

DEPARTMENT OF TRANSPORTATION

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Note: Addenda information is NOT included with the electronic documents available via electronic file transfer. Only bidder or non-bidder package holders listed with the Caltrans Plans and Bid Documents section as described above will receive addenda information.

September 13, 2002

06-Mad-99-R12.0/15.4
06-462004
ACNH-P099(446)E

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in MADERA COUNTY NEAR MADERA FROM AVENUE 12 OVERCROSSING TO GATEWAY DRIVE 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 September 24, 2002.

This addendum is being issued to revise the Project Plans, the Notice to Contractors and Special Provisions, the Proposal and Contract, and the Federal Minimum Wages with Modification Number 16 dated 9-6-02. A copy of the modified wage rates are available for the contractor's use on the Internet Site:

http://www.dot.ca.gov/hq/esc/oe/weekly_ads/addendum_page.html

Project Plan Sheet 2 is revised as follows:

"For the "NORTHBOUND" direction "COLD PLANE AC Pvmt (125 mm)" and "125 mm AC (TYPE A)" is changed to "COLD PLANE AC Pvmt (130 mm)" and "130 mm AC (TYPE A)".

Project Plan Sheet 3 is revised as follows:

"For the "NORTHBOUND" direction "COLD PLANE AC Pvmt (125 mm)" and "125 mm AC (TYPE A)" is changed to "COLD PLANE AC Pvmt (130 mm)" and "130 mm AC (TYPE A)".

Project Plan Sheet 7 is revised as follows:

"Detail "CRACKS WIDER THAN 25 mm" is deleted. Detail name "CRACKS LESS THAN 25 mm WIDE" is changed to "CRACKS 6 mm OR WIDER".

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Project Plan Sheet 14 is revised by replacing the COLD PLANE ASPHALT CONCRETE PAVEMENT summary with the following:

DIRECTION	LOCATION	KP TO KP	125 mm	90 mm	45 mm	130 mm
			m ²	m ²	m ²	m ²
NORTHBOUND	LANE No. 1 & No. 2	R12.00 TO 15.40				24 840
	OUTSIDE SHOULDER	R12.00 TO 15.40		15 480		
	Ave 12 ON RAMP	R12.04 TO R12.31			3016	
SOUTHBOUND	LANE No. 1	R12.00 TO 15.40	12 420			
	GATEWAY Dr ON RAMP	15.08 TO 15.43			1700	
TOTAL			12 420	15 480	4416	24 840

Project Plan Sheet 14 is also revised as follows:

"In the ASPHALT CONCRETE summary the quantities of AC for Northbound for both LANE No. 1 and LANE No. 2 are revised from 3726 TONNE to 3876 TONNE, and the TOTAL is revised to 32272.9 TONNE."

In the Special Provisions, Section 5-1.15, "AERIALY DEPOSITED LEAD" and Section 10-1.175, "MATERIAL CONTAINING AERIALY DEPOSITED LEAD," are added as attached.

In the Proposal and Contract, the Engineer's Estimate Items 10 and 17 are revised, Items 31, 32, and 33 are added and Item 30 is deleted as attached.

To Proposal and Contract book holders:

Replace the entire Engineer's Estimate in the Proposal with the attached revised Engineer's Estimate. The revised Engineer's Estimate is to be used in the bid.

Attached is a copy of the Material Information.

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the proposal.

Submit bids in the Proposal and Contract 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.

This office is sending this addendum by UPS overnight mail to Proposal and Contract book holders to ensure that each receives it.

If you are not a Proposal and Contract 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

Attachments

5-1.15 AERIALLY DEPOSITED LEAD

Aerially deposited lead is present within the project limits. Aerially deposited lead is lead deposited within unpaved areas or formerly unpaved areas, primarily due to vehicle emissions.

Attention is directed to "Material Containing Aerially Deposited Lead" of these special provisions.

Portions of the Site Investigation Report are included in the "Material Information" handout. The complete report, entitled "IT Corporation Site Investigation Report," is available for inspection at the Department of Transportation, 3402 North Blackstone, Suite 201, Fresno, CA.

Aerially deposited lead is typically found within the top 0.6-m of material in unpaved areas within the highway right of way. Levels of lead found near the project limits range from less than 0 to 2150 mg/kg total lead with an average concentration of 50 mg/kg total lead, as analyzed by EPA Test Method 6010 or EPA Test Method 7000 series.

The Department has received from the California Department of Toxic Substances Control (DTSC) a Variance regarding the use of material containing aerially deposited lead. This project is subject to the conditions of the Variance, as amended. The Variance is available for inspection at the Department of Transportation, 3402 North Blackstone, Suite 201, Fresno, CA.

Once the Contractor has completed the placement of material containing aerially deposited lead in conformance with these special provisions and as directed by the Engineer, the Contractor shall have no responsibility for such materials in place. The Department will not consider the Contractor a generator of such contaminated materials. Further cleanup, removal or remedial actions for such materials will not be required if handled or disposed of as specified herein.

Excavation, reuse, and disposal of material with aerially deposited lead shall be in conformance with all rules and regulations including, but not limited to, those of the following agencies:

- United States Department of Transportation (USDOT)
- United States Environmental Protection Agency (USEPA)
- California Environmental Protection Agency (Cal-EPA)
- California Department of Health Services
- Department of Toxic Substances Control (DTSC), Region North
- California Division of Occupational Safety and Health Administration (Cal-OSHA)
- Integrated Waste Management Board
- Regional Water Quality Control Board (RWQCB), Region 5
- State Air Resources Control Board
- San Joaquin Valley Air Quality Management District (AQMD)

Materials containing hazardous levels of lead shall be transported and disposed of in conformance with Federal and State laws and regulations, as amended, and county and municipal ordinances and regulations, as amended. Laws and regulations that govern this work include, but are not limited to:

- Health and Safety Code, Division 20, Chapter 6.5 (California Hazardous Waste Control Act)
- Title 22, California Code of Regulations, Division 4.5 (Environmental Health Standards for the Management of Hazardous Waste)
- Title 8, California Code of Regulations

10-1.175 MATERIAL CONTAINING AERIALY DEPOSITED LEAD

Earthwork involving materials containing aerially deposited lead shall conform to the provisions in "Earthwork" and this section "Material Containing Aerially Deposited Lead" of these special provisions.

Attention is directed to "Aerially Deposited Lead" of these special provisions.

LEAD COMPLIANCE PLAN

The Contractor shall prepare a project specific Lead Compliance Plan to prevent or minimize worker exposure to lead while handling material containing aerially deposited lead. Attention is directed to Title 8, California Code of Regulations, Section 1532.1, "Lead," for specific Cal-OSHA requirements when working with lead.

The Lead Compliance Plan shall contain the elements listed in Title 8, California Code of Regulations, Section 1532.1(e)(2)(B). Before submission to the Engineer, the Lead Compliance Plan shall be approved by an Industrial Hygienist certified in Comprehensive Practice by the American Board of Industrial Hygiene. The Plan shall be submitted to the Engineer for review and acceptance at least 15 days prior to beginning work in areas containing aerially deposited lead.

The Lead Compliance Plan shall include perimeter air monitoring incorporating upwind and downwind locations as shown on the plans or as approved by the Engineer. Monitoring shall be by personal air samplers using National Institute of Safety and Health (NIOSH) Method 7082. Sampling shall achieve a detection limit of $0.05\mu\text{g}/\text{m}^3$ of air per day. Daily monitoring shall take place while the Contractor clears and grubs and performs earthwork operations. A single representative daily sample shall be analyzed for lead. Results shall be analyzed and provided to the Engineer within 24 hours. Average lead concentrations shall not exceed $1.5\mu\text{g}/\text{m}^3$ of air per day. If concentrations exceed this level the Contractor shall stop work and modify the work to prevent release of lead. Monitoring shall be done under the direction of and data reviewed by and signed by a Certified Industrial Hygienist.

The Contractor shall not work in areas containing aerially deposited lead within the project limits, unless authorized in writing by the Engineer, until the Engineer has accepted the Lead Compliance Plan.

Prior to performing work in areas containing aerially deposited lead, personnel who have no prior training or are not current in their training status, including State personnel, shall complete a safety training program provided by the Contractor. The safety training program shall meet the requirements of Title 8, California Code of Regulations, Section 1532.1, "Lead."

Personal protective equipment, training, and washing facilities required by the Contractor's Lead Compliance Plan shall be supplied to State personnel by the Contractor. The number of State personnel will be 2.

The Engineer will notify the Contractor of acceptance or rejection of any submitted or revised Lead Compliance Plan not more than 10 days after submittal of the plan.

The contract lump sum price paid for Lead Compliance Plan shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in preparing the Lead Compliance Plan, including paying the Certified Industrial Hygienist, and for providing personal protective equipment, training and medical surveillance, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

**ENGINEER'S ESTIMATE
06-462004**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	074017	PREPARE WATER POLLUTION CONTROL PROGRAM	LS	LUMP SUM	LUMP SUM	
2	074020	WATER POLLUTION CONTROL	LS	LUMP SUM	LUMP SUM	
3 (S)	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
4 (S)	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
5 (S)	128650	PORTABLE CHANGEABLE MESSAGE SIGN	LS	LUMP SUM	LUMP SUM	
6	150769	REMOVE ASPHALT CONCRETE	M3	5410		
7	150771	REMOVE ASPHALT CONCRETE DIKE	M	1330		
8	152316	RESET ROADSIDE SIGN (ONE POST)	EA	7		
9 (S)	153153	COLD PLANE ASPHALT CONCRETE PAVEMENT (45 MM MAXIMUM)	M2	4720		
10 (S)	029758	COLD PLANE ASPHALT CONCRETE PAVEMENT (125 MM MAXIMUM)	M2	12 500		
11 (S)	029759	COLD PLANE ASPHALT CONCRETE PAVEMENT (90 MM MAXIMUM)	M2	15 500		
12	153214	REMOVE CONCRETE CURB	M	980		
13	160101	CLEARING AND GRUBBING	LS	LUMP SUM	LUMP SUM	
14	190101	ROADWAY EXCAVATION	M3	1250		
15	374206	SEAL RANDOM CRACKS	LNKM	11		
16	390095	REPLACE ASPHALT CONCRETE SURFACING	M3	1900		
17	390152	ASPHALT CONCRETE	TONN	32 300		
18	394002	PLACE ASPHALT CONCRETE (MISCELLANEOUS AREA)	M2	170		
19	394048	PLACE ASPHALT CONCRETE DIKE (TYPE E)	M	1300		
20	394050	RUMBLE STRIP	STA	130		

**ENGINEER'S ESTIMATE
06-462004**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	397001	ASPHALTIC EMULSION (PAINT BINDER)	TONN	59		
22	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	M3	220		
23 (S)	820107	DELINEATOR (CLASS 1)	EA	31		
24	029760	CAP REINFORCED CONCRETE MEDIAN BARRIER	M3	40		
25 (S)	840513	PROFILED THERMOPLASTIC TRAFFIC STRIPE	M	16 300		
26 (S)	840563	200 MM THERMOPLASTIC TRAFFIC STRIPE	M	450		
27 (S)	840570	100 MM THERMOPLASTIC TRAFFIC STRIPE (BROKEN 10.98 M - 3.66 M)	M	7400		
28 (S)	840571	100 MM THERMOPLASTIC TRAFFIC STRIPE (BROKEN 5.18 M - 2.14 M)	M	150		
29 (S)	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	950		
30	BLANK					
31	029956	COLD PLANE ASPHALT CONCRETE PAVEMENT (130 MM MAXIMUM)	M2	24 900		
32	1901101	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
33	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID: _____