

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

1727 30th Street MS-43

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July 25, 2012

05-Mon,SBt-101-100.0/101.3, 0.0/1.6

05-315804

Project ID 0500000495

Addendum No. 2

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN MONTEREY AND SAN BENITO COUNTIES NEAR PRUNDALE AT VARIOUS LOCATIONS FROM 0.4 MILE SOUTH OF DUNBARTO IN ROAD (NORTH) TO CANNON ROAD.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on Friday, August 24, 2012, instead of the original date of Tuesday, August 21, 2012.

This addendum is being issued to set a new bid opening date as shown herein and revise the Project Plans, the Notice to Bidders and Special Provisions and the Bid book and to provide additional information to the Information Handout and Cross Sections.

Project Plan Sheets 12, 13, 15, 16, 17, 27, 33, 34, 35, 36, 40, 62, 63, 65, 67, 68, 69, 70, 71, 73, 74, 75, 104, 113, 114, 115, 117, 128, 131, 132, 135, 141, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 186, 191, 197, 198, 210, 214, 243, 244, 255, 256, 257, 258, 259, 260, 261, 262, 263, 269, 271, 272, 273, 281, 282, 283, 287, 288, 289, 295, 300, 301, 328, 329, 330, 331, 337, 340, 342, 343, 344, 364, 380, 396, 397, 398, 399, 401, 402 and 569 are revised. Copies of the revised sheets are attached for substitution for the like-numbered sheets.

Project Plan Sheets 7A, 141A, 191A, 255A, 270A and 396A are added. Copies of the added sheets are attached for addition to the project plans.

In the Notice to Bidders, the twelfth paragraph is revised as follows:

"A mandatory prebid meeting is scheduled for this project at 10:00 AM on August 2, 2012, at Prundale Grange Hall, 17890 Moro Road, Prundale, CA 93907."

In the Notice to Bidders, the thirteenth paragraph is revised as follows:

"The Department will receive bids until 10:00 a.m. on the bid open date at 1727 30th Street. Bidder's exchange, MS 26, Sacramento, CA 95816. Bids received after this time will not be accepted. Department staff will direct the bidders to the bid opening."

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In the Special Provisions, Section 5-1.10, "SUPPLEMENTAL PROJECT INFORMATION," is revised as attached.

In the Special Provisions, Section 5-1.11, "SPECIES PROTECTION," is revised as attached.

In the Bid book, in the "Bid Item List," Items 29, 44, 45, 47, 57, 58, 63, 67, 77, 99, 100, 103, 105, 106, 108, 109, 113, 121, 145, 146, 147, 154, 165, 174, 176, 178, 179, 180, 206, 216, 217 and 218 are revised as attached.

To Bid book holders:

Replace pages 4, 5, 6, 7, 8, 9, 10, 11, and 13 of the "Bid Item List" in the Bid book with the attached revised pages 4, 5, 6, 7, 8, 9, 10, 11, and 13 of the Bid Item List. The revised Bid Item List is to be used in the bid.

Attached is a copy of the Additional Information Handout and Cross Sections.

Inquiries or questions in regard to this addendum must be communicated as a bidder inquiry and must be made as noted in the Notice to Bidders section of the Notice to Bidders and Special Provisions.

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the Bid book.

Submit bids in the Bid book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

This addendum and attachments are available for the Contractors' download on the Web site:

http://www.dot.ca.gov/hq/esc/oc/project_ads_addenda/05/05-315804

If you are not a Bid book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,



REBECCA D. HARNAGEL
Chief, Office of Plans, Specifications & Estimates
Office Engineer
Division of Engineering Services

Attachments

5-1.10 SUPPLEMENTAL PROJECT INFORMATION

The Department makes the following supplemental project information available:

Supplemental Project Information

Means	Description
Included in the Information Handout	<ul style="list-style-type: none"> A. Foundation Report for San Juan Road OC Bridge, Br. No. 43-0047, dated June 14, 2011. B. Final Hydraulic Report for San Juan Road Interchange, Br. No. 43-0047, dated October 11, 2010. C. Foundation Report for Retaining Wall No. 1 (Soil Nail Wall) dated June 14, 2011. D. Foundation Report for Retaining Wall No. 2 (Soil Nail Wall) dated June 14, 2011. E. United States Fish and Wildlife Service Biological Opinion, (8-8-09-F-36) dated October 7,2009 F. Amendment of The Biological Opinion (8-8-09-F-36) dated March 16, 2012 G. California Department of Fish and Game 1602 permit Notification No.1600-2011-0169-R4, H. California Fish and Game Incidental Take Permit No.2081-2011-064-04 I. Regional Water Quality Control Board 401 Certification No. 33511WQ04 J United States Army Corps of Engineers 404 Permit. Permit No.2010-00345S K. Cal-OSHA Division of Mining and Tunneling unit classification. L. Geotechnical Design Report Dated December 20,2011 M. Aerially Deposited Lead Site Investigation Report dated January 2008 N. Supplemental Site Investigation Report dated January 2012 O. Amendment to RWQCB 401 Certifications (Cert No.33511WQ04), dated June 15, 2012 P. Second amendment to RWQCB 401 Certifications (Cert No.33511WQ04), dated June 25, 2012 Q. Amendment No.1 to California Fish and Game Incidental Take Permit No.2081-2011-064-04, dated July 10, 2012. R. OH Sign Subsurface Investigation Report dated July 13, 2012."
Available as specified in the Standard Specifications	<p>Cross sections:</p> <ul style="list-style-type: none"> 1. Cross Sections in a PDF and 2D DGN file format. 2. Original ground data in a 2D DGN and XML file format. 3. Horizontal geometric alignment files in a TXT format and KCM format. 4. Vertical geometric alignment files in a TXT format and KCM format.

5-1.11 SPECIES PROTECTION

GENERAL

Summary

This work includes protecting regulated species or their habitat.

This project is within or near habitat for regulated species:

California red-legged frog (<i>Rana draytonii</i>)
California tiger salamander (<i>Ambystoma californiense</i>)
southwestern pond turtle (<i>Actinemys marmorata pallida</i>)

CONSTRUCTION

Protective Radius

Upon discovery of a regulated species, stop construction activities within a 100 foot radius of the discovery. Immediately notify the Engineer. Do not resume activities until receiving written notification from the Engineer.

Biological Resource Information

Implement the following Biological Resource Information requirements:

1. A biological training session for all construction personnel is required prior to the start of construction activities.
2. The Contractor must notify the Engineer no later than 5 working days prior to start of construction activities to schedule a pre-construction training session conducted by a State Furnished Biologist.
3. Subsequent training sessions are required for all new personnel working on the project site prior to their performing work.
4. All personnel must have their training renewed annually.
5. The Contractor must notify the Engineer no later than 5 working days prior to new personnel working on the project site to schedule pre-construction training sessions conducted by a State Furnished Biologist or a U.S. Fish and Wildlife Service -approved onsite monitor. No more than 2 training sessions will be scheduled per month.

Protection Measures

No ground disturbing activities shall occur without approval from the Engineer within Biological Monitoring Area 1. Within Biological Monitoring Area 1, implement the following protection measures:

1. No ground disturbing activities shall occur in BMA1 unless approved by the State Furnished Biologist and the Engineer.
2. The Contractor shall notify the Engineer no later than 21 days prior to start of initial ground disturbance. Initial ground disturbance is defined as any clearing, grubbing, grading, and/or other activities that disturb unpaved surfaces.
3. All animal burrows will be hand excavated by the State Furnished Biologist between station limits STA 56+00 SJR1 to STA 62+00 SJR1, STA 44+09 FRE1 to STA 51+00 FRE1, STA 801+00 R4 to STA 803+00 R4, STA 805+00 R3 to STA 817+00 R3, STA 45+00 CO1 to STA 50+00 CO1. No construction activities are allowed in these areas until all animal burrows have been excavated. The Contractor shall notify the Engineer no later than 30 days prior to start of initial ground disturbance at these locations.
4. A pre-construction survey is required by a State Furnished Biologist no later than 14 days prior to start of initial ground disturbance.
5. All initial ground disturbances must be monitored by a State Furnished Biologist within BMA1. The Contractor shall inform the Engineer 5 days prior to disturbing any previously undisturbed areas within BMA1
6. The contractor shall notify the Engineer 5 days prior to ground disturbance within BMA1 anytime there is a rain event (measurable rain) concurrent with an absence of work activity (ground disturbance) of 14 days or more for the purpose of scheduling biological surveys of BMA1.
7. All night work within BMA1 shall be prohibited when a 70 percent or greater chance of rainfall is predicted within 24 hours of Project activity.

8. All daytime work within BMA1 shall not begin when there is a 70 percent chance of rain in a 24 hour period until the entire project limits have been surveyed by a state furnished biologist or state designated monitor. The National Weather Service (NWS) 72-hour forecast for the Project area shall be used to determine the probability of precipitation.
9. From November 1 to June 14, all Project activities within BMA1 shall terminate 30 minutes before sunset and shall not resume until 30 minutes after sunrise. Sunrise and sunset times established by the United States Naval Observatory Astronomical Applications Department for the geographic area where the Project is located shall be used. If night work cannot be avoided during this time period, a State furnished Biologist or State designated monitor shall survey the Project site before construction begins each night.
10. All work within BMA1 shall be prohibited after 1/2 inch of rain falls within a 24 hour period as measured by the closest National Weather Service monitored rain gauge.
11. All work within the stream channels of drainage systems 4, 5, 6, 8, 26, 27, 32, 34, 35, 39, 40, 43, 46, 49, 50, 51, 53, 54 and 57 shall only occur between May 1 and October 15.

MEASUREMENT AND PAYMENT

Full compensation for Species Protection is included in the various contract items of work and no additional compensation will be allowed.

BID ITEM LIST
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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	023273	TEMPORARY SHUTTLE VAN SERVICE	LS	LUMP SUM	LUMP SUM	
22	120120	TYPE III BARRICADE	EA	51		
23	120149	TEMPORARY PAVEMENT MARKING (PAINT)	SQFT	770		
24	120165	CHANNELIZER (SURFACE MOUNTED)	EA	790		
25	120199	TRAFFIC PLASTIC DRUM	EA	120		
26	120300	TEMPORARY PAVEMENT MARKER	EA	1,450		
27	121161	TEMPORARY TERMINAL SECTION (TYPE K)	EA	1		
28	128650	PORTABLE CHANGEABLE MESSAGE SIGN	LS	LUMP SUM	LUMP SUM	
29	129000	TEMPORARY RAILING (TYPE K)	LF	37,000		
30	129100	TEMPORARY CRASH CUSHION MODULE	EA	460		
31	129150	TEMPORARY TRAFFIC SCREEN	LF	16,300		
32	141103	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	LF	16,300		
33	150204	ABANDON CULVERT (LF)	LF	560		
34	150230	DESTROY WELL	LS	LUMP SUM	LUMP SUM	
35	150605	REMOVE FENCE	LF	22,000		
36	150620	REMOVE GATE	EA	7		
37	150662	REMOVE METAL BEAM GUARD RAILING	LF	1,100		
38	150668	REMOVE FLARED END SECTION	EA	6		
39	150711	REMOVE PAINTED TRAFFIC STRIPE	LF	60,300		
40	150714	REMOVE THERMOPLASTIC TRAFFIC STRIPE	LF	18,500		

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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	150715	REMOVE THERMOPLASTIC PAVEMENT MARKING	SQFT	1,840		
42	150722	REMOVE PAVEMENT MARKER	EA	2,910		
43	150742	REMOVE ROADSIDE SIGN	EA	34		
44	150771	REMOVE ASPHALT CONCRETE DIKE	LF	1,070		
45	150772	REMOVE CURB	LF	3,960		
46	150809	REMOVE CULVERT (LF)	LF	1,070		
47	150814	REMOVE DOWNDRAIN (EA)	EA	5		
48	150820	REMOVE INLET	EA	12		
49	150834	REMOVE RETAINING WALL (WOOD)	LF	95		
50	151568	RECONSTRUCT THRIE BEAM BARRIER	LF	570		
51	151572	RECONSTRUCT METAL BEAM GUARD RAILING	LF	240		
52	023274	RELOCATE MISSION BELL MARKER	EA	1		
53	152255	RESET MAILBOX	EA	15		
54	152381	RELOCATE GATE	EA	1		
55	152390	RELOCATE ROADSIDE SIGN	EA	5		
56	152430	ADJUST INLET	LF	51		
57	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	38,400		
58	153121	REMOVE CONCRETE (CY)	CY	450		
59	153221	REMOVE CONCRETE BARRIER	LF	2,990		
60	156585	REMOVE CRASH CUSHION	EA	4		

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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61	160102	CLEARING AND GRUBBING (LS)	LS	LUMP SUM	LUMP SUM	
62	170101	DEVELOP WATER SUPPLY	LS	LUMP SUM	LUMP SUM	
63	190101	ROADWAY EXCAVATION	CY	829,000		
64	190107	ROADWAY EXCAVATION (TYPE Y-1) (AERIALY DEPOSITED LEAD)	CY	4,190		
65	190110	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
66	190111	ADL BURIAL LOCATION REPORT	LS	LUMP SUM	LUMP SUM	
67	190185	SHOULDER BACKING	TON	6		
68 (F)	192003	STRUCTURE EXCAVATION (BRIDGE)	CY	1,035		
69	192020	STRUCTURE EXCAVATION (TYPE D)	CY	21,700		
70 (F)	192037	STRUCTURE EXCAVATION (RETAINING WALL)	CY	385		
71 (F)	192055	STRUCTURE EXCAVATION (SOIL NAIL WALL)	CY	6,090		
72 (F)	193003	STRUCTURE BACKFILL (BRIDGE)	CY	1,300		
73	193004	STRUCTURE BACKFILL (CULVERT)	CY	6,790		
74 (F)	193013	STRUCTURE BACKFILL (RETAINING WALL)	CY	345		
75 (F)	193028	STRUCTURE BACKFILL (SOIL NAIL WALL)	CY	390		
76	193114	SAND BACKFILL	CY	66		
77	198209	SUBGRADE ENHANCEMENT GEOTEXTILE CLASS B2	SQYD	62,200		
78	198210	SUBGRADE ENHANCEMENT GEOTEXTILE CLASS B3	SQYD	11,100		
79	200001	HIGHWAY PLANTING	LS	LUMP SUM	LUMP SUM	
80	023275	EROSION CONTROL (NATIVE GRASS SOD)	SQFT	29,500		

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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
81	202007	DUFF	ACRE	8.6		
82	023276	CHIPPED MATERIAL	CY	450		
83	203002	EROSION CONTROL (COMPOST BLANKET)	CY	13,600		
84	203021	FIBER ROLLS	LF	35,400		
85	203023	COMPOST SOCK	LF	111,000		
86	203026	MOVE-IN/MOVE-OUT (EROSION CONTROL)	EA	6		
87	203032	EROSION CONTROL (HYDROSEED) (ACRE)	ACRE	54		
88	203034	ROLLED EROSION CONTROL PRODUCT (NETTING)	ACRE	37		
89	023277	WILLOW CUTTINGS (PLANT GROUP WC)	EA	870		
90	023278	WILLOW POLES (PLANT GROUP WP)	EA	80		
91	023279	BRUSH LAYERING	LF	1,100		
92	204054	WILDFLOWER SEEDING (ACRE)	ACRE	0.5		
93	204099	PLANT ESTABLISHMENT WORK	LS	LUMP SUM	LUMP SUM	
94	208000	IRRIGATION SYSTEM	LS	LUMP SUM	LUMP SUM	
95 (F)	208028	3" SUPPLY LINE (BRIDGE)	LF	470		
96	208310	IRRIGATION SLEEVE	LF	320		
97	208739	10" CORRUGATED HIGH DENSITY POLYETHYLENE PIPE CONDUIT	LF	1,070		
98	208808	8" WELDED STEEL PIPE CONDUIT (.250" THICK)	LF	64		
99	260203	CLASS 2 AGGREGATE BASE (CY)	CY	60,800		
100	390131	HOT MIX ASPHALT	TON	92,400		

BID ITEM LIST

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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
101	394050	RUMBLE STRIP	STA	230		
102	394060	DATA CORE	LS	LUMP SUM	LUMP SUM	
103	394073	PLACE HOT MIX ASPHALT DIKE (TYPE A)	LF	3,150		
104	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	380		
105	394075	PLACE HOT MIX ASPHALT DIKE (TYPE D)	LF	4,480		
106	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	7,840		
107	394077	PLACE HOT MIX ASPHALT DIKE (TYPE F)	LF	1,170		
108	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	SQYD	1,770		
109	397005	TACK COAT	TON	97		
110	460300	SOIL NAIL	LF	136,100		
111	490742	FURNISH PILING (CLASS 90) (ALTERNATIVE W)	LF	3,220		
112	490743	DRIVE PILE (CLASS 90) (ALTERNATIVE W)	EA	61		
113	490782	FURNISH PILING (CLASS 200) (ALTERNATIVE W)	LF	6,260		
114	490783	DRIVE PILE (CLASS 200) (ALTERNATIVE W)	EA	117		
115	500001	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	LUMP SUM	LUMP SUM	
116 (F)	510050	STRUCTURAL CONCRETE	CY	4,405		
117 (F)	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	245		
118 (F)	510053	STRUCTURAL CONCRETE, BRIDGE	CY	2,700		
119 (F)	510060	STRUCTURAL CONCRETE, RETAINING WALL	CY	2,780		
120 (F)	510085	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE EQ)	CY	46		

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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
121 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	CY	325		
122	510526	MINOR CONCRETE (BACKFILL)	CY	500		
123 (F)	511037	ARCHITECTURAL TEXTURE (DRystack STONE)	SQFT	89,455		
124	519092	JOINT SEAL ASSEMBLY (MR 2 1/2")	LF	150		
125 (F)	520101	BAR REINFORCING STEEL	LB	917,000		
126 (F)	520102	BAR REINFORCING STEEL (BRIDGE)	LB	613,000		
127 (F)	520103	BAR REINFORCING STEEL (RETAINING WALL)	LB	539,000		
128 (F)	530100	SHOTCRETE	CY	930		
129	023280	REMOVABLE BOLLARD	EA	4		
130 (F)	560218	FURNISH SIGN STRUCTURE (TRUSS)	LB	38,200		
131 (F)	560219	INSTALL SIGN STRUCTURE (TRUSS)	LB	38,200		
132	560244	FURNISH LAMINATED PANEL SIGN (1"-TYPE A)	SQFT	260		
133	560245	FURNISH LAMINATED PANEL SIGN (1"-TYPE B)	SQFT	420		
134	560246	FURNISH LAMINATED PANEL SIGN (2 1/2"-TYPE B)	SQFT	270		
135	560248	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED)	SQFT	1,480		
136	560249	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED)	SQFT	500		
137	560251	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-FRAMED)	SQFT	320		
138	560252	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-FRAMED)	SQFT	280		
139	561016	60" CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	LF	52		
140	566011	ROADSIDE SIGN - ONE POST	EA	200		

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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
141	566012	ROADSIDE SIGN - TWO POST	EA	13		
142	568023	INSTALL ROADSIDE SIGN (LAMINATED WOOD BOX POST)	EA	5		
143	597600	PREPARE AND PAINT CONCRETE	SQFT	90,830		
144	620140	24" ALTERNATIVE PIPE CULVERT	LF	5,140		
145	620220	36" ALTERNATIVE PIPE CULVERT	LF	200		
146	650018	24" REINFORCED CONCRETE PIPE	LF	5,040		
147	650026	36" REINFORCED CONCRETE PIPE	LF	1,250		
148	650034	48" REINFORCED CONCRETE PIPE	LF	660		
149	650516	24" REINFORCED CONCRETE PIPE (CLASS V)	LF	2,550		
150	650524	36" REINFORCED CONCRETE PIPE (CLASS V)	LF	120		
151	023281	48" REINFORCED CONCRETE PIPE (CLASS V)	LF	340		
152	650540	60" REINFORCED CONCRETE PIPE (CLASS V)	LF	460		
153	665017	18" CORRUGATED STEEL PIPE (.079" THICK)	LF	8		
154	682022	CLASS 1 PERMEABLE MATERIAL (BLANKET)	CY	2,170		
155	690125	24" CORRUGATED STEEL PIPE DOWNDRAIN (.138" THICK)	LF	80		
156	692009	24" ENTRANCE TAPER	EA	2		
157	692209	24" DOWNDRAIN SLIP JOINT	EA	2		
158	692309	24" ANCHOR ASSEMBLY	EA	2		
159	700617	DRAINAGE INLET MARKER	EA	22		
160	700637	36" CORRUGATED STEEL PIPE INLET (.064" THICK)	LF	68		

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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
161	703233	GRATED LINE DRAIN	LF	360		
162	703460	24" WELDED STEEL PIPE CASING (BRIDGE)	LF	122		
163	043785	10" WELDED STEEL PIPE CASING (BRIDGE)	LF	145		
164	705315	24" ALTERNATIVE FLARED END SECTION	EA	52		
165	705321	36" ALTERNATIVE FLARED END SECTION	EA	9		
166	705325	48" ALTERNATIVE FLARED END SECTION	EA	10		
167	705329	60" ALTERNATIVE FLARED END SECTION	EA	1		
168	719305	MANHOLE (TYPE A)	EA	1		
169	023282	JACKED PRECAST 10'X9' CONCRETE BOX CULVERT	LF	110		
170	023283	JACKED 108" REINFORCED CONCRETE PIPE	LF	190		
171	023284	CLEAN WASHED GRAVEL	TON	3,660		
172	721013	ROCK SLOPE PROTECTION (1/4 T, METHOD B) (CY)	CY	2,280		
173	721017	ROCK SLOPE PROTECTION (FACING, METHOD B) (CY)	CY	1,240		
174	721028	ROCK SLOPE PROTECTION (NO. 2, METHOD B) (CY)	CY	1,140		
175 (F)	721813	SLOPE PAVING (EXPOSED AGGREGATE)	CY	50		
176	729012	ROCK SLOPE PROTECTION FABRIC (CLASS 10)	SQYD	5,580		
177 (F)	730040	MINOR CONCRETE (GUTTER) (LF)	LF	4,161		
178	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	CY	360		
179	731508	MINOR CONCRETE (EXPOSED AGGREGATE CONCRETE)	SQFT	11,000		
180 (F)	750001	MISCELLANEOUS IRON AND STEEL	LB	45,561		

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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
201	802620	16' CHAIN LINK GATE (TYPE CL-6)	EA	12		
202	810111	SURVEY MONUMENT (TYPE A)	EA	14		
203	820107	DELINEATOR (CLASS 1)	EA	370		
204	820110	MILEPOST MARKER	EA	4		
205	820130	OBJECT MARKER	EA	8		
206	832002	METAL BEAM GUARD RAILING (STEEL POST)	LF	6,680		
207	832070	VEGETATION CONTROL (MINOR CONCRETE)	SQYD	3,280		
208 (F)	043786	CHAIN LINK RAILING (TYPE 7) (BLACK VINYL-COATED)	LF	440		
209 (F)	043787	TUBULAR BICYCLE RAILING	LF	375		
210 (F)	833142	CONCRETE BARRIER (TYPE 26 MODIFIED)	LF	513		
211	839521	CABLE RAILING	LF	730		
212 (F)	839527	CABLE RAILING (MODIFIED)	LF	4,319		
213	839540	TRANSITION RAILING (TYPE STB)	EA	1		
214	839541	TRANSITION RAILING (TYPE WB)	EA	3		
215	839561	RAIL TENSIONING ASSEMBLY	EA	2		
216	839581	END ANCHOR ASSEMBLY (TYPE SFT)	EA	10		
217	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	16		
218	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	9		
219	839703	CONCRETE BARRIER (TYPE 60C)	LF	4,920		
220 (F)	839717	CONCRETE BARRIER (TYPE 732 MODIFIED)	LF	397		