



Contract Number

SAP Number

Public Works

Department Contract Representative
Telephone Number

Andy Silao, P.E., Chief
(909) 387-7920

Contractor

Granite Construction Company

Project Name

National Trails Highway at 10 Bridges Project

CSLB No.

89

DIR Registration No.

1000000085

Contractor Representative

Joseph P. Richardson

Telephone Number

(760)775-7500

Contract Term

Original Contract Amount

\$24,116,063

Amendment Amount

Total Contract Amount

Cost Center

6650002000/ 52002445

Grant Number (if applicable)

IT IS HEREBY AGREED AS FOLLOWS:

ARTICLE I. That for and in consideration of payment and agreements hereinafter mentioned to be made and performed by San Bernardino County (County), and under the conditions expressed in the two bonds hereunto annexed, Granite Construction Company (Contractor) agrees with County, at Contractor's own proper cost and expense, to do all the work and to furnish all the materials necessary to construct and complete in a good, workmanlike and substantial manner, this project to the satisfaction of the Director of Public Works in accordance with the following documents, which are incorporated herein by this reference, and the articles set forth below:

Plans entitled: Plans for Construction on National Trails Highway at 10 Bridges Project, from East of Crucero Road to West of Mountain Springs Road. Work Order No.: H14910-18 & H14853; Road No. 586600-120, 586600-110, and 586600-100; Federal Aid Project No. BRLS-5954 (142, 147, 149-156).

California Department of Transportation (Caltrans) 2024 Standard Specifications, including the Caltrans 2024 Revised Standard Specifications and the 2024 Standard Plans, unless specified otherwise in the contract documents.

Special Provisions entitled: Special Provisions for Construction on Bridge Replacement on National Trails Highway at 10 Bridges Project, from East of Crucero Road to West of Mountain Springs Road, Work Order No.: H14910-18 & H14853; Road No.: 586600-120, 586600-110, and 586600-100. Federal Aid Project No. BRLS-5954 (142, 147, 149-156), including addenda 1, 2, and 3.

ARTICLE II. Contractor agrees to receive and accept the following prices as full compensation for furnishing all materials and for doing all the work contemplated and embraced in this agreement; also for all loss or damage arising out of the nature of the work aforesaid, or from the action of the elements, or from any unforeseen difficulties or obstructions which may arise or be encountered in the prosecution of the work, until its acceptance by the County, and for all risks of every description connected with the work; also for expenses incurred by or in consequence of the suspension or discontinuance of work and for well and faithfully completing the work, and the whole thereof, in the manner and according to this agreement, to wit:

**NATIONAL TRAILS HIGHWAY AT 10 BRIDGES
COMPILE BID**

**W.O. #: H14910-18 &
H14853**

Project:

Limits: **FROM EAST OF CRUCERO ROAD TO WEST
OF MOUNTAIN SPRINGS ROAD**

Item No.	Approx. Quant.	Meas. Unit	Item Description	Unit Price	Total
1	500,000.00	L.S.	Supplemental Work	\$ 1.00	\$ 500,000.00
2	15.00	E.A.	Federal Trainee Program	\$ 100.00	\$ 1,500.00
3	1.00	L.S.	Mobilization	\$ 2,350,000.00	\$ 2,350,000.00
4	1.00	L.S.	Resident Engineer's Office	\$ 100,000.40	\$ 100,000.40
5	1.00	L.S.	Lead Compliance Plan	\$ 2,000.00	\$ 2,000.00
6	1.00	L.S.	Construction Area Signs	\$ 35,000.00	\$ 35,000.00
7	1.00	L.S.	Develop Water Supply	\$ 100,000.00	\$ 100,000.00
8	1.00	L.S.	Traffic Control System	\$ 100,000.00	\$ 100,000.00
9	60.00	EA.	Type III Barricade	\$ 225.00	\$ 13,500.00
10	2,831.00	EA.	Plastic Traffic Drums	\$ 18.00	\$ 50,958.00
11	5.00	EA.	Portable Changeable Message Sign (PCMS)	\$ 18,000.00	\$ 90,000.00
12	7,780.00	L.F.	Temporary Railing (Type K)	\$ 30.00	\$ 233,400.00
13	1.00	L.S.	Water Pollution Control Work	\$ 30,000.00	\$ 30,000.00
14	1.00	L.S.	Prepare Storm Water Pollution Prevention Plan (SWPPP)	\$ 1,800.00	\$ 1,800.00
15	53,450.00	L.F.	Remove Yellow Painted Traffic Stripe (Hazardous Waste)	\$ 1.50	\$ 80,175.00
16	287,370.00	LB.	Treated Wood Waste	\$ 0.20	\$ 57,474.00
17	6.00	EA.	Remove and Reset Paddleboards	\$ 600.00	\$ 3,600.00
18	5.00	EA.	Remove and Reset C-Markers	\$ 700.00	\$ 3,500.00
19	1.00	L.S.	Clearing and Grubbing	\$ 358,000.00	\$ 358,000.00
20	19,690.00	C.Y.	Roadway Excavation	\$ 29.00	\$ 571,010.00
21	6,920.00	C.Y.	Channel Excavation	\$ 25.00	\$ 173,000.00
22	9,490.00	C.Y.	Structure Excavation (Bridge)	\$ 38.00	\$ 360,620.00
23	6,795.00	C.Y.	Structure Backfill (Bridge)	\$ 115.00	\$ 781,425.00
24	546,666.00	S.F.	Dry Seed	\$ 0.10	\$ 54,666.60
25	7,150.00	L.F.	Fiber Rolls	\$ 19.00	\$ 135,850.00
26	17,350.00	C.Y.	Class 2 Aggregate Base	\$ 160.00	\$ 2,776,000.00
27	4,610.00	TON	Hot Mix Asphalt (Type A)	\$ 160.00	\$ 737,600.00
28	1,600.00	S.Y.	Geosynthetic Pavement Interlayer (Paving Fabric)	\$ 26.00	\$ 41,600.00
29	555.00	L.F.	Place Hot Mix Asphalt Dike (Type A)	\$ 33.00	\$ 18,315.00
30	125.00	S.Y.	Place Hot Mix Asphalt (Miscellaneous Area)	\$ 33.00	\$ 4,125.00
31	4,226.00	S.Y.	Cold Plane Asphalt Concrete Pavement	\$ 25.00	\$ 105,650.00
32	1,372.00	L.F.	24" Cast-In-Drilled-Hole Concrete Piling	\$ 725.00	\$ 994,700.00
33	462.00	C.Y.	Structural Concrete, Bridge Footing	\$ 2,000.00	\$ 924,000.00
34	1,106.00	C.Y.	Structural Concrete, Bridge	\$ 2,000.00	\$ 2,212,000.00
35	1,241.00	C.Y.	Structural Concrete, Bridge (Polymer Fiber)	\$ 1,800.00	\$ 2,233,800.00
36	705,590.00	LB.	Bar Reinforcing Steel (Bridge)	\$ 1.60	\$ 1,128,944.00
37	5,500.00	LB.	Bar Reinforcing Steel (Galvanized)	\$ 3.55	\$ 19,525.00
38	1.00	L.S.	Bridge Removal	\$ 800,000.00	\$ 800,000.00
39	487.00	L.F.	Temporary 24" Reinforced Concrete Pipe (Class V)	\$ 340.00	\$ 165,580.00
40	110.00	L.F.	Temporary 30" Reinforced Concrete Pipe (Class V)	\$ 340.00	\$ 37,400.00
41	930.00	L.F.	Temporary 36" Reinforced Concrete Pipe (Class V)	\$ 340.00	\$ 316,200.00
42	120.00	L.F.	Temporary 42" Reinforced Concrete Pipe (Class V)	\$ 340.00	\$ 40,800.00
43	892.00	C.Y.	Rock Slope Protection (1/4 T, Class V, Method B) (CY)	\$ 310.00	\$ 276,520.00
44	1,418.00	C.Y.	Rock Slope Protection (300 lb, Class IV, Method B) (CY)	\$ 310.00	\$ 439,580.00
45	231.00	C.Y.	Rock Slope Protection (150 lb, Class III, Method B) (CY)	\$ 310.00	\$ 71,610.00
46	68.00	C.Y.	Rock Slope Protection (20 lb, Class I, Method B) (CY)	\$ 310.00	\$ 21,080.00
47	1,106.00	C.Y.	Rock Slope Protection (1/2 T, Class VII, Method B) (CY)	\$ 310.00	\$ 342,860.00
48	761.00	SQYD	Rock Slope Protection Fabric (Class 8)	\$ 20.00	\$ 15,220.00
49	500.00	C.Y.	Gravel Filter (Type A)	\$ 305.00	\$ 152,500.00

50	559.00	C.Y.	Gravel Filter (Type B)	\$ 305.00	\$ 170,495.00
51	739.00	C.Y.	Gravel Filter (Type C)	\$ 305.00	\$ 225,395.00
52	90.00	C.Y.	Gravel Filter (Type D)	\$ 305.00	\$ 27,450.00
53	4,850.00	S.Y.	Pulverize AC Surfacing	\$ 20.00	\$ 97,000.00
54	300.00	L.F.	Temporary Fence (Type CL-6)	\$ 25.00	\$ 7,500.00
55	36,600.00	L.F.	Desert Tortoise Fence	\$ 17.00	\$ 622,200.00
56	240.00	EA.	Delineator (Class 1)	\$ 75.00	\$ 18,000.00
57	20.00	EA.	Object Marker	\$ 75.00	\$ 1,500.00
58	40.00	EA.	Object Marker (Type P)	\$ 75.00	\$ 3,000.00
59	40.00	EA.	Temporary Object Marker (Type P)	\$ 75.00	\$ 3,000.00
60	22.00	EA.	Object Marker (Type L-1)	\$ 175.00	\$ 3,850.00
61	20.00	EA.	Remove Object Marker	\$ 50.00	\$ 1,000.00
62	10.00	EA.	Remove Roadside Sign	\$ 150.00	\$ 1,500.00
63	4.00	EA.	Reset Roadside Sign	\$ 200.00	\$ 800.00
64	1,750.00	L.F.	Midwest Guardrail System	\$ 72.00	\$ 126,000.00
65	3,150.00	S.Y.	Vegetation Control (Minor Concrete)	\$ 185.00	\$ 582,750.00
66	1,775.00	L.F.	Tubular Bicycle Railing	\$ 200.00	\$ 355,000.00
67	40.00	EA.	Transition Railing (Type AGT)	\$ 6,553.00	\$ 262,120.00
68	40.00	EA.	Alternative In-Line Terminal System	\$ 5,215.00	\$ 208,600.00
69	1,835.00	L.F.	Concrete Barrier (Type 85 Mod)	\$ 620.00	\$ 1,137,700.00
70	2,395.00	L.F.	Remove Guardrail	\$ 32.00	\$ 76,640.00
71	595.00	L.F.	Remove Concrete Barrier (Type K)	\$ 30.00	\$ 17,850.00
72	48,350.00	L.F.	Paint Traffic Stripe (2-Coat)	\$ 1.50	\$ 72,525.00
73	31,100.00	L.F.	Remove Painted Traffic Stripe	\$ 1.00	\$ 31,100.00

CONTRACT TOTAL:	\$ 24,116,063.00
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NATIONAL TRAILS HIGHWAY AT 10 BRIDGESProject: **BRISTOL**W.O. #: **H14910**Limits: **FROM EAST OF CRUCERO ROAD TO WEST
OF MOUNTAIN SPRINGS ROAD**

Item No.	Approx. Quant.	Meas. Unit	Item Description	Unit Price	Total
1	50,000.00	L.S.	Supplemental Work	\$1.00	\$ 50,000.00
2	3.00	E.A.	Federal Trainee Program	\$100.00	\$ 300.00
3	1.00	L.S.	Mobilization	\$235,000.00	\$ 235,000.00
4	1.00	L.S.	Resident Engineer's Office	\$10,000.04	\$ 10,000.04
5	1.00	L.S.	Lead Compliance Plan	\$200.00	\$ 200.00
6	1.00	L.S.	Construction Area Signs	\$3,500.00	\$ 3,500.00
7	1.00	L.S.	Develop Water Supply	\$10,000.00	\$ 10,000.00
8	1.00	L.S.	Traffic Control System	\$10,000.00	\$ 10,000.00
9	6.00	EA.	Type III Barricade	\$225.00	\$ 1,350.00
10	287.00	EA.	Plastic Traffic Drums	\$18.00	\$ 5,166.00
11	1.00	EA.	Portable Changeable Message Sign (PCMS)	\$18,000.00	\$ 18,000.00
12	760.00	L.F.	Temporary Railing (Type K)	\$30.00	\$ 22,800.00
13	1.00	L.S.	Water Pollution Control Work	\$3,000.00	\$ 3,000.00
14	1.00	L.S.	Prepare Storm Water Pollution Prevention Plan (SWPPP)	\$180.00	\$ 180.00
15	8,400.00	L.F.	Remove Yellow Painted Traffic Stripe (Hazardous Waste)	\$1.50	\$ 12,600.00
16	27,940.00	LB.	Treated Wood Waste	\$0.20	\$ 5,588.00
17	1.00	EA.	Remove and Reset Paddleboards	\$600.00	\$ 600.00
18	-	EA.	Remove and Reset C-Markers	\$700.00	\$ -
19	1.00	L.S.	Clearing and Grubbing	\$35,800.00	\$ 35,800.00
20	2,800.00	C.Y.	Roadway Excavation	\$29.00	\$ 81,200.00
21	2,150.00	C.Y.	Channel Excavation	\$25.00	\$ 53,750.00
22	750.00	C.Y.	Structure Excavation (Bridge)	\$38.00	\$ 28,500.00
23	670.00	C.Y.	Structure Backfill (Bridge)	\$115.00	\$ 77,050.00
24	105,000.00	S.F.	Dry Seed	\$0.10	\$ 10,500.00
25	3,350.00	L.F.	Fiber Rolls	\$19.00	\$ 63,650.00
26	2,450.00	C.Y.	Class 2 Aggregate Base	\$160.00	\$ 392,000.00
27	940.00	TON	Hot Mix Asphalt (Type A)	\$160.00	\$ 150,400.00
28	160.00	S.Y.	Geosynthetic Pavement Interlayer (Paving Fabric)	\$26.00	\$ 4,160.00
29	50.00	L.F.	Place Hot Mix Asphalt Dike (Type A)	\$33.00	\$ 1,650.00
30	24.00	S.Y.	Place Hot Mix Asphalt (Miscellaneous Area)	\$33.00	\$ 792.00
31	63.00	S.Y.	Cold Plane Asphalt Concrete Pavement	\$25.00	\$ 1,575.00
32	830.00	L.F.	24" Cast-In-Drilled-Hole Concrete Piling	\$725.00	\$ 601,750.00
33	27.00	C.Y.	Structural Concrete, Bridge Footing	\$2,000.00	\$ 54,000.00
34	136.00	C.Y.	Structural Concrete, Bridge	\$2,000.00	\$ 272,000.00
35	144.00	C.Y.	Structural Concrete, Bridge (Polymer Fiber)	\$1,800.00	\$ 259,200.00
36	116,330.00	LB.	Bar Reinforcing Steel (Bridge)	\$1.60	\$ 186,128.00
37	550.00	LB.	Bar Reinforcing Steel (Galvanized)	\$3.55	\$ 1,952.50
38	1.00	L.S.	Bridge Removal	\$80,000.00	\$ 80,000.00
39	-	L.F.	Temporary 24" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
40	-	L.F.	Temporary 30" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
41	510.00	L.F.	Temporary 36" Reinforced Concrete Pipe (Class V)	\$340.00	\$ 173,400.00
42	-	L.F.	Temporary 42" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
43	-	C.Y.	Rock Slope Protection (1/4 T, Class V, Method B) (CY)	\$310.00	\$ -
44	-	C.Y.	Rock Slope Protection (300 lb, Class IV, Method B) (CY)	\$310.00	\$ -
45	74.00	C.Y.	Rock Slope Protection (150 lb, Class III, Method B) (CY)	\$310.00	\$ 22,940.00
46	10.00	C.Y.	Rock Slope Protection (20 lb, Class I, Method B) (CY)	\$310.00	\$ 3,100.00
47	595.00	C.Y.	Rock Slope Protection (1/2 T, Class VII, Method B) (CY)	\$310.00	\$ 184,450.00
48	195.00	SQYD	Rock Slope Protection Fabric (Class 8)	\$20.00	\$ 3,900.00
49	94.00	C.Y.	Gravel Filter (Type A)	\$305.00	\$ 28,670.00

50	88.00	C.Y.	Gravel Filter (Type B)	\$305.00	\$ 26,840.00
51	111.00	C.Y.	Gravel Filter (Type C)	\$305.00	\$ 33,855.00
52	-	C.Y.	Gravel Filter (Type D)	\$305.00	\$ -
53	2,250.00	S.Y.	Pulverize AC Surfacing	\$20.00	\$ 45,000.00
54	30.00	L.F.	Temporary Fence (Type CL-6)	\$25.00	\$ 750.00
55	3,950.00	L.F.	Desert Tortoise Fence	\$17.00	\$ 67,150.00
56	24.00	EA.	Delineator (Class 1)	\$75.00	\$ 1,800.00
57	2.00	EA.	Object Marker	\$75.00	\$ 150.00
58	4.00	EA.	Object Marker (Type P)	\$75.00	\$ 300.00
59	4.00	EA.	Temporary Object Marker (Type P)	\$75.00	\$ 300.00
60	2.00	EA.	Object Marker (Type L-1)	\$175.00	\$ 350.00
61	2.00	EA.	Remove Object Marker	\$50.00	\$ 100.00
62	-	EA.	Remove Roadside Sign	\$150.00	\$ -
63	2.00	EA.	Reset Roadside Sign	\$200.00	\$ 400.00
64	175.00	L.F.	Midwest Guardrail System	\$72.00	\$ 12,600.00
65	335.00	S.Y.	Vegetation Control (Minor Concrete)	\$185.00	\$ 61,975.00
66	216.00	L.F.	Tubular Bicycle Railing	\$200.00	\$ 43,200.00
67	4.00	EA.	Transition Railing (Type AGT)	\$6,553.00	\$ 26,212.00
68	4.00	EA.	Alternative In-Line Terminal System	\$5,215.00	\$ 20,860.00
69	222.00	L.F.	Concrete Barrier (Type 85 Mod)	\$620.00	\$ 137,640.00
70	250.00	L.F.	Remove Guardrail	\$32.00	\$ 8,000.00
71	-	L.F.	Remove Concrete Barrier (Type K)	\$30.00	\$ -
72	5,600.00	L.F.	Paint Traffic Stripe (2-Coat)	\$1.50	\$ 8,400.00
73	2,500.00	L.F.	Remove Painted Traffic Stripe	\$1.00	\$ 2,500.00

CONTRACT TOTAL:	\$ 3,659,183.54
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NATIONAL TRAILS HIGHWAY AT 10 BRIDGES

Project: **CERRO**

W.O. #: **H14912**

Limits: **FROM EAST OF CRUCERO ROAD TO WEST
OF MOUNTAIN SPRINGS ROAD**

Item No.	Approx. Quant.	Meas. Unit	Item Description	Unit Price	Total
1	50,000.00	L.S.	Supplemental Work	\$1.00	\$ 50,000.00
2	1.00	E.A.	Federal Trainee Program	\$100.00	\$ 100.00
3	1.00	L.S.	Mobilization	\$235,000.00	\$ 235,000.00
4	1.00	L.S.	Resident Engineer's Office	\$10,000.04	\$ 10,000.04
5	1.00	L.S.	Lead Compliance Plan	\$200.00	\$ 200.00
6	1.00	L.S.	Construction Area Signs	\$3,500.00	\$ 3,500.00
7	1.00	L.S.	Develop Water Supply	\$10,000.00	\$ 10,000.00
8	1.00	L.S.	Traffic Control System	\$10,000.00	\$ 10,000.00
9	6.00	EA.	Type III Barricade	\$225.00	\$ 1,350.00
10	273.00	EA.	Plastic Traffic Drums	\$18.00	\$ 4,914.00
11	-	EA.	Portable Changeable Message Sign (PCMS)	\$18,000.00	\$ -
12	800.00	L.F.	Temporary Railing (Type K)	\$30.00	\$ 24,000.00
13	1.00	L.S.	Water Pollution Control Work	\$3,000.00	\$ 3,000.00
14	1.00	L.S.	Prepare Storm Water Pollution Prevention Plan (SWPPP)	\$180.00	\$ 180.00
15	7,600.00	L.F.	Remove Yellow Painted Traffic Stripe (Hazardous Waste)	\$1.50	\$ 11,400.00
16	28,780.00	LB.	Treated Wood Waste	\$0.20	\$ 5,756.00
17	-	EA.	Remove and Reset Paddleboards	\$600.00	\$ -
18	-	EA.	Remove and Reset C-Markers	\$700.00	\$ -
19	1.00	L.S.	Clearing and Grubbing	\$35,800.00	\$ 35,800.00
20	1,700.00	C.Y.	Roadway Excavation	\$29.00	\$ 49,300.00
21	300.00	C.Y.	Channel Excavation	\$25.00	\$ 7,500.00
22	860.00	C.Y.	Structure Excavation (Bridge)	\$38.00	\$ 32,680.00
23	630.00	C.Y.	Structure Backfill (Bridge)	\$115.00	\$ 72,450.00
24	45,000.00	S.F.	Dry Seed	\$0.10	\$ 4,500.00
25	390.00	L.F.	Fiber Rolls	\$19.00	\$ 7,410.00
26	1,550.00	C.Y.	Class 2 Aggregate Base	\$160.00	\$ 248,000.00
27	300.00	TON	Hot Mix Asphalt (Type A)	\$160.00	\$ 48,000.00
28	160.00	S.Y.	Geosynthetic Pavement Interlayer (Paving Fabric)	\$26.00	\$ 4,160.00
29	50.00	L.F.	Place Hot Mix Asphalt Dike (Type A)	\$33.00	\$ 1,650.00
30	17.00	S.Y.	Place Hot Mix Asphalt (Miscellaneous Area)	\$33.00	\$ 561.00
31	750.00	S.Y.	Cold Plane Asphalt Concrete Pavement	\$25.00	\$ 18,750.00
32	-	L.F.	24" Cast-In-Drilled-Hole Concrete Piling	\$725.00	\$ -
33	43.00	C.Y.	Structural Concrete, Bridge Footing	\$2,000.00	\$ 86,000.00
34	93.00	C.Y.	Structural Concrete, Bridge	\$2,000.00	\$ 186,000.00
35	113.00	C.Y.	Structural Concrete, Bridge (Polymer Fiber)	\$1,800.00	\$ 203,400.00
36	54,320.00	LB.	Bar Reinforcing Steel (Bridge)	\$1.60	\$ 86,912.00
37	550.00	LB.	Bar Reinforcing Steel (Galvanized)	\$3.55	\$ 1,952.50
38	1.00	L.S.	Bridge Removal	\$80,000.00	\$ 80,000.00
39	94.00	L.F.	Temporary 24" Reinforced Concrete Pipe (Class V)	\$340.00	\$ 31,960.00
40	-	L.F.	Temporary 30" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
41	-	L.F.	Temporary 36" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
42	-	L.F.	Temporary 42" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
43	-	C.Y.	Rock Slope Protection (1/4 T, Class V, Method B) (CY)	\$310.00	\$ -
44	212.00	C.Y.	Rock Slope Protection (300 lb, Class IV, Method B) (CY)	\$310.00	\$ 65,720.00
45	11.00	C.Y.	Rock Slope Protection (150 lb, Class III, Method B) (CY)	\$310.00	\$ 3,410.00
46	2.00	C.Y.	Rock Slope Protection (20 lb, Class I, Method B) (CY)	\$310.00	\$ 620.00
47	-	C.Y.	Rock Slope Protection (1/2 T, Class VII, Method B) (CY)	\$310.00	\$ -
48	40.00	SQYD	Rock Slope Protection Fabric (Class 8)	\$20.00	\$ 800.00
49	47.00	C.Y.	Gravel Filter (Type A)	\$305.00	\$ 14,335.00

50	-	C.Y.	Gravel Filter (Type B)	\$305.00	\$ -
51	-	C.Y.	Gravel Filter (Type C)	\$305.00	\$ -
52	44.00	C.Y.	Gravel Filter (Type D)	\$305.00	\$ 13,420.00
53	-	S.Y.	Pulverize AC Surfacing	\$20.00	\$ -
54	30.00	L.F.	Temporary Fence (Type CL-6)	\$25.00	\$ 750.00
55	3,500.00	L.F.	Desert Tortoise Fence	\$17.00	\$ 59,500.00
56	24.00	EA.	Delineator (Class 1)	\$75.00	\$ 1,800.00
57	2.00	EA.	Object Marker	\$75.00	\$ 150.00
58	4.00	EA.	Object Marker (Type P)	\$75.00	\$ 300.00
59	4.00	EA.	Temporary Object Marker (Type P)	\$75.00	\$ 300.00
60	2.00	EA.	Object Marker (Type L-1)	\$175.00	\$ 350.00
61	2.00	EA.	Remove Object Marker	\$50.00	\$ 100.00
62	-	EA.	Remove Roadside Sign	\$150.00	\$ -
63	-	EA.	Reset Roadside Sign	\$200.00	\$ -
64	175.00	L.F.	Midwest Guardrail System	\$72.00	\$ 12,600.00
65	330.00	S.Y.	Vegetation Control (Minor Concrete)	\$185.00	\$ 61,050.00
66	146.00	L.F.	Tubular Bicycle Railing	\$200.00	\$ 29,200.00
67	4.00	EA.	Transition Railing (Type AGT)	\$6,553.00	\$ 26,212.00
68	4.00	EA.	Alternative In-Line Terminal System	\$5,215.00	\$ 20,860.00
69	152.00	L.F.	Concrete Barrier (Type 85 Mod)	\$620.00	\$ 94,240.00
70	280.00	L.F.	Remove Guardrail	\$32.00	\$ 8,960.00
71	-	L.F.	Remove Concrete Barrier (Type K)	\$30.00	\$ -
72	5,100.00	L.F.	Paint Traffic Stripe (2-Coat)	\$1.50	\$ 7,650.00
73	3,700.00	L.F.	Remove Painted Traffic Stripe	\$1.00	\$ 3,700.00

CONTRACT TOTAL:	\$ 2,002,412.54
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NATIONAL TRAILS HIGHWAY AT 10 BRIDGES

Project: **GORDO**

W.O. #: **H14917**

Limits: **FROM EAST OF CRUCERO ROAD TO WEST
OF MOUNTAIN SPRINGS ROAD**

Item No.	Approx. Quant.	Meas. Unit	Item Description	Unit Price	Total
1	50,000.00	L.S.	Supplemental Work	\$1.00	\$ 50,000.00
2	1.00	E.A.	Federal Trainee Program	\$100.00	\$ 100.00
3	1.00	L.S.	Mobilization	\$235,000.00	\$ 235,000.00
4	1.00	L.S.	Resident Engineer's Office	\$10,000.04	\$ 10,000.04
5	1.00	L.S.	Lead Compliance Plan	\$200.00	\$ 200.00
6	1.00	L.S.	Construction Area Signs	\$3,500.00	\$ 3,500.00
7	1.00	L.S.	Develop Water Supply	\$10,000.00	\$ 10,000.00
8	1.00	L.S.	Traffic Control System	\$10,000.00	\$ 10,000.00
9	6.00	EA.	Type III Barricade	\$225.00	\$ 1,350.00
10	255.00	EA.	Plastic Traffic Drums	\$18.00	\$ 4,590.00
11	-	EA.	Portable Changeable Message Sign (PCMS)	\$18,000.00	\$ -
12	740.00	L.F.	Temporary Railing (Type K)	\$30.00	\$ 22,200.00
13	1.00	L.S.	Water Pollution Control Work	\$3,000.00	\$ 3,000.00
14	1.00	L.S.	Prepare Storm Water Pollution Prevention Plan (SWPPP)	\$180.00	\$ 180.00
15	2,250.00	L.F.	Remove Yellow Painted Traffic Stripe (Hazardous Waste)	\$1.50	\$ 3,375.00
16	28,370.00	LB.	Treated Wood Waste	\$0.20	\$ 5,674.00
17	-	EA.	Remove and Reset Paddleboards	\$600.00	\$ -
18	-	EA.	Remove and Reset C-Markers	\$700.00	\$ -
19	1.00	L.S.	Clearing and Grubbing	\$35,800.00	\$ 35,800.00
20	1,900.00	C.Y.	Roadway Excavation	\$29.00	\$ 55,100.00
21	255.00	C.Y.	Channel Excavation	\$25.00	\$ 6,375.00
22	850.00	C.Y.	Structure Excavation (Bridge)	\$38.00	\$ 32,300.00
23	600.00	C.Y.	Structure Backfill (Bridge)	\$115.00	\$ 69,000.00
24	41,667.00	S.F.	Dry Seed	\$0.10	\$ 4,166.70
25	185.00	L.F.	Fiber Rolls	\$19.00	\$ 3,515.00
26	1,550.00	C.Y.	Class 2 Aggregate Base	\$160.00	\$ 248,000.00
27	295.00	TON	Hot Mix Asphalt (Type A)	\$160.00	\$ 47,200.00
28	160.00	S.Y.	Geosynthetic Pavement Interlayer (Paving Fabric)	\$26.00	\$ 4,160.00
29	50.00	L.F.	Place Hot Mix Asphalt Dike (Type A)	\$33.00	\$ 1,650.00
30	6.00	S.Y.	Place Hot Mix Asphalt (Miscellaneous Area)	\$33.00	\$ 198.00
31	320.00	S.Y.	Cold Plane Asphalt Concrete Pavement	\$25.00	\$ 8,000.00
32	-	L.F.	24" Cast-In-Drilled-Hole Concrete Piling	\$725.00	\$ -
33	43.00	C.Y.	Structural Concrete, Bridge Footing	\$2,000.00	\$ 86,000.00
34	94.00	C.Y.	Structural Concrete, Bridge	\$2,000.00	\$ 188,000.00
35	113.00	C.Y.	Structural Concrete, Bridge (Polymer Fiber)	\$1,800.00	\$ 203,400.00
36	54,810.00	LB.	Bar Reinforcing Steel (Bridge)	\$1.60	\$ 87,696.00
37	550.00	LB.	Bar Reinforcing Steel (Galvanized)	\$3.55	\$ 1,952.50
38	1.00	L.S.	Bridge Removal	\$80,000.00	\$ 80,000.00
39	96.00	L.F.	Temporary 24" Reinforced Concrete Pipe (Class V)	\$340.00	\$ 32,640.00
40	-	L.F.	Temporary 30" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
41	-	L.F.	Temporary 36" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
42	-	L.F.	Temporary 42" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
43	-	C.Y.	Rock Slope Protection (1/4 T, Class V, Method B) (CY)	\$310.00	\$ -
44	214.00	C.Y.	Rock Slope Protection (300 lb, Class IV, Method B) (CY)	\$310.00	\$ 66,340.00
45	11.00	C.Y.	Rock Slope Protection (150 lb, Class III, Method B) (CY)	\$310.00	\$ 3,410.00
46	2.00	C.Y.	Rock Slope Protection (20 lb, Class I, Method B) (CY)	\$310.00	\$ 620.00
47	-	C.Y.	Rock Slope Protection (1/2 T, Class VII, Method B) (CY)	\$310.00	\$ -
48	36.00	SQYD	Rock Slope Protection Fabric (Class 8)	\$20.00	\$ 720.00
49	50.00	C.Y.	Gravel Filter (Type A)	\$305.00	\$ 15,250.00

50	-	C.Y.	Gravel Filter (Type B)	\$305.00	\$ -
51	-	C.Y.	Gravel Filter (Type C)	\$305.00	\$ -
52	46.00	C.Y.	Gravel Filter (Type D)	\$305.00	\$ 14,030.00
53	-	S.Y.	Pulverize AC Surfacing	\$20.00	\$ -
54	30.00	L.F.	Temporary Fence (Type CL-6)	\$25.00	\$ 750.00
55	3,550.00	L.F.	Desert Tortoise Fence	\$17.00	\$ 60,350.00
56	24.00	EA.	Delineator (Class 1)	\$75.00	\$ 1,800.00
57	2.00	EA.	Object Marker	\$75.00	\$ 150.00
58	4.00	EA.	Object Marker (Type P)	\$75.00	\$ 300.00
59	4.00	EA.	Temporary Object Marker (Type P)	\$75.00	\$ 300.00
60	2.00	EA.	Object Marker (Type L-1)	\$175.00	\$ 350.00
61	2.00	EA.	Remove Object Marker	\$50.00	\$ 100.00
62	-	EA.	Remove Roadside Sign	\$150.00	\$ -
63	-	EA.	Reset Roadside Sign	\$200.00	\$ -
64	175.00	L.F.	Midwest Guardrail System	\$72.00	\$ 12,600.00
65	325.00	S.Y.	Vegetation Control (Minor Concrete)	\$185.00	\$ 60,125.00
66	151.00	L.F.	Tubular Bicycle Railing	\$200.00	\$ 30,200.00
67	4.00	EA.	Transition Railing (Type AGT)	\$6,553.00	\$ 26,212.00
68	4.00	EA.	Alternative In-Line Terminal System	\$5,215.00	\$ 20,860.00
69	157.00	L.F.	Concrete Barrier (Type 85 Mod)	\$620.00	\$ 97,340.00
70	280.00	L.F.	Remove Guardrail	\$32.00	\$ 8,960.00
71	-	L.F.	Remove Concrete Barrier (Type K)	\$30.00	\$ -
72	4,500.00	L.F.	Paint Traffic Stripe (2-Coat)	\$1.50	\$ 6,750.00
73	3,350.00	L.F.	Remove Painted Traffic Stripe	\$1.00	\$ 3,350.00

CONTRACT TOTAL:	\$ 1,985,189.24
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NATIONAL TRAILS HIGHWAY AT 10 BRIDGESProject: **CERULIA**W.O. #: **H14918**Limits: **FROM EAST OF CRUCERO ROAD TO WEST
OF MOUNTAIN SPRINGS ROAD**

Item No.	Approx. Quant.	Meas. Unit	Item Description	Unit Price	Total
1	50,000.00	L.S.	Supplemental Work	\$1.00	\$ 50,000.00
2	1.00	E.A.	Federal Trainee Program	\$100.00	\$ 100.00
3	1.00	L.S.	Mobilization	\$235,000.00	\$ 235,000.00
4	1.00	L.S.	Resident Engineer's Office	\$10,000.04	\$ 10,000.04
5	1.00	L.S.	Lead Compliance Plan	\$200.00	\$ 200.00
6	1.00	L.S.	Construction Area Signs	\$3,500.00	\$ 3,500.00
7	1.00	L.S.	Develop Water Supply	\$10,000.00	\$ 10,000.00
8	1.00	L.S.	Traffic Control System	\$10,000.00	\$ 10,000.00
9	6.00	EA.	Type III Barricade	\$225.00	\$ 1,350.00
10	276.00	EA.	Plastic Traffic Drums	\$18.00	\$ 4,968.00
11	-	EA.	Portable Changeable Message Sign (PCMS)	\$18,000.00	\$ -
12	740.00	L.F.	Temporary Railing (Type K)	\$30.00	\$ 22,200.00
13	1.00	L.S.	Water Pollution Control Work	\$3,000.00	\$ 3,000.00
14	1.00	L.S.	Prepare Storm Water Pollution Prevention Plan (SWPPP)	\$180.00	\$ 180.00
15	7,600.00	L.F.	Remove Yellow Painted Traffic Stripe (Hazardous Waste)	\$1.50	\$ 11,400.00
16	27,310.00	LB.	Treated Wood Waste	\$0.20	\$ 5,462.00
17	2.00	EA.	Remove and Reset Paddleboards	\$600.00	\$ 1,200.00
18	1.00	EA.	Remove and Reset C-Markers	\$700.00	\$ 700.00
19	1.00	L.S.	Clearing and Grubbing	\$35,800.00	\$ 35,800.00
20	1,600.00	C.Y.	Roadway Excavation	\$29.00	\$ 46,400.00
21	420.00	C.Y.	Channel Excavation	\$25.00	\$ 10,500.00
22	680.00	C.Y.	Structure Excavation (Bridge)	\$38.00	\$ 25,840.00
23	455.00	C.Y.	Structure Backfill (Bridge)	\$115.00	\$ 52,325.00
24	43,333.00	S.F.	Dry Seed	\$0.10	\$ 4,333.30
25	230.00	L.F.	Fiber Rolls	\$19.00	\$ 4,370.00
26	1,550.00	C.Y.	Class 2 Aggregate Base	\$160.00	\$ 248,000.00
27	295.00	TON	Hot Mix Asphalt (Type A)	\$160.00	\$ 47,200.00
28	160.00	S.Y.	Geosynthetic Pavement Interlayer (Paving Fabric)	\$26.00	\$ 4,160.00
29	50.00	L.F.	Place Hot Mix Asphalt Dike (Type A)	\$33.00	\$ 1,650.00
30	8.00	S.Y.	Place Hot Mix Asphalt (Miscellaneous Area)	\$33.00	\$ 264.00
31	385.00	S.Y.	Cold Plane Asphalt Concrete Pavement	\$25.00	\$ 9,625.00
32	-	L.F.	24" Cast-In-Drilled-Hole Concrete Piling	\$725.00	\$ -
33	43.00	C.Y.	Structural Concrete, Bridge Footing	\$2,000.00	\$ 86,000.00
34	79.00	C.Y.	Structural Concrete, Bridge	\$2,000.00	\$ 158,000.00
35	113.00	C.Y.	Structural Concrete, Bridge (Polymer Fiber)	\$1,800.00	\$ 203,400.00
36	54,220.00	LB.	Bar Reinforcing Steel (Bridge)	\$1.60	\$ 86,752.00
37	550.00	LB.	Bar Reinforcing Steel (Galvanized)	\$3.55	\$ 1,952.50
38	1.00	L.S.	Bridge Removal	\$80,000.00	\$ 80,000.00
39	92.00	L.F.	Temporary 24" Reinforced Concrete Pipe (Class V)	\$340.00	\$ 31,280.00
40	-	L.F.	Temporary 30" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
41	-	L.F.	Temporary 36" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
42	-	L.F.	Temporary 42" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
43	-	C.Y.	Rock Slope Protection (1/4 T, Class V, Method B) (CY)	\$310.00	\$ -
44	263.00	C.Y.	Rock Slope Protection (300 lb, Class IV, Method B) (CY)	\$310.00	\$ 81,530.00
45	11.00	C.Y.	Rock Slope Protection (150 lb, Class III, Method B) (CY)	\$310.00	\$ 3,410.00
46	2.00	C.Y.	Rock Slope Protection (20 lb, Class I, Method B) (CY)	\$310.00	\$ 620.00
47	-	C.Y.	Rock Slope Protection (1/2 T, Class VII, Method B) (CY)	\$310.00	\$ -
48	33.00	SQYD	Rock Slope Protection Fabric (Class 8)	\$20.00	\$ 660.00
49	54.00	C.Y.	Gravel Filter (Type A)	\$305.00	\$ 16,470.00

50	52.00	C.Y.	Gravel Filter (Type B)	\$305.00	\$ 15,860.00
51	64.00	C.Y.	Gravel Filter (Type C)	\$305.00	\$ 19,520.00
52	-	C.Y.	Gravel Filter (Type D)	\$305.00	\$ -
53	-	S.Y.	Pulverize AC Surfacing	\$20.00	\$ -
54	30.00	L.F.	Temporary Fence (Type CL-6)	\$25.00	\$ 750.00
55	3,500.00	L.F.	Desert Tortoise Fence	\$17.00	\$ 59,500.00
56	24.00	EA.	Delineator (Class 1)	\$75.00	\$ 1,800.00
57	2.00	EA.	Object Marker	\$75.00	\$ 150.00
58	4.00	EA.	Object Marker (Type P)	\$75.00	\$ 300.00
59	4.00	EA.	Temporary Object Marker (Type P)	\$75.00	\$ 300.00
60	2.00	EA.	Object Marker (Type L-1)	\$175.00	\$ 350.00
61	2.00	EA.	Remove Object Marker	\$50.00	\$ 100.00
62	-	EA.	Remove Roadside Sign	\$150.00	\$ -
63	-	EA.	Reset Roadside Sign	\$200.00	\$ -
64	175.00	L.F.	Midwest Guardrail System	\$72.00	\$ 12,600.00
65	300.00	S.Y.	Vegetation Control (Minor Concrete)	\$185.00	\$ 55,500.00
66	147.00	L.F.	Tubular Bicycle Railing	\$200.00	\$ 29,400.00
67	4.00	EA.	Transition Railing (Type AGT)	\$6,553.00	\$ 26,212.00
68	4.00	EA.	Alternative In-Line Terminal System	\$5,215.00	\$ 20,860.00
69	153.00	L.F.	Concrete Barrier (Type 85 Mod)	\$620.00	\$ 94,860.00
70	280.00	L.F.	Remove Guardrail	\$32.00	\$ 8,960.00
71	-	L.F.	Remove Concrete Barrier (Type K)	\$30.00	\$ -
72	5,100.00	L.F.	Paint Traffic Stripe (2-Coat)	\$1.50	\$ 7,650.00
73	3,900.00	L.F.	Remove Painted Traffic Stripe	\$1.00	\$ 3,900.00

CONTRACT TOTAL:	\$ 1,968,373.84
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NATIONAL TRAILS HIGHWAY AT 10 BRIDGES

Project:

LEITHW.O. #: **H14915**

Limits:

**FROM EAST OF CRUCERO ROAD TO WEST
OF MOUNTAIN SPRINGS ROAD**

Item No.	Approx. Quant.	Meas. Unit	Item Description	Unit Price	Total
1	50,000.00	L.S.	Supplemental Work	\$1.00	\$ 50,000.00
2	1.00	E.A.	Federal Trainee Program	\$100.00	\$ 100.00
3	1.00	L.S.	Mobilization	\$235,000.00	\$ 235,000.00
4	1.00	L.S.	Resident Engineer's Office	\$10,000.04	\$ 10,000.04
5	1.00	L.S.	Lead Compliance Plan	\$200.00	\$ 200.00
6	1.00	L.S.	Construction Area Signs	\$3,500.00	\$ 3,500.00
7	1.00	L.S.	Develop Water Supply	\$10,000.00	\$ 10,000.00
8	1.00	L.S.	Traffic Control System	\$10,000.00	\$ 10,000.00
9	6.00	EA.	Type III Barricade	\$225.00	\$ 1,350.00
10	267.00	EA.	Plastic Traffic Drums	\$18.00	\$ 4,806.00
11	-	EA.	Portable Changeable Message Sign (PCMS)	\$18,000.00	\$ -
12	720.00	L.F.	Temporary Railing (Type K)	\$30.00	\$ 21,600.00
13	1.00	L.S.	Water Pollution Control Work	\$3,000.00	\$ 3,000.00
14	1.00	L.S.	Prepare Storm Water Pollution Prevention Plan (SWPPP)	\$180.00	\$ 180.00
15	7,200.00	L.F.	Remove Yellow Painted Traffic Stripe (Hazardous Waste)	\$1.50	\$ 10,800.00
16	28,860.00	LB.	Treated Wood Waste	\$0.20	\$ 5,772.00
17	2.00	EA.	Remove and Reset Paddleboards	\$600.00	\$ 1,200.00
18	-	EA.	Remove and Reset C-Markers	\$700.00	\$ -
19	1.00	L.S.	Clearing and Grubbing	\$35,800.00	\$ 35,800.00
20	740.00	C.Y.	Roadway Excavation	\$29.00	\$ 21,460.00
21	405.00	C.Y.	Channel Excavation	\$25.00	\$ 10,125.00
22	720.00	C.Y.	Structure Excavation (Bridge)	\$38.00	\$ 27,360.00
23	470.00	C.Y.	Structure Backfill (Bridge)	\$115.00	\$ 54,050.00
24	45,000.00	S.F.	Dry Seed	\$0.10	\$ 4,500.00
25	200.00	L.F.	Fiber Rolls	\$19.00	\$ 3,800.00
26	1,650.00	C.Y.	Class 2 Aggregate Base	\$160.00	\$ 264,000.00
27	325.00	TON	Hot Mix Asphalt (Type A)	\$160.00	\$ 52,000.00
28	160.00	S.Y.	Geosynthetic Pavement Interlayer (Paving Fabric)	\$26.00	\$ 4,160.00
29	50.00	L.F.	Place Hot Mix Asphalt Dike (Type A)	\$33.00	\$ 1,650.00
30	6.00	S.Y.	Place Hot Mix Asphalt (Miscellaneous Area)	\$33.00	\$ 198.00
31	1,000.00	S.Y.	Cold Plane Asphalt Concrete Pavement	\$25.00	\$ 25,000.00
32	-	L.F.	24" Cast-In-Drilled-Hole Concrete Piling	\$725.00	\$ -
33	43.00	C.Y.	Structural Concrete, Bridge Footing	\$2,000.00	\$ 86,000.00
34	89.00	C.Y.	Structural Concrete, Bridge	\$2,000.00	\$ 178,000.00
35	113.00	C.Y.	Structural Concrete, Bridge (Polymer Fiber)	\$1,800.00	\$ 203,400.00
36	59,970.00	LB.	Bar Reinforcing Steel (Bridge)	\$1.60	\$ 95,952.00
37	550.00	LB.	Bar Reinforcing Steel (Galvanized)	\$3.55	\$ 1,952.50
38	1.00	L.S.	Bridge Removal	\$80,000.00	\$ 80,000.00
39	-	L.F.	Temporary 24" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
40	110.00	L.F.	Temporary 30" Reinforced Concrete Pipe (Class V)	\$340.00	\$ 37,400.00
41	-	L.F.	Temporary 36" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
42	-	L.F.	Temporary 42" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
43	-	C.Y.	Rock Slope Protection (1/4 T, Class V, Method B) (CY)	\$310.00	\$ -
44	264.00	C.Y.	Rock Slope Protection (300 lb, Class IV, Method B) (CY)	\$310.00	\$ 81,840.00
45	12.00	C.Y.	Rock Slope Protection (150 lb, Class III, Method B) (CY)	\$310.00	\$ 3,720.00
46	13.00	C.Y.	Rock Slope Protection (20 lb, Class I, Method B) (CY)	\$310.00	\$ 4,030.00
47	-	C.Y.	Rock Slope Protection (1/2 T, Class VII, Method B) (CY)	\$310.00	\$ -
48	57.00	SQYD	Rock Slope Protection Fabric (Class 8)	\$20.00	\$ 1,140.00
49	58.00	C.Y.	Gravel Filter (Type A)	\$305.00	\$ 17,690.00

50	56.00	C.Y.	Gravel Filter (Type B)	\$305.00	\$ 17,080.00
51	68.00	C.Y.	Gravel Filter (Type C)	\$305.00	\$ 20,740.00
52	-	C.Y.	Gravel Filter (Type D)	\$305.00	\$ -
53	-	S.Y.	Pulverize AC Surfacing	\$20.00	\$ -
54	30.00	L.F.	Temporary Fence (Type CL-6)	\$25.00	\$ 750.00
55	3,600.00	L.F.	Desert Tortoise Fence	\$17.00	\$ 61,200.00
56	24.00	EA.	Delineator (Class 1)	\$75.00	\$ 1,800.00
57	2.00	EA.	Object Marker	\$75.00	\$ 150.00
58	4.00	EA.	Object Marker (Type P)	\$75.00	\$ 300.00
59	4.00	EA.	Temporary Object Marker (Type P)	\$75.00	\$ 300.00
60	2.00	EA.	Object Marker (Type L-1)	\$175.00	\$ 350.00
61	2.00	EA.	Remove Object Marker	\$50.00	\$ 100.00
62	2.00	EA.	Remove Roadside Sign	\$150.00	\$ 300.00
63	-	EA.	Reset Roadside Sign	\$200.00	\$ -
64	175.00	L.F.	Midwest Guardrail System	\$72.00	\$ 12,600.00
65	315.00	S.Y.	Vegetation Control (Minor Concrete)	\$185.00	\$ 58,275.00
66	163.00	L.F.	Tubular Bicycle Railing	\$200.00	\$ 32,600.00
67	4.00	EA.	Transition Railing (Type AGT)	\$6,553.00	\$ 26,212.00
68	4.00	EA.	Alternative In-Line Terminal System	\$5,215.00	\$ 20,860.00
69	169.00	L.F.	Concrete Barrier (Type 85 Mod)	\$620.00	\$ 104,780.00
70	290.00	L.F.	Remove Guardrail	\$32.00	\$ 9,280.00
71	-	L.F.	Remove Concrete Barrier (Type K)	\$30.00	\$ -
72	4,800.00	L.F.	Paint Traffic Stripe (2-Coat)	\$1.50	\$ 7,200.00
73	3,200.00	L.F.	Remove Painted Traffic Stripe	\$1.00	\$ 3,200.00

CONTRACT TOTAL:	\$ 2,040,812.54
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NATIONAL TRAILS HIGHWAY AT 10 BRIDGES

Project:

TERRA

W.O. #: **H14914**

Limits:

**FROM EAST OF CRUCERO ROAD TO WEST
OF MOUNTAIN SPRINGS ROAD**

Item No.	Approx. Quant.	Meas. Unit	Item Description	Unit Price	Total
1	50,000.00	L.S.	Supplemental Work	\$1.00	\$ 50,000.00
2	1.00	E.A.	Federal Trainee Program	\$100.00	\$ 100.00
3	1.00	L.S.	Mobilization	\$235,000.00	\$ 235,000.00
4	1.00	L.S.	Resident Engineer's Office	\$10,000.04	\$ 10,000.04
5	1.00	L.S.	Lead Compliance Plan	\$200.00	\$ 200.00
6	1.00	L.S.	Construction Area Signs	\$3,500.00	\$ 3,500.00
7	1.00	L.S.	Develop Water Supply	\$10,000.00	\$ 10,000.00
8	1.00	L.S.	Traffic Control System	\$10,000.00	\$ 10,000.00
9	6.00	E.A.	Type III Barricade	\$225.00	\$ 1,350.00
10	282.00	E.A.	Plastic Traffic Drums	\$18.00	\$ 5,076.00
11	-	E.A.	Portable Changeable Message Sign (PCMS)	\$18,000.00	\$ -
12	720.00	L.F.	Temporary Railing (Type K)	\$30.00	\$ 21,600.00
13	1.00	L.S.	Water Pollution Control Work	\$3,000.00	\$ 3,000.00
14	1.00	L.S.	Prepare Storm Water Pollution Prevention Plan (SWPPP)	\$180.00	\$ 180.00
15	7,700.00	L.F.	Remove Yellow Painted Traffic Stripe (Hazardous Waste)	\$1.50	\$ 11,550.00
16	28,030.00	LB.	Treated Wood Waste	\$0.20	\$ 5,606.00
17	1.00	E.A.	Remove and Reset Paddleboards	\$600.00	\$ 600.00
18	1.00	E.A.	Remove and Reset C-Markers	\$700.00	\$ 700.00
19	1.00	L.S.	Clearing and Grubbing	\$35,800.00	\$ 35,800.00
20	1,350.00	C.Y.	Roadway Excavation	\$29.00	\$ 39,150.00
21	870.00	C.Y.	Channel Excavation	\$25.00	\$ 21,750.00
22	1,200.00	C.Y.	Structure Excavation (Bridge)	\$38.00	\$ 45,600.00
23	850.00	C.Y.	Structure Backfill (Bridge)	\$115.00	\$ 97,750.00
24	45,000.00	S.F.	Dry Seed	\$0.10	\$ 4,500.00
25	345.00	L.F.	Fiber Rolls	\$19.00	\$ 6,555.00
26	1,550.00	C.Y.	Class 2 Aggregate Base	\$160.00	\$ 248,000.00
27	315.00	TON	Hot Mix Asphalt (Type A)	\$160.00	\$ 50,400.00
28	160.00	S.Y.	Geosynthetic Pavement Interlayer (Paving Fabric)	\$26.00	\$ 4,160.00
29	100.00	L.F.	Place Hot Mix Asphalt Dike (Type A)	\$33.00	\$ 3,300.00
30	11.00	S.Y.	Place Hot Mix Asphalt (Miscellaneous Area)	\$33.00	\$ 363.00
31	310.00	S.Y.	Cold Plane Asphalt Concrete Pavement	\$25.00	\$ 7,750.00
32	-	L.F.	24" Cast-In-Drilled-Hole Concrete Piling	\$725.00	\$ -
33	43.00	C.Y.	Structural Concrete, Bridge Footing	\$2,000.00	\$ 86,000.00
34	126.00	C.Y.	Structural Concrete, Bridge	\$2,000.00	\$ 252,000.00
35	113.00	C.Y.	Structural Concrete, Bridge (Polymer Fiber)	\$1,800.00	\$ 203,400.00
36	63,220.00	LB.	Bar Reinforcing Steel (Bridge)	\$1.60	\$ 101,152.00
37	550.00	LB.	Bar Reinforcing Steel (Galvanized)	\$3.55	\$ 1,952.50
38	1.00	L.S.	Bridge Removal	\$80,000.00	\$ 80,000.00
39	-	L.F.	Temporary 24" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
40	-	L.F.	Temporary 30" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
41	-	L.F.	Temporary 36" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
42	120.00	L.F.	Temporary 42" Reinforced Concrete Pipe (Class V)	\$340.00	\$ 40,800.00
43	423.00	C.Y.	Rock Slope Protection (1/4 T, Class V, Method B) (CY)	\$310.00	\$ 131,130.00
44	-	C.Y.	Rock Slope Protection (300 lb, Class IV, Method B) (CY)	\$310.00	\$ -
45	20.00	C.Y.	Rock Slope Protection (150 lb, Class III, Method B) (CY)	\$310.00	\$ 6,200.00
46	3.00	C.Y.	Rock Slope Protection (20 lb, Class I, Method B) (CY)	\$310.00	\$ 930.00
47	-	C.Y.	Rock Slope Protection (1/2 T, Class VII, Method B) (CY)	\$310.00	\$ -
48	69.00	SQYD	Rock Slope Protection Fabric (Class 8)	\$20.00	\$ 1,380.00
49	93.00	C.Y.	Gravel Filter (Type A)	\$305.00	\$ 28,365.00

50	87.00	C.Y.	Gravel Filter (Type B)	\$305.00	\$ 26,535.00
51	108.00	C.Y.	Gravel Filter (Type C)	\$305.00	\$ 32,940.00
52	-	C.Y.	Gravel Filter (Type D)	\$305.00	\$ -
53	-	S.Y.	Pulverize AC Surfacing	\$20.00	\$ -
54	30.00	L.F.	Temporary Fence (Type CL-6)	\$25.00	\$ 750.00
55	3,550.00	L.F.	Desert Tortoise Fence	\$17.00	\$ 60,350.00
56	24.00	EA.	Delineator (Class 1)	\$75.00	\$ 1,800.00
57	2.00	EA.	Object Marker	\$75.00	\$ 150.00
58	4.00	EA.	Object Marker (Type P)	\$75.00	\$ 300.00
59	4.00	EA.	Temporary Object Marker (Type P)	\$75.00	\$ 300.00
60	4.00	EA.	Object Marker (Type L-1)	\$175.00	\$ 700.00
61	2.00	EA.	Remove Object Marker	\$50.00	\$ 100.00
62	2.00	EA.	Remove Roadside Sign	\$150.00	\$ 300.00
63	-	EA.	Reset Roadside Sign	\$200.00	\$ -
64	175.00	L.F.	Midwest Guardrail System	\$72.00	\$ 12,600.00
65	310.00	S.Y.	Vegetation Control (Minor Concrete)	\$185.00	\$ 57,350.00
66	164.00	L.F.	Tubular Bicycle Railing	\$200.00	\$ 32,800.00
67	4.00	EA.	Transition Railing (Type AGT)	\$6,553.00	\$ 26,212.00
68	4.00	EA.	Alternative In-Line Terminal System	\$5,215.00	\$ 20,860.00
69	170.00	L.F.	Concrete Barrier (Type 85 Mod)	\$620.00	\$ 105,400.00
70	280.00	L.F.	Remove Guardrail	\$32.00	\$ 8,960.00
71	-	L.F.	Remove Concrete Barrier (Type K)	\$30.00	\$ -
72	5,100.00	L.F.	Paint Traffic Stripe (2-Coat)	\$1.50	\$ 7,650.00
73	3,900.00	L.F.	Remove Painted Traffic Stripe	\$1.00	\$ 3,900.00

CONTRACT TOTAL:	\$ 2,266,806.54
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NATIONAL TRAILS HIGHWAY AT 10 BRIDGESProject: **SOMBRA**W.O. #: **H14911**Limits: **FROM EAST OF CRUCERO ROAD TO WEST
OF MOUNTAIN SPRINGS ROAD**

Item No.	Approx. Quant.	Meas. Unit	Item Description	Unit Price	Total
1	50,000.00	L.S.	Supplemental Work	\$1.00	\$ 50,000.00
2	3.00	E.A.	Federal Trainee Program	\$100.00	\$ 300.00
3	1.00	L.S.	Mobilization	\$235,000.00	\$ 235,000.00
4	1.00	L.S.	Resident Engineer's Office	\$10,000.04	\$ 10,000.04
5	1.00	L.S.	Lead Compliance Plan	\$200.00	\$ 200.00
6	1.00	L.S.	Construction Area Signs	\$3,500.00	\$ 3,500.00
7	1.00	L.S.	Develop Water Supply	\$10,000.00	\$ 10,000.00
8	1.00	L.S.	Traffic Control System	\$10,000.00	\$ 10,000.00
9	6.00	EA.	Type III Barricade	\$225.00	\$ 1,350.00
10	282.00	EA.	Plastic Traffic Drums	\$18.00	\$ 5,076.00
11	-	EA.	Portable Changeable Message Sign (PCMS)	\$18,000.00	\$ -
12	820.00	L.F.	Temporary Railing (Type K)	\$30.00	\$ 24,600.00
13	1.00	L.S.	Water Pollution Control Work	\$3,000.00	\$ 3,000.00
14	1.00	L.S.	Prepare Storm Water Pollution Prevention Plan (SWPPP)	\$180.00	\$ 180.00
15	2,850.00	L.F.	Remove Yellow Painted Traffic Stripe (Hazardous Waste)	\$1.50	\$ 4,275.00
16	41,260.00	LB.	Treated Wood Waste	\$0.20	\$ 8,252.00
17	-	EA.	Remove and Reset Paddleboards	\$600.00	\$ -
18	-	EA.	Remove and Reset C-Markers	\$700.00	\$ -
19	1.00	L.S.	Clearing and Grubbing	\$35,800.00	\$ 35,800.00
20	2,700.00	C.Y.	Roadway Excavation	\$29.00	\$ 78,300.00
21	760.00	C.Y.	Channel Excavation	\$25.00	\$ 19,000.00
22	930.00	C.Y.	Structure Excavation (Bridge)	\$38.00	\$ 35,340.00
23	610.00	C.Y.	Structure Backfill (Bridge)	\$115.00	\$ 70,150.00
24	95,000.00	S.F.	Dry Seed	\$0.10	\$ 9,500.00
25	1,050.00	L.F.	Fiber Rolls	\$19.00	\$ 19,950.00
26	2,950.00	C.Y.	Class 2 Aggregate Base	\$160.00	\$ 472,000.00
27	1,150.00	TON	Hot Mix Asphalt (Type A)	\$160.00	\$ 184,000.00
28	160.00	S.Y.	Geosynthetic Pavement Interlayer (Paving Fabric)	\$26.00	\$ 4,160.00
29	55.00	L.F.	Place Hot Mix Asphalt Dike (Type A)	\$33.00	\$ 1,815.00
30	13.00	S.Y.	Place Hot Mix Asphalt (Miscellaneous Area)	\$33.00	\$ 429.00
31	78.00	S.Y.	Cold Plane Asphalt Concrete Pavement	\$25.00	\$ 1,950.00
32	362.00	L.F.	24" Cast-In-Drilled-Hole Concrete Piling	\$725.00	\$ 262,450.00
33	67.00	C.Y.	Structural Concrete, Bridge Footing	\$2,000.00	\$ 134,000.00
34	117.00	C.Y.	Structural Concrete, Bridge	\$2,000.00	\$ 234,000.00
35	168.00	C.Y.	Structural Concrete, Bridge (Polymer Fiber)	\$1,800.00	\$ 302,400.00
36	103,310.00	LB.	Bar Reinforcing Steel (Bridge)	\$1.60	\$ 165,296.00
37	550.00	LB.	Bar Reinforcing Steel (Galvanized)	\$3.55	\$ 1,952.50
38	1.00	L.S.	Bridge Removal	\$80,000.00	\$ 80,000.00
39	-	L.F.	Temporary 24" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
40	-	L.F.	Temporary 30" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
41	420.00	L.F.	Temporary 36" Reinforced Concrete Pipe (Class V)	\$340.00	\$ 142,800.00
42	-	L.F.	Temporary 42" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
43	-	C.Y.	Rock Slope Protection (1/4 T, Class V, Method B) (CY)	\$310.00	\$ -
44	-	C.Y.	Rock Slope Protection (300 lb, Class IV, Method B) (CY)	\$310.00	\$ -
45	59.00	C.Y.	Rock Slope Protection (150 lb, Class III, Method B) (CY)	\$310.00	\$ 18,290.00
46	10.00	C.Y.	Rock Slope Protection (20 lb, Class I, Method B) (CY)	\$310.00	\$ 3,100.00
47	511.00	C.Y.	Rock Slope Protection (1/2 T, Class VII, Method B) (CY)	\$310.00	\$ 158,410.00
48	185.00	SQYD	Rock Slope Protection Fabric (Class 8)	\$20.00	\$ 3,700.00
49	-	C.Y.	Gravel Filter (Type A)	\$305.00	\$ -

50	91.00	C.Y.	Gravel Filter (Type B)	\$305.00	\$ 27,755.00
51	159.00	C.Y.	Gravel Filter (Type C)	\$305.00	\$ 48,495.00
52	-	C.Y.	Gravel Filter (Type D)	\$305.00	\$ -
53	2,600.00	S.Y.	Pulverize AC Surfacing	\$20.00	\$ 52,000.00
54	30.00	L.F.	Temporary Fence (Type CL-6)	\$25.00	\$ 750.00
55	4,350.00	L.F.	Desert Tortoise Fence	\$17.00	\$ 73,950.00
56	24.00	EA.	Delineator (Class 1)	\$75.00	\$ 1,800.00
57	2.00	EA.	Object Marker	\$75.00	\$ 150.00
58	4.00	EA.	Object Marker (Type P)	\$75.00	\$ 300.00
59	4.00	EA.	Temporary Object Marker (Type P)	\$75.00	\$ 300.00
60	2.00	EA.	Object Marker (Type L-1)	\$175.00	\$ 350.00
61	2.00	EA.	Remove Object Marker	\$50.00	\$ 100.00
62	-	EA.	Remove Roadside Sign	\$150.00	\$ -
63	-	EA.	Reset Roadside Sign	\$200.00	\$ -
64	175.00	L.F.	Midwest Guardrail System	\$72.00	\$ 12,600.00
65	335.00	S.Y.	Vegetation Control (Minor Concrete)	\$185.00	\$ 61,975.00
66	258.00	L.F.	Tubular Bicycle Railing	\$200.00	\$ 51,600.00
67	4.00	EA.	Transition Railing (Type AGT)	\$6,553.00	\$ 26,212.00
68	4.00	EA.	Alternative In-Line Terminal System	\$5,215.00	\$ 20,860.00
69	264.00	L.F.	Concrete Barrier (Type 85 Mod)	\$620.00	\$ 163,680.00
70	180.00	L.F.	Remove Guardrail	\$32.00	\$ 5,760.00
71	155.00	L.F.	Remove Concrete Barrier (Type K)	\$30.00	\$ 4,650.00
72	5,700.00	L.F.	Paint Traffic Stripe (2-Coat)	\$1.50	\$ 8,550.00
73	2,000.00	L.F.	Remove Painted Traffic Stripe	\$1.00	\$ 2,000.00

CONTRACT TOTAL:	\$ 3,368,362.54
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NATIONAL TRAILS HIGHWAY AT 10 BRIDGESProject: **BEACON**W.O. #: **H14913**Limits: **FROM EAST OF CRUCERO ROAD TO WEST
OF MOUNTAIN SPRINGS ROAD**

Item No.	Approx. Quant.	Meas. Unit	Item Description	Unit Price	Total
1	50,000.00	L.S.	Supplemental Work	\$1.00	\$ 50,000.00
2	1.00	E.A.	Federal Trainee Program	\$100.00	\$ 100.00
3	1.00	L.S.	Mobilization	\$235,000.00	\$ 235,000.00
4	1.00	L.S.	Resident Engineer's Office	\$10,000.04	\$ 10,000.04
5	1.00	L.S.	Lead Compliance Plan	\$200.00	\$ 200.00
6	1.00	L.S.	Construction Area Signs	\$3,500.00	\$ 3,500.00
7	1.00	L.S.	Develop Water Supply	\$10,000.00	\$ 10,000.00
8	1.00	L.S.	Traffic Control System	\$10,000.00	\$ 10,000.00
9	6.00	EA.	Type III Barricade	\$225.00	\$ 1,350.00
10	273.00	EA.	Plastic Traffic Drums	\$18.00	\$ 4,914.00
11	-	EA.	Portable Changeable Message Sign (PCMS)	\$18,000.00	\$ -
12	1,000.00	L.F.	Temporary Railing (Type K)	\$30.00	\$ 30,000.00
13	1.00	L.S.	Water Pollution Control Work	\$3,000.00	\$ 3,000.00
14	1.00	L.S.	Prepare Storm Water Pollution Prevention Plan (SWPPP)	\$180.00	\$ 180.00
15	5,400.00	L.F.	Remove Yellow Painted Traffic Stripe (Hazardous Waste)	\$1.50	\$ 8,100.00
16	27,780.00	LB.	Treated Wood Waste	\$0.20	\$ 5,556.00
17	-	EA.	Remove and Reset Paddleboards	\$600.00	\$ -
18	-	EA.	Remove and Reset C-Markers	\$700.00	\$ -
19	1.00	L.S.	Clearing and Grubbing	\$35,800.00	\$ 35,800.00
20	1,350.00	C.Y.	Roadway Excavation	\$29.00	\$ 39,150.00
21	455.00	C.Y.	Channel Excavation	\$25.00	\$ 11,375.00
22	1,100.00	C.Y.	Structure Excavation (Bridge)	\$38.00	\$ 41,800.00
23	760.00	C.Y.	Structure Backfill (Bridge)	\$115.00	\$ 87,400.00
24	38,333.00	S.F.	Dry Seed	\$0.10	\$ 3,833.30
25	240.00	L.F.	Fiber Rolls	\$19.00	\$ 4,560.00
26	1,200.00	C.Y.	Class 2 Aggregate Base	\$160.00	\$ 192,000.00
27	290.00	TON	Hot Mix Asphalt (Type A)	\$160.00	\$ 46,400.00
28	160.00	S.Y.	Geosynthetic Pavement Interlayer (Paving Fabric)	\$26.00	\$ 4,160.00
29	50.00	L.F.	Place Hot Mix Asphalt Dike (Type A)	\$33.00	\$ 1,650.00
30	7.00	S.Y.	Place Hot Mix Asphalt (Miscellaneous Area)	\$33.00	\$ 231.00
31	420.00	S.Y.	Cold Plane Asphalt Concrete Pavement	\$25.00	\$ 10,500.00
32	-	L.F.	24" Cast-In-Drilled-Hole Concrete Piling	\$725.00	\$ -
33	43.00	C.Y.	Structural Concrete, Bridge Footing	\$2,000.00	\$ 86,000.00
34	101.00	C.Y.	Structural Concrete, Bridge	\$2,000.00	\$ 202,000.00
35	113.00	C.Y.	Structural Concrete, Bridge (Polymer Fiber)	\$1,800.00	\$ 203,400.00
36	57,600.00	LB.	Bar Reinforcing Steel (Bridge)	\$1.60	\$ 92,160.00
37	550.00	LB.	Bar Reinforcing Steel (Galvanized)	\$3.55	\$ 1,952.50
38	1.00	L.S.	Bridge Removal	\$80,000.00	\$ 80,000.00
39	205.00	L.F.	Temporary 24" Reinforced Concrete Pipe (Class V)	\$340.00	\$ 69,700.00
40	-	L.F.	Temporary 30" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
41	-	L.F.	Temporary 36" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
42	-	L.F.	Temporary 42" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
43	-	C.Y.	Rock Slope Protection (1/4 T, Class V, Method B) (CY)	\$310.00	\$ -
44	208.00	C.Y.	Rock Slope Protection (300 lb, Class IV, Method B) (CY)	\$310.00	\$ 64,480.00
45	33.00	C.Y.	Rock Slope Protection (150 lb, Class III, Method B) (CY)	\$310.00	\$ 10,230.00
46	13.00	C.Y.	Rock Slope Protection (20 lb, Class I, Method B) (CY)	\$310.00	\$ 4,030.00
47	-	C.Y.	Rock Slope Protection (1/2 T, Class VII, Method B) (CY)	\$310.00	\$ -
48	125.00	SQYD	Rock Slope Protection Fabric (Class 8)	\$20.00	\$ 2,500.00
49	47.00	C.Y.	Gravel Filter (Type A)	\$305.00	\$ 14,335.00

50	44.00	C.Y.	Gravel Filter (Type B)	\$305.00	\$ 13,420.00
51	55.00	C.Y.	Gravel Filter (Type C)	\$305.00	\$ 16,775.00
52	-	C.Y.	Gravel Filter (Type D)	\$305.00	\$ -
53	-	S.Y.	Pulverize AC Surfacing	\$20.00	\$ -
54	30.00	L.F.	Temporary Fence (Type CL-6)	\$25.00	\$ 750.00
55	3,700.00	L.F.	Desert Tortoise Fence	\$17.00	\$ 62,900.00
56	24.00	EA.	Delineator (Class 1)	\$75.00	\$ 1,800.00
57	2.00	EA.	Object Marker	\$75.00	\$ 150.00
58	4.00	EA.	Object Marker (Type P)	\$75.00	\$ 300.00
59	4.00	EA.	Temporary Object Marker (Type P)	\$75.00	\$ 300.00
60	2.00	EA.	Object Marker (Type L-1)	\$175.00	\$ 350.00
61	2.00	EA.	Remove Object Marker	\$50.00	\$ 100.00
62	2.00	EA.	Remove Roadside Sign	\$150.00	\$ 300.00
63	-	EA.	Reset Roadside Sign	\$200.00	\$ -
64	175.00	L.F.	Midwest Guardrail System	\$72.00	\$ 12,600.00
65	305.00	S.Y.	Vegetation Control (Minor Concrete)	\$185.00	\$ 56,425.00
66	160.00	L.F.	Tubular Bicycle Railing	\$200.00	\$ 32,000.00
67	4.00	EA.	Transition Railing (Type AGT)	\$6,553.00	\$ 26,212.00
68	4.00	EA.	Alternative In-Line Terminal System	\$5,215.00	\$ 20,860.00
69	166.00	L.F.	Concrete Barrier (Type 85 Mod)	\$620.00	\$ 102,920.00
70	275.00	L.F.	Remove Guardrail	\$32.00	\$ 8,800.00
71	-	L.F.	Remove Concrete Barrier (Type K)	\$30.00	\$ -
72	3,600.00	L.F.	Paint Traffic Stripe (2-Coat)	\$1.50	\$ 5,400.00
73	2,400.00	L.F.	Remove Painted Traffic Stripe	\$1.00	\$ 2,400.00

CONTRACT TOTAL:	\$ 2,046,308.84
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NATIONAL TRAILS HIGHWAY AT 10 BRIDGESProject: **LARISSA**W.O. #: **H14916**Limits: **FROM EAST OF CRUCERO ROAD TO WEST
OF MOUNTAIN SPRINGS ROAD**

Item No.	Approx. Quant.	Meas. Unit	Item Description	Unit Price	Total
1	50,000.00	L.S.	Supplemental Work	\$1.00	\$ 50,000.00
2	1.00	E.A.	Federal Trainee Program	\$100.00	\$ 100.00
3	1.00	L.S.	Mobilization	\$235,000.00	\$ 235,000.00
4	1.00	L.S.	Resident Engineer's Office	\$10,000.04	\$ 10,000.04
5	1.00	L.S.	Lead Compliance Plan	\$200.00	\$ 200.00
6	1.00	L.S.	Construction Area Signs	\$3,500.00	\$ 3,500.00
7	1.00	L.S.	Develop Water Supply	\$10,000.00	\$ 10,000.00
8	1.00	L.S.	Traffic Control System	\$10,000.00	\$ 10,000.00
9	6.00	EA.	Type III Barricade	\$225.00	\$ 1,350.00
10	285.00	EA.	Plastic Traffic Drums	\$18.00	\$ 5,130.00
11	2.00	EA.	Portable Changeable Message Sign (PCMS)	\$18,000.00	\$ 36,000.00
12	740.00	L.F.	Temporary Railing (Type K)	\$30.00	\$ 22,200.00
13	1.00	L.S.	Water Pollution Control Work	\$3,000.00	\$ 3,000.00
14	1.00	L.S.	Prepare Storm Water Pollution Prevention Plan (SWPPP)	\$180.00	\$ 180.00
15	2,400.00	L.F.	Remove Yellow Painted Traffic Stripe (Hazardous Waste)	\$1.50	\$ 3,600.00
16	26,400.00	LB.	Treated Wood Waste	\$0.20	\$ 5,280.00
17	-	EA.	Remove and Reset Paddleboards	\$600.00	\$ -
18	1.00	EA.	Remove and Reset C-Markers	\$700.00	\$ 700.00
19	1.00	L.S.	Clearing and Grubbing	\$35,800.00	\$ 35,800.00
20	2,100.00	C.Y.	Roadway Excavation	\$29.00	\$ 60,900.00
21	365.00	C.Y.	Channel Excavation	\$25.00	\$ 9,125.00
22	1,200.00	C.Y.	Structure Excavation (Bridge)	\$38.00	\$ 45,600.00
23	900.00	C.Y.	Structure Backfill (Bridge)	\$115.00	\$ 103,500.00
24	40,000.00	S.F.	Dry Seed	\$0.10	\$ 4,000.00
25	160.00	L.F.	Fiber Rolls	\$19.00	\$ 3,040.00
26	1,500.00	C.Y.	Class 2 Aggregate Base	\$160.00	\$ 240,000.00
27	290.00	TON	Hot Mix Asphalt (Type A)	\$160.00	\$ 46,400.00
28	160.00	S.Y.	Geosynthetic Pavement Interlayer (Paving Fabric)	\$26.00	\$ 4,160.00
29	50.00	L.F.	Place Hot Mix Asphalt Dike (Type A)	\$33.00	\$ 1,650.00
30	7.00	S.Y.	Place Hot Mix Asphalt (Miscellaneous Area)	\$33.00	\$ 231.00
31	630.00	S.Y.	Cold Plane Asphalt Concrete Pavement	\$25.00	\$ 15,750.00
32	-	L.F.	24" Cast-In-Drilled-Hole Concrete Piling	\$725.00	\$ -
33	43.00	C.Y.	Structural Concrete, Bridge Footing	\$2,000.00	\$ 86,000.00
34	102.00	C.Y.	Structural Concrete, Bridge	\$2,000.00	\$ 204,000.00
35	113.00	C.Y.	Structural Concrete, Bridge (Polymer Fiber)	\$1,800.00	\$ 203,400.00
36	60,090.00	LB.	Bar Reinforcing Steel (Bridge)	\$1.60	\$ 96,144.00
37	550.00	LB.	Bar Reinforcing Steel (Galvanized)	\$3.55	\$ 1,952.50
38	1.00	L.S.	Bridge Removal	\$80,000.00	\$ 80,000.00
39	-	L.F.	Temporary 24" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
40	-	L.F.	Temporary 30" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
41	-	L.F.	Temporary 36" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
42	-	L.F.	Temporary 42" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
43	-	C.Y.	Rock Slope Protection (1/4 T, Class V, Method B) (CY)	\$310.00	\$ -
44	257.00	C.Y.	Rock Slope Protection (300 lb, Class IV, Method B) (CY)	\$310.00	\$ 79,670.00
45	-	C.Y.	Rock Slope Protection (150 lb, Class III, Method B) (CY)	\$310.00	\$ -
46	11.00	C.Y.	Rock Slope Protection (20 lb, Class I, Method B) (CY)	\$310.00	\$ 3,410.00
47	-	C.Y.	Rock Slope Protection (1/2 T, Class VII, Method B) (CY)	\$310.00	\$ -
48	17.00	SQYD	Rock Slope Protection Fabric (Class 8)	\$20.00	\$ 340.00
49	57.00	C.Y.	Gravel Filter (Type A)	\$305.00	\$ 17,385.00

50	53.00	C.Y.	Gravel Filter (Type B)	\$305.00	\$ 16,165.00
51	64.00	C.Y.	Gravel Filter (Type C)	\$305.00	\$ 19,520.00
52	-	C.Y.	Gravel Filter (Type D)	\$305.00	\$ -
53	-	S.Y.	Pulverize AC Surfacing	\$20.00	\$ -
54	30.00	L.F.	Temporary Fence (Type CL-6)	\$25.00	\$ 750.00
55	3,300.00	L.F.	Desert Tortoise Fence	\$17.00	\$ 56,100.00
56	24.00	EA.	Delineator (Class 1)	\$75.00	\$ 1,800.00
57	2.00	EA.	Object Marker	\$75.00	\$ 150.00
58	4.00	EA.	Object Marker (Type P)	\$75.00	\$ 300.00
59	4.00	EA.	Temporary Object Marker (Type P)	\$75.00	\$ 300.00
60	2.00	EA.	Object Marker (Type L-1)	\$175.00	\$ 350.00
61	2.00	EA.	Remove Object Marker	\$50.00	\$ 100.00
62	2.00	EA.	Remove Roadside Sign	\$150.00	\$ 300.00
63	2.00	EA.	Reset Roadside Sign	\$200.00	\$ 400.00
64	175.00	L.F.	Midwest Guardrail System	\$72.00	\$ 12,600.00
65	310.00	S.Y.	Vegetation Control (Minor Concrete)	\$185.00	\$ 57,350.00
66	153.00	L.F.	Tubular Bicycle Railing	\$200.00	\$ 30,600.00
67	4.00	EA.	Transition Railing (Type AGT)	\$6,553.00	\$ 26,212.00
68	4.00	EA.	Alternative In-Line Terminal System	\$5,215.00	\$ 20,860.00
69	159.00	L.F.	Concrete Barrier (Type 85 Mod)	\$620.00	\$ 98,580.00
70	280.00	L.F.	Remove Guardrail	\$32.00	\$ 8,960.00
71	-	L.F.	Remove Concrete Barrier (Type K)	\$30.00	\$ -
72	4,800.00	L.F.	Paint Traffic Stripe (2-Coat)	\$1.50	\$ 7,200.00
73	3,500.00	L.F.	Remove Painted Traffic Stripe	\$1.00	\$ 3,500.00

CONTRACT TOTAL:	\$ 2,100,794.54
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NATIONAL TRAILS HIGHWAY AT 10 BRIDGES

Project: **ADENA**

W.O. #: **H14853**

Limits: **FROM EAST OF CRUCERO ROAD TO WEST
OF MOUNTAIN SPRINGS ROAD**

Item No.	Approx. Quant.	Meas. Unit	Item Description	Unit Price	Total
1	50,000.00	L.S.	Supplemental Work	\$1.00	\$ 50,000.00
2	2.00	E.A.	Federal Trainee Program	\$100.00	\$ 200.00
3	1.00	L.S.	Mobilization	\$235,000.00	\$ 235,000.00
4	1.00	L.S.	Resident Engineer's Office	\$10,000.04	\$ 10,000.04
5	1.00	L.S.	Lead Compliance Plan	\$200.00	\$ 200.00
6	1.00	L.S.	Construction Area Signs	\$3,500.00	\$ 3,500.00
7	1.00	L.S.	Develop Water Supply	\$10,000.00	\$ 10,000.00
8	1.00	L.S.	Traffic Control System	\$10,000.00	\$ 10,000.00
9	6.00	EA.	Type III Barricade	\$225.00	\$ 1,350.00
10	351.00	EA.	Plastic Traffic Drums	\$18.00	\$ 6,318.00
11	2.00	EA.	Portable Changeable Message Sign (PCMS)	\$18,000.00	\$ 36,000.00
12	740.00	L.F.	Temporary Railing (Type K)	\$30.00	\$ 22,200.00
13	1.00	L.S.	Water Pollution Control Work	\$3,000.00	\$ 3,000.00
14	1.00	L.S.	Prepare Storm Water Pollution Prevention Plan (SWPPP)	\$180.00	\$ 180.00
15	2,050.00	L.F.	Remove Yellow Painted Traffic Stripe (Hazardous Waste)	\$1.50	\$ 3,075.00
16	22,640.00	LB.	Treated Wood Waste	\$0.20	\$ 4,528.00
17	-	EA.	Remove and Reset Paddleboards	\$600.00	\$ -
18	2.00	EA.	Remove and Reset C-Markers	\$700.00	\$ 1,400.00
19	1.00	L.S.	Clearing and Grubbing	\$35,800.00	\$ 35,800.00
20	3,450.00	C.Y.	Roadway Excavation	\$29.00	\$ 100,050.00
21	940.00	C.Y.	Channel Excavation	\$25.00	\$ 23,500.00
22	1,200.00	C.Y.	Structure Excavation (Bridge)	\$38.00	\$ 45,600.00
23	850.00	C.Y.	Structure Backfill (Bridge)	\$115.00	\$ 97,750.00
24	48,333.00	S.F.	Dry Seed	\$0.10	\$ 4,833.30
25	1,000.00	L.F.	Fiber Rolls	\$19.00	\$ 19,000.00
26	1,400.00	C.Y.	Class 2 Aggregate Base	\$160.00	\$ 224,000.00
27	410.00	TON	Hot Mix Asphalt (Type A)	\$160.00	\$ 65,600.00
28	160.00	S.Y.	Geosynthetic Pavement Interlayer (Paving Fabric)	\$26.00	\$ 4,160.00
29	50.00	L.F.	Place Hot Mix Asphalt Dike (Type A)	\$33.00	\$ 1,650.00
30	26.00	S.Y.	Place Hot Mix Asphalt (Miscellaneous Area)	\$33.00	\$ 858.00
31	270.00	S.Y.	Cold Plane Asphalt Concrete Pavement	\$25.00	\$ 6,750.00
32	180.00	L.F.	24" Cast-In-Drilled-Hole Concrete Piling	\$725.00	\$ 130,500.00
33	67.00	C.Y.	Structural Concrete, Bridge Footing	\$2,000.00	\$ 134,000.00
34	169.00	C.Y.	Structural Concrete, Bridge	\$2,000.00	\$ 338,000.00
35	138.00	C.Y.	Structural Concrete, Bridge (Polymer Fiber)	\$1,800.00	\$ 248,400.00
36	81,720.00	LB.	Bar Reinforcing Steel (Bridge)	\$1.60	\$ 130,752.00
37	550.00	LB.	Bar Reinforcing Steel (Galvanized)	\$3.55	\$ 1,952.50
38	1.00	L.S.	Bridge Removal	\$80,000.00	\$ 80,000.00
39	-	L.F.	Temporary 24" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
40	-	L.F.	Temporary 30" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
41	-	L.F.	Temporary 36" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
42	-	L.F.	Temporary 42" Reinforced Concrete Pipe (Class V)	\$340.00	\$ -
43	469.00	C.Y.	Rock Slope Protection (1/4 T, Class V, Method B) (CY)	\$310.00	\$ 145,390.00
44	-	C.Y.	Rock Slope Protection (300 lb, Class IV, Method B) (CY)	\$310.00	\$ -
45	-	C.Y.	Rock Slope Protection (150 lb, Class III, Method B) (CY)	\$310.00	\$ -
46	2.00	C.Y.	Rock Slope Protection (20 lb, Class I, Method B) (CY)	\$310.00	\$ 620.00
47	-	C.Y.	Rock Slope Protection (1/2 T, Class VII, Method B) (CY)	\$310.00	\$ -
48	4.00	SQYD	Rock Slope Protection Fabric (Class 8)	\$20.00	\$ 80.00
49	-	C.Y.	Gravel Filter (Type A)	\$305.00	\$ -

50	88.00	C.Y.	Gravel Filter (Type B)	\$305.00	\$ 26,840.00
51	110.00	C.Y.	Gravel Filter (Type C)	\$305.00	\$ 33,550.00
52	-	C.Y.	Gravel Filter (Type D)	\$305.00	\$ -
53	-	S.Y.	Pulverize AC Surfacing	\$20.00	\$ -
54	30.00	L.F.	Temporary Fence (Type CL-6)	\$25.00	\$ 750.00
55	3,600.00	L.F.	Desert Tortoise Fence	\$17.00	\$ 61,200.00
56	24.00	EA.	Delineator (Class 1)	\$75.00	\$ 1,800.00
57	2.00	EA.	Object Marker	\$75.00	\$ 150.00
58	4.00	EA.	Object Marker (Type P)	\$75.00	\$ 300.00
59	4.00	EA.	Temporary Object Marker (Type P)	\$75.00	\$ 300.00
60	2.00	EA.	Object Marker (Type L-1)	\$175.00	\$ 350.00
61	2.00	EA.	Remove Object Marker	\$50.00	\$ 100.00
62	2.00	EA.	Remove Roadside Sign	\$150.00	\$ 300.00
63	-	EA.	Reset Roadside Sign	\$200.00	\$ -
64	175.00	L.F.	Midwest Guardrail System	\$72.00	\$ 12,600.00
65	285.00	S.Y.	Vegetation Control (Minor Concrete)	\$185.00	\$ 52,725.00
66	217.00	L.F.	Tubular Bicycle Railing	\$200.00	\$ 43,400.00
67	4.00	EA.	Transition Railing (Type AGT)	\$6,553.00	\$ 26,212.00
68	4.00	EA.	Alternative In-Line Terminal System	\$5,215.00	\$ 20,860.00
69	223.00	L.F.	Concrete Barrier (Type 85 Mod)	\$620.00	\$ 138,260.00
70	-	L.F.	Remove Guardrail	\$32.00	\$ -
71	440.00	L.F.	Remove Concrete Barrier (Type K)	\$30.00	\$ 13,200.00
72	4,050.00	L.F.	Paint Traffic Stripe (2-Coat)	\$1.50	\$ 6,075.00
73	2,650.00	L.F.	Remove Painted Traffic Stripe	\$1.00	\$ 2,650.00

CONTRACT TOTAL:	\$ 2,677,818.84
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ARTICLE III. County hereby promises and agrees with Contractor to employ and does hereby employ Contractor to provide the materials and to do the work according to the terms and conditions herein contained and referred to, for the prices aforesaid, and thereby contracts to pay the same at the time, in the manner and upon conditions above set forth, and said parties hereto for themselves, their heirs, executors, administrators, successors and assigns do hereby agree to the full performance of the covenants herein contained.

ARTICLE IV. Contractor shall accept all payments from County via electronic funds transfer (EFT) directly deposited into the Contractor's designated checking or other banking account. Contractor shall promptly comply with directions and accurately complete forms provided by County required to process EFT payments.

ARTICLE V. Contractor may, upon written request and at their expense, deposit substitute securities found in Government Code Section 16430 as authorized by Public Contract Code Section 22300 in lieu of retention monies withheld to insure performance.

ARTICLE VI. It is further expressly agreed by and between the parties hereto that, should there be any conflict between the terms of this instrument and the bid or proposal of said Contractor, then this instrument shall control and nothing herein shall be considered as an acceptance of the said terms of said proposal conflicting herewith.

ARTICLE VII. During the term of the Contract, Contractor shall not discriminate against any employee or applicant for employment because of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, genetic information, marital status, sex, gender, gender identity, gender expression, sexual orientation, age, or military and veteran status. Contractor shall comply with Executive Orders 11246, 11375, 11625, 12138, 12432, 12250, Title VI and Title VII of the Civil Rights Act of 1964, the California Fair Housing and Employment Act, County Policy and other applicable federal, state and County laws, regulations and policies relating to equal employment and contracting opportunities, including laws and regulations hereafter enacted.

ARTICLE VIII. Contractor shall comply with the provisions found in Exhibit "A," entitled, "Prevailing Wage Requirements, Required Contract Provisions [Federal Form 1273] Federal-Aid Construction Contracts, Female and Minority Goals, and Federal Trainee Program," attached to this Contract and incorporated herein by this reference.

ARTICLE IX. By my signature hereunder, as Contractor, I certify that I am aware of the provisions of Section 3700 of the Labor Code which requires every employer to be insured against liability for Workers Compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this agreement.

ARTICLE X. By my signature hereunder, as Contractor, I certify that I am aware of the provisions and requirements of Sections 1777.5 and 1777.7 of the Labor Code relating to apprenticeship standards; and that I accept responsibility for compliance with the provisions of Section 1777.5 for all apprenticeable occupations pertaining to performance of work under this agreement.

ARTICLE XI. By my signature hereunder, as Contractor, I agree that County has the right to review, obtain and copy all records pertaining to performance of the contract. I agree to provide County with any relevant information requested and shall permit County access to company's premises upon reasonable notice for purposes on interviewing employees and inspecting records. I shall maintain all project records for at least three (3) years after final payment under the agreement.

ARTICLE XII. Contractor shall comply with the Prevailing Wage Laws described in this Agreement, including Exhibit A. As required by Labor Code section 1771.1(a) "A contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Section 1725.5. It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded."

ARTICLE XIII. The Contractor agrees:

(1) To utilize privately owned United States-flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carries, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to this contract, to the extent such vessels are available at fair and reasonable rates for United States-flag commercial vessels.

(2) To furnish within 20 days following the date of loading for shipments originating within the United State or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated "on-board" commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph (1) of this section to both the Contracting Officer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Division of National Cargo, Office of Market Development, Maritime Administration, Washington, DC 20590.

(3) To insert the substance of the provisions of this clause in all subcontracts issued pursuant to this contract.

By my signature hereunder, as Contractor, I certify that I am aware of the above provisions and requirements of the Cargo Preference Act and understand that the County may require Contractor to provide proof of the Contractor's/Subcontractor's compliance with the Cargo Preference Act acceptable to County, the California Department of Transportation and the U.S. Department of Transportation ("FHWA"). At the County Engineer's direction, Contractor shall certify in writing to County that Contractor and/or its subcontractors has/have complied with the Cargo Preference Act.

ARTICLE XIV. This Contract may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, and such counterparts shall together constitute one and the same Contract. The parties shall be entitled to sign and transmit an electronic signature of this Contract (whether by facsimile, PDF or other email transmission), which signature shall be binding on the party whose name is contained therein. Each party providing an electronic signature agrees to promptly execute and deliver to the other party an original signed Contract upon request.

[illegible]

SAN BERNARDINO COUNTY

►

Dawn Rowe, Chair, Board of Supervisors

Dated: _____

SIGNED AND CERTIFIED THAT A COPY OF THIS
DOCUMENT HAS BEEN DELIVERED TO THE
CHAIRMAN OF THE BOARD

Lynna Monell
Clerk of the Board of Supervisors
of San Bernardino County

By _____
Deputy

Granite Construction Company

(Print or type name of corporation, company, contractor, etc.)

By ► _____
(Authorized signature - sign in blue ink)

Name Joseph P. Richardson
(Print or type name of person signing contract)

Title Regional Chief Estimator
(Print or Type)

Dated: _____

Address 38000 Monroe Street,
Indio, CA 92203

FOR COUNTY USE ONLY

Approved as to Legal Form

►

Aaron Gest, Deputy County Counsel

Date _____

Reviewed for Contract Compliance

►

Andy Silao, P.E., Chief

Date _____

Reviewed/Approved by Department

►

Noel Castillo, Director

Date _____

**EXHIBIT A - PREVAILING WAGE REQUIREMENTS, REQUIRED CONTRACT PROVISIONS
FEDERAL-AID CONSTRUCTION CONTRACTS, FEMALE AND MINORITY GOALS, AND
FEDERAL TRAINEE PROGRAM**

A. All or a portion of the Scope of Work in the Contract requires the payment of prevailing wages and compliance with the following requirements:

1. Determination of Prevailing Rates:

Pursuant to Labor Code sections 1770, et seq., the County has obtained from the Director of the Department of Industrial Relations (DIR) pursuant to the California Labor Code, the general prevailing rates of per diem wages and the prevailing rates for holiday and overtime work in the locality in which the Scope of Work is to be performed. Copies of said rates are on file with the County, will be made available for inspection during regular business hours, may be included elsewhere in the specifications for the Scope of Work, and are also available online at www.dir.ca.gov. The wage rate for any classification not listed, but which may be required to execute the Scope of Work, shall be commensurate and in accord with specified rates for similar or comparable classifications for those performing similar or comparable duties. In accordance with Labor Code section 1773.2, the Contractor shall post, at appropriate and conspicuous locations on the job site, a schedule showing all applicable prevailing wage rates and shall comply with the requirements of Labor Code sections 1773, et seq.

2. Payment of Prevailing Rates

Each worker of the Contractor, or any subcontractor, engaged in the Scope of Work, shall be paid not less than the general prevailing wage rate, regardless of any contractual relationship which may be alleged to exist between the Contractor or any subcontractor, and such worker.

3. Prevailing Rate Penalty

The Contractor shall, as a penalty, forfeit two hundred dollars (\$200.00) to the County for each calendar day or portion thereof, for each worker paid less than the prevailing rates as determined by the Director of the DIR for such work or craft in which such worker is employed by the Contractor or by any subcontractor in connection with the Scope of Work. Pursuant to California Labor Code section 1775, the difference between such prevailing wage rates and the amount paid to each worker for each calendar day, or portion thereof, for which each worker was paid less than the prevailing wage rate, shall be paid to each worker by the Contractor.

4. Ineligible Contractors:

Pursuant to the provisions of Labor Code section 1777.1, the Labor Commissioner publishes and distributes a list of contractors ineligible to perform work as a contractor or subcontractor on a public works project. This list of debarred contractors is available from the DIR website at <http://www.dir.ca.gov/Public-Works/PublicWorks.html>. Any contract entered into between a contractor and a debarred subcontractor is void as a matter of law. A debarred subcontractor may not receive any public money for performing work as a subcontractor on a public works contract, and any public money that may have been paid to a debarred subcontractor by a contractor on the project shall be returned to the County. The Contractor shall be responsible for the payment of wages to workers as a debarred subcontractor who has been allowed to work on the Scope of Work.

5. Payroll Records:

- a. Pursuant to California Labor Code section 1776, the Contractor and each subcontractor, shall keep accurate certified payroll records, showing the name, address, social security number, work classification, straight time and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker or other employee employed by them in connection with the Scope of Work. The payroll records enumerated herein shall be verified by a written declaration made under penalty of perjury that the information contained in the payroll record is true and correct and that the Contractor or subcontractor has complied with the requirements of the California Labor Code sections 1771, 1811, and 1815 for any Scope of Work performed by his or her employees. The payroll records shall be available for inspection at all reasonable hours at the principal office of the Contractor on the following basis:

- i. A certified copy of an employee's payroll record shall be made available for inspection or furnished to such employee or his/her authorized representative on request;

- ii. A certified copy of all payroll records shall be made available for inspection or furnished upon request to the County, the Division of Labor Standards Enforcement of the DIR;
 - iii. A certified copy of payroll records shall be made available upon request to the public for inspection or copies thereof made; provided, however, that a request by the public shall be made through either the County or the Division of Labor Standards Enforcement. If the requested payroll records have not been previously provided to the County or the Division of Labor Standards Enforcement, the requesting party shall, prior to being provided the records, reimburse the cost of preparation by the Contractor, subcontractor and the entity through which the request was made; the public shall not be given access to such records at the principal office of the Contractor;
 - iv. The Contractor shall file a certified copy of the payroll records with the entity that requested such records within ten (10) days after receipt of a written request; and
 - v. Copies provided to the public, by the County or the Division of Labor Standards Enforcement shall be marked or obliterated in such a manner as to prevent disclosure of an individual's name, address and social security number. The name and address of the Contractor or any subcontractor, performing a part of the Scope of Work shall not be marked or obliterated. The Contractor shall inform the County of the location of payroll records, including the street address, city and county and shall, within five (5) working days, provide a notice of a change of location and address.
- b. The Contractor shall have ten (10) days from receipt of the written notice specifying in what respects the Contractor must comply with the above requirements. In the event Contractor does not comply with the requirements of this section within the ten (10) day period, the Contractor shall, as a penalty to the County, forfeit one-hundred dollars (\$100.00) for each calendar day, or portion thereof, for each worker, until strict compliance is effectuated. Upon the request of the Division of Labor Standards Enforcement, such penalty shall be withheld from any portion of the payments then due or to become due to the Contractor.

6. Limits on Hours of Work:

Pursuant to California Labor Code section 1810, eight (8) hours of labor shall constitute a legal day's work. Pursuant to California Labor Code section 1811, the time of service of any worker employed at any time by the Contractor or by a subcontractor, upon the Scope of Work or upon any part of the Scope of Work, is limited and restricted to eight (8) hours during any one calendar day and forty (40) hours during any one calendar week, except as provided for under Labor Code section 1815. Notwithstanding the foregoing provisions, work performed by employees of Contractor or any subcontractor, in excess of eight (8) hours per day and forty (40) hours during any one week, shall be permitted upon compensation for all hours worked in excess of eight (8) hours per day at not less than one and one-half (1½) times the basic rate of pay.

7. Penalty for Excess Hours:

The Contractor shall pay to the County a penalty of twenty-five dollars (\$25.00) for each worker employed on the Scope of Work by the Contractor or any subcontractor, for each calendar day during which such worker is required or permitted to work more than eight (8) hours in any calendar day and forty (40) hours in any one calendar week, in violation of the provisions of the California Labor Code, unless compensation to the worker so employed by the Contractor is not less than one and one-half (1½) times the basic rate of pay for all hours worked in excess of eight (8) hours per day.

8. Senate Bill 854 (Chapter 28, Statutes of 2014) and Senate Bill 96 (Chapter 28, Statutes of 2017) Requirements:

- a. Contractor shall comply with Senate Bill 854 and Senate Bill 96. The requirements include, but are not limited to, the following:
 - i. No contractor or subcontractor may be listed on a bid proposal (submitted on or after March 1, 2015) for a public works project unless registered with the DIR pursuant to Labor Code section 1725.5, with limited exceptions from this requirements for bid purposes only as allowed under Labor Code section 1771.1(a).
 - ii. No contractor or subcontractor may be awarded a contract for public work or perform work on a public works project (awarded on or after April 1, 2015) unless registered with the DIR pursuant to Labor Code section 1725.5.

- iii. This project is subject to compliance monitoring and enforcement by the DIR.
 - iv. As required by the DIR, Contractor is required to post job site notices, as prescribed by regulation, regarding compliance monitoring and enforcement by the DIR.
 - v. Contractors and all subcontractors must submit certified payroll records online to the Labor Commissioner for all new public works projects issued on or after April 1, 2015, and for all public works projects, new or ongoing, on or after January 1, 2016.
 - 1) The certified payroll must be submitted at least monthly to the Labor Commissioner.
 - 2) The County reserves the right to require Contractor and all subcontractors to submit certified payroll records more frequently than monthly to the Labor Commissioner.
 - 3) The certified payroll records must be in a format prescribed by the Labor Commissioner.
 - vi. Registration with the DIR and the submission of certified payroll records to the Labor Commissioner are not required if the public works project is \$25,000 or less when the project is for construction, alteration, demolition, installation or repair work, or if the public works project is \$15,000 or less when the project is for maintenance work.
- b. Labor Code section 1725.5 states the following:
- “A contractor shall be registered pursuant to this section to be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any public work contract that is subject to the requirements of this chapter. For the purposes of this section, “contractor” includes a subcontractor as defined by Section 1722.1.
- (a) To qualify for registration under this section, a contractor shall do all of the following:
- (1) (A) Register with the Department of Industrial Relations in the manner prescribed by the department and pay an initial nonrefundable application fee of four hundred dollars (\$400) to qualify for registration under this section and an annual renewal fee on or before July 1 of each year thereafter. The annual renewal fee shall be in a uniform amount set by the Director of Industrial Relations, and the initial registration and renewal fees may be adjusted no more than annually by the director to support the costs specified in Section 1771.3.
- (B) Beginning June 1, 2019, a contractor may register or renew according to this subdivision in annual increments up to three years from the date of registration. Contractors who wish to do so will be required to prepay the applicable nonrefundable application or renewal fees to qualify for the number of years for which they wish to preregister.
- (2) Provide evidence, disclosures, or releases as are necessary to establish all of the following:
- (A) Workers' compensation coverage that meets the requirements of Division 4 (commencing with Section 3200) and includes sufficient coverage for any worker whom the contractor employs to perform work that is subject to prevailing wage requirements other than a contractor who is separately registered under this section. Coverage may be evidenced by a current and valid certificate of workers' compensation insurance or certification of self-insurance required under Section 7125 of the Business and Professions Code.
- (B) If applicable, the contractor is licensed in accordance with Chapter 9 (commencing with Section 7000) of the Business and Professions Code.
- (C) The contractor does not have any delinquent liability to an employee or the state for any assessment of back wages or related damages, interest, fines, or penalties pursuant to any final judgment, order, or determination by a court or any federal, state, or local administrative agency, including a confirmed arbitration award. However, for purposes of this paragraph, the contractor shall not be disqualified for any judgment, order, or determination that is under appeal, provided that the contractor has secured the payment of any amount eventually found due through a bond or other appropriate means.
- (D) The contractor is not currently debarred under Section 1777.1 or under any other federal or state law providing for the debarment of contractors from public works.

(E) The contractor has not bid on a public works contract, been listed in a bid proposal, or engaged in the performance of a contract for public works without being lawfully registered in accordance with this section, within the preceding 12 months or since the effective date of the requirements set forth in subdivision (e), whichever is earlier. If a contractor is found to be in violation of the requirements of this paragraph, the period of disqualification shall be waived if both of the following are true:

(i) The contractor has not previously been found to be in violation of the requirements of this paragraph within the preceding 12 months.

(ii) The contractor pays an additional nonrefundable penalty registration fee of two thousand dollars (\$2,000).

(b) Fees received pursuant to this section shall be deposited in the State Public Works Enforcement Fund established by Section 1771.3 and shall be used only for the purposes specified in that section.

(c) A contractor who fails to pay the renewal fee required under paragraph (1) of subdivision (a) on or before the expiration of any prior period of registration shall be prohibited from bidding on or engaging in the performance of any contract for public work until once again registered pursuant to this section. If the failure to pay the renewal fee was inadvertent, the contractor may renew its registration retroactively by paying an additional nonrefundable penalty renewal fee equal to the amount of the renewal fee within 90 days of the due date of the renewal fee.

(d) If, after a body awarding a contract accepts the contractor's bid or awards the contract, the work covered by the bid or contract is determined to be a public work to which Section 1771 applies, either as the result of a determination by the director pursuant to Section 1773.5 or a court decision, the requirements of this section shall not apply, subject to the following requirements:

(1) The body that awarded the contract failed, in the bid specification or in the contract documents, to identify as a public work that portion of the work that the determination or decision subsequently classifies as a public work.

(2) Within 20 days following service of notice on the awarding body of a determination by the Director of Industrial Relations pursuant to Section 1773.5 or a decision by a court that the contract was for public work as defined in this chapter, the contractor and any subcontractors are registered under this section or are replaced by a contractor or subcontractors who are registered under this section.

(3) The requirements of this section shall apply prospectively only to any subsequent bid, bid proposal, contract, or work performed after the awarding body is served with notice of the determination or decision referred to in paragraph (2).

(e) The requirements of this section shall apply to any bid proposal submitted on or after March 1, 2015, to any contract for public work, as defined in this chapter, executed on or after April 1, 2015, and to any work performed under a contract for public work on or after January 1, 2018, regardless of when the contract for public work was executed.

(f) This section does not apply to work performed on a public works project of twenty-five thousand dollars (\$25,000) or less when the project is for construction, alteration, demolition, installation, or repair work or to work performed on a public works project of fifteen thousand dollars (\$15,000) or less when the project is for maintenance work."

c. Labor Code section 1771.1 states the following:

"(a) A contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Section 1725.5. It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the

contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded.

(b) Notice of the requirement described in subdivision (a) shall be included in all bid invitations and public works contracts, and a bid shall not be accepted nor any contract or subcontract entered into without proof of the contractor or subcontractor's current registration to perform public work pursuant to Section 1725.5.

(c) An inadvertent error in listing a subcontractor who is not registered pursuant to Section 1725.5 in a bid proposal shall not be grounds for filing a bid protest or grounds for considering the bid nonresponsive, provided that any of the following apply:

(1) The subcontractor is registered prior to the bid opening.

(2) Within 24 hours after the bid opening, the subcontractor is registered and has paid the penalty registration fee specified in subparagraph (E) of paragraph (2) of subdivision (a) of Section 1725.5.

(3) The subcontractor is replaced by another registered subcontractor pursuant to Section 4107 of the Public Contract Code.

(d) Failure by a subcontractor to be registered to perform public work as required by subdivision (a) shall be grounds under Section 4107 of the Public Contract Code for the contractor, with the consent of the awarding authority, to substitute a subcontractor who is registered to perform public work pursuant to Section 1725.5 in place of the unregistered subcontractor.

(e) The department shall maintain on its Internet Web site a list of contractors who are currently registered to perform public work pursuant to Section 1725.5.

(f) A contract entered into with any contractor or subcontractor in violation of subdivision (a) shall be subject to cancellation, provided that a contract for public work shall not be unlawful, void, or voidable solely due to the failure of the awarding body, contractor, or any subcontractor to comply with the requirements of Section 1725.5 or this section.

(g) If the Labor Commissioner or his or her designee determines that a contractor or subcontractor engaged in the performance of any public work contract without having been registered in accordance with this section, the contractor or subcontractor shall forfeit, as a civil penalty to the state, one hundred dollars (\$100) for each day of work performed in violation of the registration requirement, not to exceed an aggregate penalty of eight thousand dollars (\$8,000) in addition to any penalty registration fee assessed pursuant to clause (ii) of subparagraph (E) of paragraph (2) of subdivision (a) of Section 1725.5.

(h)(1) In addition to, or in lieu of, any other penalty or sanction authorized pursuant to this chapter, a higher tiered public works contractor or subcontractor who is found to have entered into a subcontract with an unregistered lower tier subcontractor to perform any public work in violation of the requirements of Section 1725.5 or this section shall be subject to forfeiture, as a civil penalty to the state, of one hundred dollars (\$100) for each day the unregistered lower tier subcontractor performs work in violation of the registration requirement, not to exceed an aggregate penalty of ten thousand dollars (\$10,000).

(2) The Labor Commissioner shall use the same standards specified in subparagraph (A) of paragraph (2) of subdivision (a) of Section 1775 when determining the severity of the violation and what penalty to assess, and may waive the penalty for a first time violation that was unintentional and did not hinder the Labor Commissioner's ability to monitor and enforce compliance with the requirements of this chapter.

(3) A higher tiered public works contractor or subcontractor shall not be liable for penalties assessed pursuant to paragraph (1) if the lower tier subcontractor's performance is in violation of the requirements of Section 1725.5 due to the revocation of a previously approved registration.

(4) A subcontractor shall not be liable for any penalties assessed against a higher tiered public works contractor or subcontractor pursuant to paragraph (1). A higher tiered public works

contractor or subcontractor may not require a lower tiered subcontractor to indemnify or otherwise be liable for any penalties pursuant to paragraph (1).

(i) The Labor Commissioner or his or her designee shall issue a civil wage and penalty assessment, in accordance with the provisions of Section 1741, upon determination of penalties pursuant to subdivision (g) and subparagraph (B) of paragraph (1) of subdivision (h). Review of a civil wage and penalty assessment issued under this subdivision may be requested in accordance with the provisions of Section 1742. The regulations of the Director of Industrial Relations, which govern proceedings for review of civil wage and penalty assessments and the withholding of contract payments under Article 1 (commencing with Section 1720) and Article 2 (commencing with Section 1770), shall apply.

(j)(1) Where a contractor or subcontractor engages in the performance of any public work contract without having been registered in violation of the requirements of Section 1725.5 or this section, the Labor Commissioner shall issue and serve a stop order prohibiting the use of the unregistered contractor or the unregistered subcontractor on all public works until the unregistered contractor or unregistered subcontractor is registered. The stop order shall not apply to work by registered contractors or subcontractors on the public work.

(2) A stop order may be personally served upon the contractor or subcontractor by either of the following methods:

(A) Manual delivery of the order to the contractor or subcontractor personally.

(B) Leaving signed copies of the order with the person who is apparently in charge at the site of the public work and by thereafter mailing copies of the order by first class mail, postage prepaid to the contractor or subcontractor at the address on file with either of the following:

(i) The Contractors' State License Board.

(ii) The Secretary of State.

(3) The stop order shall be effective immediately upon service and shall be subject to appeal by the party contracting with the unregistered contractor or subcontractor, by the unregistered contractor or subcontractor, or both. The appeal, hearing, and any further review of the hearing decision shall be governed by the procedures, time limits, and other requirements specified in subdivision (a) of Section 238.1.

(k) Failure of a contractor or subcontractor, owner, director, officer, or managing agent of the contractor or subcontractor to observe a stop order issued and served upon him or her pursuant to subdivision (j) is guilty of a misdemeanor punishable by imprisonment in county jail not exceeding 60 days or by a fine not exceeding ten thousand dollars (\$10,000), or both.

(l) This section shall apply to any bid proposal submitted on or after March 1, 2015, and any contract for public work entered into on or after April 1, 2015. This section shall also apply to the performance of any public work, as defined in this chapter, on or after January 1, 2018, regardless of when the contract for public work was entered.

(m) Penalties received pursuant to this section shall be deposited in the State Public Works Enforcement Fund established by Section 1771.3 and shall be used only for the purposes specified in that section.

(n) This section shall not apply to work performed on a public works project of twenty-five thousand dollars (\$25,000) or less when the project is for construction, alteration, demolition, installation, or repair work or to work performed on a public works project of fifteen thousand dollars (\$15,000) or less when the project is for maintenance work."

d. Labor Code section 1771.4 states the following:

"a) All of the following are applicable to all public works projects that are otherwise subject to the requirements of this chapter:

(1) The call for bids and contract documents shall specify that the project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

- (2) The awarding body shall post or require the prime contractor to post job site notices, as prescribed by regulation.
- (3) Each contractor and subcontractor shall furnish the records specified in Section 1776 directly to the Labor Commissioner, in the following manner:
- (A) At least monthly or more frequently if specified in the contract with the awarding body.
- (B) In a format prescribed by the Labor Commissioner.
- (4) If the contractor or subcontractor is not registered pursuant to Section 1725.5 and is performing work on a project for which registration is not required because of subdivision (f) of Section 1725.5, the unregistered contractor or subcontractor is not required to furnish the records specified in Section 1776 directly to the Labor Commissioner but shall retain the records specified in Section 1776 for at least three years after completion of the work.
- (5) The department shall undertake those activities it deems necessary to monitor and enforce compliance with prevailing wage requirements.
- (b) The Labor Commissioner may exempt a public works project from compliance with all or part of the requirements of subdivision (a) if either of the following occurs:
- (1) The awarding body has enforced an approved labor compliance program, as defined in Section 1771.5, on all public works projects under its authority, except those deemed exempt pursuant to subdivision (a) of Section 1771.5, continuously since December 31, 2011.
- (2) The awarding body has entered into a collective bargaining agreement that binds all contractors performing work on the project and that includes a mechanism for resolving disputes about the payment of wages.
- (c) The requirements of paragraph (1) of subdivision (a) shall only apply to contracts for public works projects awarded on or after January 1, 2015.
- (d) The requirements of paragraph (3) of subdivision (a) shall apply to all contracts for public work, whether new or ongoing, on or after January 1, 2016.”

B. STATE PUBLIC WORKS APPRENTICESHIP REQUIREMENTS

1. State Public Works Apprenticeship Requirements:

- a. The Contractor is responsible for compliance with Labor Code section 1777.5 and the California Code of Regulations, title 8, sections 230 – 230.2 for all apprenticeable occupations (denoted with “#” symbol next to craft name in DIR Prevailing Wage Determination), whether employed by the Contractor, subcontractor, vendor or consultant. Included in these requirements is (1) the Contractor’s requirement to provide notification (i.e. DAS-140) to the appropriate apprenticeship committees; (2) pay training fund contributions for each apprenticeable hour employed on the Contract; and (3) utilize apprentices in a minimum ratio of not less than one apprentice hour for each five journeyman hours by completion of Contract work (unless an exception is granted in accordance with Labor Code section 1777.5) or request for the dispatch of apprentices.
- b. Any apprentices employed to perform any of the Scope of Work shall be paid the standard wage to apprentices under the regulations of the craft or trade for which such apprentice is employed, and such individual shall be employed only for the work of the craft or trade to which such individual is registered. Only apprentices, as defined in California Labor Code section 3077, who are in training under apprenticeship standards and written apprenticeship agreements under California Labor Code sections 3070 et seq. are eligible to be employed for the Scope of Work. The employment and training of each apprentice shall be in accordance with the provisions of the apprenticeship standards and apprentice agreements under which such apprentice is training.

2. Compliance with [California Labor Code section 1777.5](#) requires all public works contractors to:

- a. Submit Contract Award Information (DAS-140):
 - i. Although there are a few exemptions (identified below), all Contractors, regardless of union affiliation, must submit contract award information when performing on a California public works project.
 - ii. The DAS-140 is a notification “announcement” of the Contractor’s participation on a public works project—it is not a request for the dispatch of an apprentice.

- iii. Contractors shall submit the contract award information (you may use form DAS 140) within 10 days of the execution of the prime contract or subcontract, but in no event later than the first day in which the Contractor has workers employed on the public work.
 - iv. Contractors who are already approved to train apprentices (i.e. check "Box 1" on the DAS-140) shall only be required to submit the form to their approved program.
 - v. Contractors who are NOT approved to train apprentices (i.e. those that check either "Box 2" or "Box 3" on the DAS-140) shall submit the DAS-140 TO EACH of the apprenticeship program sponsors in the area of your public works project. For a listing of apprenticeship programs see <http://www.dir.ca.gov/Databases/das/pwaddrstart.asp>.
- b. Employ Registered Apprentices
- i. Labor Code section 1777.5 requires that a contractor performing work in an "apprenticeable" craft must employ one (1) hour of apprentice work for every five (5) hours performed by a journeyman. This ratio shall be met prior to the Contractor's completion of work on the project. "Apprenticeable" crafts are denoted with a pound symbol "#" in front of the craft name on the prevailing wage determination.
 - ii. All Contractors who do not fall within an exemption category (see below) must request for dispatch of an apprentice from an apprenticeship program (for each apprenticeable craft or trade) by giving the program actual notice of at least 72 hours (business days only) before the date on which apprentices are required.
 - iii. Contractors may use the "DAS-142" form for making a request for the dispatch of an apprentice.
 - iv. Contractors who are participating in an approved apprenticeship training program and who did not receive sufficient number of apprentices from their initial request must request dispatch of apprentices from ALL OTHER apprenticeship committees in the project area in order to fulfill this requirement.
 - v. Contractor should maintain and submit proof (when requested) of its DAS-142 submittal to the apprenticeship committees (e.g. fax transmittal confirmation). A Contractor has met its requirement to employ apprentices only after it has successfully made a dispatch request to all apprenticeship programs in the project area.
 - vi. Only "registered" apprentices may be paid the prevailing apprentice rates and must, at all times work under the supervision of a Journeyman (Cal. Code Regs., tit 8, § 230.1).
- c. Make Training Fund Contributions
- i. Contractors performing in apprenticeable crafts on public works projects, must make training fund contributions in the amount established in the prevailing wage rate publication for journeymen and apprentices.
 - ii. Contractors may use the "CAC-2" form for submittal of their training fund contributions.
 - iii. Contractors who do not submit their training fund contributions to an approved apprenticeship training program must submit their contributions to the California Apprenticeship Council (CAC), PO Box 420603, San Francisco, CA 94142-0603.
 - iv. Training fund contributions to the CAC are due and payable on the 15th day of the month for work performed during the preceding month.
 - v. The "training" contribution amount identified on the prevailing wage determination shall not be paid to the worker, unless the worker falls within one of the exemption categories listed below.

3. Exemptions to Apprenticeship Requirements:

- a. The following are exempt from having to comply with California apprenticeship requirements. These types of contractors do not need to submit a DAS-140, DAS-142, make training fund contributions, or utilize apprentices:
 - i. When the Contractor holds a sole proprietor license ("Owner-Operator") and no workers were employed by the Contractor. In other words, the contractor performed the entire work from start to finish and worked alone.
 - ii. Contractors performing in non-apprenticeable crafts. "Apprenticeable" crafts are denoted with a pound symbol "#" in front of the craft name on the prevailing wage determination.
 - iii. When the Contractor has a direct contract with the Public Agency that is under \$30,000.
 - iv. When the project is 100% federally-funded and the funding of the project does not contain any city, county, and/or state monies (unless the project is administered by a state agency in which case the apprenticeship requirements apply).
 - v. When the project is a private project not covered by the definition of public works as found in Labor Code section 1720.

4. Exemption from Apprenticeship Ratios:

- a. The Joint Apprenticeship Committee shall have the discretion to grant a certificate, which shall be subject to the approval of the Administrator of Apprenticeship, exempting the Contractor from the 1-to-5 ratio set forth in this Section when it finds that any one of the following conditions are met:
 - i. Unemployment for the previous three-month period in such area exceeds an average of fifteen percent (15%); or
 - ii. The number of apprentices in training in such area exceeds a ratio of 1-to-5 in relation to journeymen; or
 - iii. The Apprenticeable Craft or Trade is replacing at least one-thirtieth (1/30) of its journeymen annually through apprenticeship training, either on a statewide basis or on a local basis; or
 - iv. If assignment of an apprentice to any work performed under the Contract Documents would create a condition which would jeopardize such apprentice's life or the life, safety or property of fellow employees or the public at large, or if the specific task to which the apprentice is to be assigned is of such a nature that training cannot be provided by a journeyman.
- b. When such exemptions from the 1-to-5 ratio between apprentices and journeymen are granted to an organization which represents contractors in a specific trade on a local or statewide basis, the member contractors will not be required to submit individual applications for approval to local Joint Apprenticeship Committees, provided they are already covered by the local apprenticeship standards.

5. Contractor's Compliance:

- a. The responsibility of compliance with this Section for all Apprenticeable Trades or Crafts is solely and exclusively that of the Contractor. All decisions of the Joint Apprenticeship Committee(s) under this Section are subject to the provisions of California Labor Code section 3081 and penalties are pursuant to Labor Code section 1777.7 and the determination of the Labor Commissioner.