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**** WARNING ** WARNING ** WARNING ** WARNING ****
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July 25, 2008

03-Nev,Sie-80-28.1/31.8, 0.0/1.6
03-3A2204
ACBIM-GV08(001)N

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in NEVADA AND SIERRA COUNTIES NEAR FLORISTON FROM THE TRUCKEE RIVER BRIDGE TO THE NEVADA STATE LINE.

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 August 26, 2008.

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

Project Plan Sheets 107, 285 and 286 are revised. Half-sized copies of the revised sheets are attached for substitution for the like-numbered sheets.

In the Notice to Contractors and Special Provisions, in the "IMPORTANT SPECIAL NOTICES," the following Special Notice is added:

"**PROJECT FUNDING**

On April 9, 2008, the California Transportation Commission (CTC) allocated $73 million in Grant Anticipation Revenue Vehicle (GARVEE) bond proceeds for construction of this project. The GARVEE proceeds allocated by the CTC are authorized in accordance with California Government Code Sections 14550 through 14555. It is the California Department of Transportation's intention that the bonds will be issued in the amount of approximately $73 million in October 2008. With this allocation and the approval of the CTC to use GARVEE bonds, the total funds needed to complete the project will be obligated upon award of the contract."

In the Special Provisions, Section 3, "AWARD AND EXECUTION OF CONTRACT," the following paragraph is added after the fourth paragraph as follows:

"If the Department awards the Contract, the award is made to the lowest responsible bidder within 60 days."

In the Special Provisions, Section 10-1.495, "HOT MIX ASPHALT AGGREGATE LIME TREATMENT – SLURRY METHOD" is added as attached.

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In the Proposal and Contract, the Engineer's Estimate Items 71 and 102 are revised, Item 111 is deleted as attached.

To Proposal and Contract book holders:

Replace pages 6 and 8 of the Engineer's Estimate in the Proposal with the attached revised pages 6 and 8 of the Engineer's Estimate. The revised Engineer's Estimate 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 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 GSO overnight mail to Proposal and Contract book holders to ensure that each receives it. A copy of this addendum is available for the contractor's use on the Internet Site:

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

ROBERT E. TRAVIS, Chief
Office of Plans, Specifications & Estimates
Division of Engineering Services - Office Engineer

Attachments

10-1.495 HOT MIX ASPHALT AGGREGATE LIME TREATMENT - SLURRY METHOD

GENERAL

Summary

This work includes treating hot mix asphalt (HMA) aggregate with lime using the slurry method and placing it in stockpiles to marinate.

Treat aggregate for HMA (Type A) with lime slurry.

Submittals

Determine the exact lime proportions for fine and coarse virgin aggregate and submit them as part of the proposed job mix formula (JMF) under Section 39, "Hot Mix Asphalt," of the Standard Specifications.

Submit the averaged aggregate quality test results to the Engineer within 24 hours of sampling.

Submit a treatment data log from the slurry proportioning device in the following order:

1. Treatment date
2. Time of day the data is captured
3. Aggregate size being treated
4. Wet aggregate flow rate collected directly from the aggregate weigh belt
5. Moisture content of the aggregate just before treatment, expressed as a percent of the dry aggregate weight
6. Dry aggregate flow rate calculated from the wet aggregate flow rate
7. Lime slurry flow rate measured by the slurry meter
8. Dry lime flow rate calculated from the slurry meter output
9. Approved lime ratio for each aggregate size being treated
10. Actual lime ratio calculated from the aggregate weigh belt and the slurry meter output, expressed as a percent of the dry aggregate weight
11. Calculated difference between the approved lime ratio and the actual lime ratio
12. Dry lime and water proportions at the slurry treatment time

Every day during lime treatment, submit the treatment data log on electronic media in tab delimited format on a removable CD-ROM storage disk. Each continuous treatment data set must be a separate record using a line feed carriage return to present the specified data on one line. The reported data must include data titles at least once per report.

Quality Control and Assurance

The quality control plan (QCP) specified in Section 39-2, "Standard," and Section 39-4, "Quality Control / Quality Assurance," of the Standard Specifications must include aggregate quality control sampling and testing during aggregate lime treatment. Perform sampling and testing in compliance with:

Aggregate Quality Control During Lime Treatment

Quality Characteristic	Test Method	Minimum sampling and testing frequency
Sand Equivalent	CT 217	Once per 1,000 tons of aggregate treated with lime
Percent of crushed particles	CT 205	As necessary and as designated in the QCP
Los Angeles Rattler	CT 211	
Fine aggregate angularity	AASHTO T 304, Method A	
Flat and elongated particles	ASTM D 4791	

Note: During lime treatment, sample coarse and fine aggregate from individual stockpiles. Combine aggregate in the JMF proportions. Run tests for aggregate quality in triplicate and report test results as the average of 3 tests.

The Engineer orders proportioning operations stopped for any of the following if you:

1. Do not submit the treatment data log.
2. Do not submit the aggregate quality control data.
3. Submit incomplete, untimely, or incorrectly formatted data.
4. Do not take corrective actions.
5. Take late or unsuccessful corrective actions.
6. Do not stop treatment when proportioning tolerances are exceeded.
7. Use malfunctioning or failed proportioning devices.

If you stop treatment, notify the Engineer of any corrective actions taken and conduct a successful 20-minute test run before resuming treatment.

For the aggregate to be treated, determine the moisture content at least once during each 2 hours of treatment. Calculate moisture content under California Test 226 or California Test 370 and report it as a percent of dry aggregate weight. Use the moisture content calculations as a set point for the proportioning process controller.

MATERIALS

High-calcium hydrated lime and water must comply with Section 24-1.02, "Materials," of the Standard Specifications.

Before aggregate is treated, it must comply with the aggregate quality specifications in Section 39, "Hot Mix Asphalt," of the Standard Specifications. Do not test treated aggregate for quality control except for gradation. The Engineer does not test treated aggregate for acceptance except for gradation.

The Engineer determines the combined aggregate gradation during HMA production after you have treated aggregate.

Treated aggregate must not have lime balls or clods.

CONSTRUCTION

General

Notify the Engineer at least 24 hours before the start of aggregate treatment.

Treat aggregate separate from HMA production.

Do not treat reclaimed asphalt pavement.

Add lime to the aggregate as slurry consisting of mixed dry lime and water at a ratio of 1 part lime to between 2 parts and 3 parts water by weight. The slurry must completely coat the aggregate.

Lime treat and marinate coarse and fine aggregates separately.

Immediately before mixing lime slurry with aggregate, water must not visibly separate from aggregate.

Treat aggregate and stockpile for marination only once.

The lime ratio is the pounds of dry hydrated lime per 100 pounds of dry aggregate expressed as a percent. Water content of slurry or untreated aggregate must not affect the lime ratio.

Lime ratio ranges are:

Aggregate Gradation	Lime Ratio
Coarse	0.4 to 1.0
Fine	1.5 to 2.0
Combined	0.8 to 1.5

The lime ratio for fine and coarse aggregate must be within ±0.2 percent of the lime ratio in the accepted JMF. The lime ratio must be within ±0.2 percent of the approved lime ratio when you combine the individual aggregate sizes in the JMF proportions.

If 3 consecutive sets of recorded treatment data indicate deviation more than 0.2 percent above or below the lime ratio in the accepted JMF, stop treatment.

If a set of recorded treatment data indicates a deviation of more than 0.4 percent above or below the lime ratio in the accepted JMF, stop treatment and do not use the material represented by that set of data in HMA.

If 20 percent or more of the total daily treatment indicates deviation of more than 0.2 percent above or below the lime ratio in the accepted JMF, stop treatment and do not use the day's total treatment in HMA.

If you stop treatment for noncompliance, you must implement corrective action and successfully treat aggregate for a 20-minute period. Notify the Engineer before beginning the 20-minute treatment period.

Lime Slurry Proportioning

Proportion lime and water with a continuous or batch operation.

The device controlling slurry proportioning must produce a treatment data log. The log consists of a series of data sets captured at 10-minute intervals throughout daily treatment. The data must be a treatment activity register and not a summation. The material represented by the data set is the amount produced 5 minutes before and 5 minutes after the capture time. For the contract's duration, collected data must be stored by the controller.

Proportioning and Mixing Lime Slurry Treated Aggregate

Treat HMA aggregate by proportioning lime slurry and aggregate by weight in a continuous operation.

Marinate treated aggregate in stockpiles from 24 hours to 60 days before using in HMA. Do not use aggregate marinated longer than 60 days.

MEASUREMENT AND PAYMENT

Full compensation for lime slurry treated aggregates shall be considered as included in the contract price paid per ton for HMA of the type or types involved and no separate payment will be made therefor.

ENGINEER'S ESTIMATE

03-3A2204

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61 (S)	203026	MOVE-IN/MOVE-OUT (EROSION CONTROL)	EA	9		
62	014104	CLASS 2F AGGREGATE BASE	CY	30,100		
63	390095	REPLACE ASPHALT CONCRETE SURFACING	CY	140		
64	390132	HOT MIX ASPHALT (TYPE A)	TON	17,700		
65	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	40		
66	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	1,130		
67	394077	PLACE HOT MIX ASPHALT DIKE (TYPE F)	LF	17,800		
68	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	SQYD	95		
69	397005	TACK COAT	TON	510		
70	401000	CONCRETE PAVEMENT	CY	74,200		
71	404092	SEAL PAVEMENT JOINT	LF	272,000		
72	404094	SEAL LONGITUDINAL ISOLATION JOINT	LF	1,770		
73 (F)	510314	CLASS 4 CONCRETE (BACKFILL)	CY	36		
74 (F)	510409	CLASS 1 CONCRETE (MINOR STRUCTURE)	CY	505		
75 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	CY	233		
76	510510	MINOR CONCRETE (INVERT PAVING)	CY	7		
77 (F)	510535	MINOR CONCRETE (HEADWALL)	CY	3.6		
78	650018	24" REINFORCED CONCRETE PIPE	LF	990		
79	665017	18" CORRUGATED STEEL PIPE (.079" THICK)	LF	80		
80	665023	24" CORRUGATED STEEL PIPE (.079" THICK)	LF	530		

ENGINEER'S ESTIMATE
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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
101	820112	MARKER (CULVERT)	EA	85		
102	014106	CONCRETE BARRIER MARKER (NON-IMPACTABLE)	EA	210		
103	820151	OBJECT MARKER (TYPE L-1)	EA	17		
104 (S)	014107	METAL BEAM GUARD RAILING (8', STEEL POST)	LF	18,700		
105 (S)	839541	TRANSITION RAILING (TYPE WB)	EA	1		
106 (S)	839581	END ANCHOR ASSEMBLY (TYPE SFT)	EA	17		
107 (S)	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	17		
108	839701	CONCRETE BARRIER (TYPE 60)	LF	28,200		
109	839712	CONCRETE BARRIER (TYPE 60SC)	LF	1,450		
110 (S)	014108	8" TWO-COMPONENT PAINT TRAFFIC STRIPE (RECESSED)	LF	1,280		
111		BLANK				
112 (S)	014110	4" TWO-COMPONENT TRAFFIC STRIPE (RECESSED, 36-12)	LF	59,400		
113 (S)	014111	4" TWO-COMPONENT TRAFFIC STRIPE (RECESSED, BROKEN 17-7)	LF	650		
114 (S)	014112	TWO-COMPONENT PAINT TRAFFIC STRIPE	LF	120,000		
115 (S)	840584	8" TWO-COMPONENT PAINT TRAFFIC STRIPE	LF	7,750		
116 (S)	840661	TWO-COMPONENT PAINT PAVEMENT MARKING	SQFT	120		
117 (S)	860090	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LS	LUMP SUM	LUMP SUM	
118	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID (A): = _____

TOTAL BID (B):

$38,000.00 **X** _____ = _____

(Cost Per Day) **(Enter Working Days Bid)**
(Not To Exceed 320 Days)

TOTAL BASIS FOR COMPARISON OF BIDS (A + B): = _____