

DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
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Flex your power!
Be energy efficient!

March 18, 2010

03-Nev, Pla-20-R17.5/46.1
03-3M1404
ACNH-P020 (152)

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN NEVADA AND PLACER COUNTIES FROM 0.1 MILE EAST OF THE 20/49 JUNCTION TO THE 80/20 SEPARATION.

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 Tuesday, March 30, 2010, instead of the original date of Wednesday, April 7, 2010.

This addendum is being issued to set a new bid opening date as shown herein, to revise the Notice to Bidders and Special Provisions and to revise the Federal Minimum Wages with Modification Number 0 dated 03/12/10.

In the Special Provisions, Section 10-1.20, "BONDED WEARING COURSE - GAP GRADED," subsection "MATERIALS," sub-subsection "Aggregate," the first paragraph is revised as follows:

"The aggregate for HMA in bonded wearing course must comply with the 3/8-inch grading specified in the aggregate gradation table."

In the Special Provisions, Section 10-1.20, "BONDED WEARING COURSE - GAP GRADED," subsection "MATERIALS," table "Aggregate Gradation (Percentage Passing) HMA (Bonded Wearing Course - Gap Graded)," is revised as attached.

In the Special Provisions, Section 10-1.20, "BONDED WEARING COURSE - GAP GRADED," subsection "HOT MIX ASPHALT DESIGN REQUIREMENTS," table "Hot Mix Asphalt for Job Mix Formula," is revised 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.

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.

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Route 20
03-Nev, Pla-20-R17.5/46.1
03-3M1404
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This addendum, attachments and the modified wage rates are available for the Contractors' download on the Web site:

http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/03/03-3M1404

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

JODY JONES
District Director

Attachments

**Aggregate Gradation
(Percentage Passing)
HMA (Bonded Wearing Course - Gap Graded)**

1/2-inch HMA

Sieve Sizes	Target Value Limits	Allowable Tolerance
3/4"	100	—
1/2"	80 - 100	TV ±6
3/8"	55 - 80	TV ±6
No. 4	25 - 40	TV ±7
No. 8	19 - 32	TV ±5
No. 16	16 - 22	TV ±5
No. 30	10 - 18	TV ±4
No. 50	8 - 13	TV ±4
No. 100	6 - 10	TV ±2
No. 200	4 - 7	TV ±2

3/8-inch HMA

Sieve Sizes	Target Value Limits	Allowable Tolerance
1/2"	100	—
3/8"	80 - 100	TV ±6
No. 4	25 - 40	TV ±7
No. 8	19 - 32	TV ±5
No. 16	16 - 22	TV ±5
No. 30	10 - 18	TV ±4
No. 50	8 - 13	TV ±4
No. 100	7-11	TV ±2
No. 200	6-10	TV ±2

No. 4 HMA

Sieve Sizes	Target Value Limits	Allowable Tolerance
1/2"	100	—
3/8"	95 - 100	TV ±2
No. 4	42 - 55	TV ±7
No. 8	19 - 32	TV ±5
No. 16	16 - 22	TV ±5
No. 30	10 - 18	TV ±4
No. 50	8 - 13	TV ±4
No. 100	6 - 10	TV ±2
No. 200	4 - 7	TV ±2

Hot Mix Asphalt for Job Mix Formula

Quality Characteristic	Test Method	Requirement
Film thickness, (µm min.)	Asphalt Institute MS-2 Table 6.1 Note a	12.0
Drain Down (max.)	AASHTO T-305 ^b	0.1%

Notes:

^aFilm thickness is calculated based on effective asphalt content and determined as follows:

$$FT = \left(\frac{P_{be}}{SA \times G_b \times 1000} \right) 10^6$$

where:

FT = Film Thickness in µm

P_{be} = Effective asphalt content by weight of aggregate using Lab Procedure LP-4.

SA = Estimated surface area of the aggregate blend in m²/kg from Table 6.1 in the Asphalt Institute Manual Series No. 2 (MS-2).

G_b = Specific gravity of asphalt binder

^b Combine aggregate and asphalt at binder supplier's recommended mixing temperature. Coated aggregates that fall through the wire basket during loading will not be considered as "drain down" and are returned to the basket before conditioning at 350 °F for one hour.