

DEPARTMENT OF TRANSPORTATION

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October 30, 2003

04-Sol-80-20.7/24.8
04-0T16U4
ACIM-080-2(342)N

Addendum No. 2

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in SOLANO COUNTY IN FAIRFIELD FROM ROUTE 680/80 SEPARATION TO 0.7 KM WEST OF ROUTE 12/80 CONNECTOR 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 November 5, 2003.

This addendum is being issued to revise the Project Plans, the Notice to Contractors and Special Provisions, and the Proposal and Contract.

Project Plan Sheet 181 is revised as follows:

In the Station Limits list for seal random cracks, the beginning station for Sheet L-6 is changed from W 47+40 to W 74+40.

In the Special Provisions, Section 10-1.81, "SEAL RANDOM CRACKS," is added as attached.

In the Proposal and Contract, the Engineer's Estimate Items 44 are renumbered 44 and 45 respectively.

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To Proposal and Contract book holders:

Replace page 5 of the Engineer's Estimate in the Proposal with the attached revised page. The revised Engineer's Estimate is to be used in the bid.

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 confirmed facsimile to all book holders to ensure that each receives it. A copy of this addendum and 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

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

10-1.81 SEAL RANDOM CRACKS IN EXISTING SURFACING

Cracks in existing asphalt concrete surfacing of traffic lanes and shoulders shall be prepared and filled with crack sealant and covered with sand and aggregate as shown on the plans and in conformance with these special provisions.

Cracks 6 mm wide and wider in existing asphalt concrete surfacing and shoulders shall be prepared and sealed. Limits of lanes and shoulders to be prepared and sealed shall be as designated on the plans or directed by the Engineer.

The Contractor shall provide the Engineer with a Certificate of Compliance conforming to the provisions in Section 6-1.07, "Certificate of Compliance," of the Standard Specifications for each shipment of crack sealant. The certificate shall certify that the sealant conforms to the specifications, and shall be accompanied with storage and heating instructions and cautions for the material.

MATERIALS

Modified asphalt crack sealant shall be a mixture of paving asphalt and ground rubber or ground rubber and polymer. The gradation of the ground rubber shall be such that 100 percent will pass a 2.36-mm sieve.

Modified asphalt crack sealant shall conform to the following requirements:

Test	ASTM Designation	Requirements
Softening Point	D 36	82°C min.
Cone Penetration @ 25°C	D 5329	30 dmm, min.
Resilience @ 25°C	D 3407	40 percent min.
Flow	D 3407	3 mm max.

Modified asphalt crack sealant material shall be furnished premixed in containers with an inside liner of polyethylene. Packaged material shall not exceed 30 kg in mass.

Modified asphalt crack sealant material shall be capable of being melted and applied to cracks at temperatures below 204°C. When heated, it shall readily penetrate cracks 6 mm wide or wider.

Cracks that are 25 mm wide or wider shall be filled with sealant flush with the existing asphalt concrete surfacing and shoulders. While the sealant is still hot, these cracks shall be covered with crushed aggregate conforming to the provisions for Type II slurry seal in Section 37-2.02C, "Aggregate," of the Standard Specifications and compacted with a wetted steel wheel roller or vibrating plate compactor large enough to compact the sealant to the cross section shown on the plans.

PREPARATION

Cracks to be filled and adjacent asphalt concrete surfacing shall be cleaned and shall be free of dirt, vegetation, debris and loose sealant. Cleaning shall be done by air blasting. Old sealant which protrudes above the asphalt concrete surfacing shall be completely removed. Routing will not be required.

When moisture is present, hot compressed air or other means, approved by the Engineer, shall be used to clean and dry the crack immediately prior to application of crack sealant.

APPLICATION

Crack sealant shall be applied only after the cracks and adjacent asphalt concrete surfacing have been cleaned and dried.

Crack sealant material shall be spread with a nozzle or device approved for use by the Engineer and be placed within the specified temperature range and to the dimensions shown on the plans.

Cracks shall be squeegeed as necessary after application of the crack sealant material.

Within 2 days after application of sealant, sealed cracks that reopen or in which the sealant material sags below the surrounding asphalt concrete surfacing and shoulders shall be resealed.

MEASUREMENT AND PAYMENT

Seal random cracks will be measured by lane-kilometer, from actual measurement along the edge of each paved lane, parallel with the gradient of the pavement, or by lane length calculated using kilometer-post designations, as determined by the Engineer.

The contract price paid per lane-kilometer for seal random cracks shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in sealing random cracks, complete in place, including furnishing and applying sand and aggregate and for brooming excessive sand and aggregate as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

Full compensation for cleaning and sealing random cracks in adjacent paved shoulders shall be considered as included in the contract price paid per lane-kilometer for seal random cracks and no additional compensation will be allowed therefor.

**ENGINEER'S ESTIMATE
04-0T16U4**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	150805	REMOVE CULVERT	EA	8		
42	150820	REMOVE INLET	EA	14		
43	150859	REMOVE ASPHALT CONCRETE OVERSIDE DRAIN	EA	13		
44	151266	SALVAGE DOUBLE THRIE BEAM BARRIER	M	220		
45	151272	SALVAGE METAL BEAM GUARD RAILING	M	570		
46	152430	ADJUST INLET	EA	4		
47 (S)	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	M2	8900		
48	153210	REMOVE CONCRETE	M3	180		
49	153221	REMOVE CONCRETE BARRIER	M	550		
50	155003	CAP INLET	EA	3		
51	157551	BRIDGE REMOVAL, LOCATION A	LS	LUMP SUM	LUMP SUM	
52	157552	BRIDGE REMOVAL, LOCATION B	LS	LUMP SUM	LUMP SUM	
53	157553	BRIDGE REMOVAL, LOCATION C	LS	LUMP SUM	LUMP SUM	
54	158100	SALVAGE CRASH CUSHION	EA	1		
55	160101	CLEARING AND GRUBBING	LS	LUMP SUM	LUMP SUM	
56	170101	DEVELOP WATER SUPPLY	LS	LUMP SUM	LUMP SUM	
57	190101	ROADWAY EXCAVATION	M3	22 000		
58	190103	ROADWAY EXCAVATION (TYPE Y) (AERIALY DEPOSITED LEAD)	M3	5600		
59	190110	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
60 (F)	192020	STRUCTURE EXCAVATION (TYPE D)	M3	95		