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**DIVISION OF ENGINEERING SERVICES**  
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July 8, 2005

03-Pla-28-12.5/13.6  
03-1C8204

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in PLACER COUNTY IN TAHOE VISTA AT NATIONAL AVENUE.

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 July 19, 2005.

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

Project Plan Sheet No. 14, "Notes," is revised as follows:

Note 4 is deleted.

Note 9, last sentence is deleted.

Project Plan Sheet No. 14, all references to "EV Cable" are deleted.

Project Plan Sheet No. 16, "Conductor and Conduit Schedule," "EV Cable" is deleted.

Project Plan Sheet No. 16, "Pole and Equipment Schedule," "asterisk" notations and reference to "EV Cable" are deleted.

In the Special Provisions, Section 8-1.03, "STATE-FURNISHED MATERIALS," the third paragraph is revised as follows:

"Completely wired controller cabinets, with auxiliary equipment but without controller unit, will be furnished to the Contractor at the Sacramento Signal Shop located at 11325 Sanders Drive, Rancho Cordova, CA 95819."

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In the Special Provisions, Section 10-3.06, "STANDARDS, STEEL PEDESTALS, AND POSTS," the ninth paragraph is revised as follows:

"All equipment (steel pedestals, posts) are to be powder coated using color matching Federal Standard 595B No. 30045 (Brown) as follows:

**POWDER COATING LIGHTING STANDARDS**

Galvanized lighting standards surfaces shall receive a powder coat finish as shown on the plans and as specified in these special provisions.

**Cleaning**

All exposed metal surfaces shall be cleaned and prepared in accordance with the instructions of the powder coating manufacturer.

**Painting**

All cleaned surfaces shall receive a single powder coating consisting of dry polyester powder electrostatically applied to the surface and baked to form a smooth, uniform, durable surface. Each shipment of powder coating material shall be accompanied by a Certificate of Compliance as provided in Section 6-1.07, "Certificates of Compliance," of the Standard Specifications.

Application instructions, manufacturer's descriptive data, and such other data requested by the Engineer shall be submitted for approval.

Manufacturer's descriptive data shall include complete description, performance data and installation instructions for the materials.

The powder shall conform to the following requirements:

	ASTM Designation	Specification Limits
Adhesion to Galvanized Surface	D 3359B	Minimum, 4B
Pencil Hardness	D 3363	H-2H
Flexibility	D 522	Pass, 3.175 mm mandrel
Impact Resistance	D 2794	Pass, 9.0 N-m
Color Stability	G 155, Table X3.1, Cycle 1	2200 hours, C.I.E. L*a*b System Color Tolerance: DE*ab<5. No change in 60 degree gloss value.
Salt spray resistance	B 117 and D1654	1500 hours, rating of 8 or greater.

The color of the powder coating shall match Federal Standard 595B No. 30045. The total dry film thickness of the powder coating shall be not less than 0.08 mm.

Three samples, 200 mm x 200 mm, with finish color, shall be furnished to the Engineer at the Contractor's expense. The samples shall be fabricated by the Contractor and tested at the Contractor's expense in the presence of the Engineer, unless otherwise directed. A copy of the test results shall be furnished to the Engineer within 15 days following sample fabrication and within sufficient time to allow for review by the Engineer and correction by the Contractor of any deficiencies without delaying completion of the work. The samples shall be used to verify compliance of the powder coating requirements listed herein.

Should the results of any of the tests on the samples fail to comply with these specifications, the powder coating material shall be rejected in accordance with the provisions in Section 6-1.04, "Defective Materials," of the Standard Specifications."

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In the Special Provisions, Section 10-3.07, "CONDUIT," the third, fifth and sixth paragraphs, revise the term "Trenching in Pavement Method" with the following:

"Trenching in Pavement Method by using "T-Trench" detail as shown on the plans."

In the Special Provisions, Section 10-3.11, "SERVICE," the following paragraph is added:

"Service equipment enclosures shall be painted in accordance with the provisions of Section 86-2.16, "Painting," of the Standard Specifications except that the color shall match Federal Standard 595B Color No. 30045 (Brown)."

In the Special Provisions, Section 10-3.14, "STATE-FURNISHED CONTROLLER ASSEMBLIES," the following paragraph is added:

"State-furnished controller cabinet shall be painted in the field in accordance with the provisions in Section 86-2.16 of the Standard Specifications. The color shall match Federal Standard 595B Color No. 30045 (Brown)."

To Proposal and Contract book holders:

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 CONTRACTORS section of the Notice to Contractors 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 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](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