

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

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*Flex your power!  
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January 24, 2014

10-Sta-33-14.5/17.9

10-0Y2604

Project ID 1013000125

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN STANISLAUS COUNTY IN AND NEAR PATTERSON FROM WARD AVENUE TO ROGERS ROAD.

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 Wednesday, January 29, 2014.

This addendum is being issued to revise the *Notice to Bidders and Special Provisions*.

In the Special Provisions, Section 30-5.01D(4)(c) is replaced as attached.

In the Special Provisions, Section 30-5.03D(1) is replaced as attached.

To *Bid* 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 Bidders* section of the *Notice to Bidders and Special Provisions*.

Submit the *Bid* book as described in the *Electronic Bidding Guide* at the Bidders' Exchange website.

**[http://www.dot.ca.gov/hq/esc/oe/electronic\\_bidding/electronic\\_bidding.html](http://www.dot.ca.gov/hq/esc/oe/electronic_bidding/electronic_bidding.html)**

Inform subcontractors and suppliers as necessary.

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

**[http://www.dot.ca.gov/hq/esc/oe/project\\_ads\\_addenda/10/10-0Y2604](http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/10/10-0Y2604)**

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,



SHARRI BENDER EHLERT  
District Director  
District 6 Central Region

Attachments

**30-5.01D(4)(c) Quality Control Testing**

For emulsified recycling agent, the testing laboratory must perform quality control sampling and testing at the specified frequency and location for the following quality characteristics:

**Emulsified Recycling Agent Quality Control Requirements**

Property	Test method	Minimum sampling and testing frequency	Requirement		Sampling Location	Maximum reporting time allowance
			Minimum	Maximum		
Test on emulsion:						
Sieve test, % of weight sample	AASHTO T 59	Each tanker load	--	0.1	Tanker	10 business days
Residue by evaporation, %	California Test 330		63	67		
Test on residue by evaporation:						
Penetration at 25 °C, 100 g/ 5 sec	AASHTO T 49	Each tanker load	40	120	Tanker	10 business days
Ductility at 25 °C and 50 mm/minute, mm	AASHTO T 51		400	--		
Creep stiffness, Test temperature, °C max S-value, MPa min M-value	AASHTO T 313		Note a			

<sup>a</sup>Must comply with the requirements for the PG binder specified.

Perform sampling and testing as at the specified frequency and location for the following quality characteristics:

**Quality Control Requirements**

Quality Characteristic	Test method	Minimum sampling and testing frequency	Requirement	Sampling location	Maximum reporting time allowance
Water sulfates <sup>a</sup> (ppm, max)	California Test 417	1 per source	1,300	Source	Before work starts
Water chlorides <sup>a</sup> (ppm, max)	California Test 422	1 per source	650	Source	
Wet gradation (% passing) Sieve Size 1 inch	California Test 202	Test strip and 1 per lot	100	Loose RAP before adding ERA	5 days
Wet field gradation (% passing) Sieve size 1-inch 3/4-inch No. 4	California Test 202	Test strip and every 3rd lot	Report only		5 days
Dry gradation (% passing) Sieve size 1-inch 3/4-inch No. 4 No. 30 No. 200	California Test 202	Test strip and 1 per day	Report only		
Air voids %	California Test 308	Test strip and 2 per day	Report only		24 hours
Theoretical maximum density	California Test 309	Test strip and 2 per day	Report only		
Relative compaction <sup>b,c</sup> (%, min)	California Test 375 <sup>d</sup>	Test strip and 2 per lot	95		

<sup>a</sup>Only required for non-potable water sources.

<sup>b</sup>The relative compaction is based on the break-over point.

<sup>c</sup>Verify break over density once per day of production

Take and split a sample of the loose RAP and CIR mixture daily at a location determined by the Engineer. Split the RAP and CIR samples into 2 parts and label the containers with location and station. Submit 1 split part and use 1 part for your testing. Determine maximum theoretical density of the CIR sample under California Test 309. Use the maximum theoretical density and calculate air voids under California Test 308 for each compaction test site and the average of the lot. Report air voids ratio on daily quality control inspection records. The Department does not use your California Test 309 test results and air voids to determine specification compliance.

**30-5.03D(1) General**

Do not perform CIR activities under the following conditions:

1. Pavement surface is wet due to rain.
2. Rain is forecasted within 24 hour.
3. Pavement temperature is less than 60 degrees F.
4. Ambient temperature is less than 50 degrees F.
5. 30 minutes before sunset.

Do not leave gaps of unrecycled material between successive cuts along the same longitudinal cut line.  
Do not leave untreated wedges created by the entry of the milling drum into the existing pavement.  
Longitudinal joints between successive cuts must overlap by 4 inches minimum.