



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

Paul R. LePage  
GOVERNOR

March 17, 2011  
Subject: **Yarmouth**  
Federal Project No's: STP-1734(600)X &  
STP-1793(200)X  
State PINs: 017346.00 & 017932.00  
**Amendment No. 1**

David Bernhardt  
COMMISSIONER

Dear Sir/Ms:

Make the following changes to the Bid Documents:

In the Bid Book (pages 4 thru7) **REMOVE** the "SCHEDULE OF ITEMS" 4 pages dated 110224 and **REPLACE** with the attached new "SCHEDULE OF ITEMS" 4 pages dated 110312.

In the Bid Book (page 22) **REMOVE** the enlarged/incomplete "TITLE SHEET" and **REPLACE** it with the attached "YARMOUTH, U.S. ROUTE1, TITLE SHEET", 1 page total.

In the Bid Book (pages 92 and 93) **REMOVE** "SPECIAL PROVISION, SECTION 403, HOT MIX ASPHALT OVERLAY" 2 pages dated February 24, 2011 and **REPLACE** with the attached new "SPECIAL PROVISION, SECTION 403, HOT MIX ASPHALT OVERLAY" 2 pages dated March 11, 2011.

The following questions have been received:

**Question:** Would the Department review items 403.210 & 403.211, there appears to be an overstatement of 9.5mm surface and an underestimate of 9.5mm shim. Is this correct?

**Response:** Please see the attached new Schedule of Items.

Consider these changes and information prior to submitting your bid on March 23, 2011.

Sincerely,

For Scott Bickford  
Contracts & Specifications Engineer



PRINTED ON RECYCLED PAPER

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: 017346.00

PROJECT(S): STP-1734(600)  
STP-1793(200)X

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
SECTION 0001 PROJECT ITEMS						
0010	202.202 REMOVING PAVEMENT SURFACE	7310.000 SY				
0020	202.203 PAVEMENT BUTT JOINTS	1940.000 SY				
0030	203.20 COMMON EXCAVATION	500.000 CY				
0040	203.242 DIRTY BORROW	120.000 CY				
0050	304.10 AGGREGATE SUBBASE COURSE - GRAVEL	400.000 CY				
0060	403.208 HOT MIX ASPHALT 12.5 MM HMA SURFACE	3500.000 T				
0070	403.209 HOT MIX ASPHALT 9.5 MM (SIDEWALKS, DRIVES, INCIDENTALS)	170.000 T				
0080	403.210 HOT MIX ASPHALT 9.5 MM	450.000 T				
0090	403.211 HOT MIX ASPHALT (SHIMMING)	2100.000 T				
0100	403.213 HOT MIX ASPHALT 12.5 MM BASE	120.000 T				

SCHEDULE OF ITEMS

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STP-1793(200)X

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0110	409.15 BITUMINOUS TACK COAT - APPLIED	3000.000 G				
0120	411.10 UNTREATED AGGREGATE SURFACE COURSE (TRUCK MEASURE)	10.000 CY				
0130	527.303 ENERGY ABSORBING SYSTEM (ET-PLUS)	1.000 EA				
0140	603.15 12 INCH CULVERT PIPE OPTION I	40.000 LF				
0150	604.164 REBUILDING CATCH BASIN	2.000 EA				
0160	604.18 ADJUSTING MANHOLE OR CATCH BASIN TO GRADE	12.000 EA				
0170	604.246 CATCH BASIN TYPE F5	1.000 EA				
0180	605.11 12 INCH UNDERDRAIN TYPE C	40.000 LF				
0190	606.353 REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	2.000 EA				
0200	609.31 CURB TYPE 3	1950.000 LF				
0210	609.38 RESET CURB TYPE 1	25.000 LF				

SCHEDULE OF ITEMS

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STP-1793(200)X

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0220	609.40 RESET CURB TYPE 5	25.000 LF				
0230	613.319 EROSION CONTROL BLANKET	270.000 SY				
0240	618.13 SEEDING METHOD NUMBER 1	10.000 UN				
0250	619.12 MULCH	10.000 UN				
0260	627.733 4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	37650.000 LF				
0270	627.75 WHITE OR YELLOW PAVEMENT & CURB MARKING	4400.000 SF				
0280	627.76 TEMPORARY PAVEMENT MARKING LINE, WHITE OR YELLOW	LUMP	LUMP			
0290	629.05 HAND LABOR, STRAIGHT TIME	40.000 HR				
0300	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	40.000 HR				
0310	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	70.000 HR				
0320	639.19 FIELD OFFICE TYPE B	1.000 EA				

SCHEDULE OF ITEMS

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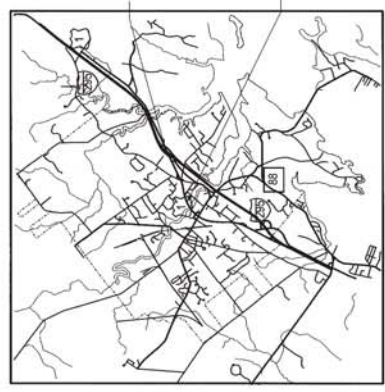
CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0330	643.86 TRAFFIC SIGNAL LOOP DETECTORS	6.000 EA				
0340	652.33 DRUM	10.000 EA				
0350	652.34 CONE	180.000 EA				
0360	652.35 CONSTRUCTION SIGNS	1380.000 SF				
0370	652.36 MAINTENANCE OF TRAFFIC CONTROL DEVICES	90.000 CD				
0380	652.38 FLAGGER	1860.000 HR				
0390	652.41 PORTABLE CHANGEABLE MESSAGE SIGN	2.000 EA				
0400	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP	LUMP			
0410	659.10 MOBILIZATION	LUMP	LUMP			
	TOTAL BID					

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

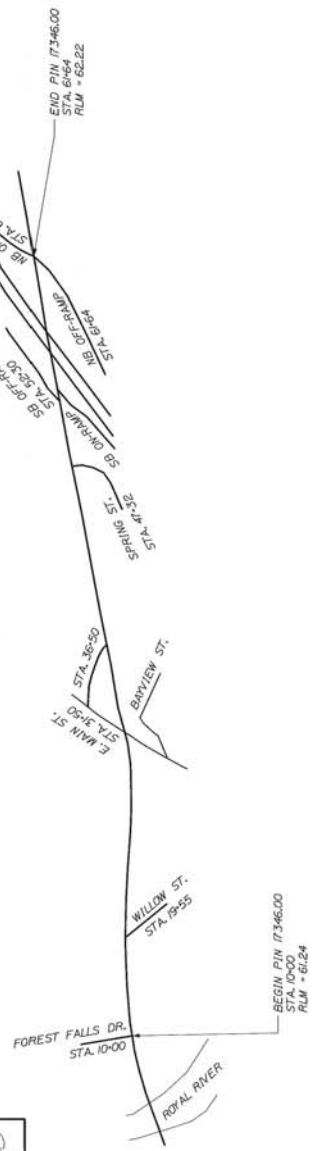


**YARMOUTH**  
CUMBERLAND COUNTY  
U.S. ROUTE 1  
**STP-1734(600)X**  
PROJECT LENGTH : 0.978 MILES  
PRESERVATION



END PIN 17346.00  
STA. 6124  
RLM = 62.22

BEGIN PIN 17346.00  
STA. 1000  
RLM = 61.24



NOT TO SCALE

**TRAFFIC DATA**

Current (2011) AADT	15490
Future (2023) AADT	17350
DHV - % of AADT	14%
Design Hour Volume	2341
% Heavy Trucks (ADT)	4%
% Heavy Trucks (DHV)	4%
Directional Distribution (DHV)	60%
18 kip Equivalent P 2.0	614
18 kip Equivalent P 2.5	585
Design Speed (mph)	40
Functional Class:	MAJ. COL.

PROGRAM AREA: HIGHWAY PROGRAM - REGION 1  
SCOPE OF WORK: MILL AND FILL

SHEET NUMBER  
**1**  
OF 1

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE	2/15/11
COMMISSIONER	THREE ENGINEERS	DATE	2-11-11
SIGNATURE	P.E. NUMBER	PROJECT INFORMATION	
	12277	PROJECT NUMBER	YARMOUTH
		PROJECT NAME	U.S. ROUTE 1
		PROJECT LOCATION	TITLE SHEET
		PROJECT DATE	STP-1734(600)X
		PROJECT PIN	PIN 17346.00

**SPECIAL PROVISION**  
**SECTION 403**  
**HOT MIX ASPHALT OVERLAY**

<b>Desc. of Course</b>	<b>Grad. Design</b>	<b>Item #</b>	<b>Bit Cont. % of Mix</b>	<b>Total Thick</b>	<b>No. of Layers</b>	<b>Comp. Notes</b>
<u><b>3/4" HMA Overlay Areas</b></u>						
<u><b>Mainline Travelway, Shoulder, Sideroads</b></u>						
Wearing	9.5mm	403.210	N/A	3/4"	1	4,8,11,20,22
Shim	9.5mm	403.211	N/A	variable	1/more	2,4,9,11,20
<u><b>1 1/2" HMA Overlay Areas</b></u>						
<u><b>Travelway, Shoulder, Turnlanes, Entrances</b></u>						
Wearing	12.5mm	403.208	N/A	1 1/2"	1	4,9,20
Shim	9.5mm	403.211	N/A	variable	1/more	2,4,9,11,20
<u><b>Shoulder Repair Areas</b></u>						
Base	12.5mm	403.213	N/A	4"	2/more	2,4,10
<u><b>Dives, Misc.</b></u>						
Wearing	9.5mm	403.209	N/A	3/4" – 1 1/2"	1/more	2,3,10,11,14

**COMPLEMENTARY NOTES**

2. The density requirements are waived.
3. The design traffic level for mix placed shall be <0.3 million ESALS.
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 **75 gyrations**.
8. Section 106.6 Acceptance, (2) Method B.
9. 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.
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.
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.

20. The Contractor may place the specified HMA pavement course, not to exceed 1 1/2" inch (45mm) 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 652 items.
22. See Special Provision 401 – 3/4 inch (20mm) Surface Treatment for project 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/yd<sup>2</sup>, and on milled pavement approximately 0.05 gal/yd<sup>2</sup> prior to placing a new course. A fog coat of emulsified asphalt shall be applied between shim /base courses and the surface course.

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