

PUBLIC WORKS AGENCY

P.O. Box 1070 / 777 N. Colusa Street Willows, CA 95988

Donald Rust, Director

Airports Engineering Flood Control Roads & Bridges Solid Waste Surveyor

ADDENDUM 3

<u>to</u> <u>CONSTRUCTION ON COUNTY ROAD 67</u> <u>BRIDGE REPLACEMENT AT BRANCH HOWARD SLOUGH</u> <u>BRIDGE NO. 11C-0015, BRLO 5911 (048)</u> <u>BRIDGE NO. 11C-0016, BRLO 5911 (047)</u> <u>BRIDGE NO. 11C-0017, BRLO 5911 (049)</u> <u>BRIDGE NO. 11C-0179, BRLO 5911 (050)</u>

Bid Opening Date: 2:00 p.m. November 16, 2023

November 13, 2023

To All Bidders:

The Following is Addendum 3 to Contract Documents for the Four Bridge Replacement Projects On County Road 67 at Branch Howard Slough. Please acknowledge receipt of this addendum on your bid. The following text summarizes the changes to the Contract Documents.

<u>REVISIONS</u> – Revised pages marked "Revised per Addendum 3"

1. BID ITEM LIST

- Added bid item for Temporary Dewatering Operation

 Item #: 5, 50, 98, 146
- Added bid item for Temporary Construction Entrance
 o Item #: 9, 54, 102, 150
 - o Item #: 9, 54, 102, 15

2. SPECIAL PROVISIONS

- 8-1.04C
 - Added schedule of values to list of submittals
- 13-4.04
 - Added special provision for Temporary Dewatering Operation
- 13-7.03D
 - Added special provision for Temporary Construction Entrance
- 19-3.04
 - Clarified structure backfill payment item
- 47-7.03
 - Clarifying statement for earth retaining structure fill

3. ATTACHMENTS TO ADDENDUM 3

- Revised Bid item List
- Revised Special Provision Pages

BID ITEM LIST

Br 11C-0015, BRLO 5911 (048)				
ITEM NO.	ITEM CODE	DESCRIPTION	QUANTITY	UNIT
1		Construction Staking	1	LS
2	160110	Temporary Fence (Type ESA)	2,360	LF
3	070030	Lead Compliance Plan	1	LS
4	080050	Progress Schedule (Critical Path Method)	1	LS
5	010890	Temporary Dewatering Operation	1	LS
6	130100	Job Site Management	1	LS
7	130200	Prepare Water Pollution Control Program	1	LS
8	130640	Temporary Fiber Roll	2,812	LF
9	130710	Temporary Construction Entrance	1	LS
10	130900	Temporary Concrete Washout Facility	1	LS
11	120090	Construction Area Signs	1	LS
12	120120	Type III Barricade	6	EA
13	131104	Water Quality Monitoring Report	12	EA
14	146001	Contractor Supplied Biologist (Day)	5	DAY
15	146003	Natural Resource Protection plan	1	LS
16	398001	Remove Asphalt Concrete Pavement	13,679	SQFT
17	820250	Remove Roadside Sign	4	EA
18	600097	Bridge Removal	1	LS
19	170103	Clearing and Grubbing	1	LS
20	190101	Roadway Excavation	2,042	СҮ
21	198010	Imported Borrow	53	СҮ
22(F)	192020	Structure Excavation (Type D)	80	СҮ
23 (F)	193003	Structure Backfill (Bridge)	53	СҮ
24	204008	Plant (Group H)	12	EA
25	210430	Erosion Control (Hydroseed)	5,687	SQFT
26	220101	Finishing Roadway	1	LS

			1	1
27	260203	Class 2 Aggregate Base	2,227	CY
28	390132	Hot Mix Asphalt (Type A)	820	TON
29	397005	Tack Coat	2	TON
30	490736	Furnish Piling (Class 90)	266	LF
31	490737	Drive Pile (Class 90)	10	EA
32	490738	Furnish Piling (Class 140)	3,062	LF
33	790739	Drive Pile (Class 140)	75	EA
34 (F)	510053	Structural Concrete, Bridge	62	CY
35 (F)	510054	Structural Concrete, Bridge (Polymer Fiber)	964	CY
36	519091	Joint Seal (MR=1 1/2")	72	LF
37 (F)	520102	Bar Reinforcing Steel (Bridge)	222,000	LB
38 (F)	048290	California ST-75 Bridge Rail	1,046	LF
39	839543	Transition Railing (Type WB-31)	4	EA
40	820134	Object Marker (Type P)	4	EA
41	839584	Alternative In-Line Terminal System	4	EA
42	198250	Geosynthetic Reinforcement	93	SY
43	840505	6" Thermoplastic Traffic Stripe	2,360	LF
44	840529	6" Thermoplastic Traffic Stripe (BROKEN 36-12)	1,180	LF
45	999990	Mobilization	1	LS
		Br 11C-0016, BRLO 5911 (047)		
ITEM NO.	ITEM CODE	DESCRIPTION	QUANTITY	UNIT
46		Construction Staking	1	LS
47	160110	Temporary Fence (Type ESA)	2,010	LF
48	070030	Lead Compliance Plan	1	LS
49	080050	Progress Schedule	1	LS
50	010890	Temporary Dewatering Operation	1	LS
51	130100	Job Site Management	1	LS
52	130200	Prepare Water Pollution Control Program	1	LS
53	130640	Temporary Fiber Roll	3,060	LF

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54	130710	Temporary Construction Entrance	1	LS
55	130900	Temporary Concrete Washout Facility	1	LS
56	120090	Construction Area Signs	1	LS
57	120120	Type III Barricade	6	EA
58	131104	Water Quality Monitoring Report	12	EA
59	146001	Contractor Supplied Biologist (Day)	5	DAY
60	146003	Natural Resource Protection plan	1	LS
61	398001	Remove Asphalt Concrete Pavement	14,811	SQFT
62	820250	Remove Roadside Sign	4	EA
63	141120	Treated Wood Waste	450	LB
64	600097	Bridge Removal	1	LS
65	170103	Clearing and Grubbing	1	LS
66	190101	Roadway Excavation	2,122	СҮ
67	198010	Imported Borrow	115	СҮ
68 (F)	192020	Structure Excavation (Type D)	59	СҮ
69 (F)	193003	Structure Backfill (Bridge)	56	СҮ
70	197040	Earth Retaining Structure (Corrugated Steel Pipe)	438	SF
71	210430	Erosion Control (Hydroseed)	7,969	SQFT
72	220101	Finishing Roadway	1	LS
73	260203	Class 2 Aggregate Base	2,521	СҮ
74	390132	Hot Mix Asphalt (Type A)	960	TON
75	397005	Tack Coat	2.00	TON
76	490736	Furnish Piling (Class 90)	266	LF
77	490737	Drive Pile (Class 90)	10	EA
78	490738	Furnish Piling (Class 140)	1,380	LF
79	790739	Drive Pile (Class 140)	35	EA
80 (F)	510053	Structural Concrete, Bridge	67	СҮ
81 (F)	510054	Structural Concrete, Bridge (Polymer Fiber)	404	СҮ
82 (F)	520102	Bar Reinforcing Steel (Bridge)	104,000	LB
83 (F)	048290	California ST-75 Bridge Rail	512.50	LF

839543	Transition Railing (Type WB-31)	4	EA
832007	Midwest Guardrail System (Wood Post)	87.50	LF
839576	End Cap (Type A)	1	EA
839581	End Anchor Assembly (Type SFT)	1	EA
820134	Object Marker (Type P)	4	EA
839584	Alternative In-Line Terminal System	3	EA
198250	Geosynthetic Reinforcement	125	SY
840505	6" Thermoplastic Traffic Stripe	1,922	LF
840529	6" Thermoplastic Traffic Stripe (BROKEN 36-12)	993	LF
999990	Mobilization	1	LS
	Br 11C-0017, BRLO 5911 (049)		
ITEM CODE	DESCRIPTION	QUANTITY	UNIT
	Construction Staking	1	LS
160110	Temporary Fence (Type ESA)	2,135	LF
070030	Lead Compliance Plan	1	LS
080050	Progress Schedule	1	LS
010890	Temporary Dewatering Operation	1	LS
130100	Job Site Management	1	LS
130200	Prepare Water Pollution Control Program	1	LS
130640	Temporary Fiber Roll	3,822	LF
130710	Temporary Construction Entrance	1	LS
130900	Temporary Concrete Washout Facility	1	LS
120090	Construction Area Signs	1	LS
120120	Type III Barricade	6	EA
131104	Water Quality Monitoring Report	12	EA
146001	Contractor Supplied Biologist (Day)	5	DAY
146003	Natural Resource Protection plan	1	LS
398001	Remove Asphalt Concrete Pavement	17,108	SQFT
820250	Remove Roadside Sign	4	EA
	832007 839576 839576 839576 839581 820134 839584 198250 840505 840529 9999900 9999900 1 1 100110 070030 080050 010890 130100 130200 13040 130900 120090 120120 131104 146001 398001	832007 Midwest Guardrail System (Wood Post) 839576 End Cap (Type A) 839576 End Anchor Assembly (Type SFT) 820134 Object Marker (Type P) 839584 Alternative In-Line Terminal System 198250 Geosynthetic Reinforcement 840505 6" Thermoplastic Traffic Stripe 840529 6" Thermoplastic Traffic Stripe (BROKEN 36-12) 999990 Mobilization Br 11C-0017, BRLO 5911 (049) TTEM DESCRIPTION CODE Construction Staking 160110 Temporary Fence (Type ESA) 070030 Lead Compliance Plan 080050 Progress Schedule 010890 Temporary Dewatering Operation 130100 Job Site Management 130200 Prepare Water Pollution Control Program 130640 Temporary Concrete Washout Facility 120090 Construction Area Signs 120120 Type III Barricade 131104 Water Quality Monitoring Report 146001 Contractor Supplied Biologist (Day) 146003 Natural Resource Protection plan 398001 R	832007 Midwest Guardrail System (Wood Post) 87.50 839576 End Cap (Type A) 1 839576 End Cap (Type A) 1 839581 End Anchor Assembly (Type SFT) 1 820134 Object Marker (Type P) 4 839584 Alternative In-Line Terminal System 3 198250 Geosynthetic Reinforcement 125 840505 6" Thermoplastic Traffic Stripe 1,922 840505 6" Thermoplastic Traffic Stripe (BROKEN 36-12) 993 999990 Mobilization 1 Br 11C-0017, BRLO 5911 (049) TEEM DESCRIPTION QUANTITY Construction Staking 1 160110 Temporary Fence (Type ESA) 2,135 070030 Lead Compliance Plan 1 100890 Temporary Dewatering Operation 1 130100 Job Site Management 1 130200 Prepare Water Pollution Control Program 1 130900 Temporary Concrete Washout Facility 1 </td

1111 710132 Remove Culvert 41 LF 112 600097 Bridge Removal 1 LS 113 170103 Clearing and Grubbing 1 LS 114 190101 Roadway Excavation 2,580 CY 115 198010 Imported Borrow 185 CY 116 (F) 192020 Structure Excavation (Type D) 92 CY 117 (F) 193003 Structure Backfill (Bridge) 54 CY 118 204008 Plant (Group H) 1 EA 119 210430 Erosion Control (Hydroseed) 8,695 SQFT 120 22010 Finishing Roadway 1 1.1.S 121 260203 Class 2 Aggregate Base 3,152 CY 122 390132 Hof Mis Asphalt (Type A) 1,175 TON 123 397005 Tack Coat 2 TON 124 490736 Furnish Piling (Class 90) 10 EA 125				1	
113 170103 Clearing and Grubbing 1 I.S 114 190101 Roadway Excavation 2,580 CY 115 198010 Imported Borrow 185 CY 116 (F) 192020 Structure Excavation (Type D) 92 CY 117 (F) 193003 Structure Backfill (Bridge) 54 CY 118 204008 Plant (Group H) 1 EA 119 210430 Erosion Control (Hydroseed) 8,695 SQFT 120 220101 Finishing Roadway 1 LS 121 260203 Class 2 Aggregate Base 3,152 CY 122 390132 Hot Mix Asphalt (Type A) 1,175 TON 123 397005 Tack Coat 2 TON 124 490736 Furnish Piling (Class 90) H17:238 LF 125 490737 Drive Pile (Class 140) 15 EA 126 490738 Furnish Piling (Class 140) 15 EA	111	710132	Remove Culvert	41	LF
114 190101 Roadway Excavation 2,580 CY 115 198010 Imported Borrow 185 CY 116 (F) 192020 Structure Excavation (Type D) 92 CY 117 (F) 193003 Structure Excavation (Type D) 92 CY 118 204008 Plant (Group H) 1 EA 119 210430 Erosion Control (Hydroseed) 8,695 SQFT 120 220101 Finishing Roadway 1 I.S 121 260203 Class 2 Aggregate Base 3,152 CY 122 390132 Hot Mix Asphalt (Type A) 1,175 TON 123 397005 Tack Coat 2 TON 124 490736 Furnish Piling (Class 90) 10 EA 125 490737 Drive Pile (Class 140) 15 EA 126 490738 Furnish Piling (Class 140) 15 EA 127 790739 Drive Pile (Class 140) 15 EA	112	600097	Bridge Removal	1	LS
115 198010 Imported Borrow 185 CY 116 (F) 192020 Structure Excavation (Type D) 92 CY 117 (F) 193003 Structure Backfill (Bridge) 54 CY 118 204008 Plant (Group H) 1 EA 119 210430 Erosion Control (Hydroseed) 8,695 SQFT 120 220101 Finishing Roadway 1 LS 121 260203 Class 2 Aggregate Base 3,152 CY 122 390132 Hot Mix Asphalt (Type A) 1,175 TON 123 397005 Tack Coat 2 TON 124 490736 Furnish Piling (Class 90) 10 EA 125 490737 Drive Pile (Class 90) 10 EA 126 490738 Furnish Piling (Class 140) 15 EA 127 790739 Drive Pile (Class 140) 15 EA 128 (F) 510053 Structural Concrete, Bridge 63 CY <tr< td=""><td>113</td><td>170103</td><td>Clearing and Grubbing</td><td>1</td><td>LS</td></tr<>	113	170103	Clearing and Grubbing	1	LS
116 (F) 192020 Structure Excavation (Type D) 92 CY 117 (F) 193003 Structure Backfill (Bridge) 54 CY 118 204008 Plant (Group H) 1 EA 119 210430 Erosion Control (Hydroseed) 8,695 SQFT 120 220101 Finishing Roadway 1 LS 121 260203 Class 2 Aggregate Base 3,152 CY 122 390132 Hot Mix Asphalt (Type A) 1,175 TON 123 397005 Tack Coat 2 TON 124 490736 Furnish Piling (Class 90) 10 EA 125 490737 Drive Pile (Class 90) 10 EA 126 490738 Furnish Piling (Class 140) 15 EA 127 790739 Drive Pile (Class 140) 15 EA 128 (F) 510053 Structural Concrete, Bridge 63 CY 130 (F) 510502 Minor Concrete (Minor Structure) 8 CY <td>114</td> <td>190101</td> <td>Roadway Excavation</td> <td>2,580</td> <td>СҮ</td>	114	190101	Roadway Excavation	2,580	СҮ
117 (F) 193003 Structure Backfill (Bridge) 54 CY 118 204008 Plant (Group H) 1 EA 119 210430 Erosion Control (Hydroseed) 8,695 SQFT 120 220101 Finishing Roadway 1 LS 121 260203 Class 2 Aggregate Base 3,152 CY 122 390132 Hot Mix Asphalt (Type A) 1,175 TON 123 397005 Tack Coat 2 TON 124 490736 Furnish Piling (Class 90) 1172 238 125 490737 Drive Pile (Class 90) 10 EA 126 490738 Furnish Piling (Class 140) 15 EA 127 790739 Drive Pile (Class 140) 15 EA 128 (F) 510053 Structural Concrete, Bridge (Polymer Fiber) 191 CY 130 (F) 510502 Minor Concrete (Minor Structure) 8 CY 131 (F) 520102 Bar Reinforcing Steel (Bridge) 54,20	115	198010	Imported Borrow	185	СҮ
118 204008 Plant (Group H) 1 EA 119 210430 Erosion Control (Hydroseed) 8,695 SQFT 120 220101 Finishing Roadway 1 LS 121 260203 Class 2 Aggregate Base 3,152 CY 122 390132 Hot Mix Asphalt (Type A) 1,175 TON 123 397005 Tack Coat 2 TON 124 490736 Furnish Piling (Class 90) 4147 238 LF 125 490737 Drive Pile (Class 90) 10 EA 126 490738 Furnish Piling (Class 140) 728 610 LF 127 790739 Drive Pile (Class 140) 15 EA 128 (F) 510053 Structural Concrete, Bridge 63 CY 130 (F) 51052 Minor Concrete (Minor Structure) 8 CY 131 (F) 520102 Bar Reinforcing Steel (Bridge) 54,200 LB 132 (F) 048290 California ST-75 Bridge Rail 268	116 (F)	192020	Structure Excavation (Type D)	92	СҮ
119 210430 Erosion Control (Hydroseed) 8,695 SQFT 120 220101 Finishing Roadway 1 LS 121 260203 Class 2 Aggregate Base 3,152 CY 122 390132 Hot Mix Asphalt (Type A) 1,175 TON 123 397005 Tack Coat 2 TON 124 490736 Furnish Piling (Class 90) 147.238 LF 125 490737 Drive Pile (Class 90) 10 EA 126 490738 Furnish Piling (Class 140) 728 610 LF 127 790739 Drive Pile (Class 140) 15 EA 128 (F) 510053 Structural Concrete, Bridge 63 CY 129 (F) 510054 Structural Concrete, Bridge (Polymer Fiber) 191 CY 131 (F) 520102 Bar Reinforcing Steel (Bridge) 54,200 LB 132 (F) 048290 California ST-75 Bridge Rail 268 LF 133 650416 24" Reinforced Concrete Pipe	117 (F)	193003	Structure Backfill (Bridge)	54	СҮ
120 220101 Finishing Roadway 1 LS 121 260203 Class 2 Aggregate Base 3,152 CY 122 390132 Hot Mix Asphalt (Type A) 1,175 TON 123 397005 Tack Coat 2 TON 124 490736 Furnish Piling (Class 90) 147 238 LF 125 490737 Drive Pile (Class 90) 10 EA 126 490738 Furnish Piling (Class 140) 728 610 LF 127 790739 Drive Pile (Class 140) 15 EA 128 (F) 510053 Structural Concrete, Bridge 63 CY 129 (F) 510054 Structural Concrete, Bridge (Polymer Fiber) 191 CY 130 (F) 510502 Minor Concrete (Minor Structure) 8 CY 131 (F) 520102 Bar Reinforcing Steel (Bridge) 54,200 LB 132 (F) 048290 California ST-75 Bridge Rail 268 LF 133 650416 24" Reinforced Concrete P	118	204008	Plant (Group H)	1	EA
121 260203 Class 2 Aggregate Base 3,152 CY 122 390132 Hot Mix Asphalt (Type A) 1,175 TON 123 397005 Tack Coat 2 TON 124 490736 Furnish Piling (Class 90) 147-238 LF 125 490737 Drive Pile (Class 90) 10 EA 126 490738 Furnish Piling (Class 140) 728 610 LF 127 790739 Drive Pile (Class 140) 15 EA 128 (F) 510053 Structural Concrete, Bridge 63 CY 129 (F) 510054 Structural Concrete, Bridge (Polymer Fiber) 191 CY 130 (F) 510502 Minor Concrete (Minor Structure) 8 CY 131 (F) 520102 Bar Reinforcing Steel (Bridge) 54,200 LB 132 (F) 048290 California ST-75 Bridge Rail 268 LF 133 650416 24" Reinforced Concrete Pipe (Class IV) 69 LF 134 839543 Tr	119	210430	Erosion Control (Hydroseed)	8,695	SQFT
122 390132 Hot Mix Asphalt (Type A) 1,175 TON 123 397005 Tack Coat 2 TON 124 490736 Furnish Piling (Class 90) 147 238 LF 125 490737 Drive Pile (Class 90) 10 EA 126 490738 Furnish Piling (Class 140) 728 610 LF 127 790739 Drive Pile (Class 140) 15 EA 128 (F) 510053 Structural Concrete, Bridge 63 CY 129 (F) 510054 Structural Concrete, Bridge (Polymer Fiber) 191 CY 130 (F) 510502 Minor Concrete (Minor Structure) 8 CY 131 (F) 520102 Bar Reinforcing Steel (Bridge) 54,200 LB 132 (F) 048290 California ST-75 Bridge Rail 268 LF 133 650416 24" Reinforced Concrete Pipe (Class IV) 69 LF 134 839543 Transition Railing (Type WB-31) 4 EA 135 820134 <	120	220101	Finishing Roadway	1	LS
123 397005 Tack Coat 2 TON 124 490736 Furnish Piling (Class 90) 147.238 LF 125 490737 Drive Pile (Class 90) 10 EA 126 490738 Furnish Piling (Class 140) 728 610 LF 127 790739 Drive Pile (Class 140) 15 EA 128 (F) 510053 Structural Concrete, Bridge 63 CY 129 (F) 510054 Structural Concrete, Bridge (Polymer Fiber) 191 CY 130 (F) 51002 Minor Concrete (Minor Structure) 8 CY 131 (F) 520102 Bar Reinforcing Steel (Bridge) 54,200 LB 132 (F) 048290 California ST-75 Bridge Rail 268 LF 133 650416 24" Reinforced Concrete Pipe (Class IV) 69 LF 134 839543 Transition Railing (Type WB-31) 4 EA 135 820134 Object Marker (Type P) 4 EA 136 839584 Alter	121	260203	Class 2 Aggregate Base	3,152	СҮ
124 490736 Furnish Piling (Class 90) 1417 238 LF 125 490737 Drive Pile (Class 90) 10 EA 126 490738 Furnish Piling (Class 140) 728 610 LF 127 790739 Drive Pile (Class 140) 15 EA 128 (F) 510053 Structural Concrete, Bridge 63 CY 129 (F) 510054 Structural Concrete, Bridge (Polymer Fiber) 191 CY 130 (F) 510502 Minor Concrete (Minor Structure) 8 CY 131 (F) 520102 Bar Reinforcing Steel (Bridge) 54,200 LB 132 (F) 048290 California ST-75 Bridge Rail 268 LF 133 650416 24" Reinforced Concrete Pipe (Class IV) 69 LF 134 839543 Transition Railing (Type WB-31) 4 EA 135 820134 Object Marker (Type P) 4 EA 136 839584 Alternative In-Line Terminal System 4 EA 137 A<	122	390132	Hot Mix Asphalt (Type A)	1,175	TON
125 490737 Drive Pile (Class 90) 10 EA 126 490738 Furnish Piling (Class 140) 728 610 LF 127 790739 Drive Pile (Class 140) 15 EA 128 (F) 510053 Structural Concrete, Bridge 63 CY 129 (F) 510054 Structural Concrete, Bridge (Polymer Fiber) 191 CY 130 (F) 510502 Minor Concrete (Minor Structure) 8 CY 131 (F) 520102 Bar Reinforcing Steel (Bridge) 54,200 LB 132 (F) 048290 California ST-75 Bridge Rail 268 LF 133 650416 24" Reinforced Concrete Pipe (Class IV) 69 LF 134 839543 Transition Railing (Type WB-31) 4 EA 135 820134 Object Marker (Type P) 4 EA 136 839584 Alternative In-Line Terminal System 4 EA 137 A Survey Monument [Reset] 1 EA 138 198250	123	397005	Tack Coat	2	TON
126 490738 Furnish Piling (Class 140) 728 610 LF 127 790739 Drive Pile (Class 140) 15 EA 128 (F) 510053 Structural Concrete, Bridge 63 CY 129 (F) 510054 Structural Concrete, Bridge (Polymer Fiber) 191 CY 130 (F) 510502 Minor Concrete (Minor Structure) 8 CY 131 (F) 520102 Bar Reinforcing Steel (Bridge) 54,200 LB 132 (F) 048290 California ST-75 Bridge Rail 268 LF 133 650416 24" Reinforced Concrete Pipe (Class IV) 69 LF 134 839543 Transition Railing (Type WB-31) 4 EA 135 820134 Object Marker (Type P) 4 EA 136 839584 Alternative In-Line Terminal System 4 EA 137 A Survey Monument [Reset] 1 EA 138 198250 Geosynthetic Reinforcement 533 SY 139 840505 <td>124</td> <td>490736</td> <td>Furnish Piling (Class 90)</td> <td>117 238</td> <td>LF</td>	124	490736	Furnish Piling (Class 90)	117 238	LF
127 790739 Drive Pile (Class 140) 15 EA 128 (F) 510053 Structural Concrete, Bridge 63 CY 129 (F) 510054 Structural Concrete, Bridge (Polymer Fiber) 191 CY 130 (F) 510502 Minor Concrete (Minor Structure) 8 CY 131 (F) 520102 Bar Reinforcing Steel (Bridge) 54,200 LB 132 (F) 048290 California ST-75 Bridge Rail 268 LF 133 650416 24" Reinforced Concrete Pipe (Class IV) 69 LF 134 839543 Transition Railing (Type WB-31) 4 EA 135 820134 Object Marker (Type P) 4 EA 136 839584 Alternative In-Line Terminal System 4 EA 137 A Survey Monument [Reset] 1 EA 138 198250 Geosynthetic Reinforcement 533 SY 139 840505 6" Thermoplastic Traffic Stripe 1,939 LF	125	490737	Drive Pile (Class 90)	10	EA
128 (F)510053Structural Concrete, Bridge63CY129 (F)510054Structural Concrete, Bridge (Polymer Fiber)191CY130 (F)510502Minor Concrete (Minor Structure)8CY131 (F)520102Bar Reinforcing Steel (Bridge)54,200LB132 (F)048290California ST-75 Bridge Rail268LF13365041624" Reinforced Concrete Pipe (Class IV)69LF134839543Transition Railing (Type WB-31)4EA135820134Object Marker (Type P)4EA136839584Alternative In-Line Terminal System4EA138198250Geosynthetic Reinforcement533SY1398405056" Thermoplastic Traffic Stripe1,939LF	126	490738	Furnish Piling (Class 140)	728 610	LF
129 (F)510054Structural Concrete, Bridge (Polymer Fiber)191CY130 (F)510502Minor Concrete (Minor Structure)8CY131 (F)520102Bar Reinforcing Steel (Bridge)54,200LB132 (F)048290California ST-75 Bridge Rail268LF13365041624" Reinforced Concrete Pipe (Class IV)69LF134839543Transition Railing (Type WB-31)4EA135820134Object Marker (Type P)4EA136839584Alternative In-Line Terminal System4EA137ASurvey Monument [Reset]1EA138198250Geosynthetic Reinforcement533SY1398405056" Thermoplastic Traffic Stripe1,939LF	127	790739	Drive Pile (Class 140)	15	EA
130 (F)510502Minor Concrete (Minor Structure)8CY131 (F)520102Bar Reinforcing Steel (Bridge)54,200LB132 (F)048290California ST-75 Bridge Rail268LF13365041624" Reinforced Concrete Pipe (Class IV)69LF134839543Transition Railing (Type WB-31)4EA135820134Object Marker (Type P)4EA136839584Alternative In-Line Terminal System4EA137ASurvey Monument [Reset]1EA138198250Geosynthetic Reinforcement533SY1398405056" Thermoplastic Traffic Stripe1,939LF	128 (F)	510053	Structural Concrete, Bridge	63	СҮ
131 (F)520102Bar Reinforcing Steel (Bridge)54,200LB132 (F)048290California ST-75 Bridge Rail268LF13365041624" Reinforced Concrete Pipe (Class IV)69LF134839543Transition Railing (Type WB-31)4EA135820134Object Marker (Type P)4EA136839584Alternative In-Line Terminal System4EA137ASurvey Monument [Reset]1EA138198250Geosynthetic Reinforcement533SY1398405056" Thermoplastic Traffic Stripe1,939LF	129 (F)	510054	Structural Concrete, Bridge (Polymer Fiber)	191	СҮ
132 (F)048290California ST-75 Bridge Rail268LF13365041624" Reinforced Concrete Pipe (Class IV)69LF134839543Transition Railing (Type WB-31)4EA135820134Object Marker (Type P)4EA136839584Alternative In-Line Terminal System4EA137ASurvey Monument [Reset]1EA138198250Geosynthetic Reinforcement533SY1398405056" Thermoplastic Traffic Stripe1,939LF	130 (F)	510502	Minor Concrete (Minor Structure)	8	СҮ
13365041624" Reinforced Concrete Pipe (Class IV)69LF134839543Transition Railing (Type WB-31)4EA135820134Object Marker (Type P)4EA136839584Alternative In-Line Terminal System4EA137ASurvey Monument [Reset]1EA138198250Geosynthetic Reinforcement533SY1398405056" Thermoplastic Traffic Stripe1,939LF	131 (F)	520102	Bar Reinforcing Steel (Bridge)	54,200	LB
134839543Transition Railing (Type WB-31)4EA135820134Object Marker (Type P)4EA136839584Alternative In-Line Terminal System4EA137ASurvey Monument [Reset]1EA138198250Geosynthetic Reinforcement533SY1398405056" Thermoplastic Traffic Stripe1,939LF	132 (F)	048290	California ST-75 Bridge Rail	268	LF
135820134Object Marker (Type P)4EA136839584Alternative In-Line Terminal System4EA136839584Alternative In-Line Terminal System4EA137ASurvey Monument [Reset]1EA138198250Geosynthetic Reinforcement533SY1398405056" Thermoplastic Traffic Stripe1,939LF	133	650416	24" Reinforced Concrete Pipe (Class IV)	69	LF
136839584Alternative In-Line Terminal System4EA137ASurvey Monument [Reset]1EA138198250Geosynthetic Reinforcement533SY1398405056" Thermoplastic Traffic Stripe1,939LF	134	839543	Transition Railing (Type WB-31)	4	EA
810111 ASurvey Monument [Reset]1EA138198250Geosynthetic Reinforcement533SY1398405056" Thermoplastic Traffic Stripe1,939LF	135	820134	Object Marker (Type P)	4	EA
137ASurvey Monument [Reset]1EA138198250Geosynthetic Reinforcement533SY1398405056" Thermoplastic Traffic Stripe1,939LF	136		Alternative In-Line Terminal System	4	EA
1398405056" Thermoplastic Traffic Stripe1,939LF	137		Survey Monument [Reset]	1	EA
	138	198250	Geosynthetic Reinforcement	533	SY
140 840529 6" Thermoplastic Traffic Stripe (BROKEN 36-12) 1.033 LF	139	840505	6" Thermoplastic Traffic Stripe	1,939	LF
	140	840529	6" Thermoplastic Traffic Stripe (BROKEN 36-12)	1,033	LF

1.4.1	000000			I.C.		
141	999990	Mobilization	1	LS		
Br 11C-0179, BRLO 5911 (050)						
ITEM	ITEM	DESCRIPTION	QUANTITY	UNIT		
NO.	CODE					
142		Construction Staking	1	LS		
143	160110	Temporary Fence (Type ESA)	1,775	LF		
144	070030	Lead Compliance Plan	1	LS		
145	080050	Progress Schedule	1	LS		
146	010890	Temporary Dewatering Operation	1	LS		
147	130100	Job Site Management	1	LS		
148	130200	Prepare Water Pollution Control Program	1	LS		
149	130640	Temporary Fiber Roll	3,506	LF		
150	130710	Temporary Construction Entrance	1	LS		
151	130900	Temporary Concrete Washout Facility	1	LS		
152	120090	Construction Area Signs	1	LS		
153	120120	Type III Barricade	2	EA		
154	131104	Water Quality Monitoring Report	12	EA		
155	146001	Contractor Supplied Biologist (Day)	5	DAY		
156	146003	Natural Resource Protection plan	1	LS		
157	398001	Remove Asphalt Concrete Pavement	15,149	SQFT		
158	820250	Remove Roadside Sign	6	EA		
159	141120	Treated Wood Waste	250	LB		
160	710132	Remove Culvert	33	LF		
161	600097	Bridge Removal	1	LS		
162	170103	Clearing and Grubbing	1	LS		
163	190101	Roadway Excavation	1,964	СҮ		
164	198010	Imported Borrow	98	СҮ		
165 (F)	192020	Structure Excavation (Type D)	89	CY		
166 (F)	193003	Structure Backfill (Bridge)	51	CY		
167	210430	Erosion Control (Hydroseed)	7,239	SQFT		

168	220101	Finishing Roadway	1	LS
169	260203	Class 2 Aggregate Base	2,664	СҮ
170	390132	Hot Mix Asphalt (Type A)	943	TON
171	397005	Tack Coat	2.00	TON
172	490736	Furnish Piling (Class 90)	143 285	LF
173	490737	Drive Pile (Class 90)	10	EA
174	490738	Furnish Piling (Class 140)	369 238	LF
175	790739	Drive Pile (Class 140)	5	EA
176 (F)	510053	Structural Concrete, Bridge	64	СҮ
177 (F)	510054	Structural Concrete, Bridge (Polymer Fiber)	73	СҮ
178 (F)	520102	Bar Reinforcing Steel (Bridge)	27,200	LB
179 (F)	048290	California ST-75 Bridge Rail	147	LF
180	650416	24" Reinforced Concrete Pipe (Class IV)	42	LF
181	839543	Transition Railing (Type WB-31)	4	EA
182	820134	Object Marker (Type P)	4	EA
183	839584	Alternative In-Line Terminal System	4	EA
184	840505	6" Thermoplastic Traffic Stripe	1,665	LF
185	840529	6" Thermoplastic Traffic Stripe (BROKEN 36-12)	858	LF
186	999990	Mobilization	1	LS

- Submit at least 15 days before disposal, the form titled "Agreement between a Contractor Working on State Facilities and a Real Property Owner for Disposing Construction-related Material Suitable for Use on Residential Zoned Property" which discloses the lead concentration of the material to the receiving property owner and obtains authorization for disposal on the property. Give a copy of the signed form to the property owner.
- 2. You are responsible for any additional sampling and analysis required by the receiving property owner.

If you choose to dispose of unregulated material at a commercial landfill:

- 1. Transport it to a Class III or Class II landfill appropriately permitted to receive the material
- 2. You are responsible for identifying the appropriately permitted landfill to receive the material and for all associated trucking and disposal costs, including any additional sampling and analysis required by the receiving landfill

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8 PROSECUTION AND PROGRESS

Replace section 8-1.04C with:

8-1.04C Delayed Start

Section 8-1.04B does not apply.

Start job site activities within 14 days after receiving notice that the Contract has been approved by the Attorney General or the attorney appointed and authorized to represent the Department.

Do not start job site activities until the Department authorizes or accepts your submittal for:

- 1. Contractor-supplied biologist
- 2. Biological resource information program
- 3. CPM baseline schedule
- 4. WPCP or SWPPP, whichever applies
- 5. Notification of DRA or DRB nominee and disclosure statement
- 6. Natural resource protection plan
- 7. Dewatering and discharge work plan
- 8. Schedule of Values for all Lump Sum bid items

If the submittals for Contractor-supplied biologist and biological resource information program are authorized, you may enter the job site only to measure controlling field dimensions and locate utilities.

Do not start other job site activities until all the submittals from the above list are authorized or accepted and the following information is received by the Engineer:

- 1. Notice of Materials To Be Used form.
- 2. Written statement from the vendor that the order for the sign panels has been received and accepted by the vendor. The statement must show the dates that the materials will be shipped.

You may start job site activities before the 14th day after Contract approval if you:

- 1. Obtain specified authorization or acceptance for each submittal before the 14th day
- 2. Receive authorization to start

Submit a notice 72 hours before starting job site activities. If the project has more than 1 location of work, submit a separate notice for each location.

1. Central Valley

Replace the first paragraph of section 13-4.04 with:

The payment for performing Site Dewatering, passing flows through the site, and developing a Dewatering Plan shall be fully compensated based upon the schedule of values submitted for the lump sum bid item "Temporary Dewatering Operation".

Replace the first paragraph of section 13-7.03D with:

The payment for installing and maintaining Temporary Construction Entrances shall be fully compensated based upon the schedule of values submitted for the lump sum bid item "Temporary Construction Entrance".

Add between the 1st and 2nd paragraph of section 13-10.03E:

The fence must be Type 2.

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14 ENVIRONMENTAL STEWARDSHIP

Add to the end of section 14-1.02:

An Environmentally Sensitive Area (ESA) of Riparian habitat exists on this project.

Before starting job site activities, install temporary high visibility fence along the ESA boundary to protect the riparian habitat and mark its boundaries.

Limited access to the ESA is allowed for water sampling and release of encroaching wildlife. Notify the Engineer 2 business days or less before the planned entry date. Any other access to the ESA is prohibited.

Add to the 1st paragraph of section 14-6.03A:

This project is within or near habitat for the regulated species shown in the following table:

Regulated Species				
Giant garter snake				
Swainson's hawk				
Western pond turtle				
River lamprey				
Hardhead				
Sacramento splittail				
Tricolored blackbird				
Burrowing owl				
Redhead				
Black tern				
Northern harrier				
Yellow warbler				
White-tailed kite				
Yellow-breasted chat				
Least bittern				
Loggerhead shrike				
Yellow-headed blackbird				
Western bat				

Regulated Species

This project includes the sensitive habitats shown in the following table:

Sensitive Habitats

Riparian habitat Waters of the United States

Add to section 14-6.03A:

Species protection areas within the project limits are as specified in the following table:

Species Protection Areas

	Identification name	Location	
G	iant Garter Snake	Entire Project Limits	

Within entire project limits implement the following protection measures:

- 1. Wildlife exclusion fencing with one-way escape funnels shall be installed around the proposed project site to keep the snake out of the construction disturbance area.
- 2. All vegetation clearing and initial ground disturbance shall be monitored by a biologist holding a Recovery Permit for the snake.
- 3. Aquatic and upland snake habitat to be avoided shall be flagged and/or fenced until construction activities are complete.

Replace the list in the 2nd paragraph of section 14-6.03D(1) with:

- 1. Conduct preconstruction survey
- 2. Provide preconstruction environmental awareness training
- 3. Prepare natural resource protection plan

Add to section 14-6.03D(1):

Within 30 days before starting job site activities, submit protocols for species protection surveys. Use protocols required in the PLACs.

Survey the job site for regulated species and submit a preconstruction survey report within 15 days before starting work.

The preconstruction survey report must include one of the following:

- 1. Detailed observations and locations where regulated species were observed
- 2. Statement that no regulated species were observed

Prior to beginning work, a contractor supplied qualified biologist shall conduct an environmental awareness training program.

Replace section 14-6.03D(3) with:

14-6.03D(3) Biological Resource Information Program

Prepare and present a biological resource information program to familiarize personnel with regulated species and habitats, related laws and regulations, and species protection measures and protocols.

The biological resource information program must include:

- 1. Identification of the job site, ESAs, and species protection areas
- 2. Description of the regulated species and its general ecology
- 3. Description of habitats used by the regulated species and their locations
- 4. Requirements for protecting regulated species
- 5. Definition and consequences of take of regulated species
- 6. Response plan for encounters with the regulated species or a species that looks like one
- 7. Permit requirements for touching or moving a regulated species
- 8. Requirements for species protection
- 9. Description of avoidance and minimization measures

10. Handout materials about the regulated species, its habitats, and species protection measures

A Contractor-supplied biologist must develop the program and present the biological resource training.

Submit an outline of your program within 7 days after Contract approval. If the submittal is rejected, submit a revised outline within 7 days of receiving the rejection.

Allow 15 days for the Department's review of your outline of the program.

Notify the Engineer at least 7 days before the 1st training session. Submit an attendance list with the printed and signed name of each attendee within 2 business days after each session. Submit a separate attendance list for each subsequent training session for new personnel.

Personnel who must complete biological resource training include laborers, tradesmen, material suppliers, equipment maintenance staff, supervisors, foremen, office staff, food vendors, and other workers who stay at the job site longer than 30 minutes.

The Department provides handout materials about the regulated species.

Distribute the handout to each attendee. Display and maintain the handout at all construction field offices and on all information boards.

Replace the 2nd paragraph of section 14-8.02 with:

Noise from job site activities must not exceed 86 dBA Lmax at 50 feet from the job site activity from 7:00 p.m. to 7:00 a.m. each day.

Add to section 14-8.02:

Replace at least once a week in the 2nd sentence of the 3rd paragraph of section 14-10.01 with: daily

Replace section 14-11.14 with:

14-11.14 TREATED WOOD WASTE

14-11.14A General

Section 14-11.14 applies if treated wood waste is shown on the Bid Item List.

Section 14-11.14 includes specifications for handling, storing, transporting, and disposing of treated wood waste. Manage treated wood waste under Health & Safety Code §25230 et seq.

Wood removed from guardrail and roadside sign is treated wood waste.

14-11.14B Submittals

Within 5 business days of disposing of treated wood waste, submit as an informational submittal a copy of each completed shipping record and weight receipt.

14-11.14C Training

Provide training to personnel who handle or may come in contact with treated wood waste. Training must include:

- 1. Requirements of 8 CA Code of Regs
- 2. Procedures for identifying and segregating treated wood waste
- 3. Safe handling practices
- 4. Requirements of Health & Safety Code §25230 et seq
- 5. Proper disposal methods

Maintain training records for 3 years after contract acceptance.

14-11.14D Storage of Treated Wood Waste

Store treated wood waste at the jobsite until transport to the CA permitted disposal site.

Until disposal, store treated wood waste using the following methods:

- 1. Raise the waste on blocks above a foreseeable run-on elevation and protect it from precipitation for no more than 90 days.
- 2. Place the waste on a containment surface or pad protected from run-on and precipitation for no more than 180 days.
- 3. Place the waste in water-resistant containers designed for shipping or solid waste collection for no more than 1 year.
- 4. Place the waste in a storage building as defined in Health & Safety Code §25230 et seq.

Prevent unauthorized access to treated wood waste using a secure enclosure such as a locked chainlink-fenced area or a lockable shipping container located within the job site.

Resize and segregate treated wood waste at a location where debris including sawdust and chips can be contained. Collect and manage the debris as treated wood waste.

Identify treated wood waste and accumulation areas using water-resistant labels that comply with Health & Safety Code §25230 et seq. Labels must include:

- 1. The words TREATED WOOD WASTE Do not burn or scavenge
- 2. The words *Caltrans District* and the district number
- 3. The words *Construction Contract* and the contract number
- 4. District office address
- 5. Engineer's name, address, and telephone number
- 6. Contractor's contact name, address, and telephone number
- 7. Date placed in storage

14-11.14E Transport and Disposal of Treated Wood Waste

Dispose of treated wood waste within:

- 1. 90 days of generation if stored on blocks
- 2. 180 days of generation if stored on a containment surface or pad
- 3. 1 year of generation if stored in a water-resistant container or within 90 days after the container is full, whichever is shorter
- 4. 1 year of generation if stored in a storage building as defined in Health & Safety Code §25230 et seq

Before transporting treated wood waste, obtain agreement from the receiving facility that it will accept the waste. Protect shipments of the waste from loss and exposure to precipitation. For projects generating 10,000 lb or more of treated wood waste, request a generator's EPA Identification Number from the Engineer at least 5 business days before the 1st shipment. Each shipment must be accompanied by a shipping record such as a bill of lading or invoice that includes:

- 1. The words Caltrans District and the district number
- 2. The words *Construction Contract* and the contract number
- 3. District office address
- 4. Engineer's name, address, and telephone number
- 5. Contractor's name, contact person, and telephone number
- 6. Receiving facility's name and address
- 7. Description of the waste (e.g., treated wood waste with preservative type if known or unknown/mixture)
- 8. Project location
- 9. Estimated weight or volume of the shipment
- 10. Date accumulation begins
- 11. Date of transport
- 12. Name of transporter
- 13. Date of receipt by the treated wood waste facility
- 14. Weight of shipment measured by the receiving facility
- 15. Generator's US EPA Identification Number for projects generating 10,000 lb or more of treated wood waste

The shipping record must be 8-1/2 by 11 inches and a 4-part carbon or carbonless form to provide copies for the Engineer, transporter, and treated wood waste facility.

Transport treated wood waste directly to the CA permitted disposal site after leaving the jobsite. Do not mix treated wood waste from the job site with waste from any other generator.

Dispose of treated wood waste at one of the following:

- 1. An approved California disposal site operating under a RWQCB permit that includes acceptance of treated wood waste
- California disposal site operating under a DTSC permit that includes acceptance of treated wood waste

Treated wood waste may be disposed as a hazardous waste at any of the following Resource Conservation and Recovery Act (RCRA) Subtitle C disposal facilities:

- 1. US Ecology, Beatty, Nevada
- 2. US Ecology, Grandview, Idaho
- 3. Chemical Waste Management of the Northwest, Arlington, Oregon

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DIVISION III EARTHWORK AND LANDSCAPE

19 EARTHWORK

Replace the 2nd, 3rd, and 4th paragraphs of section 19-2.03B with:

Dispose of surplus material. Ensure enough material is available to complete the embankments before disposing of it.

Replace the 5th paragraph of section 19-3.04 with:

The payment quantity for structure backfill does include:

1. Volume of pervious backfill material and the drainage system within the limits of the structure backfill.

The payment quantity for structure backfill does not include:

1. Volume occupied by the new structure

Add to section 19-7.02A:

Obtaining imported borrow includes the following:

- 1. Constructing an access road as shown
- 2. Clearing and grubbing the material site
- 3. Selecting material within the source
- 4. Screening and wasting from 30 to 60 percent of the finer material
- 5. Washing materials so that the imported borrow complies with the sand equivalent requirements

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21 EROSION CONTROL

Replace section 21-3 with:

21-3 PERMANENT EROSION CONTROL ESTABLISHMENT WORK

21-3.01 GENERAL

21-3.01A Summary

Section 21-3 includes specifications for performing permanent erosion control establishment work.

Permanent erosion control establishment work consists of weekly inspections of the project site for deficiencies in erosion control features.

The permanent erosion control establishment period starts after permanent erosion control work has been completed.

The Engineer notifies you when the permanent erosion control establishment period starts and furnishes weekly statements regarding the number of working days credited to the permanent erosion control establishment period after the notification.

At the start of the permanent erosion control establishment period you may request relief from maintenance and protection for work items that are not associated with water pollution control and permanent erosion control establishment work.

Working days on which no work is required during the permanent erosion control establishment period are credited as permanent erosion control establishment working days, regardless of whether or not you performed permanent erosion control establishment work.

Working days on which you fail to adequately perform permanent erosion control establishment work as required are not credited as permanent erosion control establishment working days.

Working days that occur after you fail to meet a due date for a Permanent Erosion Control Establishment (PECE) Report submittal will not be credited as permanent erosion control establishment working days.

21-3.01B Definitions

Not Used

21-3.01C Submittals

Submit a Permanent Erosion Control Establishment (PECE) Report form as an informational submittal within 24 hours of completing a weekly inspection and within 24 hours of each qualifying rain event. The WPC manager is responsible for the preparation and submittal of the PECE report. The report must identify any deficiencies that require repair, adjustment, or reapplication of materials, including:

- 1. Slides
- 2. Slipouts
- 3. Surface erosion
- 4. Damage to:
 - 4.1. Erosion control devices
 - 4.2. Water pollution control devices
- 5. Poor seed germination
- 6. Poor plant growth
- 7. Dead or damaged erosion control plant material
- 8. Misaligned features
- 9. Required repair work

21-3.01D Quality Assurance

Perform a final inspection of the permanent erosion control establishment work in the presence of the Engineer 20 to 30 days before the anticipated contract acceptance date provided by the Engineer.

21-3.02 MATERIALS Not Used

21-3.03 CONSTRUCTION Perform work ordered from the PECE report. This work is change order work.

21-3.04 PAYMENT Not Used

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DIVISION VI STRUCTURES

47 EARTH RETAINING SYSTEMS

Add to section 47:

47-7 EARTH RETAINING STRUCTURE (CORRUGATED STEEL PIPE)

47-7.01 General

47-7.01A Summary

Section 47-7 includes specifications for construction of earth retaining structure (corrugated steel pipe).

47-7.01B Definitions

ERS (CSP): earth retaining structure (corrugated steel pipe)

47-7.02 Materials

Structure excavation and backfill must comply with section 19-3.

Reinforced concrete must comply with section 51.

Treated wood must comply with section 57-2.

Corrugated Steel Pipe must comply with section 66-1.02E.

Permeable material must be Class 1, Type B, complying with section 68-2.02F.

Hardware must be commercial grade and galvanized under section 75.

Filter fabric must comply with section 96. Adhesive for bonding filter fabric to CSP must be commercial grade.

47-7.03 Construction

Place earth retaining structure (corrugated steel pipe) to the lines and grades as shown.

Concrete footings must be placed at least 48 hours before constructing the ERS (CSP). The structure backfill used in the construction of the ERS (CSP) must be accepted by the Engineer before concrete footings are placed.

Corrugated steel pipe shall be filled with permeable material.

Place permeable material to a maximum of 2 feet thick per layer. If you place sloped layers of permeable material to facilitate the work or to satisfy safety considerations, measure the vertical limit of each layer normal to the slope. Permeable material must be placed prior to metal bean guard rail post placement.

Place filter fabric as described and under the manufacturer's recommendations.

47-7.04 Payment

Earth retaining structure (corrugated steel pipe) are measured by the square foot of completed wall measured along the horizontal length and the vertical height from top of footing to top of wall.

49 PILING

Add to section 49-1.03:

Expect difficult pile installation due to the conditions shown in the following table:

Pile location		Conditions	
Bridge no. Support location			
11C-0015	All	Overhead power lines on north side of road	
11C-0016	All	Overhead power lines on north side of road	
11C-0017	All	Overhead power lines on north side of road	
11C-0179	All	Overhead power lines on north side of road	

Add to section 49-2.01A(3)(a):

Before installing driven piles, submit a Pile and Driving Data Form for each pile type for each of the support locations shown in the following table:

Bridge no.	Pile type	Support location
11C-0015	Class 90	Abut-1 & Abut-17
11C-0015	Class 140	Bents 2-16
11C-0016	Class 90	Abut-1 & Abut-9
11C-0016	Class 140	Bents 2-8
11C-0017	Class 90	Abut-1 & Abut-5
11C-0017	Class 140	Bents 2-4
11C-0179	Class 90	Abut-1 & Abut-3
11C-0179	Class 140	Bent 2

Add to section 49-2.01A(3)(b):

BID ITEM LIST

Br 11C-0015, BRLO 5911 (048)						
ITEM NO.	ITEM CODE	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	ITEM TOTAL
1		Construction Staking	1	LS		
2	160110	Temporary Fence (Type ESA)	2,360	LF		
3	070030	Lead Compliance Plan	1	LS		
4	080050	Progress Schedule (Critical Path Method)	1	LS		
5	010890	Temporary Dewatering Operation	1	LS		
6	130100	Job Site Management	1	LS		
7	130200	Prepare Water Pollution Control Program	1	LS		
8	130640	Temporary Fiber Roll	2,812	LF		
9	130710	Temporary Construction Entrance	1	LS		
10	130900	Temporary Concrete Washout Facility	1	LS		
11	120090	Construction Area Signs	1	LS		
12	120120	Type III Barricade	6	EA		
13	131104	Water Quality Monitoring Report	12	EA		
14	146001	Contractor Supplied Biologist (Day)	5	DAY		
15	146003	Natural Resource Protection plan	1	LS		
16	398001	Remove Asphalt Concrete Pavement	13,679	SQFT		
17	820250	Remove Roadside Sign	4	EA		
18	600097	Bridge Removal	1	LS		
19	170103	Clearing and Grubbing	1	LS		
20	190101	Roadway Excavation	2,042	CY		
21	198010	Imported Borrow	53	CY		
22 (F)	192020	Structure Excavation (Type D)	80	CY		
23 (F)	193003	Structure Backfill (Bridge)	53	CY		
24	204008	Plant (Group H)	12	EA		
25	210430	Erosion Control (Hydroseed)	5,687	SQFT		
26	220101	Finishing Roadway	1	LS		
27	260203	Class 2 Aggregate Base	2,227	CY		

	1	Γ	1	1		1
28	390132	Hot Mix Asphalt (Type A)	820	TON		
29	397005	Tack Coat	2	TON		
30	490736	Furnish Piling (Class 90)	266	LF		
31	490737	Drive Pile (Class 90)	10	EA		
32	490738	Furnish Piling (Class 140)	3,062	LF		
33	790739	Drive Pile (Class 140)	75	EA		
34 (F)	510053	Structural Concrete, Bridge	62	СҮ		
35 (F)	510054	Structural Concrete, Bridge (Polymer Fiber)	964	СҮ		
36	519091	Joint Seal (MR=1 1/2")	72	LF		
37 (F)	520102	Bar Reinforcing Steel (Bridge)	222,000	LB		
38 (F)	048290	California ST-75 Bridge Rail	1,046	LF		
39	839543	Transition Railing (Type WB-31)	4	EA		
40	820134	Object Marker (Type P)	4	EA		
41	839584	Alternative In-Line Terminal System	4	EA		
42	198250	Geosynthetic Reinforcement	93	SY		
43	840505	6" Thermoplastic Traffic Stripe	2,360	LF		
44	840529	6" Thermoplastic Traffic Stripe (BROKEN 36-12)	1,180	LF		
45	999990	Mobilization	1	LS		
	Sub	total Br 11C-0015, BRLO 5911 (048))			
		Br 11C-001	6, BRLO 5911 (047)		
ITEM NO.	ITEM CODE	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	ITEM TOTAL
46		Construction Staking	1	LS		
47	160110	Temporary Fence (Type ESA)	2,010	LF		
48	070030	Lead Compliance Plan	1	LS		
49	080050	Progress Schedule	1	LS		
50	010890	Temporary Dewatering Operation	1	LS		
51	130100	Job Site Management	1	LS		
52	130200	Prepare Water Pollution Control Program	1	LS		
53	130640	Temporary Fiber Roll	3,060	LF		
54	130710	Temporary Construction Entrance	1	LS		

55130000Facility11.S1.S56120000Construction Area Signs11.SIS57120120Type III Barricade6EAIS58131104Water Quality Monitoring Report12EAIS59146001Contractor Supplied Biologist (Day)5DAYIS60146003Natural Resource Protection plan1LSIS61398001Pavement14.811SQFTIS62820250Remove Roadside Sign4EAIS63141120Treated Wood Waste4501.BIS64600070Bridge Removal1LSIS65170103Clearing and Grubbing1LSIS66190101Roadway Excavation2.122CYIS67198000Imported Borrow115CYIS68 (F)192003Structure Excavation (Type D)59CYIS70197040Corrigated Steel Pipe)438SFIS71210430Enrother Enrig Structure7.969SQFTIS73260233Class 2 Aggregate Base2.521CYIS74390152Hol Mix Asphalt (Type A)960TONIS75397005Tack Coat2.000TONIS76490735Furnish Piling (Class 90)10EAIS75397035Tack Coat2.0			Temporary Concrete Washout			
57 120120 Type III Barricade 6 EA 58 131104 Water Quality Monitoring Report 12 EA 59 146001 Contractor Supplied Biologist (Day) 5 DAY 61 398001 Parement 14.811 SQFT 62 820250 Remove Asphalt Concrete 14.811 SQFT 63 141120 Treated Wood Waste 450 LB 64 600097 Bridge Removal 1 LS 65 170103 Clearing and Grubbing 1 LS 66 190101 Roadway Excavation 2,122 CY	55	130900		1	LS	
58131104Water Quality Monitoring Report12EA59146001Contractor Supplied Biologist (Day)5DAY60146003Natural Resource Protection plan1LS61398001Pavement14,811SQFT62820250Remove Roadside Sign4EA63141120Treated Wood Waste450LB64600097Bridge Removal11.S65170103Clearing and Grubbing1LS66190101Roadway Excavation2,122CY67198010Imported Borrow115CY68 (F)102020Structure Excavation (Type D)59CY70197040Grunzaed Steel Pipe)438SF71210430Erosion Control (Hydroseed)7,969SQFT72220101Finishing Roadway1LS73260203Class 2 Aggregate Base2,521CY7439132Hot Mix Asphalt (Type A)960TON75397005Tack Coat2.00ToN76490733Furnish Piling (Class 140)1,380LF77490733Drive Pile (Class 90)10EA78490738Furnish Piling (Class 140)35EA79790739Drive Pile (Class 140)35EA79790739Drive Pile (Class 140)1350LF79790739Drive Pile (Class 140)35EA </td <td>56</td> <td>120090</td> <td>Construction Area Signs</td> <td>1</td> <td>LS</td> <td></td>	56	120090	Construction Area Signs	1	LS	
59146001Contractor Supplied Biologist (Day)5DAY60146003Natural Resource Protection plan1LS61398001Pavement14,811SQFT62820250Remove Roadside Sign4EA63141120Treated Wood Waste4500LB64600097Bridge Removal1LS65170103Clearing and Grubbing1LS66190101Roadway Excavation2,122CY67198010Imported Borrow115CY68 (F)192020Structure Excavation (Type D)59CY70197040(Corrugated Steel Pipe)438SF71210430Erosion Control (Hydroseed)7,969SQFT72220101Finishing Roadway1LS73260203Class 2 Aggregate Base2,521CY74390132Hot Mix Asphalt (Type A)960TON75397005Tack Coat2.00TON76490736Furnish Piling (Class 140)1,380LF77490737Drive Pile (Class 140)35EA78490738Structural Concrete, Bridge67CY79790739Drive Pile (Class 140)1,380LF81(F)510054Rreinforcing Steel (Bridge)104,000LB82(F)520102Bar Reinforcing Steel (Bridge)104,000LB83(F)510054Crairing Structu	57	120120	Type III Barricade	6	EA	
60 146003 Natural Resource Protection plan 1 LS 61 398001 Remove Asphalt Concrete Pavement 14,811 SQFT 62 820250 Remove Roadside Sign 4 EA 63 141120 Treated Wood Waste 450 LB 64 600097 Bridge Removal 1 LS 65 170103 Clearing and Grubbing 1 LS 66 190101 Roadway Excavation 2,122 CY 67 198010 Imported Borrow 115 CY 68 (F) 192020 Structure Excavation (Type D) 59 CY 69 (F) 193003 Structure Backfill (Bridge) 56 CY 70 197040 Corrugated Steel Pipe) 438 SF 71 210430 Erosion Control (Hydroseed) 7,969 SQFT 72 220101 Finishing Roadway 1 LS 73 260203 Class 2 Aggregate Base 2,521 CY	58	131104	Water Quality Monitoring Report	12	EA	
61 398001 Remove Asphalt Concrete 14,811 SQFT 62 820250 Remove Roadside Sign 4 EA 63 141120 Treated Wood Waste 450 LB 64 600097 Bridge Removal 1 LS 65 170103 Clearing and Grubbing 1 LS 66 190101 Roadway Excavation 2.122 CY 67 198010 Imported Borrow 115 CY 68 F) 192020 Structure Excavation (Type D) 59 CY 69 (F) 193003 Structure Backfill (Bridge) 56 CY	59	146001	Contractor Supplied Biologist (Day)	5	DAY	
61398001Pavement14,811SQFT62820250Remove Roadside Sign4FA63141120Treated Wood Waste450LB64600097Bridge Removal1LS65170103Clearing and Grubbing1LS66199101Roadway Excavation2,122CY67198010Imported Borrow115CY68 (F)192020Structure Excavation (Type D)59CY69 (F)193003Structure Backfill (Bridge)56CY70197040Corrugated Steel Pipe)438SF71210430Erosion Control (Hydroseed)7,969SQFT72220101Finishing Roadway1LS73260203Class 2 Aggregate Base2,521CY74390132Hot Mix Asphalt (Type A)960TON75397005Tack Coat2.000TON76490736Furnish Piling (Class 90)10EA77490737Drive Pile (Class 90)100EA78490738Furnish Piling (Class 140)1,380LF79790739Drive Pile (Class 140)35EA80 (F)510053Structural Concrete, Bridge67CY81 (F)510054California ST-75 Bridge Rail512.50LF82 (F)520102Bar Reinforcing Steel (Bridge)104,000LB83 (F)510053Structural Concrete, Br	60	146003		1	LS	
63 141120 Treated Wood Waste 450 LB 64 600097 Bridge Removal 1 LS 65 170103 Clearing and Grubbing 1 LS 66 190101 Roadway Excavation 2,122 CY 67 198010 Imported Borrow 115 CY 68 (F) 192020 Structure Excavation (Type D) 59 CY 69 (F) 193003 Structure Excavation (Type D) 59 CY 70 197040 (Corrugated Steel Pipe) 438 SF 71 210430 Erosion Control (Hydroseed) 7,969 SQFT 72 220101 Finishing Roadway 1 LS 73 260203 Class 2 Aggregate Base 2,521 CY 74 390132 Hot Mix Asphalt (Type A) 960 TON 75 397005 Tack Coat 2.00 TON 76 490736 Furnish Piling (Class 90) 10 EA 79	61	398001		14,811	SQFT	
64 600097 Bridge Removal 1 LS 65 170103 Clearing and Grubbing 1 LS 66 190101 Roadway Excavation 2,122 CY 67 198010 Imported Borrow 115 CY 68 (F) 192020 Structure Excavation (Type D) 59 CY 69 (F) 193003 Structure Excavation (Type D) 59 CY 69 (F) 193003 Structure Excavation (Type D) 59 CY 70 197040 (Corrugated Steel Pipe) 438 SF 71 210430 Erosion Control (Hydroseed) 7,969 SQFT 73 260203 Class 2 Aggregate Base 2,521 CY 74 390132 Hot Mix Asphalt (Type A) 960 TON 75 397005 Tack Coat 2.00 TON 76	62	820250	Remove Roadside Sign	4	EA	
65 170103 Clearing and Grubbing 1 LS Image: Clearing and Grubbing 66 190101 Roadway Excavation 2,122 CY Image: Clearing and Grubbing 67 198010 Imported Borrow 115 CY Image: Clearing and Grubbing 68 (F) 192020 Structure Excavation (Type D) 59 CY Image: Clearing and Grubbing 69 (F) 193003 Structure Excavation (Type D) 59 CY Image: Clearing and Grubbing 70 197040 Corrugated Steel Pipe) 438 SF Image: Clearing and Grubbing Image: Clearing and Grubbing 71 210430 Erosion Control (Hydroseed) 7,969 SQFT Image: Clearing and Grubbing Structure Excavation (Type Myering and Grubbing Image: Clearing and Grubbing Image: Clearing and Grubing Image: Clearing and Grubbing <td< td=""><td>63</td><td>141120</td><td>Treated Wood Waste</td><td>450</td><td>LB</td><td></td></td<>	63	141120	Treated Wood Waste	450	LB	
66 190101 Roadway Excavation 2,122 CY 67 198010 Imported Borrow 115 CY 68 (F) 192020 Structure Excavation (Type D) 59 CY 69 (F) 193003 Structure Excavation (Type D) 59 CY 69 (F) 193003 Structure Backfill (Bridge) 56 CY 70 197040 (Corrugated Steel Pipe) 438 SF 71 210430 Erosion Control (Hydroseed) 7,969 SQFT 72 220101 Finishing Roadway 1 LS 73 260203 Class 2 Aggregate Base 2,521 CY 74 390132 Hot Mix Asphalt (Type A) 960 TON 75 397005 Tack Coat 2.00 TON 76 490736 Furnish Piling (Class 90) 10 EA 79 790739 Drive Pile (Class 140) 1,380 LF 79 790739 Drive Pile (Class 140)	64	600097	Bridge Removal	1	LS	
67 198010 Imported Borrow 115 CY 68 (F) 192020 Structure Excavation (Type D) 59 CY 69 (F) 193003 Structure Backfill (Bridge) 56 CY 70 197040 Corrugated Steel Pipe) 438 SF 71 210430 Erosion Control (Hydroseed) 7,969 SQFT 72 220101 Finishing Roadway 1 LS 73 260203 Class 2 Aggregate Base 2,521 CY 74 390132 Hot Mix Asphalt (Type A) 960 TON 75 397005 Tack Coat 2.00 TON 76 490736 Furnish Piling (Class 90) 266 LF 77 490737 Drive Pile (Class 90) 10 EA 78 490738 Furnish Piling (Class 140) 1,380 LF 79 790739 Drive Pile (Class 140) 35 EA 80 (F) 510053 Structural Concrete, Bridge 67 CY <tr< td=""><td>65</td><td>170103</td><td>Clearing and Grubbing</td><td>1</td><td>LS</td><td></td></tr<>	65	170103	Clearing and Grubbing	1	LS	
68 (F) 192020 Structure Excavation (Type D) 59 CY 69 (F) 193003 Structure Backfill (Bridge) 56 CY 70 197040 (Corrugated Steel Pipe) 438 SF 71 210430 Erosion Control (Hydroseed) 7,969 SQFT 72 220101 Finishing Roadway 1 LS 73 260203 Class 2 Aggregate Base 2,521 CY 74 390132 Hot Mix Asphalt (Type A) 960 TON	66	190101	Roadway Excavation	2,122	CY	
69 (F) 193003 Structure Backfill (Bridge) 56 CY 70 197040 (Corrugated Steel Pipe) 438 SF 71 210430 Erosion Control (Hydroseed) 7,969 SQFT 72 220101 Finishing Roadway 1 LS 73 260203 Class 2 Aggregate Base 2,521 CY 74 390132 Hot Mix Asphalt (Type A) 960 TON 75 397005 Tack Coat 2.00 TON 76 490736 Furnish Piling (Class 90) 266 LF 78 490738 Furnish Piling (Class 90) 10 EA 78 490738 Furnish Piling (Class 140) 1,380 LF 79 790739 Drive Pile (Class 140) 35 EA 80 (F) 510053 Structural Concrete, Bridge 67 CY 81 (F) 510054 (Polymer Fiber) 404 CY 82 (F) 520102 Bar Reinforcing Steel (Bridge) 104,000 LB	67	198010	Imported Borrow	115	CY	
70197040Earth Retaining Structure (Corrugated Steel Pipe)438SF71210430Erosion Control (Hydroseed)7,969SQFT72220101Finishing Roadway1LS73260203Class 2 Aggregate Base2,521CY74390132Hot Mix Asphalt (Type A)960TON75397005Tack Coat2.00TON76490736Furnish Piling (Class 90)266LF77490737Drive Pile (Class 90)10EA78490738Furnish Piling (Class 140)1,380LF79790739Drive Pile (Class 140)35EA80 (F)510053Structural Concrete, Bridge (Polymer Fiber)67CY81 (F)520102Bar Reinforcing Steel (Bridge)104,000LB83 (F)048290California ST-75 Bridge Rail512.50LF84839543Transition Railing (Type WB-31)4EA84839543Transition Railing (Type WB-31)4EA	68 (F)	192020	Structure Excavation (Type D)	59	CY	
70197040(Corrugated Steel Pipe)438SF71210430Erosion Control (Hydroseed)7,969SQFT72220101Finishing Roadway1LS73260203Class 2 Aggregate Base2,521CY74390132Hot Mix Asphalt (Type A)960TON75397005Tack Coat2.00TON76490736Furnish Piling (Class 90)266LF78490737Drive Pile (Class 90)10EA79790739Drive Pile (Class 140)1,380LF80 (F)510053Structural Concrete, Bridge67CY81 (F)510054(Polymer Fiber)404CY82 (F)520102Bar Reinforcing Steel (Bridge)104,000LB83 (F)048290California ST-75 Bridge Rail512.50LF84839543Transition Railing (Type WB-31)4EAMidwest Guardrail System (Wood16EA	69 (F)	193003		56	СҮ	
72 220101 Finishing Roadway 1 LS 73 260203 Class 2 Aggregate Base 2,521 CY 74 390132 Hot Mix Asphalt (Type A) 960 TON 75 397005 Tack Coat 2.00 TON 76 490736 Furnish Piling (Class 90) 266 LF 77 490737 Drive Pile (Class 90) 10 EA 78 490738 Furnish Piling (Class 140) 1,380 LF 79 790739 Drive Pile (Class 140) 35 EA 80 (F) 510053 Structural Concrete, Bridge 67 CY 81 (F) 510054 Kructural Concrete, Bridge 404 CY 82 (F) 520102 Bar Reinforcing Steel (Bridge) 104,000 LB 83 (F) 048290 California ST-75 Bridge Rail 512.50 LF 84 839543 Transition Railing (Type WB-31) 4 EA Midwest Guardrail System (Wood U EA Image: Structural System (Wood	70	197040		438	SF	
73 260203 Class 2 Aggregate Base 2,521 CY 74 390132 Hot Mix Asphalt (Type A) 960 TON	71	210430	Erosion Control (Hydroseed)	7,969	SQFT	
74 390132 Hot Mix Asphalt (Type A) 960 TON 75 397005 Tack Coat 2.00 TON 76 490736 Furnish Piling (Class 90) 266 LF 77 490737 Drive Pile (Class 90) 10 EA 78 490738 Furnish Piling (Class 140) 1,380 LF 79 790739 Drive Pile (Class 140) 35 EA 80 (F) 510053 Structural Concrete, Bridge 67 CY 81 (F) 510054 (Polymer Fiber) 404 CY 82 (F) 520102 Bar Reinforcing Steel (Bridge) 104,000 LB 83 (F) 048290 California ST-75 Bridge Rail 512.50 LF 84 839543 Transition Railing (Type WB-31) 4 EA	72	220101	Finishing Roadway	1	LS	
75397005Tack Coat2.00TON76490736Furnish Piling (Class 90)266LF77490737Drive Pile (Class 90)10EA78490738Furnish Piling (Class 140)1,380LF79790739Drive Pile (Class 140)355EA80 (F)51053Structural Concrete, Bridge67CY81 (F)510054Reinforcing Steel (Bridge)104,000LB82 (F)520102Bar Reinforcing Steel (Bridge)104,000LB83 (F)048290California ST-75 Bridge Rail512.50LF84839543Transition Railing (Type WB-31)4EA	73	260203	Class 2 Aggregate Base	2,521	CY	
76490736Furnish Piling (Class 90)266LF77490737Drive Pile (Class 90)10EA78490738Furnish Piling (Class 140)1,380LF79790739Drive Pile (Class 140)35EA80 (F)510053Structural Concrete, Bridge (Polymer Fiber)67CY81 (F)510054Polymer Fiber)404CY82 (F)520102Bar Reinforcing Steel (Bridge)104,000LB83 (F)048290California ST-75 Bridge Rail512.50LF84839543Transition Railing (Type WB-31)4EA	74	390132	Hot Mix Asphalt (Type A)	960	TON	
77 490737 Drive Pile (Class 90) 10 EA 78 490738 Furnish Piling (Class 140) 1,380 LF 79 790739 Drive Pile (Class 140) 35 EA 80 (F) 510053 Structural Concrete, Bridge 67 CY 81 (F) 510054 (Polymer Fiber) 404 CY 82 (F) 520102 Bar Reinforcing Steel (Bridge) 104,000 LB 83 (F) 048290 California ST-75 Bridge Rail 512.50 LF 84 839543 Transition Railing (Type WB-31) 4 EA	75	397005	Tack Coat	2.00	TON	
78 490738 Furnish Piling (Class 140) 1,380 LF 79 790739 Drive Pile (Class 140) 35 EA 80 (F) 510053 Structural Concrete, Bridge 67 CY 81 (F) 510054 (Polymer Fiber) 404 CY 82 (F) 520102 Bar Reinforcing Steel (Bridge) 104,000 LB 83 (F) 048290 California ST-75 Bridge Rail 512.50 LF 84 839543 Transition Railing (Type WB-31) 4 EA	76	490736	Furnish Piling (Class 90)	266	LF	
79790739Drive Pile (Class 140)35EA80 (F)510053Structural Concrete, Bridge67CY81 (F)510054(Polymer Fiber)404CY82 (F)520102Bar Reinforcing Steel (Bridge)104,000LB83 (F)048290California ST-75 Bridge Rail512.50LF84839543Transition Railing (Type WB-31)4EA	77	490737	Drive Pile (Class 90)	10	EA	
80 (F)510053Structural Concrete, Bridge67CY81 (F)510054Structural Concrete, Bridge (Polymer Fiber)404CY82 (F)520102Bar Reinforcing Steel (Bridge)104,000LB83 (F)048290California ST-75 Bridge Rail512.50LF84839543Transition Railing (Type WB-31)4EAMidwest Guardrail System (Wood	78	490738	Furnish Piling (Class 140)	1,380	LF	
81 (F)510054Structural Concrete, Bridge (Polymer Fiber)404CY82 (F)520102Bar Reinforcing Steel (Bridge)104,000LB83 (F)048290California ST-75 Bridge Rail512.50LF84839543Transition Railing (Type WB-31)4EAMidwest Guardrail System (Wood	79	790739	Drive Pile (Class 140)	35	EA	
81 (F)510054(Polymer Fiber)404CY82 (F)520102Bar Reinforcing Steel (Bridge)104,000LB83 (F)048290California ST-75 Bridge Rail512.50LF84839543Transition Railing (Type WB-31)4EAMidwest Guardrail System (Wood	80 (F)	510053		67	CY	
83 (F) 048290 California ST-75 Bridge Rail 512.50 LF 84 839543 Transition Railing (Type WB-31) 4 EA Midwest Guardrail System (Wood Image: Constraint of the system (Wood) Image: Constraint of the system (Wood)	81 (F)	510054		404	CY	
84 839543 Transition Railing (Type WB-31) 4 EA Midwest Guardrail System (Wood	82 (F)	520102	Bar Reinforcing Steel (Bridge)	104,000	LB	
Midwest Guardrail System (Wood	83 (F)	048290	California ST-75 Bridge Rail	512.50	LF	
	84	839543		4	EA	
	85	832007	Midwest Guardrail System (Wood Post)	87.50	LF	

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86	839576	End Cap (Type A)	1	EA		
87	839581	End Anchor Assembly (Type SFT)	1	EA		
88	820134	Object Marker (Type P)	4	EA		
89	839584	Alternative In-Line Terminal System	3	EA		
90	198250	Geosynthetic Reinforcement	125	SY		
91	840505	6" Thermoplastic Traffic Stripe	1,922	LF		
92	840529	6" Thermoplastic Traffic Stripe (BROKEN 36-12)	993	LF		
93	999990	Mobilization	1	LS		
	Sub	total Br 11C-0016, BRLO 5911 (047)				
		Br 11C-001'	7, BRLO 5911 (049)		
ITEM NO.	ITEM CODE	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	ITEM TOTAL
94		Construction Staking	1	LS		
95	160110	Temporary Fence (Type ESA)	2,135	LF		
96	070030	Lead Compliance Plan	1	LS		
97	080050	Progress Schedule	1	LS		
98	010890	Temporary Dewatering Operation	1	LS		
99	130100	Job Site Management	1	LS		
100	130200	Prepare Water Pollution Control Program	1	LS		
101	130640	Temporary Fiber Roll	3,822	LF		
102	130710	Temporary Construction Entrance	1	LS		
103	130900	Temporary Concrete Washout Facility	1	LS		
104	120090	Construction Area Signs	1	LS		
105	120120	Type III Barricade	6	EA		
106	131104	Water Quality Monitoring Report	12	EA		
107	146001	Contractor Supplied Biologist (Day)	5	DAY		
108	146003	Natural Resource Protection plan	1	LS		
109	398001	Remove Asphalt Concrete Pavement	17,108	SQFT		
110	820250	Remove Roadside Sign	4	EA		
111	710132	Remove Culvert	41	LF		
112	600097	Bridge Removal	1	LS		

113	170103	Clearing and Grubbing	1	LS		
114	190101	Roadway Excavation	2,580	СҮ		
115	198010	Imported Borrow	185	CY		
116 (F)	192020	Structure Excavation (Type D)	92	CY		
117				СҮ		
(F)	193003	Structure Backfill (Bridge)	54			
118	204008	Plant (Group H)	1	EA		
119	210430	Erosion Control (Hydroseed)	8,695	SQFT		
120	220101	Finishing Roadway	1	LS		
121	260203	Class 2 Aggregate Base	3,152	CY		
122	390132	Hot Mix Asphalt (Type A)	1,175	TON		
123	397005	Tack Coat	2	TON		
124	490736	Furnish Piling (Class 90)	117 238	LF		
125	490737	Drive Pile (Class 90)	10	EA		
126	490738	Furnish Piling (Class 140)	728 610	LF		
127	790739	Drive Pile (Class 140)	15	EA		
128 (F)	510053	Structural Concrete, Bridge	63	CY		
129 (F)	510054	Structural Concrete, Bridge (Polymer Fiber)	191	СҮ		
130 (F)	510502	Minor Concrete (Minor Structure)	8	CY		
131						
(F) 132	520102	Bar Reinforcing Steel (Bridge)	54,200	LB		
(F)	048290	California ST-75 Bridge Rail 24" Reinforced Concrete Pipe	268	LF		
133	650416	(Class IV)	69	LF		
134	839543	Transition Railing (Type WB-31)	4	EA		
135	820134	Object Marker (Type P)	4	EA		
136	839584	Alternative In-Line Terminal System	4	EA		
137	810111 A	Survey Monument [Reset]	1	EA		
138	198250	Geosynthetic Reinforcement	533	SY		
139	840505	6" Thermoplastic Traffic Stripe	1,939	LF		
140	840529	6" Thermoplastic Traffic Stripe (BROKEN 36-12)	1,033	LF		
	999990					
141		Mobilization total Br 11C-0017, BRLO 5911 (049)	1	LS		

	Br 11C-0179, BRLO 5911 (050)									
ITEM NO.	ITEM CODE	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	ITEM TOTAL				
142		Construction Staking	1	LS						
143	160110	Temporary Fence (Type ESA)	1,775	LF						
144	070030	Lead Compliance Plan	1	LS						
145	080050	Progress Schedule	1	LS						
146	010890	Temporary Dewatering Operation	1	LS						
147	130100	Job Site Management	1	LS						
148	130200	Prepare Water Pollution Control Program	1	LS						
149	130640	Temporary Fiber Roll	3,506	LF						
150	130710	Temporary Construction Entrance	1	LS						
151	130900	Temporary Concrete Washout Facility	1	LS						
152	120090	Construction Area Signs	1	LS						
153	120120	Type III Barricade	2	EA						
154	131104	Water Quality Monitoring Report	12	EA						
155	146001	Contractor Supplied Biologist (Day)	5	DAY						
156	146003	Natural Resource Protection plan	1	LS						
157	398001	Remove Asphalt Concrete Pavement	15,149	SQFT						
158	820250	Remove Roadside Sign	6	EA						
159	141120	Treated Wood Waste	250	LB						
160	710132	Remove Culvert	33	LF						
161	600097	Bridge Removal	1	LS						
162	170103	Clearing and Grubbing	1	LS						
163	190101	Roadway Excavation	1,964	СҮ						
164	198010	Imported Borrow	98	СҮ						
165 (F)	192020	Structure Excavation (Type D)	89	СҮ						
166 (F)	193003	Structure Backfill (Bridge)	51	CY						
167	210430	Erosion Control (Hydroseed)	7,239	SQFT						
168	220101	Finishing Roadway	1	LS						
169	260203	Class 2 Aggregate Base	2,664	СҮ						
170	390132	Hot Mix Asphalt (Type A)	943	TON						

171	397005	Tack Coat	2.00	TON	
172	490736	Furnish Piling (Class 90)	143 285	LF	
		T			
173	490737	Drive Pile (Class 90)	10	EA	
174	490738	Furnish Piling (Class 140)	369 238	LF	
175	790739	Drive Pile (Class 140)	5	EA	
176	510052		C 1	CN	
(F) 177	510053	Structural Concrete, Bridge Structural Concrete, Bridge	64	CY	
(F)	510054	(Polymer Fiber)	73	CY	
178	510051		13	01	
(F)	520102	Bar Reinforcing Steel (Bridge)	27,200	LB	
179					
(F)	048290	California ST-75 Bridge Rail	147	LF	
		24" Reinforced Concrete Pipe			
180	650416	(Class IV)	42	LF	
181	839543	Transition Railing (Type WB-31)	4	EA	
182	820134	Object Marker (Type P)	4	EA	
		Alternative In-Line Terminal			
183	839584	System	4	EA	
184	840505	6" Thermoplastic Traffic Stripe	1,665	LF	
		6" Thermoplastic Traffic Stripe			
185	840529	(BROKEN 36-12)	858	LF	
186	9999990	Mobilization	1	LS	
	Sub	total Br 11C-0179, BRLO 5911 (050))		

TOTAL BID (ALL FOUR BRIDGES)

NOTE: **"TOTAL BID**" is only on the last page of the Bid Item List. Contract award shall be made to the lowest "TOTAL BID" received.

BID ITEM LIST

ITEM NO.	ITEM CODE	DESCRIPTION	, BRLO 5911 (0) QUANTITY	UNIT	UNIT PRICE	ITEM TOTAI
1		Construction Staking	1	LS		
2	160110	Temporary Fence (Type ESA)	2,360	LF		
3	070030	Lead Compliance Plan	1	LS		
4	080050	Progress Schedule (Critical Path Method)	1	LS		
5	010890	Temporary Dewatering Operation	1	LS		
6	130100	Job S ² nagement	1	LS		
7	130200	Prepare , r Pollution Control Program	1	LS		
8	130640	Temporary Fi.	2,812	LF		
9	130710	Temporary Constr. Entrance	1	LS		
10	130900	Temporary Concrete Out Facility	1	LS		
11	120090	Construction Area Signs	1	LS		
12	120120	Facility Construction Area Signs Type III Barricade	6	EA		
13	131104	Water Quality Monitoring Report		EA		
14	146001	Contractor Supplied Biologist (Day)		DAY		
15	146003	Natural Resource Protection plan		LS		
16	398001	Remove Asphalt Concrete Pavement	13 674 💙 🔊	SQFT		
17	820250	Remove Roadside Sign	4			
18	600097	Bridge Removal	1			
19	170103	Clearing and Grubbing	1	LS	, 	
20	190101	Roadway Excavation	2,042	CY	CONTRACT.	
21	198010	Imported Borrow	53	CY	× C3	
22 (F)	192020	Structure Excavation (Type D)	80	CY		
23 (F)	193003	Structure Backfill (Bridge)	53	CY		
24	204008	Plant (Group H)	12	EA		
25	210430	Erosion Control (Hydroseed)	5,687	SQFT		
26	220101	Finishing Roadway	1	LS		
27	260203	Class 2 Aggregate Base	2,227	CY		

Contrac	et		T	1	Γ	Γ
28	390132	Hot Mix Asphalt (Type A)	820	TON		
29	397005	Tack Coat	2	TON		
30	490736	Furnish Piling (Class 90)	266	LF		
31	490737	Drive Pile (Class 90)	10	EA		
32	490738	Furnish Piling (Class 140)	3,062	LF		
33	790739	Drive Pile (Class 140)	75	EA		
34 (F)	510053	Structural Concrete, Bridge	62	CY		
35 (F)	510054	Structural Concrete, Bridge (Polymer Fiber)	964	СҮ		
36	519091	Joint Seal (M1 6, '2")	72	LF		
37 (F)	520102	Bar Reinforcing S. Ridge)	222,000	LB		
38 (F)	048290	California ST-75 Bria	1,046	LF		
39	839543	Transition Railing (Type)	$ \begin{array}{c} $	EA		
40	820134	Object Marker (Type P) Alternative In-Line Terminal	4	EA		
41	839584	System	4	EA		
42	198250	Geosynthetic Reinforcement	<u>93</u>	SY		
43	840505	6" Thermoplastic Traffic Stripe 6" Thermoplastic Traffic Stripe		LF		
44	840529	(BROKEN 36-12)	<u>1.</u>	LF		
45	999990	Mobilization	1	LS		
	Sub	total Br 11C-0015, BRLO 5911 (048)		- ~~		
				Nº4		
ITEM	ITEM		5, BRLO 5911 (04	47)	UT PRICE	ΙΤΕΜ ΤΟΤΑ
NO.	CODE	DESCRIPTION	QUANTITY	UNIT		
46		Construction Staking	1	LS		
47	160110	Temporary Fence (Type ESA)	2,010	LF	R COMPANY	
48	070030	Lead Compliance Plan	1	LS	~	
49	080050	Progress Schedule	1	LS		
50	010890	Temporary Dewatering Operation	1	LS		
51	130100	Job Site Management Prepare Water Pollution Control	1	LS		
52	130200	Prepare Water Pollution Control Program	1	LS		
53	130640	Temporary Fiber Roll	3,060	LF		
54	130710	Temporary Construction Entrance	1	LS		

	et	Temporary Concrete Washout			
55	130900	Facility	1	LS	
56	120090	Construction Area Signs	1	LS	
57	120120	Type III Barricade	6	EA	
58	131104	Water Quality Monitoring Report	12	EA	
59	146001	Contractor Supplied Biologist (Day)	5	DAY	
60	146003	Natural Resource Protection plan	1	LS	
61	398001	Remove Asphalt Concrete Pavement	14,811	SQFT	
62	820250	Remove Roadside Sign	4	EA	
63	141120	Treated Wood Y	450	LB	
64	600097		1	LS	
65	170103	Bridge Removal Clearing and Grubbing Roadway Excavation Imported Borrow Structure Backfill (Bridge) Earth Retaining Structure (Corrugated Steel Pipe) Erosion Control (Hydroseed) Finishing Roadway Class 2 Aggregate Base Hot Mix Asphalt (Type A)	1	LS	
66	190101	Roadway Excavation	2,122	CY	
67	198010	Imported Borrow	115	CY	
58 (F)	192020	Structure Excavation (Type D	59	СҮ	
59 (F)	193003	Structure Backfill (Bridge)	56	СҮ	
70	197040	Earth Retaining Structure (Corrugated Steel Pipe)		SE	
70	210430	Erosion Control (Hydroseed)	96	SOFT	
72	220101	Finishing Roadway			
73	260203	Class 2 Aggregate Base	2,521		
74	390132	Hot Mix Asphalt (Type A)	960	TO.	
75	397005	Tack Coat	2.00	TON	N. C.
76	490736	Furnish Piling (Class 90)	266	LF	
77	490737	Drive Pile (Class 90)	10	EA	C Og
78	490738	Furnish Piling (Class 140)	1,380	LF	1 E
79	790739	Drive Pile (Class 140)	35	EA	
80 (F)	510053	Structural Concrete, Bridge	67	CY	
		Structural Concrete, Bridge			
81 (F)	510054	(Polymer Fiber)	404	CY	
82 (F)	520102	Bar Reinforcing Steel (Bridge)	104,000	LB	
83 (F)	048290	California ST-75 Bridge Rail	512.50	LF	
84	839543	Transition Railing (Type WB-31) Midwest Guardrail System (Wood	4	EA	
85	832007	Post)	87.50	LF	

Contrac	et					
86	839576	End Cap (Type A)	1	EA		
87	839581	End Anchor Assembly (Type SFT)	1	EA		
88	820134	Object Marker (Type P)	4	EA		
89	839584	Alternative In-Line Terminal System	3	EA		
90	198250	Geosynthetic Reinforcement	125	SY		
91	840505			LF		
		6" Thermoplastic Traffic Stripe 6 Thermoplastic Traffic Stripe	1,922			
92	840529	(BROKEN 36-12)	993	LF		
93	999990	Mobilization	1	LS		
	Sub	Mobilization total Br 11C-001, UO 5911 (047)				
			DDI O 5011 (0	40)		
ITEM	ITEM	DESCRIPTION	, BRLO 5911 (04	49) UNIT	UNIT PRICE	ITEM TOTAL
NO.	CODE	DESCRIPTION -	QUANIIII	UNII	UNIT PRICE	TIEM IOTAL
94		Construction Staking	1	LS		
95	160110	Temporary Fence (Type ESA)	2,135	LF		
96	070030	Lead Compliance Plan	RO.	LS		
97	080050	Progress Schedule	BR	LS		
98	010890	Temporary Dewatering Operation	BRLO 5911 (04 QUANTITY	LS		
99	130100	Job Site Management	1	`.S		
100	130200	Prepare Water Pollution Control Program	1	NA.	RU OR CONTRACT	
101	130640	Temporary Fiber Roll	3,822		7.	
102	130710	Temporary Construction Entrance	1			
102	130900	Temporary Concrete Washout Facility	1	LS		
103	120090	Construction Area Signs	1	LS		
101	120090	Type III Barricade	6	ΕΔ	T KG	
105	131104	Water Quality Monitoring Report	12	EA		'
107	146001		5			
		Contractor Supplied Biologist (Day)		DAY		
108	146003	Natural Resource Protection plan Remove Asphalt Concrete	1	LS		
109	398001	Pavement	17,108	SQFT		
110	820250	Remove Roadside Sign	4	EA		
111	710132	Remove Culvert	41	LF		
112	600097	Bridge Removal	1	LS		

113	170103	Clearing and Grubbing	1	LS		
114	190101	Roadway Excavation	2,580	СҮ		
115	198010	Imported Borrow	185	CY		
116		*				
(F) 117	192020	Structure Excavation (Type D)	92	CY		
(F)	193003	Structure Backfill (Bridge)	54	CY		
118	204008	Plant (Group H)	1	EA		
119	210430	Exosion Control (Hydroseed)	8,695	SQFT		
120	220101	Finishing Roadw	1	LS		
121	260203	Class 2 Aggregat	3,152	CY		
122	390132	Hot Mix Asphalt (Ty	1,175	TON		
123	397005	Tack Coat	2	TON		
124	490736	Class 2 Aggregat Hot Mix Aspralt (Ty) Tack Coat Furnish Piling (Class 90) Drive Pile (Class 90) Furnish Piling (Class 140) Drive Pile (Class 140) Drive Pile (Class 140) Structural Concrete, Bridge (Polymer Fiber) Minor Concrete (Minor Structure) Bar Painforcing Steal (Bridge)	117 238	LF		
125	490737	Drive Pile (Class 90)	10	EA		
126	490738	Furnish Piling (Class 140)	12 <u>8 610</u>	LF		
127	790739	Drive Pile (Class 140)	TRO-	EA		
128 (F)	510053	Structural Concrete, Bridge	BRA	СҮ		
(F)	510054	Structural Concrete, Bridge (Polymer Fiber)		CY		
130			191			
(F) 131	510502	Minor Concrete (Minor Structure)	8	NA-		
(F) 132	520102	Bar Reinforcing Steel (Bridge)	54,200			
(F)	048290	California ST-75 Bridge Rail 24" Reinforced Concrete Pipe	268	LF		
133	650416	(Class IV)	69	LF		
134	839543	Transition Railing (Type WB-31)	4	EA	Ý.	
135	820134	Object Marker (Type P)	4	EA	THE OF COMPANY OF C	
136	839584	Alternative In-Line Terminal System	4	EA		 +
137	810111 A	Survey Monument [Reset]	1	EA		
138	198250	Geosynthetic Reinforcement	533	SY		
139	840505	6" Thermoplastic Traffic Stripe	1,939	LF		
140	840529	6" Thermoplastic Traffic Stripe (BROKEN 36-12)	1,033	LF		
140	9999990	Mobilization	1,035	LI		
141		total Br 11C-0017, BRLO 5911 (049)	-		l	
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Contract

TEM	ITEM	DESCRIPTION	r 11C-0179, BRLO 5911 (05 N QUANTITY	UNIT	UNIT PRICE	ITEM TOTAI
NO.	CODE		X 011111	01121		
142		Construction Staking	1	LS		
143	160110	Temporary Fence (Type ESA)	1,775	LF		
144	070030	Lead Compliance Plan	1	LS		
145	080050	Progress Schedule	1	LS		
146	010890	Temporary Dewatering Operation	1	LS		
147	130100	Job Site Manager Int	1	LS		
148	130200	Prepare Water Con Control Program	1	LS		
149	130640	Temporary Fiber Rol	3,506	LF		
150	130710	Temporary Construction	1	LS		
151	130900	Prepare Water 1 of on Control Program Temporary Fiber Rol. Temporary Construction 1 of ce Temporary Concrete Wash Facility Construction Area Signs Type III Barricade Water Quality Monitoring Report Contractor Supplied Biologist (Day) Natural Resource Protection plan Remove Asphalt Concrete Pavement	1	LS		
152	120090	Construction Area Signs	1	LS		
153	120120	Type III Barricade	2	EA		
154	131104	Water Quality Monitoring Report	NO.	EA		
155	146001	Contractor Supplied Biologist (Day)	BR	DAY		
156	146003	Natural Resource Protection plan	1	LS		
157	398001	Remove Asphalt Concrete Pavement	15.149	Tr 📢		
158	820250	Remove Roadside Sign	6			
159	141120	Treated Wood Waste	250		ls.	
160	710132	Remove Culvert	33	LF		
161	600097	Bridge Removal	1	LS	CO	
162	170103	Clearing and Grubbing	1	LS		
163	190101	Roadway Excavation	1,964	CY	C3	
164	198010	Imported Borrow	98	CY		
165 (F)	192020	Structure Excavation (Type D)	89	CY		
166 (F)	193003	Structure Backfill (Bridge)	51	CY		
167	210430	Erosion Control (Hydroseed)	7,239	SQFT		\mathbf{N}
168	220101	Finishing Roadway	1	LS		
169	260203	Class 2 Aggregate Base	2,664	CY		
170	390132	Hot Mix Asphalt (Type A)	943	TON		

Revised per Addendum 1 & 3

Contract

Contra	ct				
171	397005	Tack Coat	2.00	TON	
172	490736	Furnish Piling (Class 90)	143 285	LF	
173	490737	Drive Pile (Class 90)	10	EA	
174	490738	Furnish Piling (Class 140)	369 238	LF	
175	790739	Drive Pile (Class 140)	5	EA	
176 (F)	510053	Structural Concrete, Bridge	64	СҮ	
177 (F)	510054	Structural Concrete, Bridge (Polymer F ^{**}	73	СҮ	
178 (F)	520102	Bar Reinforcin, 1 (Bridge)	27,200	LB	
(F)	048290	California ST 75 b Rail	147	LF	
180	650416	24" Reinforced Conc. 3 ipe			
181	839543	Transition Railing (Type W	4	EA	
182	820134	Object Marker (Type P)	4	EA	
183	839584	Alternative In-Line Terminal	4	EA	
184	840505	6" Thermoplastic Traffic Stripe	5 <u>65</u>	LF	
185	840529	6" Thermoplastic Traffic Stripe (BROKEN 36-12)		LF	
186	999990	Mobilization	1	LS	
	Sub	ototal Br 11C-0179, BRLO 5911 (050		12	
				NA.	
TOTAL BID (ALL FOUR BRIDGES)					
180 650416 (Class IV) 42 LF 181 839543 Transition Railing (Type W) 4 EA 182 820134 Object Marker (Type P) 4 EA 183 839584 System 4 EA 184 840505 6" Thermoplastic Traffic Stripe 565 LF 185 840529 (BROKEN 36-12) LF LF 186 999990 Mobilization 1 LS 186 999990 Mobilization 1 LF 186 999990 Mobilization 1 LS TOTAL BID (ALL FOUR BRIDGES) NOTE: "TOTAL BID" is only on the last page of the Bid Item List. Contract award shall be made to the lowest "TOTAL BID" received.					
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TOTAL BID (ALL FOUR BRIDGES)