

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

1727 30<sup>th</sup> Street MS-43

P.O. BOX 168041

SACRAMENTO, CA 95816-8041

FAX (916) 227-6214

www.dot.ca.gov/hq/esc/oe



*Serious Drought.  
Help save water!*

October 9, 2015

04-Mrn,Son-101-26.8/27.6, 0.0/2.0

04-264094

Project ID 0400000735

ACNHP-Q101(261) N

HPLU21L-6204(120) N

Addendum No. 7

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN MARIN AND SONOMA COUNTIES NEAR PETALUMA FROM 0.8 MILE SOUTH TO 2.0 MILES NORTH OF THE MARIN-SONOMA COUNTY LINE to revise the project plans, the *Notice to Bidders and Special Provisions*, the *Bid book, Information Handout*, and the Federal Minimum Wages with Modification Number 16 dated September 25, 2015.

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 Tuesday, October 20, 2015.

Project plan sheets 1, 21, 24, 25, 28, 29, 30, 31, 53, 60, 74, 75, 76, 77, 103, 130, 180, 183, 185, 234, 248, 338, 342, 343, 344, 345, 355, 463, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 534, 535, 553 and 559 are replaced and attached for substitution for the like-numbered sheets.

In the Special Provisions, Section 1-1.01 is replaced as attached.

In the Special Provisions, Section 2-1.06B is replaced as attached.

In the Special Provisions, Section 5-1.20A is replaced as attached.

In the Special Provisions, Section 5-1.36D is replaced as attached.

In the Special Provisions, Section 9-1.16C is replaced as attached.

In the Special Provisions, Section 14-1.02A is replaced as attached.

In the Special Provisions, Section 19-6.03D is replaced as attached.

In the Special Provisions, Section 83-2.02E(7) is added as attached.

In the Special Provisions, Section 86-1.01, the second paragraph is replaced as follows:

"Maintaining existing traffic management system elements during construction."

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Page 2  
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04-Mrn,Son-101-26.8/27.6, 0.0/2.0  
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ACNHP-Q101(261) N  
HPLU21L-6204(120) N

The *Information Handout* is replaced as attached.

In the *Bid* book, in the "Bid Item List," Items 8, 33, 37, 49, 59, 64, 132, 133, 135, 136, 137, 139, 140, 169, 170, 171 and 193 are replaced.

In the *Bid* book, in the "Bid Item List," Items 224, 225, 226, 227, 228, 229, 230, 231 and 232 are added.

In the *Bid* book, in the "Bid Item List," Items 34, 40, 58, 134 and 223 are deleted.

To *Bid* book holders:

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*.

Submit the *Bid* book as described in the *Electronic Bidding Guide* at the Bidders' Exchange website.

**[http://www.dot.ca.gov/hq/esc/oe/electronic\\_bidding/electronic\\_bidding.html](http://www.dot.ca.gov/hq/esc/oe/electronic_bidding/electronic_bidding.html)**

Inform subcontractors and suppliers as necessary.

This addendum, EBS addendum file, attachments and the modified wage rates are available for the Contractors' download on the Web site:

**[http://www.dot.ca.gov/hq/esc/oe/project\\_ads\\_addenda/04/04-264094](http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/04/04-264094)**

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,

  
BIJAN SARTIPI  
District Director

Attachments

**Add to section 1-1.01:****Bid Items and Applicable Sections**

Item code	Item description	Applicable section
028279	Temporary Creek Diversion System	13
028280	Temporary Construction Entrance (Construction Staging Pads)	13
028281	Remove Pipe (30" steel NMWD)	15
028282	Remove Concrete Wingwall (CY)	15
028283	Remove Sacked Concrete Slope Protection	15
028284	Settlement and Monitoring	19
028625	Aggregate Piers	19
028286	Imported Biofiltration Soil	21
028287	4" Corrugated High Density Polyethylene Pipe Conduit	20
028288	Place Hot Mix Asphalt Dike (Type C) (Modified)	39
028289	Place Hot Mix Asphalt Dike (Type D) (Modified)	39
028290	Place Hot Mix Asphalt Dike (Type F) (Modified)	39
044800	78" Permanent Steel Casing	49
030203	Furnish Formed Sign Panel (Overhead) for Retroreflective Sheeting (Type XI)	56
030204	Furnish Single Sheet Aluminum Sign (0.063" - Unframed) for Retroreflective Sheeting (Type XI)	56
030205	Furnish Single Sheet Aluminum Sign (0.080" - Unframed) for Retroreflective Sheeting (Type XI)	56
030206	Retroreflective Sheeting (Type XI)	56
044801	Bat Habitat	57
028291	24" Double Caged Reinforced Concrete Pipe	65
028292	24" Perforated Plastic Pipe Underdrain	68
028293	8" Plastic Pipe Underdrain Riser	68
044802	30" Welded Steel Pipe Casing (Bridge)	70
028295	Temporary Access Pad	70
028626	Tubular Bicycle Railing	83
028627	Concrete Barrier (Transition)	83
030202	Alternative Crash Cushion	83

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REPLACED PER ADDENDUM NO. 7 DATED OCTOBER 9, 2015

028297	Type SCI 100GM Crash Cushion	83
044803	Concrete Barrier (Type 736A Modified)	83
028298	6" Thermoplastic Traffic Stripe Yellow (Broken 9-3)	83
028299	4" Thermoplastic Traffic Stripe (Broken 34"-14")	84
028300	Traffic Operations System (Stage Construction)	86
028301	Traffic Operations System (Location 1)	86
028302	Traffic Operations System (Location 2)	86
028303	Traffic Operations System (Location 3)	86
028304	Traffic Operations System (Location 4)	86
028305	Traffic Operations System (Location 5)	86
028306	Traffic Operations System (Location 6)	86
030207	Filter Fabric	88

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**Add to section 2-1.06B:**

The Department makes the following supplemental project information available:

**Supplemental Project Information**

Means	Description
Included in the <i>Information Handout</i>	<ol style="list-style-type: none"> <li>1. Foundation Report for San Antonio Creek Bridge dated September 9, 2013</li> <li>2. Final Hydraulic Report for San Antonio Creek dated February 10, 2011</li> <li>3. Addendum to the Final Hydraulic Report dated March 9, 2011</li> <li>4. Improvement Plans for North Marin Water District North Marin Aqueduct Relocation/Aqueduct energy Efficiency Project - Reaches A, B, C, D/MSN B3</li> <li>5. National Oceanic and Atmospheric Administration/National Marine Fisheries Service Biological Opinion</li> <li>6. United States Fish and Wildlife Service, Biological Opinion</li> <li>7. California Department of Fish and Wildlife, Lake and Streambed Alteration Agreement (1602)</li> <li>8. United States Army Corp of Engineers, Nationwide 404 Permit</li> <li>9. Regional Water Quality Control Board, Water Quality 401 Certification</li> <li>10. Underground Classifications (Tunnels)</li> <li>11. Water Source Information for North Marin Water District</li> <li>12. Site Investigation Report dated March 20, 2012</li> <li>13. Encroachment Permits</li> <li>14. Conceptual Storm Water Pollution Prevention Plan</li> <li>15. Final Geotechnical Design Report Dated September 2013</li> </ol>
Available as specified in the <i>Standard Specifications</i>	<ol style="list-style-type: none"> <li>1. Bridge as-built drawings</li> <li>2. Cross Sections</li> </ol>
Included with the project plans	Logs of Test Borings
Available for inspection at the Transportation Laboratory Telephone no. (916) 227-7287	Rock Cores
Available for inspection at:	

**Add to section 5-1.20A:**

During the progress of the work under this Contract, work under the following contracts may be in progress at or near the job site of this Contract:

**Coincident or Adjacent Contracts**

Contract no.	County–Route–Post Mile	Location	Type of work
04-2640U4	Son-101-PM 0.9/3.6	East and West of US 101, within median	Frontage road grading/paving, remove median/turn-lane pavement
04-264074	Mrn-101-PM 23.2/27.1	West of US 101	Frontage road grading/paving

Kastania Road will be under construction by Contract 04-2640U4 and will not be available for access to job site.

**Add to section 5-1.36D:**

The utility owner will relocate a utility shown in the following table before the corresponding date shown:

**Utility Relocation and Date of the Relocation**

Utility	Location	Date
PG&E 1/2" Gas Line	"A" 6641+00	August 31, 2016

Installation of the utilities shown in the following table requires coordination with your activities. Make the necessary arrangements with the utility company through the Engineer and submit a schedule:

1. Verified by a representative of the utility company
2. Allowing at least the time shown for the utility owner to complete its work

**Utility Relocation and Contractor-Arranged Time for the Relocation**

Utility	Utility address	Location	Days
PG&E Gas District	3600 Adobe Road Petaluma, Ca 94954	"K" 6572+00 to 6574+50 and bore under highway	60 working days

**Utility Coordination**

Utility	Utility address	Location
PG&E Gas District	3600 Adobe Road Petaluma, Ca 94954 Jim Dunlap (707) 577-7257	"FR" 6654+39.77

Comply with the following when installing the drainage spillway within PG&E's gas transmission easement:

1. Contact PG&E at least 45 days before performing any work related to the spillway near the 12-inch gas transmission line.
2. Perform all work within 5 feet of the centerline of the transmission line in the presence of the PG&E Engineer.
3. Fully expose the entire length of the transmission line located within the construction area a minimum of 12 inches below and 12 inches on either side of the line, so that it can be recoated and wrapped with rockguard as shown.
4. Perform excavation by hand when working within 2 feet of the gas transmission line. Do not use mechanical equipment. Compact with hand vibratory tampers.
5. If equipment is to cross the gas transmission line, provide the weight and specifications of the equipment to PG&E before crossing to allow PG&E to determine if there is adequate cover over the pipe.

## **9 PAYMENT**

### **Add to section 9-1.16C:**

The following items are eligible for progress payment even if they are not incorporated into the work:

1. Piling (except CIDH piles)
2. Permanent steel casing
3. Prestressing steel for cast-in place members, sealed packages only, and prestressing ducts and anchorages.
4. Joint seal assemblies
5. Reinforcement
6. Welded steel pipe casing
7. Isolation casing
8. Bridge deck drainage system
9. Pipe (Irrigation Systems)
10. Culvert Pipe
11. Underdrain Pipe
12. Miscellaneous iron and steel
13. Fences and gates
14. Barriers (except concrete barrier)
15. Pavement markers
16. Crash cushions
17. Railings
18. Metal Sign Structures

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## 14 ENVIRONMENTAL STEWARDSHIP

Add to section 14-1.02A:

An ESA exists on this project.

Take the management measures shown in the following table for the corresponding ESA shown. Any access to an ESA other than that shown is prohibited.

**ESA Management**

Identification	Location	To enter, obtain authorization from permitting Management measures
ESA - 1	San Antonio Creek	Install Temporary Fence (Type ESA).  Do not enter between October 16 and June 14 except as authorized, to maintain wildlife exclusionary measures or water pollution control measures.  Notify the Engineer 3 business days before planned entry date. Maintenance of wildlife exclusionary measures (e.g., vegetation pruning) must be conducted with hand-held equipment, unless authorized on a case-by-case basis.  Do not aim lighting directly at the ESA.

Delete paragraph 5 of section 19-6.03D.

Add to section 19-6.03D:

**19-6.03D(1) Settlement Periods**

Settlement periods and surcharges are required for bridge approach embankments as shown in the following table:

<b>Settlement Periods</b>				
Bridge name or number	Abutment number	Bent number	Surcharge height (feet)	Settlement period (days)
San Antonio Creek Bridge	1	N/A	Vary linearly from 5' at Sta "A" 6554+70 to 10' at 6556+70	90
San Antonio Creek Bridge	1	N/A	10' from "A" Sta 6556+70 to 6558+70	90
San Antonio Creek Bridge	5	N/A	5' from Sta "A" 6563+90 to 6565+50	90
San Antonio Creek Bridge	5	N/A	Vary linearly from 5' at Sta "A" 6565+50 to 10' at 6565+55	90
San Antonio Creek Bridge	5	N/A	Vary linearly from 10' at Sta "A" 6565+55 to 5' at 6567+50	90

**19-6.03D(2) Settlement Instrumentation**

**19-6.03D(2)(a) General**

Install settlement platforms to monitor settlements. Monitor the settlement platforms during the Contract.

Leave the settlement platforms in place.

**19-6.03D(2)(b) Settlement Platforms**

The locations of settlement platforms are listed in the following table:

**Location of Settlement Platform**

Instrument Type	Location	Station*	Offset*
Settlement Platform	San Antonio Creek Bridge south approach	"A" 6555+00	40' Lt
	San Antonio Creek Bridge south approach	"A" 6556+50	35' Lt
	San Antonio Creek Bridge south approach	"A" 6558+50	25' Lt
	San Antonio Creek Bridge north approach	"A" 6564+10	0
	San Antonio Creek Bridge north approach	"A" 6565+70	0
	San Antonio Creek Bridge north approach	"A" 6567+30	0

\* Actual location will be determined in the field by the Geotechnical Engineer.

Install settlement platforms under California Test 112.

Monitor and record the amount of settlements once a week during the duration of the work. Furnish a copy of all readings to the Engineer immediately after the readings are taken.

Replace damaged settlement platforms during the progress of work at your expense.

Replace section 83-2.02E(7) with:

**83-2.02E(7) Alternative Crash Cushion**

**83-2.02E(7)(a) General**

**83-2.02E(7)(a)(1) Summary**

Section 83-2.02E(7) includes specifications for furnishing and installing alternative crash cushion as shown.

**83-2.02E(7)(a)(2) Submittals**

Submit 1 copy of the manufacturer's plan and parts list for each model installed.

Submit a certificate of compliance from the manufacturer for the alternative crash cushion.

**83-2.02E(7)(b) Materials**

**83-2.02E(7)(b)(1) General**

Alternative crash cushion must be any one of the following:

1. QUADGUARD II
2. SCI 70GM
3. UNIVERSAL TAU-II

**83-2.02E(7)(b)(2) QUADGUARD II**

QUADGUARD II must be manufactured by Energy Absorption Systems, Inc.

You may obtain QUADGUARD II from:

Energy Absorption Systems, Inc.  
1279 Emerald Sea Way  
San Marcos, CA 92078  
Telephone (760) 518-9929

**83-2.02E(7)(b)(3) SCI 70GM**

SCI 70GM must be manufactured by Work Area Protection Corporation

Work Area Protection Corporation  
2500 Production Drive  
St. Charles, IL 60174  
Telephone (630) 377-9100

**83-2.02E(7)(b)(4) UNIVERSAL TAU-II**

Universal TAU-II must be manufactured by Barrier Systems.

You may obtain Universal TAU-II from:

Barrier Systems  
180 River Road  
Rio Vista, CA 94571  
Telephone (888) 800-3691

**83-2.02E(7)(b) Construction**

Install alternative crash cushion under manufacturer's recommendations.

Dispose of surplus excavated material remaining after the alternative crash cushion has been installed.

**83-2.02E(7)(d) Payment**

The Engineer measures alternative crash cushion by the unit from actual count used in the work.

**BID ITEM LIST**  
**04-264094**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	070030	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
2	080050	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	LUMP SUM	LUMP SUM	
3	090105	TIME-RELATED OVERHEAD (LS)	LS	LUMP SUM	LUMP SUM	
4	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
5	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
6	120120	TYPE III BARRICADE	EA	13		
7	120149	TEMPORARY PAVEMENT MARKING (PAINT)	SQFT	210		
8	120159	TEMPORARY TRAFFIC STRIPE (PAINT)	LF	125,000		
9	120165	CHANNELIZER (SURFACE MOUNTED)	EA	190		
10	120300	TEMPORARY PAVEMENT MARKER	EA	6,710		
11	128651	PORTABLE CHANGEABLE MESSAGE SIGN (EA)	EA	16		
12	129000	TEMPORARY RAILING (TYPE K)	LF	83,100		
13	129100	TEMPORARY CRASH CUSHION MODULE	EA	270		
14	129150	TEMPORARY TRAFFIC SCREEN	LF	63,800		
15	130100	JOB SITE MANAGEMENT	LS	LUMP SUM	LUMP SUM	
16	028279	TEMPORARY CREEK DIVERSION SYSTEM	LS	LUMP SUM	LUMP SUM	
17	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	LUMP SUM	LUMP SUM	
18	130310	RAIN EVENT ACTION PLAN	EA	93	500.00	46,500.00
19	130320	STORM WATER SAMPLING AND ANALYSIS DAY	EA	28		
20	130330	STORM WATER ANNUAL REPORT	EA	3	2,000.00	6,000.00

**BID ITEM LIST**  
**04-264094**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	130505	MOVE-IN/MOVE-OUT (TEMPORARY EROSION CONTROL)	EA	13		
22	130530	TEMPORARY HYDRAULIC MULCH (BONDED FIBER MATRIX)	SQYD	38,900		
23	130570	TEMPORARY COVER	SQYD	9,600		
24	130610	TEMPORARY CHECK DAM	LF	8,310		
25	130620	TEMPORARY DRAINAGE INLET PROTECTION	EA	180		
26	130640	TEMPORARY FIBER ROLL	LF	27,400		
27	130680	TEMPORARY SILT FENCE	LF	62,800		
28	130710	TEMPORARY CONSTRUCTION ENTRANCE	EA	16		
29	028280	TEMPORARY CONSTRUCTION ENTRANCE (CONSTRUCTION STAGING PADS)	LS	LUMP SUM	LUMP SUM	
30	130900	TEMPORARY CONCRETE WASHOUT	LS	LUMP SUM	LUMP SUM	
31	131103	WATER QUALITY SAMPLING AND ANALYSIS DAY	EA	85		
32	131104	WATER QUALITY MONITORING REPORT	EA	4		
33	141000	TEMPORARY FENCE (TYPE ESA)	LF	16,000		
34	BLANK					
35	141103	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	LF	28,800		
36	141109	ADL BURIAL LOCATION REPORT	LS	LUMP SUM	LUMP SUM	
37	141120	TREATED WOOD WASTE	LB	235,000		
38	150203	ABANDON CULVERT (EA)	EA	1		
39	150204	ABANDON CULVERT (LF)	LF	79		
40	BLANK					

**BID ITEM LIST**

**04-264094**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	150605	REMOVE FENCE	LF	20,500		
42	150661	REMOVE GUARDRAIL	LF	1,070		
43	150667	REMOVE DOUBLE METAL BEAM BARRIER	LF	12,300		
44	150668	REMOVE FLARED END SECTION	EA	11		
45	150711	REMOVE PAINTED TRAFFIC STRIPE	LF	143,000		
46	150712	REMOVE PAINTED PAVEMENT MARKING	SQFT	1,540		
47	150714	REMOVE THERMOPLASTIC TRAFFIC STRIPE	LF	20,700		
48	150722	REMOVE PAVEMENT MARKER	EA	2,450		
49	150742	REMOVE ROADSIDE SIGN	EA	46		
50	150809	REMOVE CULVERT (LF)	LF	200		
51	150812	REMOVE PIPE (LF)	LF	7,100		
52	150820	REMOVE INLET	EA	21		
53	150821	REMOVE HEADWALL	EA	16		
54	150826	REMOVE MANHOLE	EA	1		
55	028281	REMOVE PIPE(30" STEEL NMWD)	LF	6,250		
56	150847	REMOVE CONCRETE PAVEMENT AND BASE	CY	9,410		
57	150860	REMOVE BASE AND SURFACING	CY	9,370		
58	BLANK					
59	152387	RELOCATE ROADSIDE SIGN-TWO POST	EA	1		
60	152430	ADJUST INLET	EA	20		

**BID ITEM LIST**  
**04-264094**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61	152432	ADJUST MANHOLE	EA	1		
62	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	32,000		
63	028282	REMOVE CONCRETE (WING WALL) (CY)	CY	4		
64	153220	REMOVE CONCRETE (CHANNEL)	CY	220		
65	153229	REMOVE CONCRETE BARRIER (TYPE K)	LF	450		
66	028283	REMOVED SACKED CONCRETE SLOPE PROTECTION	EA	3		
67	155003	CAP INLET	EA	21		
68	155231	CULVERT SLURRY-CEMENT BACKFILL	CY	270		
69	156590	REMOVE CRASH CUSHION (SAND FILLED)	EA	1		
70	157550	BRIDGE REMOVAL	LS	LUMP SUM	LUMP SUM	
71	160102	CLEARING AND GRUBBING (LS)	LS	LUMP SUM	LUMP SUM	
72	170101	DEVELOP WATER SUPPLY	LS	LUMP SUM	LUMP SUM	
73	180106	DUST PALLIATIVE	LS	LUMP SUM	LUMP SUM	
74	190101	ROADWAY EXCAVATION	CY	550,000		
75	190107	ROADWAY EXCAVATION (TYPE Y-1) (AERIALY DEPOSITED LEAD)	CY	3,700		
76	028284	SETTLEMENT AND MONITORING	LS	LUMP SUM	LUMP SUM	
77	190185	SHOULDER BACKING	TON	40		
78 (F)	192003	STRUCTURE EXCAVATION (BRIDGE)	CY	2,646		
79 (F)	192020	STRUCTURE EXCAVATION (TYPE D)	CY	430		
80 (F)	192037	STRUCTURE EXCAVATION (RETAINING WALL)	CY	3,140		

**BID ITEM LIST**

**04-264094**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
121 (F)	510053	STRUCTURAL CONCRETE, BRIDGE	CY	5,625		
122 (F)	510060	STRUCTURAL CONCRETE, RETAINING WALL	CY	1,340		
123 (F)	510086	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	272		
124 (F)	510090	STRUCTURAL CONCRETE, BOX CULVERT	CY	8		
125 (F)	510092	STRUCTURAL CONCRETE, HEADWALL	CY	10		
126 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	CY	489		
127 (F)	511035	ARCHITECTURAL TREATMENT	SQFT	860		
128	519095	JOINT SEAL ASSEMBLY (MR 4")	LF	245		
129 (F)	520101	BAR REINFORCING STEEL	LB	1,988		
130 (F)	520102	BAR REINFORCING STEEL (BRIDGE)	LB	1,775,900		
131 (F)	520103	BAR REINFORCING STEEL (RETAINING WALL)	LB	138,220		
132 (F)	560218	FURNISH SIGN STRUCTURE (TRUSS)	LB	28,704		
133 (F)	560219	INSTALL SIGN STRUCTURE (TRUSS)	LB	28,704		
134	BLANK					
135	560246	FURNISH LAMINATED PANEL SIGN (2 1/2"-TYPE B)	SQFT	330		
136	560248	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED)	SQFT	73		
137	560249	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED)	SQFT	79		
138	560251	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-FRAMED)	SQFT	13		
139	566011	ROADSIDE SIGN - ONE POST	EA	74		
140	566012	ROADSIDE SIGN - TWO POST	EA	5		

**BID ITEM LIST**

**04-264094**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
161 (F)	682049	CLASS 3 PERMEABLE MATERIAL (BLANKET)	CY	16,678		
162	028295	TEMPORARY ACCESS PAD	LS	LUMP SUM	LUMP SUM	
163 (F)	044802	30" WELDED STEEL PIPE CASING (BRIDGE)	LF	155		
164	705311	18" ALTERNATIVE FLARED END SECTION	EA	16		
165	705315	24" ALTERNATIVE FLARED END SECTION	EA	5		
166	705319	30" ALTERNATIVE FLARED END SECTION	EA	4		
167	705321	36" ALTERNATIVE FLARED END SECTION	EA	5		
168	705333	72" ALTERNATIVE FLARED END SECTION	EA	2		
169 (F)	721015	ROCK SLOPE PROTECTION (LIGHT, METHOD B) (CY)	CY	114.5		
170	721420	CONCRETE (DITCH LINING)	CY	730		
171	729011	ROCK SLOPE PROTECTION FABRIC (CLASS 8)	SQYD	360		
172	730045	MINOR CONCRETE (GUTTER) (CY)	CY	21		
173	730070	DETECTABLE WARNING SURFACE	SQFT	74		
174	731507	MINOR CONCRETE (GUTTER DEPRESSION)	CY	40		
175 (F)	750001	MISCELLANEOUS IRON AND STEEL	LB	60,333		
176	750020	RIGID RAIL FALL PROTECTION SYSTEM	EA	5		
177 (F)	750041	ISOLATION CASING	LB	15,995		
178 (F)	750505	BRIDGE DECK DRAINAGE SYSTEM	LB	23,790		
179	800320	CHAIN LINK FENCE (TYPE CL-4)	LF	1,930		
180	800360	CHAIN LINK FENCE (TYPE CL-6)	LF	24,500		

**BID ITEM LIST**  
**04-264094**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
181	802620	16' CHAIN LINK GATE (TYPE CL-6)	EA	2		
182	820107	DELINEATOR (CLASS 1)	EA	18		
183	820118	GUARD RAILING DELINEATOR	EA	130		
184	820134	OBJECT MARKER (TYPE P)	EA	19		
185	820151	OBJECT MARKER (TYPE L-1)	EA	15		
186	832015	MIDWEST GUARDRAIL SYSTEM (7' WOOD POST)	LF	9,000		
187	832070	VEGETATION CONTROL (MINOR CONCRETE)	SQYD	5,310		
188	839311	DOUBLE THRIE BEAM BARRIER (WOOD POST)	LF	2,400		
189 (F)	839521	CABLE RAILING	LF	975		
190	BLANK					
191	839543	TRANSITION RAILING (TYPE WB-31)	EA	10		
192	839581	END ANCHOR ASSEMBLY (TYPE SFT)	EA	9		
193	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	2		
194	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	14		
195	028297	TYPE SCI 100GM CRASH CUSHION	EA	1		
196	839699	CONCRETE BARRIER (TYPE 60P)	LF	160		
197	839701	CONCRETE BARRIER (TYPE 60)	LF	11,500		
198 (F)	839702	CONCRETE BARRIER (TYPE 60A)	LF	570		
199	839703	CONCRETE BARRIER (TYPE 60C)	LF	2,750		
200	839704	CONCRETE BARRIER (TYPE 60D)	LF	740		

**BID ITEM LIST**  
**04-264094**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
221	028626	TUBULAR BICYCLE RAILING	LF	252		
222	028627	CONCRETE BARRIER (TRANSITION)	LF	36		
223	BLANK					
224	030202	ALTERNATIVE CRASH CUSHION	EA	1		
225	193030	PERVIOUS BACKFILL MATERIAL	CY	3		
226	510526	MINOR CONCRETE (BACKFILL)	CY	1,600		
227	030203	FURNISH FORMED PANEL SIGN (OVERHEAD) FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	200		
228	030204	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED) FOR RETROFLECTIVE SHEETING (TYPE XI)	SQFT	160		
229	030205	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED) FOR RETROFLECTIVE SHEETING (TYPE XI)	SQFT	240		
230	030206	RETROFLECTIVE SHEETING (TYPE XI)	SQFT	600		
231	030206	FILTER FABRIC	SQYD	118,000		
232	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

**TOTAL BID:**

**\$**

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