

**DEPARTMENT OF TRANSPORTATION**  
DIVISION OF ENGINEERING SERVICES  
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Be energy efficient!*

October 6, 2009

03-Pla,Nev-80-56.1/66.3  
03-2C8604  
ACIM-000C(309)N

Addendum No. 3

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN PLACER AND NEVADA COUNTIES FROM CARPENTER FLAT UNDERCROSSING TO HAMPSHIRE ROCKS UNDERCROSSING.

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, 2009.

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

Project Plan Sheets 160, 161, 196, 201, 923, 924, and 930 are revised. Copies of the revised sheets are attached for substitution for the like-numbered sheets.

Project Plan Sheets 161A and 207A are added. Copies of the added sheets are attached for addition to the project plans.

In the Special Provisions, Section 4, "BEGINNING OF WORK, TIME OF COMPLETION, AND LIQUIDATED DAMAGES," the seventh paragraph is deleted.

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

In the Special Provisions, Section 10-1.01, "ORDER OF WORK," the following paragraph is added after the eighth paragraph:

"Attention is directed to "PROTECTION OF MIGRATORY BIRDS AND BATS" of these special provisions. Prior to February 28, 2010, the Contractor shall fell trees at the following locations:

Temporary crossovers "CO1" and "CO2":

"EB1" 689+52 to 702+16

"WB1" 698+00 to 709+17

Temporary crossovers "CO3" and "CO4":

"EB1" 916+91 to 927+91

"WB1" 922+64 to 932+83"

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In the Special Provisions, Section 10-1.36, "CLEARING AND GRUBBING," the following paragraphs are added:

"The following conditions apply to tree removal for temporary crossovers at the following locations:

Temporary crossovers "CO1" and "CO2":

"EB1" 689+52 to 702+16  
"WB1" 698+00 to 709+17

Temporary crossovers "CO3" and "CO4"

"EB1" 916+91 to 927+91  
"WB1" 922+64 to 932+83

Limbs shall be cut and removed from the area. Limbing and felling trees shall be performed using hand tools only. Tree trunks may remain on site until spring when clearing and grubbing operations are performed but shall not impede any existing drainage paths. Tree trunks must be stored as far from the roadway as practical. Cleanup from tree felling and limbing shall be performed as directed by the Engineer."

In the Special Provisions, Section 10-1.37, "EARTHWORK," in the eleventh paragraph, item "D" is revised as follows:

"The quantity of imported borrow to be paid for will be that quantity remaining after deducting the adjusted quantities of excavation from the total embankment quantity and then adding a quantity of 5,250 cubic yards for the anticipated effect of subsidence."

In the Special Provisions, Section 10-1.38, "SHOULDER BACKING," the ninth paragraph is revised as follows:

"Prior to placement of shoulder backing material, basement material shall be scarified to minimum depth of 0.25 foot. Immediately prior to placement of shoulder backing material, scarified material shall be watered. Shoulder backing material shall be placed in lifts not exceeding a maximum thickness of 7 inches per lift, watered, and rolled a minimum of 2 passes, with a steel tired roller weighing not less than 8 tons to form a smooth, compacted surface. Watering shall conform to the provisions in Section 17, "Watering," of the Standard Specifications."

In the Special Provisions, Section 10-1.38, "SHOULDER BACKING," the twelfth and thirteenth paragraphs are revised as follows:

"Quantities of imported material (shoulder backing) will be measured by the cubic yard in conformance with the provisions in Section 9-1.01, "Measurement of Quantities," of the Standard Specifications.

The contract price paid per cubic yard for imported material (shoulder backing) shall include full compensation for furnishing all labor, material, tools, equipment, and incidentals, and for doing all the work involved in constructing shoulder backing, complete in place, including furnishing, placing, maintaining, and removing portable delineators, W8-9 (LOW SHOULDER) signs, and temporary supports or barricades for the signs, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer."

In the Special Provisions, Section 10-1.52, "JOINTED PLAIN CONCRETE PAVEMENT," subsection, "GENERAL," subsection, "Submittals," the first paragraph is revised as follows:

"Submit AASHTO T 336 coefficient of thermal expansion test results to the Engineer."

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In the Special Provisions, Section 10-1.52, "JOINTED PLAIN CONCRETE PAVEMENT," subsection, "GENERAL," subsection, "Quality Control and Assurance," subsection, "General," the first paragraph is revised as follows:

"Perform coefficient of thermal expansion testing under AASHTO T 336 at a frequency of 1 test for each day of paving."

In the Special Provisions, Section 10-1.53, "CONTINUOUSLY REINFORCED CONCRETE PAVEMENT," subsection, "QUALITY CONTROL AND ASSURANCE," subsection, "General," the first paragraph is revised as follows:

"Perform coefficient of thermal expansion testing under AASHTO T 336 at a frequency of 1 test for each day of paving."

In the Special Provisions, Section 10-1.53, "CONTINUOUSLY REINFORCED CONCRETE PAVEMENT," subsection, "QUALITY CONTROL AND ASSURANCE," subsection, "Engineer's Acceptance," the table is revised as follows:

<b>Concrete Pavement Acceptance</b>		
Test or Determination	Frequency	Test
Coefficient of Thermal Expansion	1 test per day of paving	AASHTO T 336

In the Special Provisions, Section 10-1.53, "CONTINUOUSLY REINFORCED CONCRETE PAVEMENT," subsection, "MATERIALS," subsection, "Concrete," the following paragraph is added before the first paragraph:

"The thermal coefficient of expansion determined under AASHTO T 336 for concrete used in continuously reinforced concrete pavement including terminal joints must not exceed  $6 \times 10^{-6}$  inches/inch at 68 °F."

In the Special Provisions, Section 10-1.53, "CONTINUOUSLY REINFORCED CONCRETE PAVEMENT," subsection, "MATERIALS," subsection, "Aggregate," the first paragraph is deleted.

In the Special Provisions, Section 10-1.83, "PORTLAND CEMENT CONCRETE DIKE," the sixth, seventh and eighth paragraphs are revised as follows:

"Transverse weakened plane and expansion joints shall be constructed in the concrete dike by sawing through the dike section to one third of its full depth. These joints shall be constructed at the same locations as the portland cement concrete pavement joints on which it is placed. The dimensions of the joint shall match the joint of the portland cement concrete pavement.

If sawing is performed before the concrete has hardened, the adjacent portions of the dike shall be supported firmly with close fitting shields. The operations of sawing shall be completed before curing the concrete.

If sawing is performed after the concrete has hardened, exposed portions of the dike in the vicinity of the joint shall be covered with another application of curing compound."

In the Special Provisions, Section 10-1.83, "PORTLAND CEMENT CONCRETE DIKE," the ninth paragraph is deleted.

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In the Special Provisions, Section 10-1.90, "CONCRETE BARRIER AND SHOULDER BARRIER," the following paragraphs are added after the last paragraph:

"Bar reinforcement shall be purple or gray epoxy-coated, grade 60 steel for the following barrier found adjacent to the roadway:

Concrete Barrier:

1. Type 60E, Modified
2. Type 60C
3. Type 60SC, Modified
4. Type 60S
5. Type 32B, Modified

Shoulder Barrier:

1. Type 732 LSB
2. Type 732 LSB, Modified

Full compensation for epoxy-coated bar reinforcement, portland cement concrete footings and compacted base shall be considered as included in the contract unit price paid per linear foot for concrete barrier and shoulder barrier of the type or types listed above, and no separate payment will be made therefor."

In the Bid book, in the "Bid Item List," Items 89, 96, 111, and 114 are revised, Items 235 and 236 are added and Items 93 and 234 are deleted as attached.

To Bid book holders:

Replace pages 7, 8, and 14 of the "Bid Item List" in the Bid book with the attached revised pages 7, 8, and 14 of the 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.

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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/03/03-2C8604](http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/03/03-2C8604)**

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,

ORIGINAL SIGNED BY

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	United States Army Corps of Engineers 404 Permit, Regional Water Quality Control Board 1602 Permit, California Department of Fish and Game 401 Permit
Available for inspection at the North Region Construction Office 703 B Street Marysville, CA 95901	United States Army Corps of Engineers 404 Permit, Regional Water Quality Control Board 1602 Permit, California Department of Fish and Game 401 Permit Cross Sections Geotechnical Design Report dated October 2, 2008 Cross Sections for Hybrid Rock Fall Barrier System
Available as specified in the Standard Specifications	Bridge as-built drawings

**BID ITEM LIST  
03-2C8604**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
81	157568	BRIDGE REMOVAL (PORTION), LOCATION H	LS	LUMP SUM	LUMP SUM	
82	157569	BRIDGE REMOVAL (PORTION), LOCATION I	LS	LUMP SUM	LUMP SUM	
83	157570	BRIDGE REMOVAL (PORTION), LOCATION J	LS	LUMP SUM	LUMP SUM	
84	157571	BRIDGE REMOVAL (PORTION), LOCATION K	LS	LUMP SUM	LUMP SUM	
85	157572	BRIDGE REMOVAL (PORTION), LOCATION L	LS	LUMP SUM	LUMP SUM	
86	157573	BRIDGE REMOVAL (PORTION), LOCATION M	LS	LUMP SUM	LUMP SUM	
87	016648	RESET PORTABLE CONCRETE BARRIER (TYPE 60K, PINNED)	LF	1,470		
88	160101	CLEARING AND GRUBBING	LS	LUMP SUM	LUMP SUM	
89	190101	ROADWAY EXCAVATION	CY	79,500		
90	190110	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
91	190113	ASBESTOS COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
92	190114	DUST CONTROL PLAN	LS	LUMP SUM	LUMP SUM	
93	BLANK					
94	193114	SAND BACKFILL	CY	17		
95	016649	HYBRID ROCK FALL BARRIER SYSTEM	LS	LUMP SUM	LUMP SUM	
96	198001	IMPORTED BORROW	CY	54,200		
97	203016	EROSION CONTROL (TYPE D)	SQYD	285,000		
98	203018	EROSION CONTROL (NETTING)	SQYD	57,800		
99	250201	CLASS 2 AGGREGATE SUBBASE	CY	600		
100	260201	CLASS 2 AGGREGATE BASE	CY	30,500		

**BID ITEM LIST  
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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
101	260210	AGGREGATE BASE (APPROACH SLAB)	CY	78		
102	390095	REPLACE ASPHALT CONCRETE SURFACING	CY	52		
103	390131	HOT MIX ASPHALT	TON	280,000		
104	393003	GEOSYNTHETIC PAVEMENT INTERLAYER	SQYD	1,300		
105	394060	DATA CORE	LS	LUMP SUM	LUMP SUM	
106	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	63		
107	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	43,300		
108	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	SQYD	8,680		
109	397005	TACK COAT	TON	55		
110	400050	CONTINUOUSLY REINFORCED CONCRETE PAVEMENT	CY	32,100		
111	016650	PAVEMENT ANCHOR (CONTINUOUSLY REINFORCED CONCRETE PAVEMENT)	EA	15		
112	016651	CONTINUOUSLY REINFORCED CONCRETE PAVEMENT (PAVEMENT EXPANSION JOINT)	LF	120		
113	401000	CONCRETE PAVEMENT	CY	172,000		
114	016652	PAVEMENT ANCHOR (JOINTED PLANE CONCRETE PAVEMENT)	EA	2		
115	401083	SHOULDER RUMBLE STRIP (CONCRETE PAVEMENT, GROUND-IN INDENTATIONS)	STA	1,900		
116	401100	REPLACE CONCRETE PAVEMENT	CY	7,660		
117	404092	SEAL PAVEMENT JOINT	LF	628,000		
118	404093	SEAL ISOLATION JOINT	LF	15,600		
119	420201	GRIND EXISTING CONCRETE PAVEMENT	SQYD	17,500		
120 (F)	510053	STRUCTURAL CONCRETE, BRIDGE	CY	1,921		

**BID ITEM LIST  
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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
221	860401	LIGHTING	LS	LUMP SUM	LUMP SUM	
222	860501	SIGN ILLUMINATION	LS	LUMP SUM	LUMP SUM	
223	016672	MODIFY EXTINGUISHABLE MESSAGE SIGN	LS	LUMP SUM	LUMP SUM	
224	860508	MODIFY SIGN ILLUMINATION	LS	LUMP SUM	LUMP SUM	
225	016673	LED DYNAMIC MESSAGE SIGN (RADAR FEEDBACK)	LS	LUMP SUM	LUMP SUM	
226	016674	MODIFY ANTI-ICING SYSTEM	LS	LUMP SUM	LUMP SUM	
227	860889	MODIFY TRAFFIC MONITORING STATION	LS	LUMP SUM	LUMP SUM	
228	860930	TRAFFIC MONITORING STATION	LS	LUMP SUM	LUMP SUM	
229	861503	MODIFY LIGHTING	LS	LUMP SUM	LUMP SUM	
230	016675	MODIFY ROADWAY WEATHER INFORMATION SYSTEM	LS	LUMP SUM	LUMP SUM	
231	862065	REPLACE PULL BOX	LS	LUMP SUM	LUMP SUM	
232	BLANK					
233	017412	REMOVE TEMPORARY HOT MIX ASPHALT RAMP	CY	4,450		
234	BLANK					
235	198007	IMPORTED MATERIAL (SHOULDER BACKING)	CY	17,100		
236	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

**TOTAL BID: \_\_\_\_\_**