



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

Janet T. Mills  
GOVERNOR

Bruce A. Van Note  
COMMISSIONER

April 14, 2023  
Subject: Pavement Milling, HMA  
Overlay & Ultra-Thin Bonded Wearing  
Course  
State WIN: 025961.00  
Location: **Old Orchard Beach &  
Scarborough  
Amendment No. 1**

Dear Sir/Ms.:

Please make the following changes to the Bid Documents:

In the Bid Book:

**REMOVE** pages 17 – 20, “Proposal Schedule of Items”, 4 pages, dated 3/30/2023, and **REPLACE** with the attached, revised "Proposal Schedule of Items", 4 pages, dated 4/11/2023.

**REMOVE** pages 37-41 "CONSTRUCTION NOTES", 5 pages, dated 3/21/2023, and **REPLACE** with the attached "Construction Notes" dated 4/13/2023

**ADD** the attached SPECIAL PROVISION - SECTION 609 – CURB - STRUCTURAL CONCRETE - (Slipform Concrete Curb) dated February 15, 2023.

The following questions have been received:

**Question:** Please supply special provision/details for item 502.49 that include work to be done at each location, I need work, concrete type, thickness/ testing requirements/ gravel types and thicknesses to bid this item.

**Response:** See revised Proposal Schedule of Items dated 4/11/2023. Item 502.49 has been replaced by Item 608.08.

**Question:** Can you please clarify and supply a detail for the concrete slip form curb?  
I cant find an item description for it. Need to know what’s included in the item.

**Response:** See the attached SPECIAL PROVISION - SECTION 609 – CURB - STRUCTURAL CONCRETE - (Slipform Concrete Curb) dated March 4, 2021.

**Question:** Under the slipform curb item there is 1525 lf in them items, however there is only approx 58 lf called out. Where is the remaining 1467' going?

**Response:** The remaining will be used to replace most of the curb on the right side of Union Avenue in Old Orchard Beach.

**Question:** The total tons of 403.102 hot mix asphalt special areas does not seem to mirror the road base repair item. Can you please clarify where the additional mix might be used?


**Response:** Additional tonnage was added for Undetermined Locations.

**Question:** On the reset curb item if the curbing is found to be concrete encased will there be additional pay to remove the concrete?

**Response:** There will not be additional pay to remove curbing encased in concrete, unless the total pieces removed total more than 2 CY each.

Consider these changes and information prior to submitting your bid on **April 19, 2023**.

Sincerely

 for

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

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 025961.00

Project(s): 025961.00, 025965.00, 025969.00

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	35,420.000 SY	_____	 _____	_____	 _____
0020	202.203 PAVEMENT BUTT JOINTS	1,570.000 SY	_____	 _____	_____	 _____
0030	204.50 ROAD BASE REPAIR AREAS	350.000 SY	_____	 _____	_____	 _____
0040	403.102 HOT MIX ASPHALT PAVEMENT - SPECIAL AREAS	210.000 T	_____	 _____	_____	 _____
0050	403.209 HOT MIX ASPHALT 9.5 MM (SIDEWALKS, DRIVES, INCIDENTALS)	150.000 T	_____	 _____	_____	 _____
0060	403.2101 9.5 MM POLYMER MODIFIED HMA	2,900.000 T	_____	 _____	_____	 _____
0070	403.211 HOT MIX ASPHALT (SHIMMING)	1,155.000 T	_____	 _____	_____	 _____
0080	409.15 BITUMINOUS TACK COAT - APPLIED	2,750.000 G	_____	 _____	_____	 _____
0090	424.22 ASPHALT RUBBER CRACK SEALER TYPE 2, APPLIED	7,000.000 LB	_____	 _____	_____	 _____
0100	424.24 ASPHALT RUBBER CRACK SEALER TYPE 4, APPLIED	6,000.000 LB	_____	 _____	_____	 _____
0110	604.161 ALTERING CATCH BASIN	22.000 EA	_____	 _____	_____	 _____
0120	604.18 ADJUSTING MANHOLE OR CATCH BASIN TO GRADE	15.000 EA	_____	 _____	_____	 _____

Maine Department of Transportation

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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	608.08 REINFORCED CONCRETE SIDEWALK	113.300 SY	_____	 _____	_____	 _____
0140	608.26 CURB RAMP DETECTABLE WARNING FIELD	340.000 SF	_____	 _____	_____	 _____
0150	608.45 CONSTRUCT SIDEWALK	90.000 SY	_____	 _____	_____	 _____
0160	608.46 REGRAIDING SIDEWALK	150.000 SY	_____	 _____	_____	 _____
0170	609.11 VERTICAL CURB TYPE 1	96.000 LF	_____	 _____	_____	 _____
0180	609.21 CONCRETE SLIPFORM CURB	1,525.000 LF	_____	 _____	_____	 _____
0190	609.31 CURB TYPE 3	30.000 LF	_____	 _____	_____	 _____
0200	609.38 RESET CURB TYPE 1	30.000 LF	_____	 _____	_____	 _____
0210	627.733 4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	17,280.000 LF	_____	 _____	_____	 _____
0220	627.75 WHITE OR YELLOW PAVEMENT & CURB MARKING	2,320.000 SF	_____	 _____	_____	 _____
0230	627.78 TEMPORARY 4 INCH PAINTED PAVEMENT MARKING LINE, WHITE OR YELLOW	35,640.000 LF	_____	 _____	_____	 _____
0240	629.05 HAND LABOR, STRAIGHT TIME	60.000 HR	_____	 _____	_____	 _____

Maine Department of Transportation

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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	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	30.000 HR	_____	 _____	_____	 _____
0260	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	50.000 HR	_____	 _____	_____	 _____
0270	639.19 FIELD OFFICE TYPE B	1.000 EA	_____	 _____	_____	 _____
0280	652.34 CONE	200.000 EA	_____	 _____	_____	 _____
0290	652.35 CONSTRUCTION SIGNS	2,330.000 SF	_____	 _____	_____	 _____
0300	652.36 MAINTENANCE OF TRAFFIC CONTROL DEVICES	77.000 CD	_____	 _____	_____	 _____
0310	652.38 FLAGGER	2,200.000 HR	_____	 _____	_____	 _____
0320	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP SUM		 LUMP SUM	_____	 _____
0330	659.10 MOBILIZATION	LUMP SUM		 LUMP SUM	_____	 _____
0340	812.162 ADJUSTING SEWER MANHOLE TO GRADE	16.000 EA	_____	 _____	_____	 _____
<b>Section: 1</b>			<b>Total:</b>		_____	 _____

4/11/2023

Maine Department of Transportation

Proposal Schedule of Items

Page 4 of 4

Proposal ID: 025961.00

Project(s): 025961.00, 025965.00, 025969.00

SECTION: 2 SEWER 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
0350	812.162 ADJUSTING SEWER MANHOLE TO GRADE	36.000 EA	_____	 _____	_____	 _____
				<b>Total:</b>	_____	 _____
				<b>Total Bid:</b>	_____	 _____

**CONSTRUCTION NOTES**

**202.202 Removing Pavement Surface**

<u>Station</u>	<u>to</u>	<u>Station</u>	<u>Side</u>	<u>Width</u>	<u>Comments</u>
10+00		36+95	RT/LT	Full Width	Skip RR Tracks
37+55		39+50	RT/LT	Full Width	Skip RR Tracks

**204.50 Road Base Repair Areas**

**403.102 Special Areas Mix**

Item to be used in areas where milling causes gravel to be exposed.

<u>Station</u>	<u>to</u>	<u>Station</u>	<u>Side</u>	<u>Width</u>	<u>Comments</u>
20+25		20+75	RT	14'	
39+25		39+60	LT	8'	

Additional locations to be determined by Resident.

<u>Station</u>	<u>to</u>	<u>Station</u>	<u>Depth</u>	<u>Width</u>	<u>Comments</u>
20+25		20+75	Varies	14'	
39+25		39+60	Varies	8'	

Additional locations to be determined by Resident.

**403.209 Hot Mix Asphalt, 9.5 mm Nominal Maximum Size (Incidentals)**

<u>Description</u>	<u>Qty</u>
ADA Ramps	1

**403.2101 HMA 9.5 mm Nominal Maximum Size Polymer Modified, Surface**

<u>Station</u>	<u>to</u>	<u>Station</u>	<u>Side</u>	<u>Width</u>	<u>Comments</u>
10+00		36+95	RT/LT	Full Width	Skip RR Tracks
37+55		39+50	RT/LT	Full Width	Skip RR Tracks

**CONSTRUCTION NOTES**

**403.211 Hot Mix Asphalt, Shimming**

Spot Shim to be used for the locations below:

<b><u>Station</u></b>	<b><u>To</u></b>	<b><u>Station</u></b>	<b><u>Side</u></b>
25+00		33+50	RT
10+00		10+75	LT

Additional spot shim locations to be determined by Resident.

**424.22 Asphalt Rubber Crack Sealer Type 2, Applied**

To be used to seal all surface cracks that remain after milling and as directed by the Resident.

**608.08 Reinforced Concrete Sidewalk**

<b><u>Station</u></b>	<b><u>to</u></b>	<b><u>Station</u></b>	<b><u>Side</u></b>	<b><u>Width</u></b>	<b><u>Comments</u></b>
15+87		15+93	RT	6'	ADA Ramp
16+06		16+14	LT	6'	ADA Ramp
20+38		20+54	RT	6'	ADA Ramp
28+80		28+90	RT	6'	ADA Ramp
28+80		28+90	LT	6'	ADA Ramp

**604.161 Altering Catch Basin**

<b><u>Station</u></b>	<b><u>Side</u></b>
14+89	RT
16+00	LT
16+43	RT
16+50	LT
32+52	LT
32+59	RT
35+68	RT
36+20	LT

**CONSTRUCTION NOTES**

**608.26 Curb Ramp Detectable Warning Field**

<b><u>Station</u></b>	<b><u>Side</u></b>	<b><u>Comments</u></b>
15+90	RT	12 SF
16+10	LT	8 SF
20+45	RT	24 SF
20+45	LT	12 SF
28+85	RT	12 SF
28+85	LT	8 SF

**608.45 Construct Sidewalk**

<b><u>Station</u></b>	<b><u>to</u></b>	<b><u>Station</u></b>	<b><u>Side</u></b>	<b><u>Width</u></b>	<b><u>Comments</u></b>
20+35		20+55	LT	6'	

**608.46 Regrading Sidewalk**

<b><u>Station</u></b>	<b><u>to</u></b>	<b><u>Station</u></b>	<b><u>Side</u></b>	<b><u>Width</u></b>	<b><u>Comments</u></b>
15+87		15+93	RT	6'	
16+06		16+14	LT	6'	
20+38		20+54	RT	6'	
28+80		28+90	RT	6'	
28+80		28+90	LT	6'	

**609.21 Curb Concrete Slipform**

Locations to be determined by Resident.

**627.733 4" White or Yellow Painted Pavement Marking Line**

Center lines and edge lines shall be painted on all matched pavement within one week. Center line TOMs may be utilized until final striping and will be considered incidental to the contract.

Multilane sections and truck lanes must be striped daily on all matched pavement layers.

**CONSTRUCTION NOTES**

**627.75 White or Yellow Pavement and Curb Marking**

**Stop bar**

<b><u>Station</u></b>	<b><u>Length</u></b>
36+00	16'
36+50	16'
37+50	16'
38+00	16'

**Crosswalk**

<b><u>Station</u></b>	<b><u>Length</u></b>
16+00	42'
20+45	42'

**Symbols**

<b><u>Station</u></b>	<b><u>Comment</u></b>
33+27	“STOP”
33+40	“AHEAD”
36+65	Railroad Crossing
38+30	Railroad Crossing

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

Temporary center lines and edge lines shall be painted on all matched pavement within one week.

Multilane sections, truck lanes, and milled surfaces must be striped daily on all matched pavement layers.

Temporary lines will require one coat on the milled surface, the shim layer and the surface.

**CONSTRUCTION NOTES**

**812.162 Adjusting Sewer Manhole to Grade**

<b><u>Station</u></b>	<b><u>Side</u></b>
11+48	RT
12+57	RT
14+21	RT
15+19	RT
16+30	RT
18+33	RT
20+70	RT
21+24	RT
22+76	RT
26+17	RT
28+83	RT
31+02	RT
32+36	RT
32+50	RT
32+67	LT
36+60	RT
36+74	LT
38+59	LT

Undetermined locations may be determined in the field.

**SPECIAL PROVISION**  
**SECTION 609 – CURB**  
**STRUCTURAL CONCRETE**  
**(Slipform Concrete Curb)**

609.01-Description This work shall consist of furnishing and placing Slipform Concrete Curb in close conformity with the plans, or as authorized by the Resident.

609.02 Materials - Except as provided below, the materials used shall meet the requirements specified in Section 700 – Materials:

Portland Cement and Portland Pozzolan Cement	701.01
Water	701.02
Fine Aggregate for Concrete	703.01
Coarse Aggregate for Concrete	703.02
Air Entraining Admixtures	703.03

A mix design for the Portland Cement Concrete shall be submitted to the Resident meeting the requirements below:

- Class A with the exception that permeability requirements shall be waived.
- Entrained air content of Slipform curbing shall be 4.0% to 7.0%.
- Concrete temperature prior to discharge shall not exceed 90 F.
- Proposed mix designs may contain polypropylene fibers.

Partially discharged loads may be retempered with water provided the maximum water to cement ratio is not exceeded.

609.03-General

a. Preparation of Base Before placing the curb, the foundation course shall be thoroughly cleaned of all foreign and objectionable material. The Contractor shall not place Slipform Concrete Curb on a wet or frozen base. Base pavement for placing epoxy resin binder and slipform curbing may be in an SSD condition but no standing water shall be allowed. String or chalk lines shall be positioned on the prepared base to provide guidelines. For HMA or PCC base the foundation shall be uniformly painted with an epoxy resin adhesive from the Departments QPL. The Contractor shall submit the adhesive that they propose to utilize with the concrete mix design. The adhesive must be approved prior to placement and used in accordance with manufacturers recommendations.

b. Placing Concrete shall be placed with an approved Slipform machine that will produce a finished product according to the design specified in the plans. For cold weather slip forming, the outside temperature must be at least 36°F (2.2°C) and rising. The curb shall be placed on a firm, uniform bearing surface, shall conform to the section profile specified in the plans, and shall match the appropriate grade. Expansion joints will be provided at ends of curve radii, or wherever the curb meets rigid structures such as building foundations or fire hydrants. Contraction joints will be placed at 10 foot (3 m) intervals using sawing methods, which shall cut 1-3" into the concrete. Contraction joints shall be cut between 1 and 7 days after placement. Joints shall be constructed perpendicular to the subgrade and match other joints in roadways, sidewalks or other structures when applicable.

c. Curing and Sealing Proper curing shall be insured through the use of either a combination curing/sealing compound spray that meets ASTM 1315 Type 1-Class A, or a curing compound spray that meets ASTM 309 type 1-D – Class A. Curing may also be accomplished by the methods specified in Section 502.15 of the Specifications.

If a combination curing/sealing compound spray is not used, a separate sealing compound from the MaineDOT Qualified Products List for a Type 2 sealer shall be applied after the concrete has cured.

d. Protection Slipform curb must be adequately protected after placement. The concrete shall be allowed to cure for at least 72 hours. During cold weather conditions, when temperatures drop below the required temperature of 36°F (2.2°C) after placement, curbing shall be protected by concrete blankets or a combination of plastic sheeting and straw. After any placement of Slipform curb, regardless of weather conditions, the placed curb shall be adequately protected by traffic control devices as necessary.

e. Marking When required, the curb shall be painted and coated with glass beads in accordance with Section 627 - Pavement Marking. Curb designated to be painted shall not be sealed unless a combination curing/sealing compound is used.

f. Acceptance Curb shall be accepted or rejected based on finish, alignment, entrained air content, and compressive strength. Acceptance testing for air content and compressive strength will be under 502 Method C. All damaged curb shall be removed and replaced at the Contractor's expense.

609.04-Method of Measurement Concrete Slipform curb will be measured by the linear foot along the front face of the curb at the elevation of the finished pavement, complete in place and accepted.

609.05 Basis of Payment The accepted quantities of curb will be paid for at the contract unit price per linear foot as specified.

There will be no separate payment for concrete, sealing, incidental materials, or labor needed to install the curb, but these will be considered included in the work of the related curb.

Removal of existing curb and necessary excavation for installing curb will not be paid for directly, but shall be considered to be included in the curb pay item. Base and Subbase material will be paid for under Section 304 - Aggregate Base and Subbase Course. Backing up machine laid curb is incidental to the curb items. Loam, as directed, will be paid under 615 – Loam.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
609.161 Concrete slipform curb - Vertical	Linear Foot
609.21 Concrete Slipform Curb	Linear Foot
609.219 Concrete slipform terminal end	Linear Foot