

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

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*Serious Drought.
Help save water!*

January 7, 2016

08-Riv-10-R74.0/R105.4

08-1E8604

Project ID 0814000115

ACNHPI-010-5(049)E

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN RIVERSIDE COUNTY NEAR DESERT CENTER FROM 1.9 MILES EAST OF CACTUS REST AREA TO 0.4 MILE EAST OF ROUTE 177 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 Tuesday, January 26, 2016.

Project plan sheets 3, 15, 20, 21, 26, 27, 28, 30, 31, 32, 33, 34, 39 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 55, 57, 58, and 60 are replaced and attached for substitution for the like-numbered sheets.

In the *Notice to Bidders*, the following paragraph is added after the ninth paragraph.

"For the Federal training program, the number of trainees or apprentices is 12."

In the *Special Provisions*, Section 1-1.01, the Bid Items and Applicable Sections table is replaced as follows:

Bid Items and Applicable Sections

Item code	Item description	Applicable section
030382	RECONSTRUCT ASPHALT CONCRETE ENTRANCE TAPER	69
030383	TEMPORARY FENCE (TYPE DESERT TORTOISE)	80
030384	VEHICLE SENSOR NODE REPLACEMENT	86

In the *Special Provisions*, Section 8-1.10A is deleted.

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In the Special Provisions, Section 8-1.04C is replaced as attached.

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

In the Special Provisions, Section 12-4.02C is deleted.

In the Special Provisions, Section 12-4.05B is replaced as attached.

In the Special Provisions, Section 12-4.05E is added as attached.

In the Special Provisions, Section 12-8.01, the second paragraph is deleted.

In the Special Provisions, Section 15-2.02B(3)(a), the first paragraph is replaced as follows:

"Schedule cold planing activities to ensure that cold planing, placement of HMA, and reopening the area to traffic is completed during the same work shift."

In the Special Provisions, Section 39-2.01A is deleted.

In the Special Provisions, Section 80-1.07 is added as attached.

In the Special Provisions, Section 80-4 is added as attached.

In the *Bid* book, in the "Bid Item List," Items 6, 25, 43, 45, and 53 are replaced.

In the *Bid* book, in the "Bid Item List," Items 61, 62, 63, 64, and 65 are added.

In the *Bid* book, in the "Bid Item List," Items 23, 54, 55, 59, and 60 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

Inform subcontractors and suppliers as necessary.

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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/08/08-1E8604

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 JOHN BULINSKI
District Director

Attachments

Replace "Reserved" in section 8-1.04C with:

Section 8-1.04B does not apply.

Start job site activities within 55 days after receiving notice that the Contract has been approved by the Attorney General or the attorney appointed and authorized to represent the Department.

Do not start job site activities until the Department authorizes or accepts your submittal for:

1. CPM baseline schedule
2. WPCP
3. Notification of DRA or DRB nominee and disclosure statement

If the submittals for Contractor-supplied biologist and biological resource information program are authorized, you may enter the job site only to measure controlling field dimensions and locate utilities.

Do not start other job site activities until all the submittals from the above list are authorized or accepted by the Engineer.

You may start job site activities before the 55th day after Contract approval if you:

1. Obtain specified authorization or acceptance for each submittal before the 55th day
2. Receive authorization to start

Submit a notice 72 hours before starting job site activities. If the project has more than 1 location of work, submit a separate notice for each location.

Add to section 12-4.02A:

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 Jr., Cesar Chavez Day, Good Friday thru Easter Sunday, Day after Thanksgiving, December 26 thru January 2.

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 2 stationary lane closures will be allowed in each direction of travel at one time. Concurrent stationary closures in the same direction of travel must be spaced no closer than 5 miles apart.

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, close the shoulder area as described.

Replace "Reserved" in section 12-4.05B with:

Chart no. 1 Freeway/Expressway Lane Requirements																									
County: Riverside								Route/Direction: 10/EB								PM: R74.1-R105.4									
Closure limits:																									
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
Mon-Wed	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Thu	1	1	1	1	1	1	1	1	1	1													1	1	1
Fri	1	1	1	1	1	1	1	1	1	1													1	1	1
Sat	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Sun	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Legend:																									
<input type="checkbox"/> 1 Provide at least 1 through freeway lane open in direction of travel <input type="checkbox"/> Work allowed within the highway where shoulder or lane closure is not required																									
REMARKS: Cones shall be removed and all lanes be opened when no work is being done. No day time closure shall be allowed in those sections of the road that the profile grade is not level.																									

Chart no. 2 Freeway/Expressway Lane Requirements																									
County: Riverside								Route/Direction: 10/WB								PM: R74.1-R105.4									
Closure limits:																									
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
Mon-Wed	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Thu	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Fri	1	1	1	1	1	1	1	1	1	1	1						1	1	1	1	1	1	1	1	1
Sat	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Sun	1	1	1	1	1	1	1	1	1	1	1	1	1								1	1	1	1	1
Legend:																									
<input type="checkbox"/> 1 Provide at least 1 through freeway lane open in direction of travel <input type="checkbox"/> Work allowed within the highway where shoulder or lane closure is not required																									
REMARKS: Cones shall be removed and all lanes be opened when no work is being done. No day time closure shall be allowed in those sections of the road that the profile grade is not level.																									

Replace "Reserved" in section 12-4.05E with:

Chart no. 3 Complete Ramp Closure Hours/Ramp Lane Requirements																									
County: Riverside							Route/Direction: 10/EB							PM: 81-R105											
Closure limits:																									
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
Mon-Wed	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Thu-Fri	C	C	C	C	C	C	C	C	C	C													C	C	C
Sat	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Sun	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Legend:																									
<input type="checkbox"/> C Ramp may be closed completely <input type="checkbox"/> Work allowed within the highway where shoulder or lane closure is not required																									
REMARKS:																									

Chart no. 4 Complete Ramp Closure Hours/Ramp Lane Requirements																									
County: Riverside							Route/Direction: 10/WB							PM: 81-R105											
Closure limits:																									
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
Mon-Thu	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Fri	C	C	C	C	C	C	C	C	C	C	C						C	C	C	C	C	C	C	C	C
Sat	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Sun	C	C	C	C	C	C	C	C	C	C	C	C									C	C	C	C	C
Legend:																									
<input type="checkbox"/> C Ramp may be closed completely <input type="checkbox"/> Work allowed within the highway where shoulder or lane closure is not required																									
REMARKS:																									

Add to section 80-1.07 with:

80-1.07A Temporary Fence (Type Desert Tortoise)

80-1.07A(1) General

Section 80-1.07A includes specifications for constructing Temporary Fence (Type Desert Tortoise). Comply with Section 14-6.02

80-1.07A(2) Materials

All materials must conform to Section 80-4.01 except for the following:

Hardware Cloth must have minimum 16-gage wire thickness

Hold-Down Pins must:

1. Be U-shaped, with two 6 inch minimum length legs
2. Have angled leg ends
3. Be 11 gage minimum wire thickness
4. Be galvanized
5. Be commercial quality

80-1.07A(3) Construction

Installation must conform to Section 80-4.01.

The hardware cloth must extend a minimum of 24 inches above the ground and must be folded at a 90° angle towards the tortoise habitat area and fastened to the ground with hold-down pins. Ensure that there is zero to 2 inch ground clearance at the bend. Ensure that the bent horizontal portion of the hardware cloth is lying on the ground. Pins must be completely pushed into the ground.

At locations where the hardware cloth overlaps, the bent portion laying on the ground must have either the barbless wire threaded along the edge of the hardware cloth roll's width, or a minimum of 4 hog rings equally spaced along this edge.

All posts must be plumbed in the vertical position after hardware cloth installation. Ensure that posts and hardware cloth are plumb and taut. Make needed adjust to correct any alignment issues.

Fence that is damaged during the progress of the work must be repaired or replaced at your expense the same day the damage occurs. Repair must be approved.

Dispose of Temporary Fence (Type Desert Tortoise) when no longer required. Fill holes resulting from removal of posts. Compact soil into holes with minimum 8 lb or greater tamper. Restore area to resemble surrounding existing habitat.

80-1.07A(4) Payment

Not Used

**Replace "Reserved" in section 80-4 with:
80-4 SPECIES PROTECTION FENCES**

80-4.01 Desert Tortoise Fence

80-4.01A General

Section 80-4.01 includes specifications for constructing Desert Tortoise Fence. Comply with Section 14-6.02.

80-4.01B Materials

Hardware Cloth must:

1. Comply with ASTM A740
2. Have 1-inch x 2-inch rectangular mesh spacing
3. Have minimum 14-gage wire thickness
4. Have 36 inch width
5. Be welded or woven galvanized steel wire fabric

Barbless wire must:

1. Comply with ASTM A641
2. Have a 14-gauge minimum wire thickness
3. Have zinc coating, Class 1

Steel Posts must:

1. Comply with ASTM F 1083
2. Be 1-inch NPS, Schedule 40 (Standard Weight)
3. Have 4-foot, 8-inch overall length
4. Be galvanized
5. Or, are galvanized steel fence posts conforming to ASTM A702.

Wire ties and hog rings must comply with Section 80-2.02F:

Hold-Down Pins must comply with Section 80-1.07A(2).

80-4.01C Construction

Excavate the ground to form a trench prior to installing posts and hardware cloth. Clear excavated trench of obstructions. Embed posts at 5-foot maximum intervals into the ground. All posts must be plumbed in the vertical position prior to hardware cloth installation. If ASTM A702 posts are used, use 5 foot lengths and embed posts to match above ground post dimension heights as shown.

Fasten the hardware cloth securely to the posts with wire ties and to barbless wire with hog rings as shown. Keep hardware cloth taut between posts prior to fastening. Wire ties must pass through the hardware cloth and encircle the post and barbless wire; finally, to be tied by twisting a minimum of three complete turns. Bend twisted wire ends down to prevent possible snagging. Close hog rings with ends overlapping. The hardware cloth must extend a minimum of 24 inches above the ground and must be buried a minimum of 12 inches into the ground.

Hardware cloth must be installed in continuous lengths. Do not cut hardware cloth rolled length into shorter segments unless directed by the Engineer or as shown.

Hardware cloth segment overlaps must only occur at posts locations. Overlap hardware cloth a minimum of 6-inches centered at a post. Wire tie overlapped hardware cloth to posts as shown. Keep hardware cloth edges from fraying by threading barbless wire along the vertical edges of the hardware cloth on either side of the post or use 3 equally spaced hog rings (6-total per location) along each wire cloth edge.

Where bedrock or caliche substrate is encountered, use bent hardware cloth detail option with the Engineer's approval. Transitions from buried to bent (or bent to buried) configuration will occur at post location with a 6-inch minimum hardware cloth overlap as shown. Bent hardware cloth configuration must be kept to minimum. Maximum spacing for hold-down pins will be 24-inches on center. At the beginning and end corners of the hardware cloth placed on the ground must be anchored in place with hold down pins.

Backfill the removed earth material into the trench created to install hardware cloth and posts. Use an 8 lb. or heavier hand tamper to compact backfill around posts and hardware cloth. Ensure that posts and hardware cloth are plumb and taut. Make needed adjusts to correct any post or hardware cloth alignment issues.

At corners or end of hardware cloth runs, a post must be installed.

Fence that is damaged during the progress of the work must be repaired or replaced at your expense the same day the damage occurs. Repair must be approved by the Engineer.

If gate must be installed, conform to Section 80-10, attach hardware cloth to gate frame to that there is contact along entire gate length between finished ground surface and lower edge of hardware cloth.

80-4.01D Payment

Not Used

BID ITEM LIST
08-1E8604

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	090100	TIME-RELATED OVERHEAD (WDAY)	WDAY	430		
4	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
5	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
6	120159	TEMPORARY TRAFFIC STRIPE (PAINT)	LF	3,140,000		
7	120165	CHANNELIZER (SURFACE MOUNTED)	EA	20		
8	128651	PORTABLE CHANGEABLE MESSAGE SIGN (EA)	EA	4		
9	129000	TEMPORARY RAILING (TYPE K)	LF	10,800		
10	129100	TEMPORARY CRASH CUSHION MODULE	EA	28		
11	130100	JOB SITE MANAGEMENT	LS	LUMP SUM	LUMP SUM	
12	130200	PREPARE WATER POLLUTION CONTROL PROGRAM	LS	LUMP SUM	LUMP SUM	
13	130560	TEMPORARY SOIL BINDER	SQYD	20,000		
14	130570	TEMPORARY COVER	SQYD	20,000		
15	130640	TEMPORARY FIBER ROLL	LF	20,000		
16	130650	TEMPORARY GRAVEL BAG BERM	LF	1,000		
17	130710	TEMPORARY CONSTRUCTION ENTRANCE	EA	6		
18	130730	STREET SWEEPING	LS	LUMP SUM	LUMP SUM	
19	130900	TEMPORARY CONCRETE WASHOUT	LS	LUMP SUM	LUMP SUM	
20	140003	ASBESTOS COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	

**BID ITEM LIST
08-1E8604**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	141120	TREATED WOOD WASTE	LB	268,600		
22	150771	REMOVE ASPHALT CONCRETE DIKE	LF	67,900		
23	BLANK					
24	152299	RESET MILEPOST MARKER	EA	3		
25	152303	RESET MARKERS AND DELINEATORS	EA	91		
26	152316	RESET ROADSIDE SIGN (ONE POST)	EA	190		
27	152317	RESET ROADSIDE SIGN (TWO POST)	EA	13		
28	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	1,623,000		
29	153215	REMOVE CONCRETE (CURB AND GUTTER)	LF	2,850		
30	160102	CLEARING AND GRUBBING (LS)	LS	LUMP SUM	LUMP SUM	
31	190185	SHOULDER BACKING	TON	45,400		
32	198010	IMPORTED BORROW (CY)	CY	3,440		
33	390100	PRIME COAT	TON	67		
34	390132	HOT MIX ASPHALT (TYPE A)	TON	576,000		
35	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	170,300		
36	394050	RUMBLE STRIP	STA	6,520		
37	394060	DATA CORE	LS	LUMP SUM	LUMP SUM	
38	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	870		
39	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	61,900		
40	394077	PLACE HOT MIX ASPHALT DIKE (TYPE F)	LF	5,450		

BID ITEM LIST
08-1E8604

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	SQYD	860		
42	397005	TACK COAT	TON	440		
43	030382	RECONSTRUCT ASPHALT CONCRETE ENTRANCE TAPER	EA	47		
44	030383	TEMPORARY FENCE (TYPE DESERT TORTOISE)	LF	11,000		
45	820107	DELINEATOR (CLASS 1)	EA	1,190		
46	832007	MIDWEST GUARDRAIL SYSTEM (WOOD POST)	LF	22,300		
47	832017	MIDWEST GUARDRAIL SYSTEM (8' POST)	LF	12,000		
48	832070	VEGETATION CONTROL (MINOR CONCRETE)	SQYD	26,500		
49	839581	END ANCHOR ASSEMBLY (TYPE SFT)	EA	112		
50	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	87		
51	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	55		
52	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	4,100		
53	840560	THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)	LF	1,050,000		
54	BLANK					
55	BLANK					
56	850101	PAVEMENT MARKER (NON-REFLECTIVE)	EA	28,100		
57	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	15,200		
58	860090	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LS	LUMP SUM	LUMP SUM	
59	BLANK					
60	BLANK					

**BID ITEM LIST
08-1E8604**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61	030384	VEHICLE SENSOR NODE REPLACEMENT	LS	LUMP SUM	LUMP SUM	
62	120149	TEMPORARY PAVEMENT MARKING (PAINT)	SQFT	12,100		
63	151296	SALVAGE GUARDRAIL	LF	24,500		
64	390011	PREPAVING INERTIAL PROFILER	LS	LUMP SUM	LUMP SUM	
65	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID:

\$
