



Paul R. LePage
GOVERNOR

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

David Bernhardt
COMMISSIONER

March 14, 2016
Subject: Milling/Overlay with
Drainage & Safety
Improvements
State WIN: 018788.00
Location: **Madawaska**
Amendment No. 1

Dear Sir/Ms:

Make the following change to the Bid Documents:

REMOVE pages 17 thru 20, "Proposal Schedule of Items" dated 2/18/2016 and **REPLACE** with the attached revised "Proposal Schedule of Items", 4 pages, dated 2/25/2016.

REMOVE, page 36 thru 39, "Construction Notes," dated 2/16/2016 and **REPLACE** with attached revised "Construction Notes", 4 pages, dated 2/25/2016.

REMOVE, page 43 thru 46, "Construction Notes dated 2/12/2016 and **REPLACE** with attached revised "Construction Notes", 4 pages, dated 2/25/2016.

REMOVE, page 88 thru 89, "SPECIAL PROVISION, SECTION 812, SEWER MANHOLE", dated 12/3/2015 and **REPLACE** with attached revised "SPECIAL PROVISION, SECTION 812, SEWER MANHOLE", 2 pages, dated 2/24/2016.

The following question has been received:

Question: On the proposal schedule of items its listing item number 403.210 hot mix asphalt 9.5mm as wearing course with 1630 total tons. But on the Special Provision Section 403 there is not a 403.210 instead its showing 403.208 12.5mm as the wearing course. Which one is going to be the actual wearing course for the HMA overlays (mainline); 403.210 or 403.208?

Response: Please see new Schedule of Items dated 2/25/2016.

Consider this change and information prior to submitting your bid on **March 16, 2016**



PRINTED ON RECYCLED PAPER

Sincerely,

A handwritten signature in blue ink, appearing to read "George M. A. Macdougall". The signature is fluid and cursive, with the first name being the most prominent.

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

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 018788.00

Project(s): 018788.00, 018789.00

SECTION: 1 HIGHWAY ITEMS

Alt Set ID: Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0010	202.202 REMOVING PAVEMENT SURFACE	18,370.000 SY	_____	_____	_____	_____
0020	403.208 HOT MIX ASPHALT 12.5 MM HMA SURFACE	1,630.000 T	_____	_____	_____	_____
0030	403.209 HOT MIX ASPHALT 9.5 MM (SIDEWALKS, DRIVES, INCIDENTALS)	50.000 T	_____	_____	_____	_____
0040	403.211 HOT MIX ASPHALT (SHIMMING)	270.000 T	_____	_____	_____	_____
0050	403.213 HOT MIX ASPHALT 12.5 MM BASE	90.000 T	_____	_____	_____	_____
0060	409.15 BITUMINOUS TACK COAT - APPLIED	1,050.000 G	_____	_____	_____	_____
0070	411.10 UNTREATED AGGREGATE SURFACE COURSE (TRUCK MEASURE)	50.000 CY	_____	_____	_____	_____
0080	424.37 CRACK REPAIR	330.000 LF	_____	_____	_____	_____
0090	604.161 ALTERING CATCH BASIN	9.000 EA	_____	_____	_____	_____
0100	604.164 REBUILDING CATCH BASIN	2.000 EA	_____	_____	_____	_____
0110	604.18 ADJUSTING MANHOLE OR CATCH BASIN TO GRADE	38.000 EA	_____	_____	_____	_____
0120	605.09 6 INCH UNDERDRAIN TYPE B	200.000 LF	_____	_____	_____	_____

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 018788.00

Project(s): 018788.00, 018789.00

SECTION: 1 HIGHWAY ITEMS

Alt Set ID: Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0130	608.10 BRICK SIDEWALK, REMOVE AND REBUILD	5.000 SY	_____	 _____	_____	 _____
0140	608.26 CURB RAMP DETECTABLE WARNING FIELD	80.000 SF	_____	 _____	_____	 _____
0150	608.46 REGRADING SIDEWALK	300.000 SY	_____	 _____	_____	 _____
0160	609.11 VERTICAL CURB TYPE 1	34.000 LF	_____	 _____	_____	 _____
0170	609.12 VERTICAL CURB TYPE 1 - CIRCULAR	28.000 LF	_____	 _____	_____	 _____
0180	609.238 TERMINAL CURB TYPE 1 - 8 FOOT	15.000 EA	_____	 _____	_____	 _____
0190	609.2381 TERMINAL CURB TYPE 1 - 8' CIRCULAR	3.000 EA	_____	 _____	_____	 _____
0200	609.38 RESET CURB TYPE 1	140.000 LF	_____	 _____	_____	 _____
0210	615.07 LOAM	20.000 CY	_____	 _____	_____	 _____
0220	618.13 SEEDING METHOD NUMBER 1	2.000 UN	_____	 _____	_____	 _____
0230	619.12 MULCH	2.000 UN	_____	 _____	_____	 _____
0240	627.733 4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	18,150.000 LF	_____	 _____	_____	 _____

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 018788.00

Project(s): 018788.00, 018789.00

SECTION: 1 HIGHWAY ITEMS

Alt Set ID: Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0250	627.75 WHITE OR YELLOW PAVEMENT & CURB MARKING	1,690.000 SF	_____	 _____	_____	 _____
0260	627.78 TEMPORARY 4 INCH PAINTED PAVEMENT MARKING LINE, WHITE OR YELLOW	22,240.000 LF	_____	 _____	_____	 _____
0270	629.05 HAND LABOR, STRAIGHT TIME	30.000 HR	_____	 _____	_____	 _____
0280	631.10 AIR COMPRESSOR (INCLUDING OPERATOR)	20.000 HR	_____	 _____	_____	 _____
0290	631.11 AIR TOOL (INCLUDING OPERATOR)	20.000 HR	_____	 _____	_____	 _____
0300	631.212 SMALL PAVEMENT GRINDER (INCLUDING OPERATOR)	10.000 HR	_____	 _____	_____	 _____
0310	631.32 CULVERT CLEANER (INCLUDING OPERATOR)	10.000 HR	_____	 _____	_____	 _____
0320	639.18 FIELD OFFICE TYPE A	1.000 EA	_____	 _____	_____	 _____
0330	652.34 CONE	140.000 EA	_____	 _____	_____	 _____
0340	652.35 CONSTRUCTION SIGNS	1,140.000 SF	_____	 _____	_____	 _____
0350	652.36 MAINTENANCE OF TRAFFIC CONTROL DEVICES	75.000 CD	_____	 _____	_____	 _____

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 018788.00

Project(s): 018788.00, 018789.00

SECTION: 1 HIGHWAY ITEMS

Alt Set ID: Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0360	652.38 FLAGGER	1,070.000 HR	_____	_____	_____	_____
0370	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP SUM	LUMP SUM	_____	_____	_____
0380	659.10 MOBILIZATION	LUMP SUM	LUMP SUM	_____	_____	_____
0390	812.162 ADJUSTING SEWER MANHOLE TO GRADE	18.000 EA	_____	_____	_____	_____
0400	823.011 GATE VALVE BOX, INSTALL ONLY	3.000 EA	_____	_____	_____	_____
0410	823.332 GATE VALVE BOX, ADJUST TO GRADE	11.000 EA	_____	_____	_____	_____
Section: 1			Total:		_____	_____
			Total Bid:		_____	_____

Construction Notes

202.202 Removing Pavement Surface

<u>Description</u>	<u>Station</u>	<u>Station</u>	<u>Width</u>
Mainline 1 1/2" Depth Existing Drives	10+00	18+10	variable

Item will involve milling curb to curb.
 Millings will become the property of the contractor.

403.211 Hot Mix Asphalt (Shim)

1/2" shim on all pavement removal areas

403.213 Hot Mix Asphalt 12.5mm Base

4" Depth in front of New Curb areas

604.161 Altering Catch Basin

<u>Left</u>	<u>Right</u>
<u>Station</u>	<u>Station</u>
10+29	10+97
12+53	12+57
16+58	14+08
17+61	17+08

604.164 Rebuilding Catch Basin

<u>Left</u>	<u>Right</u>
11+26	15+42

604.18 Adjust Manhole or Catch Basin to Grade

<u>Left</u>	<u>Right</u>
13+54	16+58
15+48	

Construction Notes

608.10 Brick Sidewalk, Remove & Rebuild

<u>Left</u>			<u>Right</u>		
<u>Station</u>	<u>Station</u>	<u>Width</u>	<u>Station</u>	<u>Station</u>	<u>Width</u>
16+72	16+74	3	13+81	13+84	3
			14+45	14+49	3
			14+71	14+75	3

608.26 Curb Ramp Detectable Warning Field

Each area will consist of a 2'W x 2'L section and a 2'W x 3' L section

<u>Left</u>		<u>Right</u>	
<u>Station</u>	<u>Station</u>	<u>Station</u>	<u>Station</u>
13+55	13+61	13+67	13+73
Mill St South side			
Mill St North side			
14+57	14+63	14+57	14+63
16+82	16+88	16+82	16+88

608.46 Regrading sidewalk

<u>Left</u>			<u>Right</u>		
<u>Station</u>	<u>Station</u>	<u>Width</u>	<u>Station</u>	<u>Station</u>	<u>Width</u>
13+35 to Mill St South side		5'	13+56	13+81	8'
Mill St North side to 14+36		5'	14+49	14+71	9'
14+36	14+77	8'	16+74	16+96	8'
16+72	16+96	8'			

609.11 Vertical Curb Type 1

<u>Left</u>		<u>Right</u>	
<u>Station</u>	<u>Station</u>	<u>Station</u>	<u>Station</u>
13+35	13+47	13+56	13+59
14+71	14+77	13+81	13+84
16+72	16+74	14+45	14+49
		14+71	14+75

Note:

Curb shall be secured in concrete.

Construction Notes

609.12 Vertical Curb Type 1- Circular

Mill St north to 14+49 LT

Note:

Curb shall be secured in concrete.

609.238 Terminal Curb Type 1- 8'

<u>Left</u>		<u>Right</u>	
13+47	13+55	13+59	13+67
Mill Street South side (3 sections)		13+73	13+81
Mill Street North side (1 section)		14+49	14+57
14+49	14+57	14+63	14+71
14+63	14+71	16+74	16+82
16+74	16+82	16+88	16+96
16+88	16+96		

Note:

Curb shall be secured in concrete.

609.2381 Terminal Curb Type 1- 8' Circular

Mill Street North side- 2 sections
13+62 Left to Mill Street South- 1 section

Note:

Curb shall be secured in concrete.

627.733 – 4' White or Yellow Painted Pavement Marking Line

- Final striping will not commence until 10 days have elapsed from the completion of surface pavement and must be completed within 20 days of the completion of surface pavement. Unless otherwise directed, failure to comply will result in a Traffic Control Violation.
- Once construction is complete, Maintenance of Traffic Control Devices (652.36) will not be paid while waiting to final stripe.
- Once construction is complete, liquidated damages will not be charged while waiting to final stripe.

Construction Notes

627.78 – Temporary 4” Painted Pavement Marking Line, White or Yellow

- Temporary center lines shall be painted on all matched pavement within one week.
- Temporary edge lines shall be painted on all pavement layers within four weeks.
- All temporary lines shall be painted prior to final striping.
- Multilane sections, truck lanes, and milled surfaces must be striped daily on all matched pavement layers.
- TOMs must be used on all pavement layers until temporary paint is applied.
- TOMs will be removed before final striping.
- TOM removal will be addressed in the Traffic Control Plan.
- Only painted temporary line will be paid under this item. TOMs will be considered incidental to the contract.

812.162 Adjusting Sewer Manhole to Grade

Locations will be identified by the Town of Madawaska

823.332 Gate Valve Box, Adjust to Grade

Location will be identified by Madawaska Water District

Construction Notes

202.202 Removing Pavement Surface

<u>Description</u>	<u>Station</u>	<u>Station</u>	<u>Width</u>
Mainline 1 ½" Depth	10+00	64+59	variable

Item will involve milling the mainline from edge line to edge line.
 Millings will become the property of the contractor.

403.211 Hot Mix Asphalt (Shim)

Item will be used if delamination occurs of the milled surface

403.213 Hot Mix Asphalt 12.5mm Base

Item will be used to patch around catch basins, sewer manholes and the 6" Underdrain - Type B install location (see Item 605.09).

411.10 Untreated Aggregate Surface Course –Truck Measure

Item will be used in driveways and entrances, as directed by the Resident.
 Material meeting the gradation requirements of Item# 204.21, Add Shoulder Aggregate, may also be used.

604.161 Altering Catch Basin

<u>Side</u>	<u>Station</u>
LT	56+50

604.18 Adjust Manhole or Catch Basin to Grade

	<u>Left</u>		<u>Right</u>	
15+69	30+63	49+35	20+73	45+95
18+90	32+78	51+64	25+53	49+43
20+48	34+89	56+50	30+97	49+91
23+34	39+18	57+90	32+96	53+90
25+53	41+39	60+46	34+91	58+27
26+02	43+41	64+14	38+28	62+16
29+10	47+80		41+17	64+14
			43+32	

Construction Notes

605.09 6" Underdrain - Type B

<u>Station</u>	<u>Station</u>	<u>Length</u>
20+50	22+50 Left	200 LF

Underdrain Elevations (approximate based on original cross sections):

20+50 = 498.937
21+00 = 498.687
21+50 = 498.437
22+00 = 498.187
22+50 = 497.937

Based on original cross sections, underdrain flowline is installed between 3.3' and 4.7' (22+50) below existing gutter line. (3.3' at Station 20+50 and 4.7' at Station 22+50)

609.38 Reset Curb Type 1

<u>Station</u>	<u>Station</u>
20+44	20+65 Left
21+13	21+30 Left
21+56	22+50 Left

627.733 – 4" White or Yellow Painted Pavement Marking Line

- Final striping will not commence until 10 days have elapsed from the completion of surface pavement and must be completed within 20 days of the completion of surface pavement. Unless otherwise directed, failure to comply will result in a Traffic Control Violation.
- Once construction is complete, Maintenance of Traffic Control Devices (652.36) will not be paid while waiting to final stripe.
- Once construction is complete, liquidated damages will not be charged while waiting to final stripe.

Construction Notes

627.78 – Temporary 4” Painted Pavement Marking Line, White or Yellow

- Temporary center lines shall be painted on all matched pavement within one week.
- Temporary edge lines shall be painted on all pavement layers within four weeks.
- All temporary lines shall be painted prior to final striping.
- Multilane sections, truck lanes, and milled surfaces must be striped daily on all matched pavement layers.
- TOMs must be used on all pavement layers until temporary paint is applied.
- TOMs will be removed before final striping.
- TOM removal will be addressed in the Traffic Control Plan.
- Only painted temporary line will be paid under this item. TOMs will be considered incidental to the contract.

629 & 631 Hourly Items

Primary use of the 631.12 All Purpose Excavator and 631.172 Truck-Large items will be for removal of excess material from in-slopes and ditches. Cleaning of pavement following rental work will be considered incidental to the rental items, and will be done daily to the satisfaction of the Resident.

629.05 Hand Labor will be used for the concrete patching of 3 Catch Basin tops @:
Sta. 22+54 RT
Sta. 32+65 LT
Sta. 35+30 RT

812.162 Adjusting Sewer Manhole to Grade

<u>Left</u>	<u>Right</u>
29+93	13+49
32+28	55+28
34+66	58+38
36+09	60+89
37+43	62+76
40+58	
43+59	
45+56	
48+05	
50+53	
52+05	
53+88	

Construction Notes

823.011 Gate Valve Box, Install

Locations will be identified by the Town of Madawaska

823.332 Gate Valve Box, Adjust to Grade

Locations will be identified by the Madawaska Water District

Town: **Madawaska**
Project: **NHPP-1878(800)**
Project: **NHPP-1878(900)**
Date: **February 24, 2016**

SPECIAL PROVISION
SECTION 812
SEWER MANHOLE

Adjusting Sewer Manhole Frame and Cover to Grade

Description This work shall consist of adjusting sewer manhole frame and cover to grade as indicated in the Bid Book, Plans, or as directed by the Resident.

Adjusting Sewer Manhole shall consist of removing the frame and cover, removing and re-installing concrete rings, and adjusting a manhole frame to the required final grade, slope and height including any temporary lowering for milling and any other adjustments that may be necessary prior to setting the final grade and in accordance with this Section and Section 604 - Manholes, Inlets, and Catch Basins.

Method of Adjustment

The Contractor shall saw cut the existing pavement for the patch at least two feet away from the nearest edge of the structure.

The existing sewer frame/cover, and bricks shall be removed and sewer frame/cover adjustment shall be achieved using Ladtech HDPE adjusting rings or other materials approved by the City/District. The new frame, cover and Ladtech HDPE adjusting rings will be supplied for all sewer manholes by the City/District.

All HMA for patching around adjusted, altered, or rebuilt utility structures shall meet the gradation requirements of a 9.5 mm or 12.5 mm mixture. The Contractor shall place HMA in lifts of 3" or less, as directed by the resident, and compact the HMA using a minimum of a 150 pound plate compactor. HMA for patching around adjusted, altered, or rebuilt utility structures is considered incidental to the respective pay item for adjust, alter, or rebuild utility structure.

All salvaged material not reused (frames and covers) for adjustments shall remain the property of the Contractor unless otherwise directed.

Each manhole that is adjusted shall be cleaned of all accumulated silt, debris and other foreign matter before final acceptance of the work and such cleaning shall be considered incidental to the adjust item.

Manhole frame finish grade tolerance shall be 0" above and 1/4" below finished pavement grade.

Town: **Madawaska**
Project: **NHPP-1878(800)**
Project: **NHPP-1878(900)**
Date: **February 24, 2016**

Method of Measurement Adjusted Sewer manhole will be measured by the unit price each, complete and in place.

Basis of Payment Adjusted Sewer Manhole item shall be full compensation for all equipment, labor, concrete rings, brick and incidental materials (including pavement) necessary to adjust the sewer manhole frame and cover to grade as specified above.

<u>Pay Item</u>	<u>Pay Unit</u>
812.162 Adjusted Sewer Manhole Frame and Cover to Grade	Each