



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

JOHN ELIAS BALDACCI
GOVERNOR

DAVID A. COLE
COMMISSIONER

July 23, 2010
Subject: **Whiting, Dennysville and
Pembroke**
State Project No: 017774.00 & 017823.00
Amendment No. 2

Dear Sir/Ms:

Make the following changes to the Bid Documents:

In the Bid Book, before page 76, **ADD** the attached "SPECIAL PROVISION, SECTION 309, FULL DEPTH RECYCLED ASPHALT PAVEMENT", 1 page undated.

In the Bid Book, after page 98, **ADD** the attached "SPECIAL PROVISION, SECTION 401, HOT MIX ASPHALT PAVEMENTS, (Liquid Anti-strip), 1 page dated July 21, 2010.

The following questions have been received:

Question: Item 309.36, Foamed Asphalt, what is the mix design? (page 3 of 7, 1st paragraph)

Response: Please see the attached Special Provision 309.

Question: Is Lane's contract for MST at the end of the 2011 season? In Section I, there is 5,810 CY of Ledge to be moved in 21 locations plus 24 Cross Pipes to be installed before "MST" is put down.

Response: Special Provision 105 requires that the X-pipes are completed before MST placement; it does not require the completion of the ledge removal.

Consider this change and information prior to submitting your bid on August 4, 2010.

Sincerely,

Scott Bickford
Contracts & Specifications Engineer

Fet



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SPECIAL PROVISION
SECTION 309
FULL DEPTH RECYCLED ASPHALT PAVEMENT
(with foamed asphalt)

Mix Design

The Full Depth Recycled Pavement on this project will be treated with the following material proportions:

PG 58-28 asphalt binder	3.25%
Water needed to ensure proper foaming	3.00 %
Portland cement (Type I or II)	1.00 %

The Contractor shall make available to the Department, for mix design purposes, a representative sample of the pulverized material taken after the initial reclamation process from the roadway section being treated. The Contractor shall deliver the material samples to the Central Laboratory in Bangor. The Contractors schedule shall allow a minimum of three working days for the mix design process. The Department will provide the Project with the recommended percentages of each required additive.

The optimum moisture content for compaction shall be determined by the Department using samples obtained from the pulverized material prior to addition of the foamed asphalt, by means of AASHTO T 180, Method D.

A contract modification will be executed if percentages change from the requirements above for added asphalt, Portland cement or lime changes by more than 0.10%. Positive and negative price adjustments will be made. The price adjustment will be based upon receipted bills for materials delivered the project site. If a price adjustment is warranted, the contractor will supply the Department with all receipted bills for PG asphalt binder, Portland cement or lime for the entire project. Adjustments in water content exceeding the initial targets shall not be paid for directly, but shall be incidental.

SPECIAL PROVISION
SECTION 401
HOT MIX ASPHALT PAVEMENTS
(Liquid Anti-Strip)

401.01 Description The Contractor shall furnish and place one or more courses of Hot Mix Asphalt Pavement (HMA) on an approved base in accordance with the contract documents and in reasonably close conformity with the lines, grades, thickness, and typical cross sections shown on the plans or established by the Resident. The Department will accept this work under Quality Assurance provisions, in accordance with these specifications and the requirements of Section 106 – Quality, the provisions of AASHTO M 323 except where otherwise noted in sections 401 and 703 of these specifications, and the Maine DOT Policies and Procedures for HMA Sampling and Testing.

MATERIALS

401.03 Composition of Mixtures This section has been amended as follows:

The Contractor shall compose the Hot Mix Asphalt Pavement with aggregate, Performance Graded Asphalt Binder (PGAB) with liquid Anti-strip, and mineral filler if required. The required PGAB for this mixture will meet a **PG 58-28** or **PG 64-28** grading. All asphalt grades utilized on the travelway and ramps shall be treated with an approved liquid anti-strip. PG binders shall be unmodified and treated with 0.50 to 1.0 percent anti-strip by weight of asphalt binder used, dependent upon manufacturer and active ingredient percentage. The Contractor shall conduct testing to determine the actual percentage of liquid anti-strip to be used, and submit the results to the Department for verification prior to production.

401.031 Liquid Anti-Strip

The Contractor shall specify the type of liquid anti-strip to be utilized to produce mixtures for use on the project. The required PGAB for mixtures will meet a **PG 58-28** or **PG 64-28** grading. All asphalt grades utilized on the travelway and ramps shall be treated with an approved liquid anti-strip. PG binders shall be unmodified and treated with 0.50 to 1.0 percent anti-strip by weight of asphalt binder used, dependent upon manufacturer and active ingredient percentage. The Contractor shall 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.

Once established, all production methods, equipment, and JMF's will become part of the QCP.

Payments will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
403.207 19.0 mm Hot Mix Asphalt Base	Ton
403.208 12.5 mm Hot Mix Asphalt Surface	Ton
403.210 9.5 mm Hot Mix Asphalt	Ton
403.211 9.5 mm Hot Mix Asphalt Shim	Ton
403.212 4.75 mm Hot Mix Asphalt Shim	Ton
403.213 12.5 mm Hot Mix Asphalt Base	Ton