



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION
AUGUSTA, MAINE
04333-0016

JOHN ELIAS BALDACCI
GOVERNOR

DAVID A. COLE
COMMISSIONER

April 6, 2010
Subject: **Greenville, Shirley & Monson**
Federal Project No's: STP-1576(900)X &
IB-1730(900)X
State Pin No's: 015769.00 & 017309.00
Amendment No. 1

Dear Sir/Ms:

Make the following change to the Bid Document:

In the Bid Book (pages 93 and 94), **REMOVE** "SPECIAL PROVISION, SECTION 403, HOT MIX ASPHALT OVERLAY" 2 pages dated March 17, 2010 and **REPLACE** with the attached new "SPECIAL PROVISION, SECTION 403, HOT MIX ASPHALT OVERLAY" 2 pages dated March 19, 2010.

Consider this change prior to submitting your bid on April 14, 2010.

Sincerely,

A handwritten signature in black ink that reads "Scott Bickford".

Scott Bickford
Contracts & Specifications Engineer



PRINTED ON RECYCLED PAPER

SPECIAL PROVISION
SECTION 403
HOT MIX ASPHALT OVERLAY

Desc. of Course	Grad. Design	Item #	Bit Cont. % of Mix	Total Thick	No. of Layers	Comp. Notes
<u>1 ¼" HMA Overlay Areas</u>						
<u>Mainline Travelways, Shoulders, Sideroads</u>						
Wearing	9.5mm	403.210	N/A	1 ¼"	1	1,4,9,20
Shim	9.5mm	403.211	N/A	variable	1/more	1,2,4,11,20
<u>Pipe Trench Areas</u>						
Wearing	9.5mm	403.210	N/A	1 ¼"	1	1,4,9
Base	19.0mm	403.207	N/A	6 ½"	2/more	1,4,10
<u>Spot Shims</u>						
Spot Shims	12.5mm	403.211	N/A	variable	1/more	1,2,4,10,12,20
<u>Shoulder Rehabilitation Areas</u>						
Wearing	9.5mm	403.210	N/A	2"	1	1,4,9,20
<u>Crack Repair Areas</u>						
Wearing	9.5mm	424.37	N/A	2"	1	1,23
<u>Drives, Misc.</u>						
Wearing	9.5mm	403.209	N/A	2"	1/more	2,3,10,11,14

COMPLEMENTARY NOTES

- The required PGAB for this mixture will meet a **PG 58-28** or **PG 64-28** grading. The Contractor must stipulate which PGAB grading will be used to construct the entire HMA pavement structure prior to starting work. Changes to the PGAB grading must be approved by the Department prior to the change in PGAB grading.
- The density requirements are waived.
- The design traffic level for mix placed shall be <0.3 million ESALS.
- The design traffic level for mix placed shall be 0.3 to <3 million ESALS. The design, verification, Quality Control, and Acceptance tests for this mix will be performed at **50 gyrations**.
- Section 106.6 Acceptance, (2) Method C. The Contractor may request a contract modification to change to testing method "A" prior to work starting on this item.
- Section 106.6 Acceptance, (2) Method D.
- The combined aggregate gradation required for this item shall be classified as a 9.5mm "**fine graded**" mixture, (using the Primary Control Sieve control point) as defined in 703.09.
- If this item is used, the combined aggregate gradation required for this item shall be classified as a 12.5mm "**fine graded**" mixture, (using the Primary Control Sieve control point) as defined in 703.09. Payment shall be made under the 403.211 - 9.5mm Shim pay item.
- A mixture meeting the requirements of section 703.09 Grading 'D', with a minimum PGAB content of 6%, and the limits of Special Provision 401, Table 9 (Drives and Sidewalks) for PGAB content and gradation may be substituted for this item. A job mix formula shall be submitted to the department for approval.
- The Contractor may place the specified HMA pavement course, not to exceed 1¼ inch (30mm) compacted depth, over the full single travel lane width, for each production day. If this option is utilized the Contractor will be required to place a matching course of HMA over the adjacent section of travel lane before the end of the following calendar day. The Contractor will also be responsible for installing additional warning signage that clearly

defines the centerline elevation differential hazard, as well as additional centerline delineation such as double RPM application, or temporary painted line. The Traffic Control Plan shall be amended to include this option and the additional requirements. All signs and traffic control devices will conform to Section 719.01, and Section 652, and will be installed prior to the work, at a maximum spacing of 0.50 mile [0.80 km] for the entire length of the effected roadway section. On roadways with two-way traffic, the Contractor will be required to place the specified course over the full width of the mainline traveled way being paved prior to opening the sections to weekend or holiday traffic. If this option is utilized, all additional signing, labor, traffic control devices, or incidentals will not be paid for directly, but will be considered incidental to the appropriate 403 items.

23. Refer to Special Provision 401 –Hot Mix Asphalt for Special Areas for specifics.

Tack Coat

A tack coat of emulsified asphalt, RS-1, Item 409.15 shall be applied to any existing pavement at a rate of approximately 0.025 gal/yd², and on milled pavement approximately 0.05 gal/yd² prior to placing a new course. A fog coat of emulsified asphalt shall be applied between shim /base courses and the surface course, at a rate not to exceed 0.025 gal/yd².

Tack used between layers of pavement will be paid for at the contract unit price for Item 409.15 Bituminous Tack Coat.