

**ADDENDUM NO. 1**

**Cactus Avenue and Other Roads**

**WORK ORDER: H15045**

**AREA: Bloomington**

**ROAD NO.: Cactus Ave 197400014-014 Jurupa Ave 455900-060**

**BIDS OPEN 10:00 AM, THURSDAY, JANUARY 13, 2022**

**BIDS OPEN 11:00 AM, THURSDAY, JANUARY 13, 2022**

**By Email via ePro System**

**Amend the Special Provisions as follows:**

1. Add to **Section 10-1.11D REMOVE CONCRETE**, Page SP-75, after the 8<sup>th</sup> Paragraph to read as follows:

The measurement for the removal of concrete ramps, curb, gutter, driveway and sidewalk, shall be measured in plan length and not slope length. The removal of the ramps shall include the removal of the truncated domes as well as all other elements of the existing ramps and shall be properly disposed of outside of the right-of-way by the Contractor. Handholes, Manholes, Utility Boxes and other existing and proposed improvements the are affected by the removal shall be either protected or adjusted to grade and the cost of work shall be included within the item of bid and no additional compensation will be allowed therefore. When the Contractor removes an existing driveway, the Contractor shall maintain access to the home at all times and provide steel plates, if necessary and as directed by the Engineer.

2. Add to **Section 10-1.12 CLEARING AND GRUBBING**, Page SP-77, after the 6<sup>th</sup> paragraph to read as follows:

The existing mounds within the vicinity of the concrete drop inlet structure at the southwest corner measure from the proposed finished grade to the subgrade. The clear and grubbing shall include the two (2) paddles, shrubs, trash, asphalt concrete berm and all other items shall be removed and disposed of outside of the right-of-way. The clearing and grubbing shall also include the removal and disposal of the excess dirt above the finish grade within a vicinity of 20-feet of the drop-inlet structure and no additional compensation will be allowed therefore.

3. Add to Section **10-1.11E COLD PLANE ASPHALT CONCRETE PAVEMENT**, Page-77, after the 10<sup>th</sup> paragraph to read as follows:

The existing pavement on Jurupa Avenue is a rubberized AC Type G, 1/2 – inch on an asphalt rubberized seal coat.

4. Add Section **10-1.11C ADJUST FRAMES AND COVERS TO GRADE**, SP-75, after the 5<sup>th</sup> paragraph to read as follows:

While paving and adjusting the inlet grates located on Cactus Avenue, as shown on these plans, the Contractor must perform the adjustment, removal and construction of roadway

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section on Cactus Avenue while protecting the existing HDPE pipe along the west side of Cactus Avenue. The Contractor is responsible for replacing any sections of existing HDPE pipe that was damaged by the construction activities and no additional compensation will be allowed therefore. Where the inlet gratings are surrounded by the existing temporary asphalt, a tack coat must be applied to the new pavement, proposed grades and the milled pavement to create a bond between with the inlet structure.

5. Add Section **10-1.27 CONCRETE HEADWALL** as follows:

### **10-1.27 CONCRETE HEADWALL**

This work shall consist of removing the existing improvements and constructing a concrete headwall and shall conform to standard Plan D86C of the Caltrans 2015 Standard Plans and Section 51 of the Standard Specifications.

The construction of the headwall shall include the following items of work:

- Excavation and disposal of excess materials (excavation includes the removal of the asphalt concrete pavement).
- Replacement of 20LF of CMP. The contractor shall remove the existing CMP and install a similar size piece of CMP as approved by the Engineer. If the contractor cannot acquire the piece of Arched CMP that matches the existing piece, the contractor must submit a new pipe as well as any joints, coupling or junction structures required to connect into the existing drainage pipe. Replacement of the pipe shall include trenching, removing and compactions per the San Bernardino County Trenching Standard.
- The contractor shall remove any debris and trash between the pipe run of the existing box structure to the proposed head wall.
- Steel bars shall be included within the price paid for the concrete head wall as shown within the Caltrans Standard Plans and Specifications and well as these Special Provisions.
- The Contractor shall provide and install the necessary forms to construct the headwall as well as any forms needed to remove or install the arched CMP pipe under Cactus Avenue.
- The concrete used must be at least 3,000 psi, pouring and providing chamfers is optional in lieu of rounded edges as directed by the engineer. The Contractor shall use a vibrator in the finishing of the concrete.
- The Contractor shall use concrete between the connection of the pipe and the proposed headwall.
- Trenching, backfilling, filling of damaged spots or any work needed to provide adequate backfill to the pipe installation shall be included within the scope of work. If there are any voids, unsuitable materials, or loose material, the Contractor must perform work to have the backfilling of the pipe and the connection acceptable to the Engineer. The backfill must conform to both San Bernardino County Standards as well as Caltrans Standard Plan A62F.
- The finish of the concrete headwall shall be cement motor plaster finish.
- The contractor shall notify and coordinate the construction of this headwall and pipe installation with the nearby FedEx and other business to reroute the delivery trucks around the construction site. The contractor is responsible for providing the traffic control needed to

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safely construct this pipe and headwall as directed by the Engineer and no additional compensation will be allowed therefore. The Contractor shall provide steel plates and shall ensure the deflection of the plates does not interfere with the construction of the pipe and headwall. The plates shall have adequate thickness to minimize the deflection as well as covering the entire area of excavation within the work zone, addition signs shall be provided to reflect this work.

The contract unit price for **Concrete Headwall** is paid per CY and shall include furnishing all labor, materials, tools, equipment and incidentals, CMP Pipe, concrete connections, and for doing all the work necessary as shown on the plans, and as specified in Standard Specifications and there Special Provisions. Should the Contractor require information and/or inquire regarding the aforementioned detail It shall be the responsibility of the Contractor to properly and legally dispose of materials in a manner consistent with County standards. All costs associated with disposal shall be included in the bid price for this item.

6. Add to **Section 10-1.20 Miscellaneous Concrete Construction**, SP-85, after the 5<sup>th</sup> paragraph to read as follows:

Driveways shall conform to the provision in Section 73, "Concrete Curbs and Sidewalks," of the Standard Specifications and these Special Provisions. The contractor shall maintain all the accesses to the home owner throughout the construction of the driveway approach. The driveway shall be construction in accordance to San Bernardino County Standard 135C.

7. Add to **Section 10-1.14 Earthwork (Roadway)**, SP- 80, after the 29<sup>th</sup> Paragraph to read as follows:

For the along Jurupa, between Stations 4+01.40 and 9+68.12, the Contractor perform the work in the following order:

1. Excavation and disposing the top 0.90' from the proposed finished grade.
2. Scarifying then removing the material to provide room for the structural section.
3. Putting the subgrade to its elevation, wetting, and compacting to 95%.
4. Stockpile the excavated soil and it is to be backfilled (when necessary) to the proposed grade. The soil is to be wetted and compacted as directed by the Engineer.
5. Once the subgrade is approved by the Engineer, the Class 2 Aggregate Base will be prepared and layered per the Caltrans Specifications, wetted, consolidated and compacted prior to placing asphalt.

8. Add **Section 10-1.28 CLASS 2 BASE** as follows:

Aggregate base shall be Class 2 and shall conform to the provisions in Section 26, "Aggregate Bases," of the Standard Specifications and these special provisions.

Full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all the work necessary to remove, clean and place the aggregates from temporary to its final location, complete in place, as shown on the plan and as directed by the Engineer shall be considered as included in the contract price paid for **Class 2 Base** per cubic yard and no additional compensation is allowed therefor.

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### **Amend the Plans as follows:**

1. Construction Note 23 to read as – Cold Plane (0.10' THK) existing asphalt concrete pavement.

### **Statement**

Aggregate base must be free of processed reclaimed asphalt concrete, PCC, LCB or CTB and must consist of only Broken Stone, Crush Gravel, Natural rough-surface gravel and/or sand as stated within the Caltrans 2015 Specifications.

### **Questions and Answers**

1. What Material is to be used for shoulder backing? How does shoulder backing get paid?  
Answer: The contractor shall use existing local materials or materials onsite to perform shoulder backing. Should backing shall be included in the work performed by Roadway Excavation and no additional compensation will be allowed therefor.
2. Per page SP-80, Section 10-1.16, the asphalt binder is to be one of the PG 76-22PM, PG70-10 or PG64-10. Please confirm the agency will not force a contractor to use PG76-22PM and a contractor can choose any of them. Please note that PG76-22 PM is some what more expensive than the others and it can change the bid price.  
Answer: The Contractor shall use the specific asphalt mix within the specified limits associated construction note as shown on these plans and no additional compensation will be allowed therefore.
3. Can we close Jurupa Ave Eastbound at the same time and work on those two areas at the same time?  
Answer: The Board of Supervisors did not approve any road closures for this project as all roads must remain open throughout the project and the contractor must perform all construction activities without a any road closure.
4. Bid Item #7 is for the asphalt pavement removal and bit item #15 is for the removal not covered by any other item. If bid item #7 is for the top asphalt layer removal, the bid item #15 qty should be much less than 2,100 cy. Please clarify the quantity of bid item #15.  
Answer: Bid Item 7 - Remove Asphalt Surfacing shall comply with the specification included within these special provisions under Section 10-1.11A Remove Asphalt Concrete Surfacing. Bid Item #16 – Roadway Excavation shall comply with the specification include within these special provisions under Section 10-1.14 Earthwork (Roadway). Unless the removal work is under a separate bid item, the removal work shall be under Roadway Excavation
5. Based on the current plan, there is no driveway approach replacement and the quantity of bid item #24 is way more than what is needed. Please verify the quantity. 11376 Cactus Ave shall have the driveway removed and reconstructed per these special provisions and also the attached driveway standard from San Bernardino County - 135C

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6. Shoulder backing is to be included in the Roadway excavation item per the spec? If yes please confirm if it will be paid per actual CY, not theoretical.  
Answer: Please refer to the Answer in question 1.
7. There is no item to cover Class 2 Base. Please clarify which item is to cover the Class 2 Base. Class 2 Base shall conform to the specifications within the special provisions and this addendum. The bid item for Class 2 Base is reflected on the attached revised Bid Item List.

### Attachment

1. San Bernardino County Standard 135C - Driveway
2. Revised Bid Item Sheet. **Replace proposal page P-3 and P-4 with the attached sheets.**
3. Caltrans Standard Plan D89 – Pipe Culvert Headwalls – Straight and “L”.
4. Caltrans Standard Plan A62F – Excavation and Backfill Metal and Plastic Culverts.

The addition of these requirements shall be considered in concert with existing documents in preparation of bids. **THE BIDDER'S CERTIFICATION FOR THIS ADDENDUM NO. 1 SHALL BE SIGNED BY THE SAME PERSON WHO SIGNS THE PROPOSAL AND SHALL BE SUBMITTED WITH THE PROPOSAL. ANY proposal not accompanied by a signed BIDDER'S CERTIFICATION (below) acknowledging receipt of this Addendum No. 1 will NOT be accepted.**

**BRENDON BIGGS**, Director  
Department of Public Works

By: 

Andy Silao, P.E., Chief  
Contracts Division

AS:mb

### BIDDER'S CERTIFICATION:

By my signature hereunder, I acknowledge receipt of Addendum No. 1 and I fully understand the intent and detail of Addendum No. 1, which I have considered in my preparation of the attached proposal.

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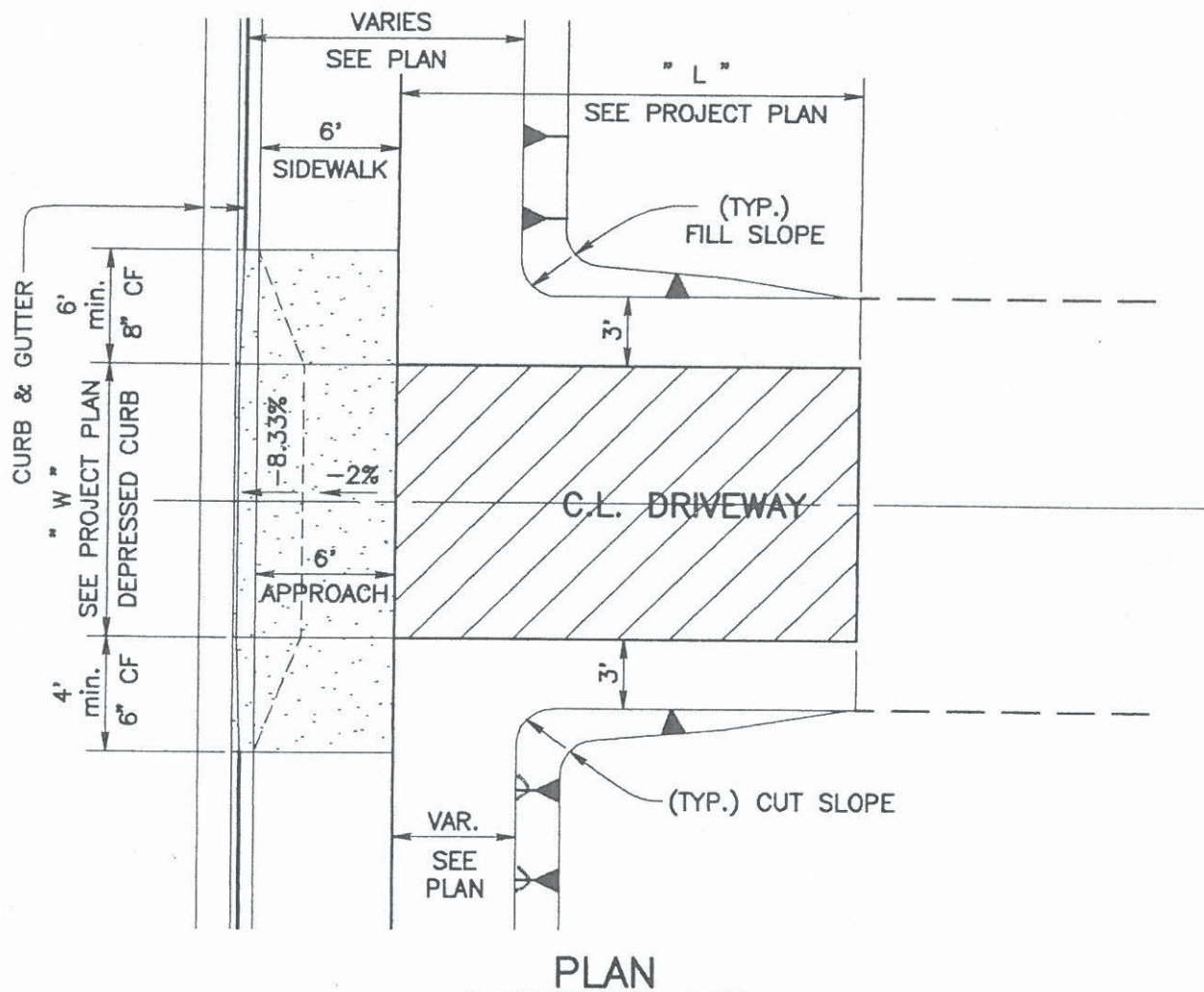
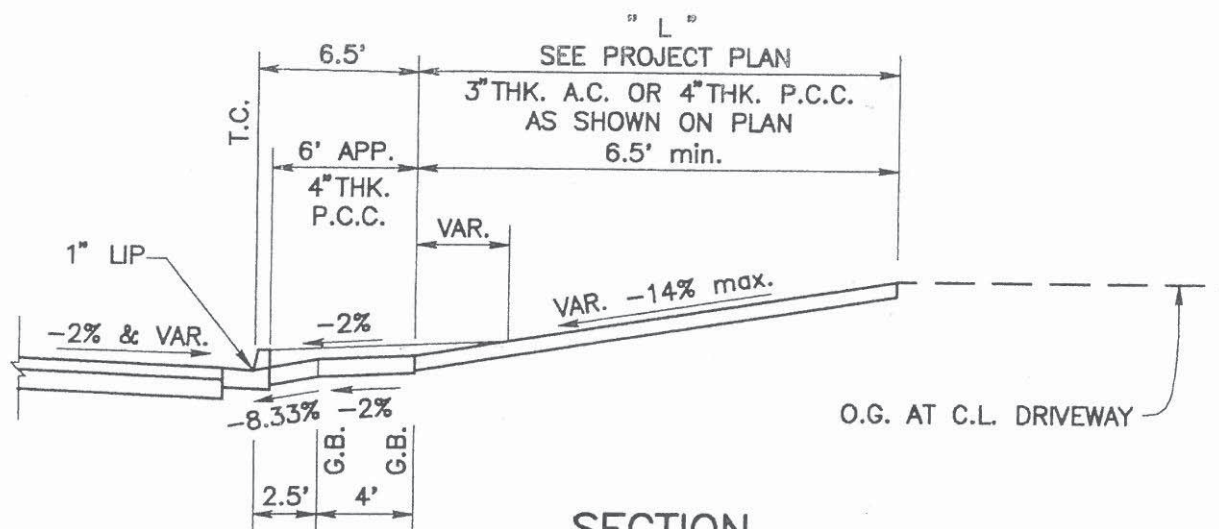
Bidder's Signature

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Date

**Note:** The page containing the executed BIDDER'S CERTIFICATION (just this page), must be included with the proposal.

SEE TERRAMODEL FILE - N:\M2201\MISCDET1.PRO



SCALE: 1" = 8'

SHEET  
1 OF 2

CO. OF SAN BDNO, DEPT. OF PUBLIC WORKS

REVISED: DATE

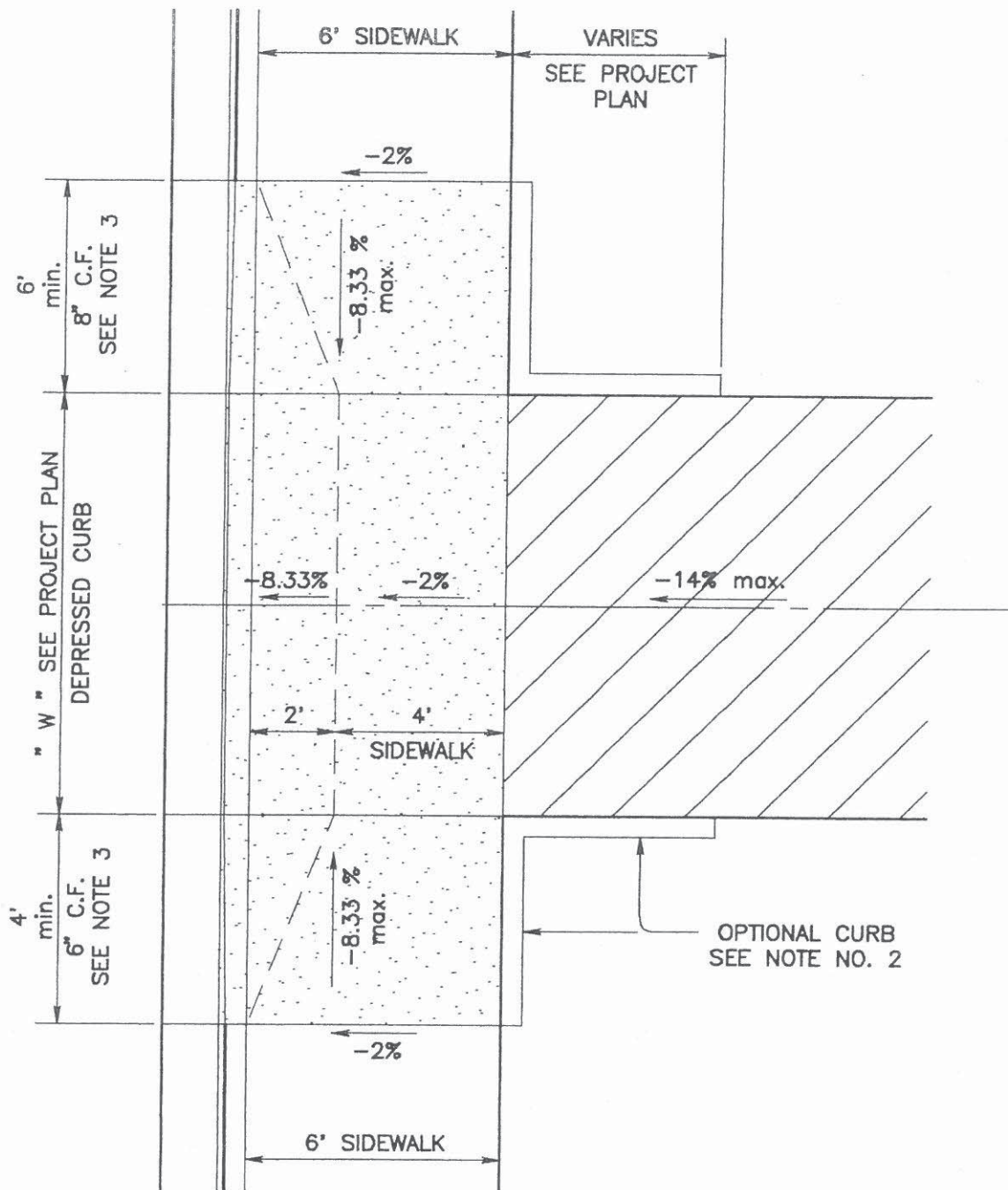
DESIGN DIVISION

RESIDENTIAL DRIVEWAY  
WITH CURB & 6' APPROACH

SPEC.  
DWG.  
135c



SEE TERRAMODEL FILE - N:\ M2201\ MISCDET.pro



## PLAN

SCALE: 1" = 4'

### NOTES:

1. USE OF THIS STD. WILL REQUIRE A POSITIVE SLOPE (ALONG THE CENTERLINE DRIVEWAY) BEYOND THE DRIVEWAY APPROACH.
2. THIS STD. MAY REQUIRE TRANSITION CURBS (BEHIND THE SIDEWALK & ADJACENT TO THE DRIVEWAY) IN ORDER TO CONTAIN 100-YEAR STORM RUNOFF WITHIN THE RIGHT-OF-WAY.
3. DRIVEWAY WING WIDTH VARIES DEPENDING ON THE LONGITUDINAL SLOPE OF THE STREET.

SHEET  
2 OF 2

CO. OF SAN BDNO. DEPT. OF PUBLIC WORKS

REVISED: DATE

DESIGN DIVISION

RESIDENTIAL DRIVEWAY  
WITH CURB & 6' APPROACH

SPEC.  
DWG.  
135c

# Engineer's Estimate

Bidder:

**Project:** ***Cactus Avenue and Other Roads***

**W.O.#:** ***H15045***

**Limits:** ***Various Road Locations***

Item No.	Approx. Quant.	Meas. Unit	Item Description	Unit Price	Total
1	50,000	F.A.	Supplemental Work at Force Account (Unforeseen Differing Site Conditions and Utility Conflicts)	\$1.00	\$50,000.00
2	1	L.S.	Prepare Final Storm Water Pollution Control Plan (SWPPP)	\$	\$
3	1	L.S.	Water Pollution Control Program (WPCP)	\$	\$
4	1	L.S.	Mobilization	\$	\$
5	1	L.S.	Traffic Control System	\$	\$
6	4	EA.	Portable Changeable Message Sign	\$	\$
7	4,400	S.Y.	Remove Asphalt Concrete Surfacing	\$	\$
8	2	EA.	Reset and Relocate Roadside Sign	\$	\$
9	4	EA.	Adjust Frame and Cover To Grade	\$	\$
10	210	S.Y.	Cold Plane (0.15') Asphalt Concrete Pavement	\$	\$
11	4,300	S.Y.	Cold Plane (0.10') Asphalt Concrete Pavement	\$	\$
12	1,120	CY	Class 2 Base	\$	\$
13	1	L.S.	Clearing and Grubbing	\$	\$
14	230	S.Y.	Remove Concrete (Ramps, Spandrel, Curbs & Gutters)	\$	\$
15	1	L.S.	Develop Water Supply	\$	\$
16	1,200	C.Y.	Roadway Excavation	\$	\$
17	1	L.S.	Finishing Roadway	\$	\$
18	2,470	TON	Asphalt Concrete (Type A)	\$	\$
19	685	TON	Rubberized Asphalt Concrete (Type G)	\$	\$
20	62	L.F.	Place Asphalt Concrete Dike	\$	\$
21	65	C.Y.	Class 4 Concrete (Pipe Cover)	\$	\$
22	3	EA.	Roadside Sign (Metal Post)	\$	\$
23	17	C.Y.	Minor Concrete (Spandrel, Curb, Curb and Gutter, Driveway Approach and Sidewalk)	\$	\$
24	20	C.Y.	Minor Concrete (Pedestrian Ramps)	\$	\$
25	10	C.Y.	Minor Concrete (Sidewalk and Driveway Approach)	\$	\$
26	3	EA.	ADA Ramp Detectable Warning Surface	\$	\$
27	3	EA.	Delineator-Class 1 (Type F)	\$	\$
28	200	EA.	Pavement Marker (Retroreflective – Type D and G)	\$	\$
29	1	EA.	Pavement Marker (Reflective - Blue)	\$	\$



Engineer's Estimate

Bidder: \_\_\_\_\_

**Project:** **Cactus Avenue and Other Roads**

**W.O.#:** **H15045**

**Limits:** **Various Road Locations**

Item No.	Approx. Quant.	Meas. Unit	Item Description	Unit Price	Total
30	1,910	L.F.	Paint Double 6" wide Yellow Traffic Stripe (2-Coat)	\$	\$
31	560	L.F.	Paint 8" wide Traffic Stripe (2-Coat),	\$	\$
32	2,600	L.F.	Paint 6" wide Traffic Stripe (2-Coat)	\$	\$
33	460	S.F.	Paint Pavement Marking (2-Coat)	\$	\$
34	1	L.S.	Construct Concrete Headwall	\$	\$
<b>PROJECT TOTAL:</b>				<b>\$</b>	



