



Janet T. Mills
GOVERNOR

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

Bruce A. Van Note
COMMISSIONER

April 18, 2019
Subject: Pavement Milling, HMA
Overlay, Bridge Work with Drainage
& Safety Improvements
State Wins: 022420.00, 022422.00
& 023615.00
Location: **Falmouth, Portland &
South Portland**
Amendment No. 4

Dear Sir/Ms.:

Please make the following changes to the Bid Documents:

In the Bid Book:

REMOVE pages 47 – 61, Construction Notes, 15 pages, dated February 27, 2019, and
REPLACE with the attached, revised Construction Notes, 15 pages, dated April 17, 2019.

Consider these changes and information prior to submitting your bid on **April 24, 2019**.

Sincerely,

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

Construction Notes

202.2023 Removing Pavement Surface – Medium Cut Drum Northbound

Mainline				
<u>Station</u>	<u>to</u>	<u>Station</u>	<u>Depth</u>	<u>Remarks</u>
98+85	-	99+46	1 ¾"	28.0' +/- Total Width Travel & Passing Lanes
			1 ¾"	4.0 +/- Left Shoulder
99+46	-	101+75	1 ½"	63.0' +/- Full Width Route 703 Bridge Deck
101+75	-	102+60	1 ¾"	28.0' +/- Total Width Travel & Passing Lanes
			1 ¾"	4.0 +/- Left Shoulder
148+00	-	149+10	1 ½"	55.0' +/- Full Width Westbrook Street Bridge Deck
227+50	-	233+55	1 ½"	55.0' +/- Full Width Fore River Bridge Deck
252+30	-	253+79	1 ½"	42.3' +/- Full Width PTRR Bridge Deck
253+79	-	258+20	1 ¾"	28.0' +/- Total Width Travel & Passing Lanes
			1 ¾"	4.0 +/- Left Shoulder
258+20	-	259+80	1 ½"	28.0' +/- Total Width Travel & Passing Lanes
			1 ½"	4.0 +/- Left Shoulder
				Fore River Parkway Bridge Deck
259+80	-	268+60	1 ¾"	28.0' +/- Total Width Travel & Passing Lanes
			1 ¾"	4.0 +/- Left Shoulder

Construction Notes

202.2023 Removing Pavement Surface – Medium Cut Drum (Continued) Northbound

<u>Station</u>	<u>to</u>	<u>Station</u>	<u>Depth</u>	<u>Mainline</u> <u>Remarks</u>
268+60	-	270+63	1 ½"	28.0' +/- Total Width Travel & Passing Lanes
			1 ½"	4.0 +/- Left Shoulder Congress Street Bridge Deck
270+63	-	276+49	1 ¾"	28.0' +/- Total Width Travel & Passing Lanes
			1 ¾"	4.0 +/- Left Shoulder
276+49	-	277+56	1 ½"	28.0' +/- Total Width Travel & Passing Lanes
			1 ½"	4.0 +/- Left Shoulder St. James Street Bridge Deck
277+56	-	279+70	1 ¾"	28.0' +/- Total Width Travel & Passing Lanes
			1 ¾"	4.0 +/- Left Shoulder
279+70	-	280+82	1 ½"	28.0' +/- Total Width Travel & Passing Lanes
			1 ½"	4.0 +/- Left Shoulder PTRR Bridge Deck
280+82	-	282+33	1 ¾"	28.0' +/- Total Width Travel & Passing Lanes
			1 ¾"	4.0 +/- Left Shoulder
282+33	-	283+33	1 ½"	28.0' +/- Total Width Travel & Passing Lanes
			1 ½"	4.0 +/- Left Shoulder St. John Street Bridge Deck
316+43	-	317+68	1 ½"	28.0' +/- Total Width Travel & Passing Lanes
			1 ½"	4.0 +/- Left Shoulder Forest Avenue Bridge Deck

Construction Notes

202.2023 Removing Pavement Surface – Medium Cut Drum (Continued) Northbound

Mainline				
<u>Station</u>	<u>to</u>	<u>Station</u>	<u>Depth</u>	<u>Remarks</u>
317+68	-	327+44	1 ¾"	28.0' +/- Total Width
			1 ¾"	Travel & Passing Lanes
			1 ¾"	4.0 +/- Left Shoulder
327+44	-	328+56	1 ½"	28.0' +/- Total Width
			1 ½"	Travel & Passing Lanes
			1 ½"	4.0 +/- Left Shoulder
				Preble Street Bridge Deck
328+56	-	331+00	1 ¾"	28.0' +/- Total Width
			1 ¾"	Travel & Passing Lanes
			1 ¾"	4.0 +/- Left Shoulder
345+19	-	346+31	1 ½"	28.0' +/- Total Width
			1 ½"	Travel & Passing Lanes
			1 ½"	4.0 +/- Left Shoulder
				Franklin Street Bridge Deck
384+03	-	389+08	1 ½"	28.0' +/- Full Width
			1 ½"	Travel, Passing, & Auxiliary Lanes
			1 ½"	4.0 +/- Left Shoulder/8.0 +/- Right Shoulder
				Tukey's Bridge Deck
3+86	-	11+92	1 ¾"	28.0' +/- Total Width
			1 ¾"	Travel & Passing Lanes
			1 ¾"	4.0 +/- Left Shoulder
11+92	-	13+36	1 ½"	28.0' +/- Total Width
			1 ½"	Travel & Passing Lanes
			1 ½"	4.0 +/- Left Shoulder
				Washington Street Bridge Deck
13+36	-	17+81	1 ¾"	28.0' +/- Total Width
			1 ¾"	Travel & Passing Lanes
			1 ¾"	4.0 +/- Left Shoulder

Construction Notes

202.2023 Removing Pavement Surface – Medium Cut Drum (Continued) Northbound

Mainline				
<u>Station</u>	<u>to</u>	<u>Station</u>	<u>Depth</u>	<u>Remarks</u>
17+81	-	18+25	1 ½"	28.0' +/- Total Width Travel & Passing Lanes
			1 ½"	4.0 +/- Left Shoulder Sherwood Street Bridge Deck
18+25	-	20+00	1 ¾"	28.0' +/- Total Width Travel & Passing Lanes
			1 ¾"	4.0 +/- Left Shoulder
20+00	-	22+00	1 ½"	28.0' +/- Total Width Travel & Passing Lanes
			1 ½"	4.0 +/- Left Shoulder CNRR Bridge Deck
22+00	-	23+00	1 ¾"	28.0' +/- Total Width Travel & Passing Lanes
			1 ¾"	4.0 +/- Left Shoulder
23+00	-	23+53	1 ½"	28.0' +/- Total Width Travel & Passing Lanes
			1 ½"	4.0 +/- Left Shoulder Kensington Street Bridge Deck
23+53	-	37+40	1 ¾"	28.0' +/- Total Width Travel & Passing Lanes
			1 ¾"	4.0 +/- Left Shoulder
37+40	-	39+40	1 ½"	28.0' +/- Total Width Travel & Passing Lanes
			1 ½"	4.0 +/- Left Shoulder Veranda Street Bridge Deck
39+40	-	40+40	1 ¾"	28.0' +/- Total Width Travel & Passing Lanes
			1 ¾"	4.0 +/- Left Shoulder

Construction Notes

202.2023 Removing Pavement Surface – Medium Cut Drum (Continued) Southbound

Mainline (Right shoulder is on passing lane side)

<u>Station</u>	<u>to</u>	<u>Station</u>	<u>Depth</u>	<u>Remarks</u>
98+38	-	83+89	1 ¾"	30.0' +/- Total Width
			1 ¾"	Travel & Passing Lanes
			1 ¾"	4.0 +/- Right Shoulder /2.0' +/- Left Shoulder
82+94	-	57+54	1 ¾"	30.0' +/- Total Width
			1 ¾"	Travel & Passing Lanes
			1 ¾"	44.0 +/- Right Shoulder /2.0' +/- Left Shoulder
57+52	-	39+40	1 ¾"	30.0' +/- Total Width
			1 ¾"	Travel & Passing Lanes
			1 ¾"	4.0 +/- Right Shoulder /2.0' +/- Left Shoulder
39+40	-	37+40	1 ½"	28.0' +/- Total Width
			1 ½"	Travel & Passing Lanes
			1 ½"	4.0 +/- Right Shoulder
				Veranda Street Bridge Deck
37+40	-	23+53	1 ¾"	30.0' +/- Total Width
			1 ¾"	Travel & Passing Lanes
			1 ¾"	44.0 +/- Right Shoulder /2.0' +/- Left Shoulder
23+53	-	23+00	1 ½"	28.0' +/- Total Width
			1 ½"	Travel & Passing Lanes
			1 ½"	4.0 +/- Right Shoulder
				Kensington Street Bridge Deck
23+00	-	22+00	1 ¾"	28.0' +/- Total Width
			1 ¾"	Travel & Passing Lanes
			1 ¾"	4.0 +/- Right Shoulder
22+00	-	20+00	1 ½"	28.0' +/- Total Width
			1 ½"	Travel & Passing Lanes
			1 ½"	4.0 +/- Right Shoulder
				CNRR Bridge Deck

Construction Notes

202.2023 Removing Pavement Surface – Medium Cut Drum (Continued) Southbound

Mainline (Right shoulder is on passing lane side)

<u>Station</u>	<u>to</u>	<u>Station</u>	<u>Depth</u>	<u>Remarks</u>
20+00	-	18+25	1 ¾"	28.0' +/- Total Width Travel & Passing Lanes
			1 ¾"	4.0 +/- Right Shoulder
18+25	-	17+81	1 ½"	28.0' +/- Total Width Travel & Passing Lanes
			1 ½"	4.0 +/- Right Shoulder Sherwood Street Bridge Deck
17+81	-	13+36	1 ¾"	28.0' +/- Total Width Travel & Passing Lanes
			1 ¾"	4.0 +/- Right Shoulder
13+36	-	11+92		Washington Street Bridge Deck Concrete Bridge Deck No Work
11+92	-	3+86	1 ¾"	28.0' +/- Total Width Travel & Passing Lanes
			1 ¾"	4.0 +/- Right Shoulder
389+08	-	384+03	1 ½"	62.0' +/- Full Width Travel, Passing, & Auxiliary Lanes
			1 ½"	4.0 +/- Right Shoulder/8.0 +/- Left Shoulder Tukey's Bridge Deck
384+03	-	346+31	1 ¾"	28.0' +/- Total Width Travel & Passing Lanes
			1 ¾"	4.0 +/- Right Shoulder
346+31	-	345+19	1 ½"	28.0' +/- Total Width Travel & Passing Lanes
			1 ½"	4.0 +/- Right Shoulder Franklin Street Bridge Deck

Construction Notes

202.2023 Removing Pavement Surface – Medium Cut Drum (Continued) Southbound

Mainline (Right shoulder is on passing lane side)

<u>Station</u>	<u>to</u>	<u>Station</u>	<u>Depth</u>	<u>Remarks</u>
345+19	-	328+56	1 ¾"	28.0' +/- Total Width
			1 ¾"	Travel & Passing Lanes
			1 ¾"	4.0 +/- Right Shoulder
328+56	-	327+44	1 ½"	28.0' +/- Total Width
			1 ½"	Travel & Passing Lanes
			1 ½"	4.0 +/- Right Shoulder
				Preble Street Bridge Deck
327+44	-	317+68	1 ¾"	28.0' +/- Total Width
			1 ¾"	Travel & Passing Lanes
			1 ¾"	4.0 +/- Right Shoulder
317+68	-	316+43	1 ½"	28.0' +/- Total Width
			1 ½"	Travel & Passing Lanes
			1 ½"	4.0 +/- Right Shoulder
				Forest Avenue Bridge Deck
316+43	-	283+33	1 ¾"	28.0' +/- Total Width
			1 ¾"	Travel & Passing Lanes
			1 ¾"	4.0 +/- Right Shoulder
283+33	-	282+33	1 ½"	28.0' +/- Total Width
			1 ½"	Travel & Passing Lanes
			1 ½"	4.0 +/- Right Shoulder
				St. John Street Bridge Deck
282+33	-	280+82	1 ¾"	28.0' +/- Total Width
			1 ¾"	Travel & Passing Lanes
			1 ¾"	4.0 +/- Right Shoulder
280+82	-	279+70	1 ½"	28.0' +/- Total Width
			1 ½"	Travel & Passing Lanes
			1 ½"	4.0 +/- Right Shoulder
				PTRR Bridge Deck

Construction Notes

202.2023 Removing Pavement Surface – Medium Cut Drum (Continued) Southbound

Mainline (Right shoulder is on passing lane side)

<u>Station</u>	<u>to</u>	<u>Station</u>	<u>Depth</u>	<u>Remarks</u>
279+70	-	277+56	1 ¾"	28.0' +/- Total Width
			1 ¾"	Travel & Passing Lanes
			1 ¾"	4.0 +/- Right Shoulder
277+56	-	276+49	1 ½"	28.0' +/- Total Width
			1 ½"	Travel & Passing Lanes
			1 ½"	4.0 +/- Right Shoulder
				St. James Street Bridge Deck
276+49	-	270+63	1 ¾"	28.0' +/- Total Width
			1 ¾"	Travel & Passing Lanes
			1 ¾"	4.0 +/- Right Shoulder
270+63	-	268+60	1 ½"	28.0' +/- Total Width
			1 ½"	Travel & Passing Lanes
			1 ½"	4.0 +/- Right Shoulder
				Congress Avenue Bridge Deck
268+60	-	259+80	1 ¾"	28.0' +/- Total Width
			1 ¾"	Travel & Passing Lanes
			1 ¾"	4.0 +/- Right Shoulder
259+80	-	258+20	1 ½"	28.0' +/- Total Width
			1 ½"	Travel & Passing Lanes
			1 ½"	4.0 +/- Right Shoulder
				Fore River Parkway Bridge Deck
258+20	-	253+79	1 ¾"	28.0' +/- Total Width
			1 ¾"	Travel & Passing Lanes
			1 ¾"	4.0 +/- Right Shoulder
253+79	-	252+30	1 ½"	28.0' +/- Total Width
			1 ½"	Travel & Passing Lanes
			1 ½"	4.0 +/- Right Shoulder
				PTRR Bridge Deck

Construction Notes

202.2023 Removing Pavement Surface – Medium Cut Drum (Continued) Southbound

Mainline (Right shoulder is on passing lane side)

<u>Station</u>	<u>to</u>	<u>Station</u>	<u>Depth</u>	<u>Remarks</u>
252+30	-	233+55	1 ¾"	28.0' +/- Total Width Travel & Passing Lanes
			1 ¾"	4.0 +/- Right Shoulder
233+55	-	227+50	1 ½"	28.0' +/- Total Width Travel & Passing Lanes
			1 ½"	4.0 +/- Right Shoulder Fore River Bridge Deck
227+50	-	149+10	1 ¾"	28.0' +/- Total Width Travel & Passing Lanes
			1 ¾"	4.0 +/- Right Shoulder
149+10	-	148+00	1 ½"	28.0' +/- Total Width Travel & Passing Lanes
			1 ½"	4.0 +/- Right Shoulder Westbrook Street Bridge Deck
148+00	-	101+75	1 ¾"	28.0' +/- Total Width Travel & Passing Lanes
			1 ¾"	4.0 +/- Right Shoulder
101+75	-	99+46	1 ½"	28.0' +/- Total Width Travel & Passing Lanes
			1 ½"	4.0 +/- Right Shoulder State Route 703 Bridge Deck
99+46	-	83+46	1 ¾"	28.0' +/- Total Width Travel & Passing Lanes
			1 ¾"	4.0 +/- Right Shoulder

Construction Notes

202.2023 Removing Pavement Surface – Medium Cut Drum (Continued) Southbound

Ramps Southbound

<u>Station</u>	<u>to</u>	<u>Station</u>	<u>Depth</u>	<u>Remarks</u>
Exit 9 On-Exit 8 Off Baxter				
0+00		10+00+/-	1 ½"	16.0' Travel
10+00		12+65+/-	1 ½"	Bridge Deck (full width)
10+70		12+65+/-	1 ½"	12.0' +/- travel
12+65		13+15+/-	1 ½"	Bridge Deck (full width)
13+15		14+00+/-	1 ½"	12.0' +/- travel
14+00		15+65+/-	1 ½"	Bridge Deck (full width)
15+65		17+65+/-	1 ½"	12.0' +/- travel
17+65		18+15+/-	1 ½"	Bridge Deck (full width)
18+15		22+50+/-	0	Concrete Deck
22+50		29+25+/-	1 ½"	16'.0 +/- travel
Exit 8 On from Washington/Baxter-Exit 8 Off Washington-Exit 7 Off Franklin				
0+00		2+50+/-	1 ½"	28.0' +/- Total Width
			1 ½"	Travel & Passing Lanes
			1 ½"	2.0 +/- Left/Right Shoulder
2+50		12+15+/-	1 ½"	30.0' +/- Total Width
			1 ½"	Travel & Passing Lanes
			1 ½"	6.0 +/- Left/Right Shoulder
12+15		17+20+/-	0	Tukey's Bridge
17+20		23+95+/-	1 ½"	12.0' +/- Right Lane
23+95		28+10+/-	0	Concrete Deck (Right)
28+10		29+60+/-	1 ½"	14.0' +/- Right Lane
28+10		34+00+/-	1 ½"	16.0' +/- Left Lane
19+70		62+55+/-	1 ½"	12.0' +/- RT Middle
59+75		62+55+/-	1 ½"	14.0' +/- Right Lane
41+50		62+55+/-	1 ½"	14.0' +/- Left Lane
Exit 7 On from Franklin				
0+00		4+00+/-	1 ½"	24.0' +/- Total Width
4+00		14+45+/-	1 ½"	16.0' +/- Travel Lane
14+45		15+55+/-	1 ½"	16.0' +/- Bridge Deck
15+55		18+25+/-	1 ½"	18.0' +/- Travel Lane
18+25		23+25	1 ½"	19.0' +/- Travel Lane

Construction Notes

202.2023 Removing Pavement Surface – Medium Cut Drum (Continued) Southbound

Ramps Southbound

<u>Station</u>	<u>to</u>	<u>Station</u>	<u>Depth</u>	<u>Remarks</u>
Exit 6B Off to Forest				
0+00		1+00+/-	1 ½"	12.0' +/- Travel Lane
1+00		2+00+/-	1 ½"	18.0' +/- Travel Lane
2+00		5+30+/-	1 ½"	16.0' +/- Travel Lane
5+30		9+15+/-	1 ½"	18.0' +/- Travel Lane
Exit 6B On from Forest				
0+00		6+60+/-	1 ½"	18.0' +/- Travel Lane
6+60		7+90+/-	1 ½"	18.0' +/- Bridge Deck
Exit 6A Off to Forest				
0+00		2+15+/-	1 ½"	18.0' +/- Travel Lane
2+15		2+70+/-	1 ½"	18.0' +/- Bridge Deck
Exit 6A On from Forest				
0+00		5+45+/-	1 ½"	18.0' +/- Travel Lane
5+45		10+00+/-	1 ½"	20.0' +/- Travel Lane
10+00		17+20+/-	1 ½"	12.0' +/- Travel Lane
Exit 5B Off to Congress				
0+00		4+25+/-	1 ½"	12.0' +/- Travel Lane
4+25		5+40+/-	1 ½"	20.0' +/- Travel Lane
5+40		6+75+/-	1 ½"	12.0' +/- Travel Lane
6+75		8+00+/-	1 ½"	20.0' +/- Travel Lane
8+00		9+90+/-	1 ½"	12.0' +/- Travel Lane
9+90		10+95+/-	1 ½"	20.0' +/- Travel Lane
10+95		14+75+/-	1 ½"	18.0' +/- Travel Lane
14+75		18+75+/-	1 ½"	20.0' +/- Travel Lane
18+75		20+00+/-	1 ½"	25.0' +/- Full Width
20+00		21+60+/-	1 ½"	26.0' +/- Full Width
21+60		22+85+/-	1 ½"	12.0' +/- Travel Lane

Construction Notes

202.2023 Removing Pavement Surface – Medium Cut Drum (Continued) Southbound

Ramps Southbound

<u>Station</u>	<u>to</u>	<u>Station</u>	<u>Depth</u>	<u>Remarks</u>
Exit 5B On from Congress				
0+00		9+50+/-	1 ½"	18.0' +/- Travel Lane
9+50		12+00+/-	1 ½"	12.0'+/- Travel Lane
12+00		13+75+/-	1 ½"	20.0'+/- Travel Lane
Exit 5A Off to Congress				
0+00		1+50+/-	1 ½"	12.0' +/- Travel Lane
1+50		2+85+/-	1 ½"	20.0'+/- Travel Lane
2+85		4+55+/-	1 ½"	20.0-28.0'+/- Full Width
4+55		6+05+/-	1 ½"	28.0-38.0'+/- Full Width
6+05		8+40+/-	1 ½"	20.0'+/- Travel Lane Right
6+05		7+25+/-	1 ½"	26.0-28.0'+/- Full Width
				Straight Lane
7+25		9+50+/-	1 ½"	20.0'+/- Travel Lane
Exit 5A On from Congress				
0+00		6+35+/-	1 ½"	Full Width
6+35		7+90+/-	1 ½"	Bridge Deck Full Width
7+90		11+00+/-	1 ½"	20.0'+/- Travel Lane
11+00		16+50+/-	1 ½"	12.0'+/- Travel Lane
Exit 4A Off to Tank Farm				
0+00		3+60+/-	1 ½"	12-16.0' +/- Travel Lane
3+60		7+25+/-	1 ½"	16.0'+/- Travel Lane
7+25		15+10+/-	1 ½"	18.0' +/- Travel Lane
15+10		20+25+/-	1 ½"	Bridge Deck Full Width
				Includes both lanes
20+25		26+00+/-	1 ½"	14.0'+/- Travel Lane
26+00		33+50+/-	1 ½"	28.0'+/- Full Width

Construction Notes

202.2023 Removing Pavement Surface – Medium Cut Drum (Continued) Southbound

Ramps Southbound

<u>Station</u>	<u>to</u>	<u>Station</u>	<u>Depth</u>	<u>Remarks</u>
Exit 4A Tank Farm (Continued)				
22+25	25+00+/-		1 ½"	14.0' +/- Travel Lane Ramp to 295 North
19+35	22+25+/-		1 ½"	20.0' +/- Travel Lane Ramp to 295 North
22+25	33+50+/-		1 ½"	14.0' +/- Travel Lane Ramp to Veterans
18+90	22+25+/-		1 ½"	20.0' +/- Travel Lane Ramp to Veterans
Exit 4A On to Exit 3 Off				
0+00	6+00+/-		1 ½"	16.0' +/- Travel Lane From Veterans Route 1S
0+00	3+00+/-		1 ½"	12.0' +/- Travel Lane Ramp to 295 South
3+00	10+50+/-		1 ½"	24.0' +/- Travel Lanes Ramp to 295 South
10+50	12+50+/-		1 ½"	24-16.0' +/- Travel Lane
12+50	26+00+/-		1 ½"	20.0' +/- Travel Lane
26+00	42+50+/-		1 ½"	12.0' +/- Travel Lane
42+50	45+00+/-		1 ½"	16-20.0' +/- Travel Lane
45+00	46+75+/-		1 ½"	20+32.0' +/- Travel Lanes
46+75	59+50+/-		1 ½"	Full Width
Exit 2 Off				
0+00	7+10+/-		1 ½"	12.0' +/- Travel Lane
7+10	8+25+/-		1 ½"	Bridge Deck Full Width
8+25	11+50+/-		1 ½"	12.0' +/- Travel Lane
11+50	13+50+/-		1 ½"	12-24.0' +/- Travel Lane
11+50	13+50+/-		1 ½"	24.0' +/- Travel Lanes

Construction Notes

202.2023 Removing Pavement Surface – Medium Cut Drum (Continued) Southbound

Ramps Southbound

<u>Station</u>	<u>to</u>	<u>Station</u>	<u>Depth</u>	<u>Remarks</u>
Exit 1 Off				
0+00	3+00+/-		1 ½"	12.0' +/- Travel Lane
3+00	17+00+/-		1 ½"	16.0' +/- Travel Lane

**Above locations are estimates only and may be changed by the Resident.
Above Ramps may be changed to an overlay at the Residents discretion.
Shoulder areas shall be milled as directed.**

Contractor will remove pavement to maintain existing cross slopes or as directed by the Resident. Bridges will be profiled for milling and paving operations. Mark downs shall be in place on Mainline prior to commencing milling operations. Contractor will establish centerline control points prior to removal of existing centerline. **Contractor is advised that the crack near centerline may not represent true centerline.** The centerline may require adjustment to maintain the twelve foot travel lanes, and a four foot passing lane shoulder widths. See Typical for ramps.

The Department will retain 50% of the millings/grindings for the Contract. The Contractor shall deliver and stockpile the millings/grindings to 389 Royalsborough Road, Durham Maine located north of the intersection of Route 136 and Snow Road, unless otherwise directed by the Resident. The Payment for delivery and stockpiling will be incidental to Item 202.202. Stockpiling shall include all equipment, personnel, and all other necessary incidentals required to construct stockpiles as per normal construction practices.

403.211 Hot Mix Asphalt Shim 9.5mm

This item to be used for a leveling course, for ramps, crossovers, possible de-lamination areas in the pavement removal areas, rutting areas, and overlay areas, and as directed the Resident.

410.151 Emulsified Asphalt Sealcoat Applied

To be applied to the 4' & 10' shoulders the entire length of project and as directed. Item will be applied after Item 202.206 Rumble Strips – Edgeline and Centerline has been completed. It is the intent to seal the rumble strip areas. Shoulders that are not resurfaced on ramps will be seal coated.

Construction Notes

424.22 Asphalt Rubber Crack Sealer Type 2, Applied

Item will be used to treat centerline, longitudinal cracks on mainline & shoulders, including ramps, as determined and directed by the Resident.

424.3333 Low Modulus Joint Sealer, Applied

Centerline longitudinal joint and bridge gutter lines.

627.30 Grooving for Pavement Marking

Item shall include yellow edge line, white edge line, and white skips. Skip lines shall be ground 15 feet in length.

627.78 Temporary 4" Painted Pavement Marking Line, White or Yellow

All areas that have received the surface course shall be painted prior to being opened to traffic or immediately after the lane closure is removed. Any striping procedure besides paint, including white and yellow temporary approved raised pavement markers, shall be considered incidental.

627.781 Temporary 6" Painted Pavement Marking Line, White or Yellow

Item is to be used once lanes have been milled, prior to being opened to traffic or immediately after the lane closure is removed. Any striping procedure besides paint, including white and yellow temporary approved raised pavement markers, shall be considered incidental.

629 & 631 Items

These Items to be used for plumbing existing delineator posts, cleaning culverts, cleaning winter sand from guardrail areas and paved areas under overpasses, and removing excess material from in-slopes, in-slopes behind guardrail areas, ditching, and other work as directed. All equipment used for certain tasks and operations will be as directed by the Resident.

652.35 Construction Signs

Four "Road Work Next 9 Miles" signs are required as part of this project.