

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

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*Serious Drought.  
Help save water!*

May 16, 2014

07-LA-1,47,91,110,405,710-Var

07-1W6104

Project ID 0712000410

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN LOS ANGELES COUNTY AT VARIOUS LOCATIONS.

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 22, 2014.

This addendum is being issued to revise the project plans, the *Notice to Bidders and Special Provisions*, and the *Bid Book*.

Project plan sheet 35 is revised and attached for substitution for the like-numbered sheet.

In the Special Provisions, Section 15, "EXISTING FACILITIES," subsection "15-5.01C(3)," the second paragraph is revised as follows:

"Remove concrete deck surface under section 42."

In the Special Provisions, Section 15, "EXISTING FACILITIES," subsection "15-5.05 and 15-5.06," is replaced as attached.

In the *Bid* book, in the "Bid Item List," Item 15 is revised as attached.

To *Bid* book holders:

In the *Bid* book, page 3 of the "Bid Item List" is replaced as attached. The attached Bid Item List is to be used in the bid.

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.

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Inform subcontractors and suppliers as necessary.

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/07/07-1W6104](http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/07/07-1W6104)**

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,



*fs*  
CARRIE BOWEN  
District Director

Attachments

**Replace item 1 in the list in the 1st paragraph of section 15-5.05A(2) with:**

1. Schedule of work for the test area and for each bridge

**Add to section 15-5.05A(2):**

Submit a public safety plan. Include with the submittal:

1. Public notification letter describing the work to be performed with treatment work locations, dates and times. Include a list of addresses of delivery and posting of the letter.
2. Airborne emissions monitoring plan. A CIH certified in comprehensive practice by the American Board of Industrial Hygiene must prepare and execute the plan. The plan must have at least 4 monitoring points including the mixing point, application point, and point of nearest public contact.
3. Action plan for protecting the public if airborne emissions levels exceed permissible levels.
4. Copy of the CIH's certification.

Submit results from airborne emissions monitoring of the test area before starting production work.

Submit results from production airborne emissions monitoring as an informational submittal after completing treatment activities.

**Replace the paragraphs of section 15-5.05A(3) with:**

Complete a test area before starting deck treatment activities. Notify the Engineer at least 15 days before treating the test area.

The test area must be:

1. At least 500 sq ft
2. Within the project limits outside the traveled way at an authorized location
3. Constructed (1) using the same materials, equipment, and construction methods to be used in the work and (2) under conditions similar to those anticipated when the work will be performed.
4. Demonstrate suitability of the airborne emissions monitoring plan

The completed test area must demonstrate (1) compliance with these specifications and (2) that the work will be completed within the time allowed.

The Engineer performs friction testing of the treated test area under California Test 342. Allow 10 days after completion of the test area for the Engineer to perform the test.

Do not perform deck treatment activities until the test area is authorized. The authorized test area is the standard of comparison in determining the acceptability of treated deck surfaces.

The Engineer may perform testing under California Test 342 to verify the coefficient of friction of the treated deck surfaces.

**Add to section 15-5.05C:**

Deliver the public notification letter to residences and businesses within 100 feet of treatment work and to local fire and police officials at least 7 days before starting treatment activities. Post the letter at the job site.

Monitor airborne emissions during treatment activities.

**Replace the 6th paragraph of section 15-5.05C with:**

Thoroughly mix all resin components. Apply resin to the deck within 5 minutes of mixing. The approximate application rate is 75 sq ft/gal. Resin that thickens during application is rejected.

**Replace the 9th paragraph of section 15-5.05C with:**

The coefficient of friction of the treated surface must be at least 0.35 when tested under California Test 342.

Traffic or equipment is not allowed on the treated surface until you have verified that the following conditions have been met and the Engineer has authorized the opening of the treated surface to traffic and equipment:

1. Treated deck surface is tack free and not oily
2. Sand cover adheres and resists brushing by hand
3. Excess sand and absorbent material has been removed
4. No material will be tracked beyond the limits of treatment by traffic

**Replace item 1 in the list in the 1st paragraph of section 15-5.06A(2) with:**

1. Schedule of overlay work for the trial overlay and for each bridge

**Add to section 15-5.06A(2):**

Submit a public safety plan. The public safety plan must include:

1. Public notification letter with a list of delivery and posting addresses. The letter must describe the work to be performed and state treatment work locations, dates, and times. Deliver the letter to residences and businesses within 100 feet of the overlay work and to local fire and police officials at least 7 days before starting overlay activities. Post the letter at the job site.
2. Airborne emissions monitoring plan. A CIH certified in comprehensive practice by the American Board of Industrial Hygiene must prepare and execute the plan. The plan must have at least 4 monitoring points, including the mixing point, application point, and point of nearest public contact. Monitor airborne emissions during overlay activities.
3. Action plan for protecting the public if airborne emissions levels exceed permissible levels.
4. Copy of the CIH's certification.

Submit results from airborne emissions monitoring of the trial overlay before starting production work.

Submit results from production airborne emissions monitoring as an informational submittal after completing overlay activities.

**Replace the paragraphs of section 15-5.06A(3) with:**

Complete a trial polyester concrete overlay before starting overlay activities. Notify the Engineer at least 15 days before constructing the trial overlay.

The trial overlay must be:

1. At least 12 by 12 feet and the same thickness as the overlay shown
2. Constructed on a prepared concrete base within the project limits at an authorized location
3. Constructed (1) using the same materials, equipment, and construction methods to be used in the work and (2) under conditions similar to those anticipated when the work will be performed
4. Demonstrate the suitability of the airborne emissions monitoring plan

Use the trial overlay to determine the initial polyester-concrete set time.

The Engineer performs friction testing of the trial overlay under California Test 342. Allow 10 days after completion of the trial overlay for the Engineer to perform the testing.

The completed trial overlay must demonstrate (1) compliance with these specifications and (2) that the work will be completed within the time allowed.

Do not perform overlay activities until the trial overlay is authorized. The authorized trial overlay is the standard of comparison in determining the acceptability of the overlay.

The Engineer may perform testing under California Test 342 to verify the coefficient of friction of the overlay surfaces.

Dispose of the trial overlay and concrete base after acceptance of all polyester concrete overlay surfaces.

**Replace the 8th paragraph of section 15-5.06C(1) with:**

Finishing equipment for polyester concrete must:

1. Have grade control capabilities resulting in a roadway surface that meets the smoothness requirements of section 51-1.01D(4)(b) and is capable of adjusting for a variable thickness overlay along and across the existing deck surface. The use of fixed height skid-supported strike off equipment is not allowed.
2. Be used to consolidate the polyester concrete
3. Have a 12-foot minimum paving width

**Replace the 21st paragraph of section 15-5.06C(1) with:**

Completed polyester concrete deck surfaces must have a uniform surface texture with a coefficient of friction of at least 0.35 when tested under California Test 342 and a surface smoothness complying with section 51-1.01D(4)(b).

**Add to section 15-5.06C(1):**

You may use a mechanical mixer to mix the polyester concrete. The mixer capacity must not exceed 9 cu ft unless authorized. Initiate the resin binder and thoroughly blend it immediately before mixing it with the aggregate. Mix the polyester concrete for at least 2 minutes before placing.

**BID ITEM LIST**  
**07-1W6104**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	070030	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
2	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
3	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
4	130100	JOB SITE MANAGEMENT	LS	LUMP SUM	LUMP SUM	
5	130200	PREPARE WATER POLLUTION CONTROL PROGRAM	LS	LUMP SUM	LUMP SUM	
6	130900	TEMPORARY CONCRETE WASHOUT	LS	LUMP SUM	LUMP SUM	
7	141103	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	LF	9,090		
8	150100	PUBLIC SAFETY PLAN	LS	LUMP SUM	LUMP SUM	
9	150190	INJECT CRACK (EPOXY)	LF	144		
10	150310	RAPID SETTING CONCRETE (PATCH)	CF	23		
11	150312	REPAIR SPALLED SURFACE AREA	SQFT	455		
12	150714	REMOVE THERMOPLASTIC TRAFFIC STRIPE	LF	6,410		
13	150715	REMOVE THERMOPLASTIC PAVEMENT MARKING	SQFT	310		
14	150722	REMOVE PAVEMENT MARKER	EA	690		
15	150870	REMOVE CONCRETE DECK SURFACE	SQFT	17,150		
16	153223	REMOVE UNSOUND CONCRETE	CF	23		
17	153225	PREPARE CONCRETE BRIDGE DECK SURFACE	SQFT	139,797		
18	153227	FURNISH POLYESTER CONCRETE OVERLAY	CF	1,184		
19 (F)	153228	PLACE POLYESTER CONCRETE OVERLAY	SQFT	17,150		
20 (F)	153233	TREAT BRIDGE DECK	SQFT	122,647		