

DEPARTMENT OF TRANSPORTATION

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August 16, 2002

07-LA-60-R3.2/R4.5
07-002104
ACNH-P060(119)E

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in LOS ANGELES COUNTY NEAR LOS ANGELES FROM 0.1 KM EAST OF INDIANA STREET OVERCROSSING TO 0.1 KM EAST OF SUNOL DRIVE UNDERCROSSING.

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 August 29, 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 11 dated 8-9-02. 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

On Project Plan Sheet No. 9, under the detail for "**EB ROUTE 60** STA 43+80.098 TO STA 44+50.336 – Sound Wall No. 44 LOL," the callout "Concrete Barrier (Type 736 SV)" is revised to "Concrete Barrier (Type 736A MOD)."

On Project Plan Sheet No. 39, under the quantity table "SOUND WALL ITEMS," heading "CONCRETE BARRIER (TYPE 736A MODIFIED)" is revised to "CONCRETE BARRIER (TYPE 736 MODIFIED)."

On Project Plan Sheet No. 122, under "DESIGN NOTES," under the heading "CONCRETE MASONRY, HIGH STRENGTH," "fm=5.9 MPa" is revised to "fm=5.7 Mpa."

In the Special Provisions, Section 9, "DESCRIPTION OF BRIDGE WORK," is replaced with the following:

"SECTION 9. DESCRIPTION OF BRIDGE WORK

The bridge work to be done consists, in general, of constructing one bridge widening as shown on the plans and briefly described as follows:

**Sunol Drive Undercrossing
(Bridge No. 53-0772)**

An existing three-span reinforced concrete box girder bridge approximately 48 meters in length is to be widened by approximately 7.0 meters with a reinforced concrete box girder with sound wall masonry block mounted on concrete barrier. Install two size 103 fiberglass communication conduits in the bridge girder box and install lighting conduit, pull box and flush soffit luminaire in the bridge deck."

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In the Special Provisions, Section 10-1.13, "MAINTAINING TRAFFIC," in the table "SUNOL DRIVE UC (Bridge No. 53-0772)," under the column heading "Spacing," "9 staggered space" is revised to read "9 staggered 1/2 space."

In the Special Provisions, Section 10-1.21, "EXISTING HIGHWAY FACILITIES," subsection "MODIFY SIGN STRUCTURE," the fourth through eleventh paragraphs, inclusive are deleted.

In the Special Provisions, Section 10-1.21, "EXISTING HIGHWAY FACILITIES," subsection "MODIFY SIGN STRUCTURE," the subsections "BRIDGE REMOVAL (PORTION)" and "REMOVE CONCRETE," are added after the third paragraph as attached.

In the Special Provisions, Section 10-1.29, "PILING," subsection "MEASUREMENT AND PAYMENT (PILING)," the second paragraph is revised as follows:

"Full compensation for conforming to the handling, removal, hauling and disposal of Type Z-2 material resulting from drilling holes for 400 mm cast-in-drilled-hole concrete piling at the Sunol Drive Undercrossing, Bridge No. 53-0772, shall be considered as included in the contract price paid per meter for 400 mm cast-in-drilled-hole concrete piling, and no separate payment will be made therefor."

In the Special Provisions, Section 10-1.42, "MISCELLANEOUS METAL (BRIDGE)" the following heading title is added after the third paragraph:

"10-1.425 METAL BEAM GUARD RAILING"

In the Proposal and Contract, the Engineer's Estimate Item 25 is revised, as attached.

To Proposal and Contract book holders:

Replace page 4 of the Engineer's Estimate in the Proposal with the attached revised page 4 of the Engineer's Estimate. 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.

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

BRIDGE REMOVAL (PORTION)

Removing portions of bridge shall conform to the provisions in Section 15-4, "Bridge Removal," of the Standard Specifications and these special provisions.

Attention is directed to "Materials Containing Aerially Deposited Lead" of these special provisions for the Type Z-2 material resulting from the bridge removal (portion) work as shown on the plans.

Bridge Removal (Portion) at Sunol Drive Undercrossing (Bridge No. 53-0772) shall include concrete barrier, overhang, upper portions of wingwalls, metal bridge railing, and closure walls as shown on the plans.

Removed materials that are not to be salvaged or used in the reconstruction shall become the property of the Contractor and shall be disposed of in conformance with the provisions in Section 7-1.13, "Disposal of Material Outside the Highway Right of Way," of the Standard Specifications.

The following additional requirements apply to the removal of portions of bridges whenever the removal work is to be performed over public traffic:

- A. A protective cover supported by falsework or members of the existing structure shall be constructed before beginning bridge removal work.
- B. The construction and removal of the protective cover and the installation and removal of temporary railings shall conform to the requirements under "Order of Work" "Maintaining Traffic" and "Temporary Railings" of these special provisions.
- C. The protective cover shall prevent any materials, equipment, or debris from falling onto the public traffic. The protective cover shall have a minimum strength equivalent to that provided by good, sound Douglas fir planking having a nominal thickness of 50 mm. Additional layers of material shall be furnished as necessary to prevent fine materials or debris from sifting down upon the traveled way and shoulders.
- D. The protective cover shall conform to the provisions for falsework in Section 51-1.06, "Falsework," of the Standard Specifications.
- E. The Contractor shall be responsible for designing and constructing a safe and adequate protective cover, and shoring and falsework needed to support the protective cover, all with sufficient strength and rigidity to support the entire load to be imposed.
- F. Bridge removal methods shall be described in the working drawings and calculations in sufficient detail to substantiate live loads used in the protective cover design. Dead and live load values assumed for designing the protective cover shall be shown on the working drawings.
- G. At locations where the bridge railing is to be removed, the protective cover shall extend from the face of the exterior girder or at least 0.6-m inside of the bridge railing to be removed, whichever is less, to at least 1.2 m beyond the outside face of the bridge railing.
- H. The protective cover shall extend at least 3 m beyond the outside face of the bridge railing, except that, at locations where the bridge railing is to be removed and new girders are not constructed, the protective cover shall extend from the face of the exterior girder or at least 0.6-m inside of the bridge railing to be removed, whichever is less, to at least 1.2 m beyond the outside face of the bridge railing.
- I. During the removal of bridge segments, and when portions of the bridge, such as deck slabs or box girder slabs, comply with the requirements for the protective cover, a separate protective cover need not be constructed.
- J. Before removal, the protective cover shall be cleaned of all debris and fine material.
- K. The protective cover shall provide the openings specified under "Maintaining Traffic" of these special provisions, except that when no openings are specified for bridge removal a vertical opening of 4.6 m and a horizontal opening of 9.8 m shall be provided for the passage of public traffic.
- L. Falsework or supports for protective cover shall not extend below the vertical clearance level nor to the ground line at any location within the roadbed.
- M. The construction of the protective cover as specified herein shall not relieve the Contractor of responsibilities specified in Section 7-1.12A, "Indemnification," and Section 7-1.12B, "Insurance," of the Standard Specifications.

Full compensation for conforming to the handling, removal, hauling and disposal of Type Z-2 material resulting from bridge removal (portion) shall be considered as included in the lump sum price paid for bridge removal (portion), and no separate payment will be made therefor.

REMOVE CONCRETE

Concrete curb, where shown on the plans to be removed, shall be removed.

Removing concrete curb will be measured by the meter, measured along the curb before removal operations.

Concrete removed shall be disposed of outside the highway right of way in conformance with the provisions in Section 7-1.13, "Disposal of Material Outside the Highway Right of Way," of the Standard Specifications.

Where no joint exists between concrete to be removed and concrete to remain in place, the concrete shall be cut on a neat line to a minimum depth of 50 mm with a power driven saw before the concrete is removed.

**ENGINEER'S ESTIMATE
07-002104**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	157560	BRIDGE REMOVAL (PORTION)	LS	LUMP SUM	LUMP SUM	
22	160101	CLEARING AND GRUBBING	LS	LUMP SUM	LUMP SUM	
23	190105	ROADWAY EXCAVATION (TYPE Z-2) (AERIALY DEPOSITED LEAD)	M3	590		
24	190110	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
25 (F)	192053	STRUCTURE EXCAVATION (TYPE Z-2) (AERIALY DEPOSITED LEAD)	M3	541		
26 (F)	193003	STRUCTURE BACKFILL (BRIDGE)	M3	177		
27 (F)	193013	STRUCTURE BACKFILL (RETAINING WALL)	M3	253		
28	193031	PERVIOUS BACKFILL MATERIAL (RETAINING WALL)	M3	28		
29	198001	IMPORTED BORROW	M3	47		
30 (S)	200001	HIGHWAY PLANTING	LS	LUMP SUM	LUMP SUM	
31 (S)	204099	PLANT ESTABLISHMENT WORK	LS	LUMP SUM	LUMP SUM	
32 (S)	208000	IRRIGATION SYSTEM	LS	LUMP SUM	LUMP SUM	
33	208038	NPS 3 SUPPLY LINE (BRIDGE)	M	68		
34	260301	CLASS 3 AGGREGATE BASE	M3	90		
35	390103	ASPHALT CONCRETE (TYPE B)	TONN	840		
36 (S)	490655	400 MM CAST-IN-DRILLED-HOLE CONCRETE PILING	M	445		
37	498024	400 MM CAST-IN-DRILLED-HOLE CONCRETE PILING (BARRIER)	M	1090		
38 (F)	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	M3	50		
39 (F)	510053	STRUCTURAL CONCRETE, BRIDGE	M3	305		
40 (F)	510086	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	M3	39		