

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

1727 30th Street MS-43

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*Flex your power!
Be energy efficient!*

August 23, 2012

06-Fre,Mad-99-26.7/R31.6, R0.0/R1.6

06-442624

Project ID 0600000972

Addendum No. 2

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN FRESNO AND MADERA COUNTIES IN AND NEAR FRESNO FROM 0.2 MILES NORTH OF ASHLAN AVENUE OVERCROSSING TO 0.6 MILE NORTH OF AVENUE 7 OVERCROSSING.

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, September 7, 2012.

This addendum is being issued to revise the Project Plans, the Notice to Bidders and Special Provisions, the Bid book, and provide additional Supplemental Project Information.

Project Plan Sheets 2, 3, 5, 6, 8, 41, 42, 52, 53, 58, 60, 61, 66, 76, 77, 78, 81, 82, 98, 99, 101, 102, 129, 130, 132, 136, 138, 139, 140, 141, 157, 158, 159, 183, 187, 188, and 191 are revised. Copies of the revised sheets are attached for substitution for the like-numbered sheets.

Project Plan Sheets 58A, 58B, 141A, 141B, 141C, 141D, 141E, and 157A are added. Copies of the added sheets are attached for addition to the project plans.

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, Bidders' 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."

In the Special Provisions, Section 5-1.11, "SUPPLEMENTAL PROJECT INFORMATION," is revised as attached

In the Special Provisions, Section 5-1.12, "SPECIES PROTECTION," subsection "CONSTRUCTION," sub-subsection "Protection Measures," item 2 is revised as follows:

"2. To avoid impact to breeding salmon, all work within the in-stream of the San Joaquin River would be prohibited between September 1-January 31 and April 1-May 31."

In the Special Provisions, Section 10-1.055, "TEMPORARY DRAINAGE INLET," is added as attached.

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In the Special Provisions, Section 10-1.14, "COOPERATION," is revised as attached

In the Special Provisions, Section 10-1.20, "MAINTAINING TRAFFIC," Chart Nos. 1 and 2 are revised as attached.

In the Special Provisions, Section 10-2.01, "GENERAL," subsection "COST BREAK-DOWN," in the "Highway Planting Cost Break-Down," the item for "Prune Existing Plants" is deleted.

In the Special Provisions, Section 10-2.02, "EXISTING HIGHWAY PLANTING," subsection "PRUNE EXISTING PLANTS," the following paragraph is added after the third paragraph:

"The contract lump sum price paid for prune existing plants, except as otherwise provided, shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in pruning existing plants, complete in place, including removing and disposing of pruned materials, or chipping and spreading of chipped materials, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer."

In the Bid book, in the "Bid Item List," Items 2, 13, 14, 20, 23, 42, 68, 69, 80, 81, 82, 83, 84, 98, 102, 128, 129, 131, and 136 are revised, Items 187, 188, 189, and 190 are added and Items 70 and 186 are deleted as attached.

To Bid book holders:

Replace the entire "Bid Item List" in the Bid book with the attached revised Bid Item List. The revised Bid Item List is to be used in the bid.

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/oe/project_ads_addenda/06/06-442624

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

5-1.11 SUPPLEMENTAL PROJECT INFORMATION

The Department makes the following supplemental project information available:

Supplemental Project Information

Means	Description
Included in the Information Handout	1. Foundation Report for San Joaquin River Bridge (Replacement) Dated July 20, 2011 2. Final Hydraulic Report for San Joaquin River Bridge (Replacement) (Br. No. 41-0090) Dated Aug 30, 2011 3. 401 California Regional Water Quality Control Board, 4. 404 United States Army Corps of Engineers, 5. 1602 Department of Fish and Game, 6. USFWS Biological Opinion, 7. Central Valley Flood Protection Board
Available as specified in the Standard Specifications	Cross sections Detour Cross sections Bridge as-built drawings

10-1.055 TEMPORARY DRAINAGE INLETS

Temporary drainage inlets shall be constructed, installed, maintained, and later removed as shown on the plans, as specified in these special provisions and as directed by the Engineer.

The size and type of temporary drainage inlet to be installed at each location shall be at the option of the Contractor; however, the drainage inlet shall be capable of sustaining the intended load and of discharging a quantity of water equivalent to the type and size of drainage inlet shown on the plans. Adequacy as to equivalent strength and capacity shall be subject to approval, in writing, by the Engineer.

Used materials may be installed provided the used materials are good, sound and are suitable for the purpose intended, as determined by the Engineer.

Excavation and backfill for temporary drainage inlets shall be performed in a manner that will provide adequate support for the drainage inlet with a firm, non-settling foundation for the roadbeds to be constructed over the drainage inlets.

Temporary drainage inlets that are damaged from any cause during the progress of the work shall be repaired or replaced by the Contractor at the Contractor's expense.

When no longer required for the work as determined by the Engineer, temporary drainage inlets shall be removed. Removed facilities shall become the property of the Contractor and shall be removed from the site of the work, except as otherwise provided in this section.

Removed temporary drainage inlets that are not damaged may be installed in the permanent work provided the drainage inlets conform to the requirements specified for the permanent work and the drainage inlets are new when installed as temporary drainage inlets.

Pits caused by the removal of temporary drainage inlets shall be backfilled in conformance with the provisions in the second paragraph of Section 15-1.02, "Preservation of Property," of the Standard Specifications.

The contract unit price paid for temporary drainage inlet shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in temporary drainage inlet, complete in place, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

Full compensation for maintaining, removing and disposing of temporary drainage inlets shall be considered as included in the contract prices paid per unit for temporary drainage inlets and no additional compensation will be allowed therefor.

10-1.14 COOPERATION

It is anticipated that work by another contractor may be in progress adjacent to or within the limits of this project during progress of the work on this contract. The following table lists contracts anticipated to be in progress during this contract.

Contract No.	Co-Rte-PM	Location	Type of Work
06-471004	Mad-99-R6.9/R8.2	In Madera County near Madera from 0.6 mile south of Avenue 12 Overcrossing to 0.7 mile north of Avenue 12 Overcrossing	Reconstruct Interchange
06-0L0304	Fre-99-30.1/30.9	In Fresno County near the City of Fresno from 0.4 mile south of Grantland Avenue Undercrossing to 0.3 mile north of Grantland Avenue Undercrossing	Ramp & Local Road Improvement

Comply with Section 7-1.14, "Cooperation," of the Standard Specifications.

**Chart No. 1
Freeway/Expressway Lane Requirements**

County: Fre, Mad	Route/Direction: 99/NB/SB										PM: 26.7/R31.6, R0.0/R1.6														
Closure Limits: From 0.2 Mile North of Ashlan Avenue OC 42-140 to 0.6 Mile North of Avenue 7 OC 41-64																									
FROM HOUR TO HOUR	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mondays through Thursdays	1	1	1	1	1						S	S	S	S	S	S	S				1	1	1	1	1
Fridays	1	1	1	1	1						S	S	S	S	S	S	S								
Saturdays																									
Sundays																							1	1	1

Legend:

- 1 Provide at least one through freeway lane open in direction of travel
- S Shoulder closure permitted (right / left)
- Work permitted within project right of way where shoulder or lane closure is not required.

REMARKS:

1. The full width of the traveled way shall be open for use by public traffic when construction operations are not actively in progress.
2. The maximum length of a single stationary lane closure should be less than 2 miles.

**Chart No. 2
Complete Ramp Closure Hours/Ramp Lane Requirements**

County: Fre, Mad	Route/Direction: 99 / NB-SB	PM: 26.7/R31.6, R0.0/R1.6																							
Closure Limits: SB Off-ramp to Ashlan Avenue PM 26.7 NB On-ramp from WB Ashland Avenue PM 26.7 SB On-ramp from Shaw Avenue PM 27.9 SB Off-ramp to Shaw Avenue PM 28.1 NB Off-ramp to Shaw Avenue PM 28.2 NB On-ramp from Shaw Avenue PM 28.3 NB Off-ramp to Herndon/Grantland Avenue PM 30.2 SB On-ramp from Herndon/Grantland Avenue PM 30.2 SB Off-ramp to Herndon/Grantland PM 30.7 NB On-ramp from Motel Drive/Herndon PM 31.2 SB Off-ramp to Motel Drive/Herndon PM 31.3 NB Off-ramp to Avenue 7 PM R0.8 SB On-ramp from Avenue 7 PM R1.0 SB Off-ramp to Avenue 7 PM R1.2 NB On-ramp from Avenue 7 PM R1.2																									
FROM HOUR TO HOUR	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mondays through Thursdays	C	C	C	C	C																C	C	C	C	C
Fridays	C	C	C	C	C																				
Saturdays																									
Sundays																							C	C	C

Legend:

C Ramp may be closed completely

Work permitted within project right of way where shoulder or lane closure is not required.

REMARKS:

1. Complete interchange closure shall not be permitted.
2. Public traffic shall be informed at least 7 calendar days before closing the ramp, but not more than 15 days before ramp closure.
3. The full width of the traveled way shall be open for use by public traffic when construction operations are not actively in progress.
4. The maximum length of a single stationary lane closure should be less than 2 miles.

BID ITEM LIST

06-442624

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	070012	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	LUMP SUM	LUMP SUM	
2	071325	TEMPORARY FENCE (TYPE ESA)	LF	14,500		
3	074016	CONSTRUCTION SITE MANAGEMENT	LS	LUMP SUM	LUMP SUM	
4	074019	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	LUMP SUM	LUMP SUM	
5	074028	TEMPORARY FIBER ROLL	LF	6,200		
6	074029	TEMPORARY SILT FENCE	LF	2,900		
7	074033	TEMPORARY CONSTRUCTION ENTRANCE	EA	10		
8	074037	MOVE-IN/MOVE-OUT (TEMPORARY EROSION CONTROL)	EA	8		
9	074038	TEMPORARY DRAINAGE INLET PROTECTION	EA	60		
10	074039	TEMPORARY HYDRAULIC MULCH (POLYMER STABILIZED FIBER MATRIX)	SQYD	24,400		
11	074041	STREET SWEEPING	LS	LUMP SUM	LUMP SUM	
12	074042	TEMPORARY CONCRETE WASHOUT (PORTABLE)	LS	LUMP SUM	LUMP SUM	
13	074056	RAIN EVENT ACTION PLAN	EA	120	500.00	60,000.00
14	074057	STORM WATER ANNUAL REPORT	EA	4	2,000.00	8,000.00
15	074058	STORM WATER SAMPLING AND ANALYSIS DAY	EA	28		
16	090100	TIME-RELATED OVERHEAD (WDAY)	WDAY	590		
17	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
18	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
19	120120	TYPE III BARRICADE	EA	11		
20	120165	CHANNELIZER (SURFACE MOUNTED)	EA	200		

BID ITEM LIST

06-442624

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	128650	PORTABLE CHANGEABLE MESSAGE SIGN	LS	LUMP SUM	LUMP SUM	
22	129000	TEMPORARY RAILING (TYPE K)	LF	51,600		
23	129100	TEMPORARY CRASH CUSHION MODULE	EA	120		
24	141103	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	LF	2,330		
25	150204	ABANDON CULVERT (LF)	LF	870		
26	150605	REMOVE FENCE	LF	4,840		
27	023174	REMOVE DOUBLE THRIE BEAM BARRIER	LF	140		
28	023175	REMOVE SINGLE THRIE BEAM BARRIER	LF	26,000		
29	150662	REMOVE METAL BEAM GUARD RAILING	LF	850		
30	150711	REMOVE PAINTED TRAFFIC STRIPE	LF	107,000		
31	150714	REMOVE THERMOPLASTIC TRAFFIC STRIPE	LF	45,700		
32	150715	REMOVE THERMOPLASTIC PAVEMENT MARKING	SQFT	130		
33	150722	REMOVE PAVEMENT MARKER	EA	7,800		
34	150742	REMOVE ROADSIDE SIGN	EA	9		
35	150771	REMOVE ASPHALT CONCRETE DIKE	LF	11,200		
36	150809	REMOVE CULVERT (LF)	LF	520		
37	150820	REMOVE INLET	EA	5		
38	151224	REMOVE DELINEATOR	EA	5		
39	151572	RECONSTRUCT METAL BEAM GUARD RAILING	LF	480		
40	152320	RESET ROADSIDE SIGN	EA	16		

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06-442624

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	152390	RELOCATE ROADSIDE SIGN	EA	5		
42	152430	ADJUST INLET	EA	18		
43	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	84,800		
44	153221	REMOVE CONCRETE BARRIER	LF	100		
45	157550	BRIDGE REMOVAL	LS	LUMP SUM	LUMP SUM	
46	160102	CLEARING AND GRUBBING (LS)	LS	LUMP SUM	LUMP SUM	
47	190101	ROADWAY EXCAVATION	CY	49,300		
48	190110	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
49	190185	SHOULDER BACKING	TON	600		
50 (F)	192003	STRUCTURE EXCAVATION (BRIDGE)	CY	1,492		
51 (F)	193003	STRUCTURE BACKFILL (BRIDGE)	CY	676		
52	193114	SAND BACKFILL	CY	150		
53	193118	CONCRETE BACKFILL	CY	360		
54	194001	DITCH EXCAVATION	CY	3,140		
55	200001	HIGHWAY PLANTING	LS	LUMP SUM	LUMP SUM	
56	203002	EROSION CONTROL (COMPOST BLANKET)	CY	970		
57	203006	EROSION CONTROL (DRY SEED) (SQFT)	SQFT	15,100		
58	203034	ROLLED EROSION CONTROL PRODUCT (NETTING)	SQFT	15,100		
59	204017	PLANT (GROUP W)	EA	99		
60	204096	MAINTAIN EXISTING PLANTED AREAS	LS	LUMP SUM	LUMP SUM	

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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61	204099	PLANT ESTABLISHMENT WORK	LS	LUMP SUM	LUMP SUM	
62	206401	MAINTAIN EXISTING IRRIGATION FACILITIES	LS	LUMP SUM	LUMP SUM	
63	208000	IRRIGATION SYSTEM	LS	LUMP SUM	LUMP SUM	
64	208304	WATER METER	EA	2		
65	208808	8" WELDED STEEL PIPE CONDUIT (.250" THICK)	LF	310		
66	208812	12" WELDED STEEL PIPE CONDUIT (.250" THICK)	LF	130		
67	209502	BOOSTER PUMP	EA	2		
68	260203	CLASS 2 AGGREGATE BASE (CY)	CY	21,500		
69	390131	HOT MIX ASPHALT	TON	74,700		
70	BLANK					
71	394050	RUMBLE STRIP	STA	270		
72	394060	DATA CORE	LS	LUMP SUM	LUMP SUM	
73	394073	PLACE HOT MIX ASPHALT DIKE (TYPE A)	LF	1,550		
74	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	360		
75	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	8,360		
76	394077	PLACE HOT MIX ASPHALT DIKE (TYPE F)	LF	750		
77	023176	PLACE HMA DIKE (TYPE MOD)	LF	300		
78	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	SQYD	4,160		
79	397005	TACK COAT	TON	33		
80	400050	CONTINUOUSLY REINFORCED CONCRETE PAVEMENT	CY	2,970		

BID ITEM LIST

06-442624

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
81	400061	CONTINUOUSLY REINFORCED CONCRETE PAVEMENT (TERMINAL JOINT, TYPE A)	LF	19		
82	400065	CONTINUOUSLY REINFORCED CONCRETE PAVEMENT (TERMINAL JOINT, TYPE E)	LF	89		
83	400090	CONTINUOUSLY REINFORCED CONCRETE PAVEMENT (EXPANSION JOINT, TYPE AN)	LF	89		
84	404092	SEAL PAVEMENT JOINT	LF	10,100		
85	406050	DOWEL BAR (DRILL AND BOND)	LF	360		
86	411105	INDIVIDUAL SLAB REPLACEMENT (RSC)	CY	1,920		
87	043765	FURNISH 74.5" CAST-IN-STEEL-SHELL CONCRETE PILING (1.25" THICK)	LF	4,495		
88	043766	DRIVE 74.5" CAST-IN-STEEL-SHELL CONCRETE PILE (1.25" THICK)	EA	25		
89	043767	FURNISH 48" CAST-IN-STEEL-SHELL CONCRETE PILING (1" THICK)	LF	536		
90	043768	DRIVE 48" CAST-IN-STEEL-SHELL CONCRETE PILE (1" THICK)	EA	4		
91	490746	FURNISH PILING (CLASS 140) (ALTERNATIVE W)	LF	7,614		
92	490747	DRIVE PILE (CLASS 140) (ALTERNATIVE W)	EA	95		
93	500001	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	LUMP SUM	LUMP SUM	
94 (F)	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	268		
95 (F)	510053	STRUCTURAL CONCRETE, BRIDGE	CY	11,764		
96	510060	STRUCTURAL CONCRETE, RETAINING WALL	CY	410		
97 (F)	510086	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	353		
98 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	CY	122		
99 (F)	511055	CONCRETE SURFACE TEXTURE	SQFT	5,774		
100	515020	REFINISH BRIDGE DECK	SQFT	3,315		

BID ITEM LIST

06-442624

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
101	518051	PTFE SPHERICAL BEARING	EA	18		
102	519091	JOINT SEAL (MR 1 1/2")	LF	89		
103	519105	JOINT SEAL ASSEMBLY (MR 7")	LF	139		
104	519114	JOINT SEAL ASSEMBLY (MR 8")	LF	139		
105 (F)	520102	BAR REINFORCING STEEL (BRIDGE)	LB	2,620,611		
106	520103	BAR REINFORCING STEEL (RETAINING WALL)	LB	33,500		
107	560218	FURNISH SIGN STRUCTURE (TRUSS)	LB	90,000		
108	560219	INSTALL SIGN STRUCTURE (TRUSS)	LB	90,000		
109	560244	FURNISH LAMINATED PANEL SIGN (1"-TYPE A)	SQFT	930		
110	560249	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED)	SQFT	32		
111	560252	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-FRAMED)	SQFT	75		
112	561014	54" CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	LF	18		
113	561016	60" CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	LF	120		
114	562004	METAL (RAIL MOUNTED SIGN)	LB	240		
115	566012	ROADSIDE SIGN - TWO POST	EA	2		
116	043769	CLEAN AND THERMAL SPRAY COAT STEEL PILING	LS	LUMP SUM	LUMP SUM	
117	597601	PREPARE AND STAIN CONCRETE	SQFT	165,000		
118	650014	18" REINFORCED CONCRETE PIPE	LF	580		
119	650018	24" REINFORCED CONCRETE PIPE	LF	700		
120	650026	36" REINFORCED CONCRETE PIPE	LF	5,080		

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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
121	665005	8" CORRUGATED STEEL PIPE (.064" THICK)	LF	73		
122	665022	24" CORRUGATED STEEL PIPE (.064" THICK)	LF	8		
123	043770	10" WELDED STEEL PIPE CASING (BRIDGE)	LF	80		
124	703460	24" WELDED STEEL PIPE CASING (BRIDGE)	LF	80		
125	705015	24" STEEL FLARED END SECTION	EA	1		
126	705206	24" CONCRETE FLARED END SECTION	EA	2		
127	705210	36" CONCRETE FLARED END SECTION	EA	2		
128	721028	ROCK SLOPE PROTECTION (NO. 2, METHOD B) (CY)	CY	910		
129	729011	ROCK SLOPE PROTECTION FABRIC (CLASS 8)	SQYD	1,770		
130	730020	MINOR CONCRETE (CURB) (CY)	CY	32		
131 (F)	750001	MISCELLANEOUS IRON AND STEEL	LB	17,604		
132 (F)	750505	BRIDGE DECK DRAINAGE SYSTEM	LB	29,297		
133	043771	WELL INVESTIGATION	LF	210		
134	043772	WATER WELL CONSTRUCTION	LF	210		
135	043773	WELL VIDEO	LF	210		
136	043774	WATER QUALITY TESTING	LS	LUMP SUM	LUMP SUM	
137	760011	WELL DEVELOPMENT	LS	LUMP SUM	LUMP SUM	
138	760012	TESTING WELL	LS	LUMP SUM	LUMP SUM	
139	760035	WELL SCREEN	LF	30		
140	043775	WATER WELL EQUIPMENT	LS	LUMP SUM	LUMP SUM	

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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
141	043776	PIPES, FITTINGS, VALVES, AND APPURTENANCES	LS	LUMP SUM	LUMP SUM	
142	800360	CHAIN LINK FENCE (TYPE CL-6)	LF	3,810		
143	802540	8' CHAIN LINK GATE (TYPE CL-6)	EA	10		
144	820107	DELINEATOR (CLASS 1)	EA	55		
145	832002	METAL BEAM GUARD RAILING (STEEL POST)	LF	530		
146	023177	METAL BEAM GUARD RAILING (7"STEEL POST)	LF	140		
147	839301	SINGLE THRIE BEAM BARRIER	LF	250		
148	839540	TRANSITION RAILING (TYPE STB)	EA	1		
149	839541	TRANSITION RAILING (TYPE WB)	EA	4		
150	839578	END CAP (TYPE TC)	EA	1		
151	839581	END ANCHOR ASSEMBLY (TYPE SFT)	EA	5		
152	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	1		
153	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	4		
154	839703	CONCRETE BARRIER (TYPE 60C)	LF	8,420		
155	839704	CONCRETE BARRIER (TYPE 60D)	LF	750		
156	023178	CONCRETE BARRIER (TYPE 60GA MODIFIED)	LF	750		
157	839706	CONCRETE BARRIER (TYPE 60G)	LF	1,420		
158 (F)	839707	CONCRETE BARRIER (TYPE 60GA)	LF	937		
159	839708	CONCRETE BARRIER (TYPE 60GC)	LF	6,410		
160 (F)	839717	CONCRETE BARRIER (TYPE 732 MODIFIED)	LF	1,850		

BID ITEM LIST

06-442624

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
161	023179	CONCRETE BARRIER (TYPE 60V)	LF	25		
162	023180	CONCRETE BARRIER (TYPE 60GE MODIFIED)	LF	320		
163	840504	4" THERMOPLASTIC TRAFFIC STRIPE	LF	38,500		
164	840505	6" THERMOPLASTIC TRAFFIC STRIPE	LF	31,100		
165	840506	8" THERMOPLASTIC TRAFFIC STRIPE	LF	3,200		
166	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	950		
167	840525	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 36-12)	LF	51,900		
168	840526	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 17-7)	LF	930		
169	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	119,000		
170	850101	PAVEMENT MARKER (NON-REFLECTIVE)	EA	4,800		
171	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	4,460		
172	860090	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LS	LUMP SUM	LUMP SUM	
173	023181	MODIFY HIGHWAY ADVISORY RADIO SYSTEM	LS	LUMP SUM	LUMP SUM	
174	023182	RETROFIT CHANGEABLE MESSAGE SIGN SYSTEM	LS	LUMP SUM	LUMP SUM	
175	860797	ELECTRIC SERVICE (IRRIGATION)	LS	LUMP SUM	LUMP SUM	
176	023183	WELL PUMP CONTROL PANEL	LS	LUMP SUM	LUMP SUM	
177	023184	REMOVE MICROWAVE VEHICLE DETECTION SYSTEM	LS	LUMP SUM	LUMP SUM	
178	023185	MODIFY TRAFFIC MONITORING STATION (LOCATION 1)	LS	LUMP SUM	LUMP SUM	
179	023186	MODIFY TRAFFIC MONITORING STATION (LOCATION 2)	LS	LUMP SUM	LUMP SUM	
180	023187	MODIFY VEHICLE CLASSIFICATION STATION	LS	LUMP SUM	LUMP SUM	

BID ITEM LIST

06-442624

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
181	023188	MODIFY TRAFFIC COUNT STATION	LS	LUMP SUM	LUMP SUM	
182	860990	CLOSED CIRCUIT TELEVISION SYSTEM	LS	LUMP SUM	LUMP SUM	
183	023189	MODIFY ROADSIDE WEATHER INFORMATION SYSTEM	LS	LUMP SUM	LUMP SUM	
184	861504	MODIFY LIGHTING AND SIGN ILLUMINATION	LS	LUMP SUM	LUMP SUM	
185	023190	FIBER OPTIC SYSTEM	LS	LUMP SUM	LUMP SUM	
186	BLANK					
187	073006	18" TEMPORARY CULVERT	LF	490		
188	024668	18" TEMPORARY DRAINAGE INLET	EA	14		
189	200052	PRUNE EXISTING PLANTS	LS	LUMP SUM	LUMP SUM	
190	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID:

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