

DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
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May 6, 2010

12-Ora-5-8.5/9.4
12-0E5704

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN ORANGE COUNTY IN SAN JUAN CAPISTRANO FROM 0.5 MILE SOUTH OF SAN JUAN CREEK ROAD UNDERCROSSING TO 0.5 MILE NORTH OF SAN JUAN CREEK BRIDGE.

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 Thursday, May 20, 2010.

This addendum is being issued to revise the Project Plans, the Notice to Bidders and Special Provisions, and provide a copy of the Information Handout.

Project Plan Sheets 179, 180, and 212 are revised. Copies of the revised sheets are attached for substitution for the like-numbered sheets.

12-Ora-5-8.5/9.4
 12-0E5704

In the Special Provisions, Section 5-1.11, "SUPPLEMENTAL PROJECT INFORMATION," is revised as follows:

"The Department makes the following supplemental project information available:

Supplemental Project Information

Means	Description
Included in the Information Handout	<ul style="list-style-type: none"> • California Regional Water Quality Control Board, San Diego Permit • US Army Corps of Engineer Permit • California Dept of Fish & Game Agreement • Orange County Flood Control District Permit • Revised Foundation Recommendations for San Juan Creek Road Undercrossing Left Side Widening, Br. No. 55-0298, dated January 30, 2009, revised April 2, 2009 • Foundation Recommendations for Retaining Wall No. 477 dated January 29, 2009 • Foundation Recommendations for Retaining Wall No. 485 dated January 29, 2009, revised April 2, 2009 • Foundation Recommendations for San Juan Creek Bridge Left Side Widening, Br. No. 55-0228, dated April 2, 2009 • Final Materials Letter Report • Battery Backup System
Available as specified in the Standard Specifications	Bridge as-built drawings
Available at: http://www.dot.ca.gov/hq/esc/oe/weekly_ads/index.php	Cross sections

In the Special Provisions, Section 10-1.065, "TEMPORARY ARROYO TOAD FENCE," is added as attached.

To Bid book holders:

Attached is a copy of the Information Handout "Orange County Flood Control District Permit."

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.

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

Submit bids in the Bid 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.

Addendum No. 1
Page 3
May 6, 2010

12-Ora-5-8.5/9.4
12-0E5704

This addendum and attachments are available for the Contractors' download on the Web site:

http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/12/12-0E5704

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,

ORIGINAL SIGNED BY

IGNACIO SANCHEZ DEL REAL
Acting Office Chief
Office of Plans, Specifications & Estimates
Office Engineer
Division of Engineering Services

Attachment

10-1.065 TEMPORARY ARROYO TOAD FENCE

Temporary arroyo toad fence shall be furnished, installed, maintained, and later removed by hand at the locations shown on the plans, as specified in these special provisions, and as directed by the Engineer.

Attention is directed to "Environmentally Sensitive Area" and "Order of Work" of these special provisions.

Preparation shall conform to the provisions in Section 20-3.02, "Preparation," of the Standard Specifications.

MATERIALS

Used materials may be installed provided the used materials are good, sound and are suitable for the purpose intended, as determined by the Engineer.

Materials may be commercial quality provided the dimensions and sizes of the materials are equal to, or greater than, the dimensions and sizes shown on the plans or specified in these special provisions.

Materials shall conform to the provisions in Section 20-2, "Materials," of the Standard Specifications and the following:

- A. Plywood shall be 1/2" thick (Min.), with a nominal dimension of 4' x 8'. Plywood shall be pressure treated to resist decay.
- B. Wood bracing shall be as shown on the plans, and shall be pressure treated to resist decay.
- C. Posts shall be steel and have a "U", "T" or "L" or other cross sectional shape that resists failure by lateral loads. Steel posts shall have a minimum mass per length of 2 pounds per linear foot and a minimum length of 5 feet. One end of the steel posts shall be pointed and the other end shall be capped with an orange or red plastic safety cap, which fits snugly to the steel post. The Contractor shall submit to the Engineer, for approval, a sample of the capped steel post prior to installation.
- D. Wire mesh for frog egress shall have 1/8" x 1/8" openings, and wire shall be 16 gage, minimum.

INSTALLATION

Temporary arroyo toad fence shall be installed at the locations shown on the plans, as directed by the Engineer and as follows:

- A. Temporary arroyo toad fence shall consist of plywood sheets anchored to steel posts with tie wire as shown on the plans. Holes shall be drilled through the plywood to adequately anchor the plywood to the steel posts and ensure snug overlap of plywood. Plywood shall be installed below grade as shown on the plans.
- B. Holes shall be made in the plywood sheets at center of each board measured longitudinally, and such that the bottom of the hole is adjacent to finish grade once the plywood has been trenched to sufficient depth. Dimensions of the hole shall be as shown on the plans.
- C. Wire mesh cones shall be placed at the holes, with locations and dimensions as shown on the plans, to allow frogs entry into the Environmentally Sensitive Area and prevent egress into construction zone. Fabricating and fastening techniques for the wire mesh cones shall provide a uniform transition between the wire mesh cone and the plywood, with no rough edges on either plywood or wire mesh, and such that there are no gaps or openings between the wire mesh and the plywood.

In the event of rain, sections of temporary arroyo toad fence may be removed down stream from any active outlets, as directed by the Engineer. When the rain event has concluded, the sections shall be replaced.

The existing ground and native vegetation shall not be cleared or removed to facilitate installation of the arroyo toad fence.

Care shall be taken to avoid damage to the wire mesh cones. Any damage to the cones shall be repaired promptly at the Contractor's expense.

Any debris that becomes deposited in front of the cones shall be promptly removed.

Temporary arroyo toad fence that has been damaged shall be repaired or replaced at the expense of the Contractor on the same day when the damage occurs.

When no longer required as determined by the Engineer, temporary arroyo toad fence shall become the property of the Contractor and be removed and 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.

Ground disturbance, including holes and depressions, caused by the installation and removal of the temporary arroyo toad fence shall be backfilled and repaired in conformance with the provisions in Section 15-1.02, "Preservation of Property," of the Standard Specifications.

MEASUREMENT AND PAYMENT

The quantity of furnishing, installing and maintaining existing temporary arroyo toad fence to be paid for will be measured by the linear foot, parallel with the ground slope along the line of the installed temporary arroyo toad fence.

The contract price paid per linear foot for furnishing, installing and maintaining existing temporary arroyo toad fence shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in and maintaining existing temporary arroyo toad fence, complete in place, including maintenance, removal of temporary arroyo toad fence, and backfill of holes and depressions, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.