

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

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*Flex your power!  
Be energy efficient!*

August 22, 2012

04-Ala-580-14.6/21.6

04-2908E4

Project ID 0400021249

ACIM-580-1(054)E

Addendum No. 3

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN ALAMEDA COUNTY IN LIVERMORE, PLEASANTON, AND DUBLIN FROM 0.3 MILE EAST OF AIRWAY BOULEVARD OVERCROSSING TO 0.2 MILE WEST OF SAN RAMON/FOOTHILL ROAD 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 Wednesday, August 29, 2012.

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

Project Plan Sheets 101, 104, 305, 308, 536 and 537 are revised. Copies of the revised sheets are attached for substitution for the like-numbered sheets.

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

"Do not bid less than 340 working days and not more than 485 working days."

In the Special Provisions, Section 2-1.05, "WORKING DAYS BID," is added as follows:

**"2-1.05 WORKING DAYS BID**

If your bid for time is less than or exceeds the number of working days described in the Notice to Bidders, your bid is nonresponsive."

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In the Special Provisions, Section 4, "BEGINNING OF WORK, TIME OF COMPLETION, AND LIQUIDATED DAMAGES," the second paragraph is revised as follows:

"Do not start work at the job site until the Engineer approves your submittal for:

1. Baseline Progress Schedule (Critical Path Method)
2. Storm Water Pollution Prevention Plan (SWPPP)
3. Notification of Dispute Resolution Advisor (DRA) or Dispute Review Board (DRB) nominee and disclosure statement as specified in Section 5-1.15, "Dispute Resolution," of the Standard Specifications."

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

In the Special Provisions, Section 5-1.11, "SPECIES PROTECTION," the second paragraph is revised as follows:

"This project is within or near habitat for regulated species:

California Red-Legged Frog
San Joaquin Kit Fox

"

In the Special Provisions, Section 5-1.12, "NATURAL RESOURCES PROTECTION PLAN," is deleted.

In the Special Provisions, Section 10-1.02, "ORDER OF WORK," is revised as attached.

In the Special Provisions, Section 10-1.05, "CONSTRUCTION SITE MANAGEMENT," subsection "Waste Management," the first paragraph is revised as follows:

"Do not allow litter, trash, or debris to accumulate anywhere on the job site, including storm drain grates, trash racks, and ditch lines. Pick up and remove litter, trash, and debris from the job site daily. The WPC manager must monitor solid waste storage and disposal procedures on the job site."

In the Special Provisions, Section 10-1.14, "TEMPORARY CREEK DIVERSION," the fourth paragraph is deleted.

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In the Special Provisions, Section 10-1.15, "COOPERATION," the table after the first paragraph is revised as follows:

"

Contract No.	Co-Rte-PM	Location	Type of Work
04-0A7901	04-VAR-VAR	Within Contra Costa and Alameda Counties	MBGR Terminal Systems Upgrade
04-0G1904	04-580-R7.8/20.7	I-580 EB from Hacienda Drive OC to Greenville Road UC	HOV to Express Lane Conversion
04-1G0904	04-580-R21.43	I-580 EB Off-ramp at Foothill Rd/San Ramon Rd	Ramp Reconfiguration
04-4S3704	04-580-R11.1	Arroyo Seco Creek Rock Slope Protection, Livermore	Rock Slope Protection
04-2908V4	04-580-R7.8/R19.1	I-580 EB from Greenville Road OH to Hacienda Drive OC	Freeway Widening and Overlay
04-3A9601	04-580-R9.2	EB Livermore Weigh Station	Rehabilitate and Upgrade Weigh Station.
04-151134	04-580-0.0/31.0; 04-238-14.4/16.7	Castro Valley, Hayward, Dublin, Pleasanton	Ramp Widening and Ramp Metering
04-4A07U4	04-580-R4.9/R8.2	I-580 EB from North Flynn Road to Greenville Road UC	Construct Truck-Climbing Lane
04-2908E4	04-580-R14.6/R21.6	I-580 WB from Airway Blvd OC to San Ramon/Foothill RD OC	Freeway Widening and Pavement Rehabilitation
04-4G1904	04-580-0.0/9.5, 21.5/27.0	Castro Valley, Hayward, Dublin, Pleasanton	Ramp Widening and Ramp Metering

"

In the Special Provisions, Section 10-1.75, "CONCRETE STRUCTURES," the subsection "BRIDGE DECK SURFACE TEXTURE", is added before the subsection "DECK CLOSURE POURS", as attached.

In the Bid book, in the "Bid Item List," Items 3 and 50 are revised, Items 31 and 263 are deleted and Items 264 and 265 are added as attached.

To Bid book holders:

Replace pages 3, 4, 5 and 16 of the "Bid Item List" in the Bid book with the attached revised pages 3, 4, 5 and 16 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/04/04-2908E4](http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/04/04-2908E4)**

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

**10-1.02 ORDER OF WORK**

Order of work shall conform to the provisions in Section 5-1.05, "Order of Work," of the Standard Specifications and these special provisions.

Attention is directed to "Incentives and Disincentives" of these special provisions. The Contractor shall start work between Station "B" 535+00 and 540+00 (except for final RHMA lifts) as shown in Stages 1 and 2 55 days after contract approval.

Installation of exclusion netting under all bridge structures prior to January 1 to prevent nesting and roosting.

Attention is directed to "Bay Area Rapid Transit District Requirements" of these special provisions regarding permission to work near the BART operating tracks.

Attention is directed to "Cooperation" of these special provisions.

Attention is directed to "Safety Construction Fence" and "Temporary Railing (Type K, BART)" of these special provisions. The entire length of the safety construction fence and temporary railing (Type K, BART) must be installed before any reconstruction work of the BART concrete barrier can begin.

The Contractor shall notify Dublin San Ramon Services District (DSRSD) Construction Inspector, at (925) 570-9005, and Pacific Gas & Electric Company (PG&E) Gas Transmission Standby Inspector Underground, coordinated through Service Alert (USA) service at 811, a minimum of two weeks prior to any wing wall work at Tassajara Creek Bridge No. 33-0015R.

A PG&E Gas Transmission Standby Inspector must be present during any activities within 10 feet of the 8" gas pipeline at Tassajara Creek Bridge. The Contractor shall not operate any vehicular equipment with a wheel load exceeding the values listed below whenever working within 10 feet of traversing the 8" gas pipeline.

Depth of Cover (feet)	Maximum Wheel Load half axle* (lbs)
2.0'	21,970
3.0'	46,800
4.0'	75,800
5.0'	113,000

\* Half axle weight is the gross weight upon any one wheel, or wheels, supporting one end of an axle

Any temporary structures used for diversion/dewatering of the Creek shall utilize clean gravel, water bladders, sand bags or other non-erodible material and shall be completely removed from the work area prior to October 1. Downstream flow of the creek shall be maintained at all times.

All construction personnel shall attend Environmental Awareness Training before performing any work on the project.

Provide the Engineer with an attendance list including the printed and signed name of each attendee of the Biological Resource Information training. Provide the Engineer with the attendance list within one working day following each environmental education session. Submit a separate list for each subsequent session for new workers.

Work within streams, wetlands or other bodies of water shall occur between April 15 and October 1. All temporary work items shall be removed from the streams, wetlands or bodies of water before October 1. The streams, wetlands or bodies of water shall be restored to its former condition or equivalent condition, except for the permanent work before October 1. This work includes:

1. Widening of Tassajara Creek Bridge No 33-0015R/L.
2. Storm drain preconstruction activities, including removal of culverts, rock slope protection and concrete slope protection, development of access routes, and construction of temporary creek diversion system.
3. Silt fences will be installed on the slopes adjacent to construction activities to prevent silt and run-off from entering Tassajara Creek.
4. All temporary creek diversion system components shall be removed from creeks prior to October 1.
5. Reconstruction of temporary creek diversion system shall occur only between April 15 to October 1.
6. Any ground disturbance including construction access, at Seasonal Wetland 1 as shown in the Information Handout, USFWS Biological Opinion.
7. All falsework and form work shall be removed at creek locations by October 1.

Attention is directed to "Temporary Fence (Wildlife Exclusion)" of these special provisions. Prior to beginning work, the Temporary Fence (Wildlife Exclusion) shall be installed at locations shown on the plans or as directed by the Engineer.

Attention is directed to "Precast Concrete Quality Control" of these special provisions for quality control requirements that apply to precast girders and piles, Individual Slab Replacement Precast Concrete Panel, and Precast Prestressed Concrete Pavement.

Individual Slab Replacement Precast Concrete Panel work on Lane No. 2 and 3 must be performed on weekends only.

Attention is directed to "Architectural Surface (Textured Concrete)," of these special provisions regarding requirements for preconstruction test panels for concrete texture.

Attention is directed to "Shotcrete," of these special provisions for shotcrete preconstruction requirements.

Prior to the start of paving operations, schedule the operation for cold plane asphalt concrete pavement to ensure placement of both HMA and Rubberized HMA(Gap Graded) layers over entire cold planed areas is completed before October 1, or as determined by the Engineer, of the same year.

The Contractor shall notify the Engineer 10 days in advance of performing any work in the vicinity of existing Service Authority for Freeways and Expressways (SAFE) call boxes.

## **BRIDGE DECK SURFACE TEXTURE**

### **General**

This work includes the longitudinal texturing of new bridge decks including approach slabs.

### **Construction**

#### **General**

For bridge widenings, texture the deck surface longitudinally using longitudinal tining.

After receiving surface texture, portions of surfaces that do not meet the friction requirements of Section 51-1.17, "Finishing Bridge Decks," of the Standard Specifications shall be ground or grooved parallel to the centerline in conformance with the provisions of Section 42, "Groove and Grind Pavement," of the Standard Specifications until the friction criteria are met.

#### **Longitudinal Tining**

Construct the surface texture by longitudinal deck tining.

Perform initial texturing with a burlap drag or broom device that produces striations parallel to the centerline. Perform final texturing with spring steel tines that produce grooves parallel with the centerline.

Construct grooves to within 6 inches of the layout line for the toe of the concrete barrier. The tines must be rectangular in cross section and be from 3/32 to 1/8 inch wide, on 3/4-inch centers, and have enough length, thickness, and resilience to form grooves approximately 3/16 inch deep. Grooves must be from 1/8 to 3/16 inch deep and 3/16 inch wide after concrete has hardened.

For irregular areas and areas inaccessible to the grooving machine, you may hand-construct grooves. Hand-constructed grooves must comply with the specifications for machine-constructed grooves.

Grooving must not cause tearing of the surface or visible separation of coarse aggregate at the surface.

#### **Measurement and Payment**

Full compensation for bridge deck surface texture is included in the contract price paid per cubic yard for the structural concrete item requiring the texturing, and no additional compensation will be allowed therefor.

## BID ITEM LIST

04-2908E4

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	110		
3	023341	TEMPORARY FENCE (WILDLIFE EXCLUSION)	LF	22,600		
4	074016	CONSTRUCTION SITE MANAGEMENT	LS	LUMP SUM	LUMP SUM	
5	074019	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	LUMP SUM	LUMP SUM	
6	074029	TEMPORARY SILT FENCE	LF	5,540		
7	074033	TEMPORARY CONSTRUCTION ENTRANCE	EA	10		
8	074034	TEMPORARY COVER	SQYD	1,000		
9	074038	TEMPORARY DRAINAGE INLET PROTECTION	EA	85		
10	074041	STREET SWEEPING	LS	LUMP SUM	LUMP SUM	
11	074042	TEMPORARY CONCRETE WASHOUT (PORTABLE)	LS	LUMP SUM	LUMP SUM	
12	074056	RAIN EVENT ACTION PLAN	EA	83	500.00	41,500.00
13	074057	STORM WATER ANNUAL REPORT	EA	4	2,000.00	8,000.00
14	074058	STORM WATER SAMPLING AND ANALYSIS DAY	EA	63		
15	023342	WATER QUALITY MONITORING REPORT	EA	10		
16	023343	WATER QUALITY SAMPLING AND ANALYSIS DAY	EA	50		
17	090105	TIME-RELATED OVERHEAD (LS)	LS	LUMP SUM	LUMP SUM	
18	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
19	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
20	120120	TYPE III BARRICADE	EA	4		

## BID ITEM LIST

04-2908E4

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	120150	TEMPORARY PAVEMENT MARKING	SQFT	380		
22	120159	TEMPORARY TRAFFIC STRIPE (PAINT)	LF	410,000		
23	120165	CHANNELIZER (SURFACE MOUNTED)	EA	920		
24	120300	TEMPORARY PAVEMENT MARKER	EA	25,800		
25	129000	TEMPORARY RAILING (TYPE K)	LF	85,000		
26	023344	TEMPORARY RAILING (TYPE K, BART)	LF	2,620		
27	129100	TEMPORARY CRASH CUSHION MODULE	EA	590		
28	023345	ALTERNATIVE TEMPORARY CRASH CUSHION	EA	20		
29	023346	SAFETY CONSTRUCTION FENCE	LF	2,620		
30	141103	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	LF	45,500		
31	BLANK					
32	023347	TEMPORARY CREEK DIVERSION SYSTEM	LS	LUMP SUM	LUMP SUM	
33	148005	NOISE MONITORING	LS	LUMP SUM	LUMP SUM	
34	150204	ABANDON CULVERT (LF)	LF	700		
35	150608	REMOVE CHAIN LINK FENCE	LF	3,290		
36	150662	REMOVE METAL BEAM GUARD RAILING	LF	5,540		
37	023348	REMOVE SINGLE THRIE BEAM BARRIER	LF	130		
38	023349	REMOVE DOUBLE THRIE BEAM BARRIER	LF	2,100		
39	150668	REMOVE FLARED END SECTION	EA	5		
40	150714	REMOVE THERMOPLASTIC TRAFFIC STRIPE	LF	140,000		

**BID ITEM LIST****04-2908E4**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	150715	REMOVE THERMOPLASTIC PAVEMENT MARKING	SQFT	960		
42	150722	REMOVE PAVEMENT MARKER	EA	16,200		
43	150742	REMOVE ROADSIDE SIGN	EA	12		
44	150757	REMOVE SIGN STRUCTURE (EA)	EA	10		
45	150809	REMOVE CULVERT (LF)	LF	5,390		
46	150820	REMOVE INLET	EA	40		
47	150826	REMOVE MANHOLE	EA	1		
48	023350	REMOVE CONCRETE PAVERS	SQYD	130		
49	023351	REMOVE PORTLAND CEMENT CONCRETE PAVEMENT	SQYD	800		
50	023352	REMOVE PORTLAND CEMENT CONCRETE PAVEMENT (PRECAST CONCRETE PANEL)	SQYD	6,370		
51	150859	REMOVE ASPHALT CONCRETE OVERSIDE DRAIN	EA	1		
52	150860	REMOVE BASE AND SURFACING	CY	1,460		
53	023353	RECONSTRUCT CONCRETE BARRIER (TYPE 27A MODIFIED)	LF	9		
54	023354	RECONSTRUCT BART BARRIER	LF	2,570		
55	152386	RELOCATE ROADSIDE SIGN-ONE POST	EA	38		
56	152387	RELOCATE ROADSIDE SIGN-TWO POST	EA	19		
57	152393	RELOCATE ROADSIDE SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	51		
58	152394	RELOCATE SIGN STRUCTURE	EA	2		
59	152430	ADJUST INLET	EA	16		
60	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	145,000		

### BID ITEM LIST

04-2908E4

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
261	023406	RAMP METERING SYSTEM (LOCATION 11)	LS	LUMP SUM	LUMP SUM	
262	023407	RAMP METERING SYSTEM (LOCATION 12)	LS	LUMP SUM	LUMP SUM	
263	BLANK					
264	519100	JOIN SEAL (MR 2")	LF	200		
265	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

**TOTAL BID  
FOR ITEMS:**

\$ \_\_\_\_\_

**TOTAL BID  
FOR TIME:**

\_\_\_\_\_ X  $\frac{\$10,500.00}{\text{COST PER DAY}}$  = \$ \_\_\_\_\_

WORKING DAYS BID

(Not less than 340 days  
And not to exceed 485 days)

**TOTAL BID FOR COMPARISON (COST PLUS TIME):**

\$ \_\_\_\_\_