



Paul R. LePage
GOVERNOR

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

April 4, 2013
Subject: **Bridgewater**
Federal Project No: BH-1786(900)X
State WIN: 17869.00
Amendment No. 1

David Bernhardt
COMMISSIONER

Dear Sir/Ms:

Make the following changes to the Bid Document:

In the Bid Book, after page 106, **ADD** the attached "SPECIAL PROVISION, SECTION 403, HOT MIX ASPHALT OVERLAY" 1 page dated February 12, 2013.

The following questions have been received:

Question: In Section 510(Special Detours), there is a list of items that the Contractor is responsible for delivering to the town of Bridgewater. Are these items only to be supplied if the contractor elects to use the Departments Maybe Bridge? If the Contractor supplies their own detour will they be required to deliver these items?

Response: The Contractor is responsible for delivering the list of items regardless of the method used for the detour.

Question: In the Contract Specifications there is not a Special Provision 403 Specification that lists the pavement thicknesses and complimentary notes. Will the department provide this information?

Response: Please see attached Special Provision 403.

Question: Will the Department accept precast deck segments broken up into approximately 20 ft sections as shown on the attached sketch? The panels will have a shear key that will be grouted by the general contractor as shown on sketch and as per PCI's Full Depth Deck Panel Guidelines.

Response: The Department cannot accept the alternative proposed design due to the lack of sufficient details. Respective bidders should submit their bids according to advertised contract plans and specifications. Alternative designs may be proposed after contract award according to the provisions of section 109 of the Standard Specifications.



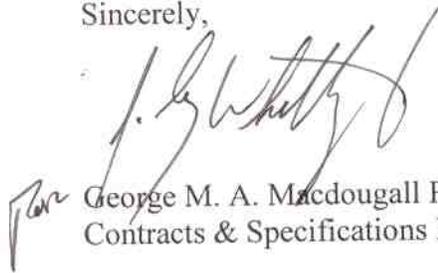
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Question: Will the Department accept block outs in the precast deck panels spaced at 20" c/c along the steel girders to allow room for the headed studs? The void will be grouted by the general contractor after the panel is leveled as per PCI's Full Depth Deck Panel Guidelines.

Response: The Department cannot accept the alternative proposed design due to the lack of sufficient details. Respective bidders should submit their bids according to advertised contract plans and specifications. Alternative designs may be proposed after contract award according to the provisions of section 109 of the Standard Specifications.

Consider this change and information prior to submitting your bid on April 17, 2013.

Sincerely,



George M. A. Macdougall P.E.
Contracts & Specifications Engineer

SPECIAL PROVISION
SECTION 403
HOT MIX ASPHALT OVERLAY

Desc. of Course	Grad Design	Item Number	Bit Cont. % of Mix	Total Thick	No. Of Layers	Comp. Notes
<u>3" Boundary Bridge Deck</u>						
Wearing	12.5mm	403.208	N/A	1 ½"	1	1,4,8
Base	12.5mm	403.213	N/A	1 ½"	1	1,4,8
<u>5" Boundary Line Road</u>						
Wearing	12.5mm	403.208	N/A	1 ½"	1	1,4,8
Base	12.5mm	403.213	N/A	1 ½"	1	1,4,8
Base	12.5mm	403.213	N/A	2"	1	1,4,8
<u>2" Driveways</u>						
Wearing	12.5mm	403.208	N/A	2"	1	1,2,4,10,14

COMPLEMENTARY NOTES

1. The required PGAB for this mixture will meet a **PG 58-28** to **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.
2. The density requirements are waived. The use of an oscillating steel roller shall be required to compact all HMA pavements placed on bridge decks in addition to the normal roller train.
4. 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**.
8. Section 106.6 Acceptance, (2) Method B.
10. Section 106.6 Acceptance, (2) Method D.
14. 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.

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 / intermediate course 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.