



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

Janet T. Mills
GOVERNOR

Bruce A. Van Note
COMMISSIONER

March 23, 2021
Subject: Pavement Milling, HMA Overlay
& Cyclical Pavement Resurfacing with
Drainage & Safety Improvements
State WINs: 024881.00, 024883.00 &
024885.00
Location: **Sidney & Augusta**
Amendment No. 1

Dear Sir/Ms.:

Please make the following changes to the Bid Documents:

In the Bid Book:

REMOVE pages 125 - 126, SPECIAL PROVISION – SECTION 403 – HOT MIX ASPHALT, 2 pages, dated February 24, 2021, and **REPLACE** with the attached, revised SPECIAL PROVISION – SECTION 403 – HOT MIX ASPHALT, 2 pages, REVISED March 11, 2021.

The following question has been received:

Question: 9.5mm item 461.210 states the liquid is 64E, Shouldn't the item number be 461.2101?

Response: See above changes to SPECIAL PROVISION – SECTION 403 – HOT MIX ASPHALT. Polymer is NOT required; however, an anti-strip will be required.

Consider these changes and information prior to submitting your bid on **March 31, 2021**.

Sincerely,

A handwritten signature in blue ink that reads 'George Macdougall'.

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

SPECIAL PROVISION
SECTION 403
HOT MIX ASPHALT

Desc. Of Course	Grad Design.	Item Number	Total Thick	No. Of Layers	Comp. Notes
<u>¾” HMA Overlay with Variable Depth Shim</u>					
<u>Travelway & Shoulders (As Indicated)</u>					
Wearing	9.5 mm	461.210	¾”	1	1,4,10,24,30
Shim	6.3 mm	461.216	Variable	1/more	3,10,27,30
<u>1” Mill & HMA Overlay</u>					
<u>Bridge Decks (As Indicated)</u>					
Wearing	9.5 mm	461.210	1”	1	1,4,10,24,30
<u>024883.00 - Shoulder Rehab Areas (As Indicated)</u>					
Wearing	9.5 mm	461.210	¾”	1	1,4,10,24,30
Shim	6.3 mm	461.216	Variable	1/more	3,10,27,30
Base	12.5 mm	403.213	2”	1	4,10,30,32
<u>Drives, Misc. (As Directed)</u>					
Wearing	9.5 mm	403.209	Variable	1/more	3,20,30

COMPLEMENTARY NOTES

1. The required PGAB for this mixture will meet a **PG 64-28** grading. All asphalt grades utilized on the travelway and shoulders shall be treated with an approved liquid anti-strip. PG binders shall be treated with a minimum 0.50 percent anti-strip by weight of asphalt binder used unless otherwise recommended by the anti-strip manufacturer. The PGAB and anti-strip blend shall meet the **PG 64-28** requirements. The Contractor shall provide supporting test data showing the PGAB and anti-strip blend meet the required criteria.
3. The design traffic level for mix placed shall be <3 million ESALS. The design, verification, Quality Control, and Acceptance tests for this mix will be performed at **65 gyrations**.
4. 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 **65 gyrations**.
10. Section 106.6 Acceptance, (2) **Method D** as specified Section 401.21 - Quality Assurance Methods B and D. The Contractor may request a contract modification to change to testing method “C” prior to work starting on this item.
20. The combined aggregate gradation required for this item shall be classified as a 9.5mm Thin Lift Mixture (TLM) mixture, using the Aggregate Gradation Control Points as defined in 703.09.
24. See Special Provision 461 - Cyclical Pavement Resurfacing
27. See Special Provision 461 - Cyclical Pavement Resurfacing (6.3 mm NMAS Mixture)
30. The incentive/disincentive provisions for density shall not apply. Rollers shall meet the requirements of this special provision. The use of an oscillating steel roller shall be required to compact all mixtures pavements placed on bridge decks.

Sidney, Augusta
024881.00, 024883.00, 024885.00
Route 104, Route 105, Leighton Road
Cyclical Pavement Resurfacing
REVISED - March 11, 2021

32. In areas inaccessible to a **10 ton** roller, compaction of the new Hot Mix Asphalt Pavement will be obtained using a minimal roller train consisting of a **3-5 ton** vibratory roller. Areas less than 2 feet wide shall be compacted with a minimum of a **150 pound** plate compactor. An approved release agent is required to ensure the mixture does not adhere to hand tools, rollers, pavers, and truck bodies. The use of petroleum based fuel oils, or asphalt stripping solvents will not be permitted.

Tack Coat

A tack coat of emulsified asphalt, RS-1, RS-1h, CRS-1 or CRS-1h, Item 409.15 shall be applied to any existing pavement at a rate of approximately 0.030 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 surface course as well as to any bridge membrane prior to the placement of HMA layers at a rate not to exceed 0.030 gal/yd². Tack used will be **paid for at the contract unit price** for Item 409.15 Bituminous Tack Coat.