

DEPARTMENT OF TRANSPORTATION

ES-OE MS #43
1727 30TH Street, 2ND Floor
Sacramento, CA 95816



April 26, 2001

08-Riv-91-18.0/28.5 KP
08-4353U4
ACNH-P091(104)E

Addendum No. 3

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in RIVERSIDE COUNTY IN RIVERSIDE FROM 0.1 km EAST OF MAGNOLIA AVENUE UNDERCROSSING TO 0.3 km EAST OF BROCKTON AVENUE 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 May 10, 2001, instead of the original date of April 19, 2001. The original bid opening date was previously postponed until sometime in May 2001, under Addendum No. 2 dated April 18, 2001.

This addendum is being issued to set a new bid opening date as shown herein and to revise the Project Plans and the Notice to Contractors and Special Provisions, and the Federal Minimum Wages with Modification Number 4 dated 4-13-01. 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 Sheets 95 and 96 are revised. A half-sized copy of the revised sheets are attached for substitution for the like-numbered sheets.

In the Special Provisions, "TABLE OF CONTENTS," a list of standard plans is added at the end as attached.

In the Special Provisions, under the "NOTICE TO CONTRACTORS," the tenth paragraph is deleted.

In the Special Provisions, Section 10-1.01, "ORDER OF WORK," the construction operation number 3 under the ninth paragraph is revised as follows:

"3. Stage 3 as shown on the stage construction sheets of the plans shall be the next order of work. Stage 3 may not proceed until Stage 2 is completed or as directed by the Engineer. Stage 3 work shall be limited to construction of one auxiliary lane per direction at any one time, unless otherwise approved, in writing, by the Engineer. The existing HOV lane and 3 mixed-flow lanes in each direction shall be opened during this stage."

In the Special Provisions, Section 10-1.01, "ORDER OF WORK," the sixteenth paragraph is deleted.

In the Special Provisions, Section 10-1.38, "CONCRETE STRUCTURES," the subtitle "SLIP FORM METHOD FOR CONSTRUCTING RETAINING WALLS," as attached is added before the subtitle "COST REDUCTION PROPOSALS FOR CAST-IN-PLACE PRESTRESSED BOX GIRDER BRIDGES."

Addendum No. 3
Page 2
April 26, 2001

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To Proposal and Contract book holders:

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
Plans, Specifications & Estimates Branch
Office of Office Engineer

Attachments

STANDARD PLANS LIST

The Standard Plan sheets applicable to this contract include, but are not limited to those indicated below. Applicable Revised Standard Plans (RSP) and New Standard Plans (NSP) indicated below are included in the project plans as individual Standard Plan sheets.

A10A	Abbreviations
A10B	Symbols
A20A	Pavement Markers and Traffic Lines, Typical Details
A20B	Pavement Markers and Traffic Lines, Typical Details
A20C	Pavement Markers and Traffic Lines, Typical Details
A20D	Pavement Markers and Traffic Lines, Typical Details
A24A	Pavement Markings - Arrows
A24C	Pavement Markings - Symbols and Numerals
A24D	Pavement Markings - Words
A24E	Pavement Markings - Words and Crosswalks
A35B	Portland Cement Concrete Pavement (Doweled Transverse Joints)
A35C	Portland Cement Concrete Pavement Joint and End Anchor Details
A62A	Excavation and Backfill - Miscellaneous Details
A62B	Limits of Payment for Excavation and Backfill - Bridge Surcharge and Wall
A62C	Limits of Payment for Excavation and Backfill - Bridge
A62D	Excavation and Backfill - Concrete Pipe Culverts
A73A	Object Markers
A73B	Markers
A73C	Delineators, Channelizers and Barricades
A74	Survey Monuments
A76A	Concrete Barrier Type 60
A76I	Concrete Barrier Type 60SE
A77A	Metal Beam Guard Railing – Typical Wood Post With Wood Block
A77B	Metal Beam Guard Railing - Standard Hardware
A77C	Metal Beam Guard Railing – Wood Post and Wood Block Details
A77D	Metal Beam Guard Railing – Typical Layouts
A77E	Metal Beam Guard Railing – Typical Layouts
A77F	Metal Beam Guard Railing – Typical Embankment Widening for End Treatments
A77FA	Metal Beam Guard Railing – Typical Line Post Installation
A77G	Metal Beam Guard Railing – End Treatment, Terminal Anchor Assembly (Type SFT)
A77H	Metal Beam Guard Railing - Anchor Cable and Anchor Plate Details
A77IA	Metal Beam Guard Railing – End Treatment, Buried Post Anchor

A77J	Metal Beam Guard Railing Connections to Bridge Railings, Retaining Walls and Abutments
A77L	Metal Beam Guard Railing and Single Faced Barrier Railing - End Treatment
A77M	Metal Beam Guard Railing and Single Faced Barrier Railing - End Treatment
A85	Chain Link Fence
A87	Curbs, Dikes and Driveways
A88A	Curb Ramp Details
A88B	Curb Ramp Details
D72	Drainage Inlets
D73	Drainage Inlets
D74C	Drainage Inlet Details
D77A	Grate Details
D78	Gutter Depressions
D79	Precast Reinforced Concrete Pipe - Direct Design Method
D87D	Overside Drains
D88	Construction Loads On Culverts
D89	Pipe Headwalls
D97H	Reinforced Concrete Pipe or Non-Reinforced Concrete Pipe - Standard and Positive Joints
H1	Planting and Irrigation - Abbreviations
H2	Planting and Irrigation - Symbols
H3	Planting and Irrigation Details
H4	Planting and Irrigation Details
H5	Planting and Irrigation Details
H6	Planting and Irrigation Details
H7	Planting and Irrigation Details
H8	Planting and Irrigation Details
T2	Temporary Crash Cushion, Sand Filled (Shoulder Installations)
T3	Temporary Railing (Type K)
T4	Temporary Traffic Screen
T7	Construction Project Funding Identification Signs
T10	Traffic Control System for Lane Closure On Freeways and Expressways
T10A	Traffic Control System for Lane and Complete Closures On Freeways and Expressways
T12	Traffic Control System for Lane Closure On Multilane Conventional Highways
T13	Traffic Control System for Lane Closure On Two Lane Conventional Highways
T14	Traffic Control System for Ramp Closure

B0-1	Bridge Details
B0-3	Bridge Details
B0-5	Bridge Details
B0-13	Bridge Details
B2-3	400 mm Cast-In-Drilled Hole-Concrete Pile
B2-5	Pile Details-Class 400 and Class 625
B2-6	Pile Details-Class 400C and Class 625C
B2-10	Load Test Pile Details (2)
B3-1	Retaining Wall Type 1 - H=1200 Through 9100 mm
B3-8	Retaining Wall Details No. 1
B6-21	Joint Seals (Maximum Movement Rating = 50 mm)
B7-6	Deck Drains - Types D-1 and D-2
B7-11	Utility Details
B11-47	Cable Railing
B11-52	Chain Link Railing Type 7
B11-54	Concrete Barrier Type 26
B11-55	Concrete Barrier Type 732
B14-3	Communication and Sprinkler Control Conduits (Conduit Less Than size 103)
RS1	Roadside Signs, Typical Installation Details No. 1
RS2	Roadside Signs - Wood Post, Typical Installation Details No. 2
S1	Overhead Signs - Truss, Instructions and Examples
S2	Overhead Signs - Truss, Single Post Type - Post Types II Thru VII
S4	Overhead Signs - Truss, Single Post Type - Structural Frame Members
S6	Overhead Signs - Truss, Structural Frame Details
S7	Overhead Signs -Truss, Frame Juncture Details
S8C	Overhead Signs - Truss, Sign Panel Mounting Details, Laminated Panel - Type
A	
S9	Overhead Signs - Walkway Details No. 1
S10	Overhead Signs - Walkway Details No. 2
S11	Overhead Signs - Walkway Safety Railing Details
S13	Overhead Signs - Truss, Pile Foundation
ES-1A	Signal, Lighting and Electrical Systems - Symbols and Abbreviations
ES-1B	Signal, Lighting and Electrical Systems - Symbols and Abbreviations
ES-2C	Signal, Lighting and Electrical Systems - Service Equipment Notes, Type III Series
ES-2F	Signal, Lighting and Electrical Systems - Service Equipment and Typical Wiring Diagram Type III-C Series
ES-3C	Signal, Lighting and Electrical Systems - Controller Cabinet Details
ES-5A	Signal, Lighting and Electrical Systems - Detectors

ES-5B	Signal, Lighting and Electrical Systems - Detectors
ES-5E	Signal, Lighting and Electrical Systems - Detectors
ES-6A	Lighting Standards - Types 15, 21 and 22
ES-6C	Lighting Standards - Type 15 Slip Base Insert
ES-7M	Signal and Lighting Standards - Details No. 1
ES-7N	Signal and Lighting Standards - Details No. 2
ES-8	Signal, Lighting and Electrical Systems - Pull Box Details
ES-11	Signal, Lighting and Electrical Systems - Foundation Installations
ES-13A	Signal, Lighting and Electrical Systems - Splicing Details
ES-15A	Sign Illumination - Mercury Vapor Sign Illumination Equipment
ES-15C	Sign Illumination - Sign Illumination Equipment
ES-15D	Sign Illumination - Sign Illumination Control
ES-16A	Closed Circuit Television Pole Details
ES-16B	Closed Circuit Television Pole Details - Overhead Sign Mounted”

“SLIP FORM METHOD FOR CONSTRUCTING RETAINING WALLS

At the Contractor's option, retaining wall stems may be constructed using a fixed form on the exterior face and a slip form on the back face of the wall. Construction of retaining walls using the slip form method shall conform to these special provisions. The retaining wall stem is the portion of the retaining wall from the top of footing to the top of wall.

If the Contractor elects to use the slip form method to construct retaining wall stems, the Contractor shall submit complete construction plans to the Office of Structure Design (OSD) in conformance with the provisions for working drawings in Section 5-1.02, "Plans and Working Drawings," of the Standard Specifications. For initial review, 4 sets of plans shall be submitted. After review, between 6 and 12 sets, as requested by the Engineer, shall be submitted to OSD for final approval and use during construction.

The plans shall be 279 mm x 432 mm or 559 mm x 864 mm in size, and shall include the following:

- A. Methods for placing, finishing, curing, and protecting the concrete;
- B. A description of the measures to be taken that will assure the quality of the completed retaining wall;
- C. Drawings and calculation sheets, signed by an engineer who is registered as a Civil Engineer in the State of California, showing any proposed revisions to dimensions or reinforcement shown on the plans;
- D. The designation and location of the walls where the slip form method is proposed for use;
- E. The State assigned contract number, full name of the structure as shown on the contract plans, District-County-Route-Kilometer Post, and the Contractor's (and involved Subcontractor's) names on each sheet. Each sheet shall be numbered in the lower right hand corner and shall contain a blank space in the upper right hand corner for future contract sheet numbers.

Construction plans shall be submitted sufficiently in advance of the start of the affected work to allow time for review by the Engineer, and correction by the Contractor of the plans without delaying the work. Such time shall be proportional to the complexity of the work but in no case shall such time be less than two weeks after complete plans and all support data are submitted.

Should the Engineer fail to review the complete submittal within the time specified, and if, in the opinion of the Engineer, the Contractor's controlling operation is delayed or interfered with by reason of the delay in reviewing the construction plans, an extension of time only, commensurate with the delay in completion of the work thus caused, will be granted in conformance with the provisions in Section 8-1.09, "Right of Way Delays," of the Standard Specifications.

A preconstruction slip form method test panel for each retaining wall height and thickness shown on the plans, shall be constructed by the crew scheduled to perform the work shown on the plans, using equipment, materials, mixing proportions, ambient temperatures, and procedures proposed for the work. The preconstruction slip form method test panel shall conform to the following:

- The test panel shall have the same thickness, height and number of lifts, and bar reinforcement of the same size, amount, and positioning as the retaining wall stem to be placed. The test panel shall be square, with the length of the panel equal to the height.
- The test panel shall be finished by the methods to be used on the retaining wall stem.
- The test panel shall be cured under the same conditions as anticipated for the actual work.

The Contractor may request the Engineer to waive the requirement for constructing preconstruction slip form method test panels if a test panel report is furnished from a State highway retaining wall project with a similar application of approximately equal thickness and height, and similar amounts and placement of reinforcement. The crew members scheduled to perform the work shown on the plans shall have constructed the test panel described in the test panel report. The test panel report shall list the names of the crew members, equipment used, materials, mixing proportions, ambient temperatures, and procedures used to make the test panels. The test panel report shall include photographs of the finished retaining wall.

At the Contractor's option, the back face of a retaining wall stem constructed by the slip form method may be vertical. The thickness of the retaining wall stem with a vertical back face shall be the thickness at the base of the stem shown on the plans. The back face reinforcement for a retaining wall stem with a vertical back face shall be vertical, with the same clearance from the finished back of wall stem surface as shown on the plans.

If the Contractor chooses to construct a retaining wall stem by the slip form method, as described in these special provisions, no changes shall be made to the horizontal or vertical alignment of the retaining wall footing or stem, or to the size, length, or spacing of the back face vertical reinforcement at the bottom of the wall stem.

Each slip formed section of retaining wall stem shall have fixed, full-height bulkheads on both ends.

Concrete shall be supplied to the slip form machine at a uniform rate. The slip form shall be operated under sufficient restraint from forward motion and the concrete vibrated to produce a well compacted mass of concrete requiring no finishing other than that conforming to the provisions in Section 51-1.18B, "Class 1 Surface Finish," of the Standard Specifications.

A joint between lifts of concrete due to a delay between loads, as determined by the Engineer, will be cause for rejection of that portion of the retaining wall back to the nearest vertical expansion joint.

Full compensation for additional formwork, reinforcement, concrete, finishing, excavation, and backfill made necessary by the use of the slip form construction method shall be considered as included in the contract prices paid for the various items of work involved in retaining wall construction and no additional compensation will be allowed therefor."