

**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!*

May 6, 2016

10-SJ-132-0.4/7.1

10-OG8204

Project ID 1013000073

ACNHP-P132(050)E

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN SAN JOAQUIN COUNTY NEAR VERNALIS FROM 0.4 MILE EAST OF ROUTE 580 TO STANISLAUS COUNTY LINE to revise the project plans, the *Notice to Bidders and Special Provisions*, and the *Bid* book.

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 Thursday, June 9, 2016.

Project plan sheets 1, 44, 129, 232, 275, 276, 277, 287, 321 and 322 are replaced and attached for substitution for the like-numbered sheets.

In the *Notice to Bidders*, after the 9th paragraph the following paragraph is inserted as follows:

"For the Federal training program, the number of trainees or apprentices is 15."

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

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

In the *Special Provisions*, Section 12-3.13, is replaced as attached.

In the *Special Provisions*, Section 12-4.02A, is replaced as attached.

In the *Special Provisions*, Section 18, is replaced as attached.

Addendum No. 1  
Page 2  
May 6, 2016

10-SJ-132-0.4/7.1  
10-OG8204  
Project ID 1013000073  
ACNHP-P132(050)E

In the *Bid* book, in the "Bid Item List," Item 110 is replaced.

In the *Bid* book, in the "Bid Item List," Items 135 and 136 are added.

In the *Bid* book, in the "Bid Item List," Items 3 and 134 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)**

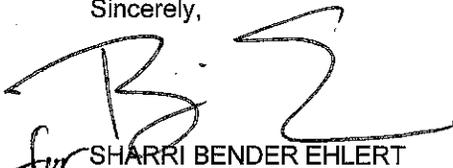
Inform subcontractors and suppliers as necessary.

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

**[http://www.dot.ca.gov/hq/esc/oe/project\\_ads\\_addenda/10/10-OG8204](http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/10/10-OG8204)**

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,

  
for SHARRI BENDER EHLERT  
District Director  
District 6 Central Region

Attachments

**Add to section 1-1.01:**

**Bid Items and Applicable Sections**

Item code	Item description	Applicable section
030990	PORTABLE RADAR TRAILER	12
030991	TEMPORARY ALTERNATIVE CRASH CUSHION	12
030992	TEMPORARY CHECK DAM (TYPE 2)	13
030993	BIRD EXCLUSION DEVICES	14
030994	SURVEYING, SAMPLING AND ANALYSIS (ASBESTOS)	14
030995	RUBBER MAT	20
030996	CENTER LINE RUMBLE STRIP (HMA, GROUND-IN INDENTATIONS)	39
030997	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED) FOR THERMOPLSTIC SHEETING (TYPE XI)	56
030998	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED) FOR THERMOPLSTIC SHEETING (TYPE XI)	56
030999	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-FRAMED) FOR THERMOPLSTIC SHEETING (TYPE XI)	56
031000	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-FRAMED) FOR THERMOPLSTIC SHEETING (TYPE XI)	56
031001	RETRO-REFLECTIVE SHEETING (TYPE XI)	56
031002	12" TEMPORARY FLARED END SECTION	70
031003	MINOR CONCRETE (DIKE)	73
031004	CONCRETE BARRIER (TRANSITION)	83
031005	ALTERNATIVE CRASH CUSHION SYSTEM	83
031006	CONCRETE BARRIER (TYPE 60SD)	83
031063	COMMUNICATION CONDUIT (LS)	86
031007	ELECTRICAL SYSTEMS	86

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

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

1. Joint Seal Type B
2. Pavement Dowels and Reinforcement
3. Metal Sign Structures
4. Culvert Pipes
5. Flared End Section
6. Reinforcement
7. Pavement Markers
8. Crash Cushion Modules
9. Railing and Appurtenances
10. Splice Vaults
11. Communication Conduit

**Replace "Reserved" in section 12-3.13 with:**

**12-3.13A General**

**12-3.13A(1) Summary**

Section 12-3.13 includes specifications for protecting traffic and workers with an impact attenuator vehicle during moving lane closures and when placing and removing components of stationary lane closures, ramp closures, shoulder closures, or a combination.

Impact attenuator vehicles must comply with the following test levels under the National Cooperative Highway Research Program 350:

1. Test level 3 if the preconstruction posted speed limit is 50 mph or more
2. Test levels 2 or 3 if the preconstruction posted speed limit is 45 mph or less

The impact attenuator vehicle must comply with the attenuator manufacturer's instructions for:

1. Support truck, except the weight of the support truck must comply with the allowable vehicle weight limits shown on the Authorized Materials List for highway safety features and the manufacturer's instructions
2. Trailer-mounted attenuator
3. Truck-mounted attenuator

Flashing arrow signs must comply with section 12-3.03 except you may use a portable changeable message sign instead of a flashing arrow sign. If a portable changeable message sign is used as a flashing arrow sign, it must comply with section 6F.61 "Arrow Panels" of the *California MUTCD*.

**12-3.13A(2) Definitions**

**impact attenuator vehicle:** Support truck that is towing a deployed attenuator mounted to a trailer or a support truck with a deployed attenuator that is mounted to the support truck.

**12-3.13A(3) Submittals**

Submit a certificate of compliance for each attenuator used on the project.

**12-3.13A(4) Quality Control and Assurance**

Before using an impact attenuator vehicle, conduct a meeting with the Engineer, subcontractors, and other parties involved with traffic control to discuss the operation of the impact attenuator vehicle during moving lane closures and when placing and removing components of a stationary traffic control system.

Schedule the location, time, and date for the meeting with all participants. Furnish a meeting facility located within 5 miles of the job site or at another authorized location.

**12-3.13B Materials**

Impact attenuator vehicles must be on the Authorized Materials List for highway safety features. Impact attenuator vehicles must comply with Veh Code Div 12.

Each attenuator must be individually identified with the manufacturer's name, address, attenuator model number, and a specific serial number. The name and number must be a minimum 1/2 inch high and located on the left, street side, lower front corner. Do not use an attenuator that is damaged or appears to be in poor condition until it is recertified by the manufacturer. The Engineer determines if a used attenuator supplied under this Contract needs to be recertified. Each unit must be certified by the manufacturer to comply with the requirements for an attenuator under the standards established by the Department's Division of Research, Innovation and System Information.

For the Trinity MPS-350 truck-mounted attenuator, the support truck must not have a fuel tank mounted underneath within 10'-6" of the rear of the support truck.

Each impact attenuator vehicle must have:

1. Inverted "V" chevron pattern placed across the entire rear of the attenuator composed of alternating 4-inch wide nonreflective black stripes and 4-inch wide yellow retroreflective stripes sloping at 45 degrees
2. Type II flashing arrow sign
3. Flashing or rotating amber light
4. Operable 2-way communication system for maintaining contact with workers

### **12-3.13C Construction**

Do not start impact attenuator vehicle activities until authorized.

Except where prohibited, use an impact attenuator vehicle:

1. To follow behind equipment and workers who are placing and removing components of a stationary lane closure, ramp closure, shoulder closure, or any combination. Operate the flashing arrow sign in the arrow or caution mode during this activity, whichever applies. Follow at a distance that prevents intrusion into the workspace from passing traffic.
2. As a shadow vehicle in a moving lane closure.

Monitor placement and use of the attenuator vehicle on a regular basis and adjust the use of the attenuator to match changing field conditions as construction progresses.

After placing components of a stationary traffic control system you may place the impact attenuator vehicle in advance of the work area or at another authorized location to protect traffic and workers.

Secure objects, including equipment, tools, and ballast, on impact attenuator vehicles to prevent loosening upon impact by an errant vehicle.

Do not use a damaged attenuator. Replace any attenuator damaged from an impact during work activities.

### **12-3.13D Payment**

Not Used

**Add to section 12-4.02A:**

If work, including installing, maintaining, and removing Type K temporary railing, is to be performed within 6 feet of the adjacent traffic lane, close the adjacent traffic lane.

Except as listed above, closure of the adjacent traffic lane is not required for installing, maintaining, and removing traffic control devices.

For grinding and grooving operations, saw cutting concrete slabs, and installing loop detectors, closure of the adjacent traffic lane is not required if an impact attenuator vehicle is used as a shadow vehicle.

Designated holidays are shown in the following table:

**Designated Holidays**

Holiday	Date observed
New Year's Day	January 1st
Washington's Birthday	3rd Monday in February
Memorial Day	Last Monday in May
Independence Day	July 4th
Labor Day	1st Monday in September
Veterans Day	November 11th
Thanksgiving Day	4th Thursday in November
Christmas Day	December 25th

If a designated holiday falls on a Sunday, the following Monday is a designated holiday. If November 11th falls on a Saturday, the preceding Friday is a designated holiday.

The special days are Martin Luther King Day, Cesar Chavez Day, and Easter Sunday weekend including the Friday prior.

For a one-way-reversing traffic-control lane closure, traffic may be stopped in 1 direction for periods not to exceed 10 minutes. After each stoppage, all accumulated traffic for that direction must pass through the work zone before another stoppage is made.

The maximum length of a single stationary one-way-reversing traffic-control lane closure is 1.5 miles between flaggers.

The maximum length of the work area inside a lane closure other than a one-way-reversing traffic-control lane closure is 2 miles.

Not more than 1 stationary lane closures will be allowed in each direction of travel at one time. Personal vehicles of your employees must not be parked on the traveled way or shoulders, including sections closed to traffic.

If work vehicles or equipment are parked within 6 feet of a traffic lane of a freeway or expressway, close the shoulder area as shown.

## **18 DUST PALLIATIVE**

**Delete item 1 in the list in the 2nd paragraph in section 18-1.01A of the RSS for section 18.**

**BID ITEM LIST  
10-0G8204**

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	BLANK					
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	130		
7	120159	TEMPORARY TRAFFIC STRIPE (PAINT)	LF	257,000		
8	120165	CHANNELIZER (SURFACE MOUNTED)	EA	2,130		
9	120300	TEMPORARY PAVEMENT MARKER	EA	13,400		
10	128652	PORTABLE CHANGEABLE MESSAGE SIGN (LS)	LS	LUMP SUM	LUMP SUM	
11	030990	PORTABLE RADAR TRAILER	LS	LUMP SUM	LUMP SUM	
12	129000	TEMPORARY RAILING (TYPE K)	LF	21,400		
13	129100	TEMPORARY CRASH CUSHION MODULE	EA	960		
14	030991	TEMPORARY ALTERNATIVE CRASH CUSHION	EA	4		
15	130100	JOB SITE MANAGEMENT	LS	LUMP SUM	LUMP SUM	
16	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	LUMP SUM	LUMP SUM	
17	130330	STORM WATER ANNUAL REPORT	EA	1	2,000.00	2,000.00
18	130520	TEMPORARY HYDRAULIC MULCH	SQYD	98,900		
19	130560	TEMPORARY SOIL BINDER	SQYD	98,900		
20	030992	TEMPORARY CHECK DAM (TYPE 2)	LF	1,720		

**BID ITEM LIST  
10-0G8204**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
101	623001	12" TEMPORARY CULVERT	LF	860		
102	650014	18" REINFORCED CONCRETE PIPE	LF	4		
103	650018	24" REINFORCED CONCRETE PIPE	LF	7		
104	650026	36" REINFORCED CONCRETE PIPE	LF	11		
105	705204	18" CONCRETE FLARED END SECTION	EA	1		
106	705206	24" CONCRETE FLARED END SECTION	EA	1		
107	705210	36" CONCRETE FLARED END SECTION	EA	1		
108	031002	12" TEMPORARY FLARED END SECTION	EA	8		
109	730020	MINOR CONCRETE (CURB) (CY)	CY	36		
110	031003	MINOR CONCRETE (DIKE)	CY	110		
111	731530	MINOR CONCRETE (TEXTURED PAVING)	CY	150		
112	820107	DELINEATOR (CLASS 1)	EA	63		
113	820118	GUARD RAILING DELINEATOR	EA	81		
114	820131	OBJECT MARKER (TYPE K)	EA	3		
115	820132	OBJECT MARKER (TYPE L)	EA	13		
116	820134	OBJECT MARKER (TYPE P)	EA	4		
117	832005	MIDWEST GUARDRAIL SYSTEM	LF	3,500		
118	839221	DOUBLE MIDWEST GUARDRAIL SYSTEM (WOOD POST)	LF	1,290		
119	031004	CONCRETE BARRIER (TRANSITION)	LF	41		
120	839543	TRANSITION RAILING (TYPE WB-31)	EA	12		

**BID ITEM LIST  
10-0G8204**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
121	839581	END ANCHOR ASSEMBLY (TYPE SFT)	EA	20		
122	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	15		
123	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	3		
124	031005	ALTERNATIVE CRASH CUSHION SYSTEM	EA	12		
125	031006	CONCRETE BARRIER (TYPE 60SD)	LF	94		
126	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	2,000		
127	840560	THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)	LF	192,000		
128	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	3,520		
129	860090	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LS	LUMP SUM	LUMP SUM	
130 (F)	031063	COMMUNICATION CONDUIT (LS)	LS	LUMP SUM	LUMP SUM	
131	860812	MICROWAVE VEHICLE DETECTION SYSTEM	LS	LUMP SUM	LUMP SUM	
132	861503	MODIFY LIGHTING	LS	LUMP SUM	LUMP SUM	
133	031007	ELECTRICAL SYSTEMS	LS	LUMP SUM	LUMP SUM	
134	BLANK					
135	090105	TIME RELATED OVERHEAD (LS)	LS	LUMP SUM	LUMP SUM	
136	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	