June 22, 2009

Subject: South Portland
Federal Project No: STP-1700(800)S
State Pin No: 017008.00
Amendment No. 2

Dear Sir/Ms:

Make the following change to the Bid Document:

In the Bid Book (pages 82 and 83), REMOVE "SPECIAL PROVISION, SECTION 403, HOT MIX ASPHALT OVERLAY" 2 pages dated May 29, 2009 and REPLACE with the attached new "SPECIAL PROVISION, SECTION 403, HOT MIX ASPHALT OVERLAY" 2 pages dated June 18, 2009.

The following questions have been received:

Question: Which traffic signals get the video detection systems?

Response: It is the Maine Mall/Wyndham Hotel/Maine Mall Rd Intersection. Removal of existing traffic loops will be paid as part of item 203.20.

Question: Will ATPB and OGFC be required for chinking curb? Will the longitudinal joints require 64-28 liquid for a tack coat?

Response: ATPB and OGFC are not required for chinking curbs. Longitudinal joints do not require 64-28 liquid for tack coat.

Consider this change and information prior to submitting your bid on June 24, 2009.

Sincerely,

Scott Bickford
Contracts & Specifications Engineer
**SPECIAL PROVISION**

**SECTION 403**

**HOT MIX ASPHALT OVERLAY**

<table>
<thead>
<tr>
<th>Desc. of Course</th>
<th>Grad. Design</th>
<th>Item Number</th>
<th>Bit Cont. % of Mix</th>
<th>Total Thick</th>
<th>No. Of Layers</th>
<th>Comp. Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Porous Pavement Mainline Travelway and Shoulders</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Full Construction Areas</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wearing</td>
<td>12.5mm</td>
<td>404.31</td>
<td>N/A</td>
<td>3”</td>
<td>1</td>
<td>1,4,9,19</td>
</tr>
<tr>
<td>Base</td>
<td>19.0mm</td>
<td>404.30</td>
<td>N/A</td>
<td>6”</td>
<td>1</td>
<td>1,4,20</td>
</tr>
<tr>
<td>1 ¼” HMA Mill and Overlay Areas - Mainline Travelway and Shoulders</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wearing</td>
<td>9.5mm</td>
<td>403.2101</td>
<td>N/A</td>
<td>1 ¼”</td>
<td>1</td>
<td>1,5,8</td>
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<tr>
<td>Shim</td>
<td>9.5mm</td>
<td>403.211</td>
<td>N/A</td>
<td>variable</td>
<td>1</td>
<td>2,5,10,11</td>
</tr>
<tr>
<td>Sidewalks, Islands, Misc.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wearing</td>
<td>9.5mm</td>
<td>403.209</td>
<td>N/A</td>
<td>2”</td>
<td>1/more</td>
<td>2,3,10,11,14</td>
</tr>
</tbody>
</table>

**COMPLEMENTARY NOTES**

1. The required PGAB for this mixture will meet a **PG 76-28** grading. The use of Recycled Asphalt Pavement (RAP) will not be permitted in mixtures utilizing modified PGAB’s.
2. The density requirements are waived.
3. The design traffic level for mix placed shall be <0.3 million ESALS.
4. The aggregate qualities shall meet the design traffic level of 3 to <10 million ESALS for mix placed under this contract. OGFC pavements shall be designed and evaluated at **50 gyrations**. ATPB Pavements shall be designed and evaluated at **35 gyrations**.
5. The aggregate qualities shall meet the design traffic level of 3 to <10 million ESALS for mix placed under this contract. The design, verification, Quality Control, and Acceptance tests for this mix will be performed at **75 gyrations**.
8. Section 106.6 Acceptance, (2) Method B.
9. Section 106.6 Acceptance, (1) Method C.
10. Section 106.6 Acceptance, (2) Method D.
11. 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. A 4.75mm mixture may be substituted for the island and sidewalk surface layers.
14. A mixture meeting the requirements of section 703.09 Grading ‘D’, with a minimum PGAB content of 6%, and meeting the gradation limits of Section 703 – Aggregates, subsection 703.09 - Mixture Composition, may be substituted for this item. A job mix formula shall be submitted to the Department for approval.
19. Refer to Special Provision 404.31 – Open Graded Friction Course Special Provision for project specifics.
20. Refer to Special Provision 404.30 – Asphalt Treated Permeable Base Special Provision for project specifics.
Tack Coat
Unless otherwise outlined in the contract, a tack coat of emulsified asphalt, RS-1, Item 409.15 shall be applied to any existing pavement or recycled layer 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.