



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

Paul R. LePage
GOVERNOR

David Bernhardt
COMMISSIONER

April 25, 2016
Subject: Milling/Overlay, Bridge
Work with Drainage & Safety
Improvements
State WIN: 020854.00 & 020882.00
Location: **Sidney, Augusta &
Waterville**
Amendment No. 1

Dear Sir/Ms:

Make the following change to the Bid Documents:

REMOVE, page 83 thru 84, "SPECIAL PROVISION, SECTION 105, GENERAL SCOPE OF WORK (LIMITATIONS OF OPERATIONS)", dated 04/07/2016 and **REPLACE** with attached revised "SPECIAL PROVISION, SECTION 105, GENERAL SCOPE OF WORK (LIMITATIONS OF OPERATIONS)", 2 pages, dated 04/22/2016.

REMOVE, page 65 thru 69, "CONSTRUCTION NOTES" dated 04/11/2016 and **REPLACE** with attached revised "CONSTRUCTION NOTES" 5 pages, dated 04/22/2016.

The following question has been received:

Question: Note 5 on pg 83 contradicts pg 84 note 12 (southbound a). Will the contractor be allowed to work Sunday nights on Southbound?

Response: Yes. See NEW SP 105 dated 04/22/16. All work conducted in the Southbound lanes shall be restricted to Sunday starting at 10 pm through Saturday at 6 am, unless otherwise authorized by the Department.

Question: Pg 59 typical shows a 3" cut full width and an additional 3" cut under passing/travel/4' shoulder rumble strip. The construction notes only list a single 3" cut. Please clarify.

Response: Typical is correct. See NEW Construction Notes dated 04/22/16.

Question: The typical on page 59 lists no stations. Does this typical represent the entire southbound project?



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Response: Yes. This represents the entire southbound project.

Question: Page 66 notes that areas that require 3" mill full width and 3" mill in core of road "work will be compensated". Will the contractor be paid the contract unit price for 202.202 for each 3" lift removed? Please clarify.

Response: Yes. The contractor shall be compensated once for milling the first 3" off the surface pavement, and once again for the additional depth in the mainline travel/passing lanes and 4 foot shoulder.

Question: Special Provision 403 page list shim to be placed on top of 2 ½" base...is this information correct?

Response: Yes. A variable depth shim will be placed upon the 2 ½" base lift.

Question: Page 51 and 67 item 202.202 states the department will retain 7500cy of millings. Will the department retain 75 cy or 15,000 cy?

Response: The Department will retain 7500 YD³ of millings/grindings. These will be delivered to the Maintenance Lot on the Lyons Road in accordance with the Construction Notes.

Question: Based on the limitations on lane closure, the shifts needed to complete pipe, hot mix and milling, as well as seasonal limitations, it appears the work cannot be completed in one season. The surface paving deadline for this is October 15th, the competition date for this project is Dec 23rd, would the department allow pipe work to continue after surface has been placed?

Response: See new Special Provision 105 above.

Question: Would the department allow daytime shoulder closures for pipe work?

Response: Please see Special Provision 105 Note 7 "All pipe and rental items shall be completed in an area prior to the contractor commencing placement of HMA surface in a given area. Shoulder closures will not be permitted while opposite lane is closed. If allowed by the Department, daytime travel lane shoulder closures may be allowed until 1:00 pm provided there is no infringement upon mainline traffic. This decision will be on a case by case basis for completion of the shift's pipe and rental work, or removal of equipment."

Question: Does the department know what the existing pavement depth is on mainline/shoulders-NS & SB? Is it likely contractor will encounter gravel in the deep cut areas?

Response: Approximate depth of pavement on northbound and southbound is 6-9".

Question: Item 652.36 list 222 calendar days, does the department feel the contract will be awarded and signed and crews will be able to work by the second week of May?

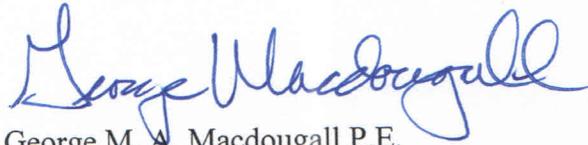
Response: Provided the necessary documentation is received and approved, the Department feels that this would be possible.

Question: Is there a specified method to introducing hydrated lime into the hot mix?

Response: Addition of hydrated lime to the HMA is not required as part of this contract. If the Contractor elects to add hydrated lime into their HMA, the Contractor may introduce the hydrated lime into the mixture by their preferred method.

Consider this change and information prior to submitting your bid on April 27, 2016.

Sincerely,

A handwritten signature in blue ink that reads "George M. A. Macdougall". The signature is written in a cursive style with a large initial "G".

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

SPECIAL PROVISION
SECTION 105
GENERAL SCOPE OF WORK
(LIMITATIONS OF OPERATIONS)

1. Ramps may be closed between the hours of 10 pm to 6 am with 72 hours' notice. Work on ramps may continue after these hours with shoulder closures only. The contractor shall notify emergency personnel resources in the area of closure dates and times. Under no circumstances will two adjacent on or off ramps be closed simultaneously.
2. Interstate Crossovers shall not be allowed to be utilized to change direction, unless both passing lanes are closed simultaneously. Crossovers may not be used for storage areas. The contractor will not be allowed to park vehicles in crossovers south of Exit 113 at any time.
3. The maximum length of lane closure is 3.0 miles in length.
4. The Contractor shall abide by all hours indicated within this Special Provision.
5. No work shall be allowed after the end of shift on Saturday until beginning of shift on Sunday. All work conducted in the Northbound lanes shall be restricted to Sunday at 7 pm through Friday at 6 am, as outlined in this Special Provision Note 12. All work conducted in the Southbound lanes shall be restricted to Sunday starting at 10 pm through Saturday at 6 am, unless otherwise authorized by the Department.

Except no work will be allowed on:

May 27 beginning at 6 am to May 31 at 8 pm.

June 30 beginning at 6 am to July 5 at 8 pm.

September 2 beginning at 6 am to September 6 at 8 pm.

For clarification purposes midnight shall be considered the start of the day, not the end.

6. The Contractor may utilize multiple paving/milling crews as long as applicable sections of Special Provision 652 are met; provided the Resident is given 72 hours notice.
7. Pipe and rental items may be worked upon after placement of surface treatments. Any damage caused to accepted surface treatments shall be repaired at the Contractor's expense to the satisfaction of the Department. Shoulder closures will not be permitted while opposite lane is closed. If allowed by the Department, daytime travel lane shoulder closures may be allowed until 1:00 pm provided there is no infringement upon mainline traffic. This decision will be on a case by case basis for completion of the shift's pipe and rental work, or removal of equipment.

8. Traffic will be allowed to travel on milled surfaces on the mainline. After 7 calendar days any milled areas not covered, in need of extra repair or maintenance (please see Special Provision 202), shall be repaired to the satisfaction of the Resident. All work, equipment and materials required to make repairs shall be at the Contractor's expense. Failure to adequately maintain milled areas will also result in a violation of Special Provision 652. The Contractor shall plan and conduct their work accordingly.
9. If the contractor opts to mill both travel lanes consecutively, all milling and paving joints shall be relatively matched even the following working day.
10. Weepers shall be milled on the shoulder to allow for water run-off/drainage as directed by the Resident. This work shall be considered incidental to 652 items.
11. Upon completion or any suspension of milling the Contractor shall begin paving operations no later than the following workday. For each working day that the contractor does not pave or mill the contractor will be charged Supplemental Liquidated Damages at the rate stated in the Department's Standard Specifications section 107.7.2. (excluding days lost to inclement weather). The Contractor shall plan and conduct their work accordingly.
12. The contractor shall only be allowed to enter the roadway during the following hours; Lane closure set and removal shall be considered to be part of this time:

Northbound Lanes

- a. Sunday beginning 7pm ending Monday 6am.
- b. Monday beginning 7pm ending Tuesday 6am.
- c. Tuesday beginning 7pm ending Wednesday 6am.
- d. Wednesday beginning 7pm ending Thursday 6am.
- e. Thursday beginning 7pm ending Friday at 6am.
- f. Friday beginning 10 PM ending Saturday 6 am.

Southbound Lanes

- a. Sunday beginning 10 pm ending Monday 6 am.
- b. Monday beginning 7pm ending Tuesday 6am.
- c. Tuesday beginning 7pm ending Wednesday 6am.
- d. Wednesday beginning 7pm ending Thursday 6am.
- e. Thursday beginning 7pm ending Friday 6am.
- f. Friday beginning 7pm ending Saturday 6am.

13. Any circumstance outside of these time frames, the Contractor shall be charged Supplemental Liquidated Damages as outlined in Special Provision 105 (Supplemental Liquidated Damages).
14. Work on Weigh-in-Motion on WIN 20882.00 will be done under temporary sign packages that shall be used only when work is being performed

Construction Notes

Item 202.20 Removing Bituminous Concrete Pavement

Exit 120 Off Ramp

<u>Station</u>	<u>to</u>	<u>Station</u>	<u>Depth</u>	<u>Remarks</u>
564+40	-	561+40 Left	6"+/-	8'+/- Left Shoulder
561+40	-	556+20 Left	9"+/-	20'+/- Existing Deceleration Lane Left Shoulder

Item 202.202 Removing Pavement Surface

Mainline				
<u>Station</u>	<u>to</u>	<u>Station</u>	<u>Depth</u>	<u>Remarks</u>
766+53	-	765+53	1 1/2"	38' +/- Full Width
765+53	-	429+07	3"	30' +/- Travel Lane/Passing Lane/4' Shoulder
429+07	-	428+07	1 1/2"	38' +/- Full Width
765+53	-	558+00	3"	10' +/- 10' Shoulder
554+40	-	549+45	3"	10' +/- 10' Shoulder
543+55	-	429+07	3"	10' +/- 10' Shoulder

Ramps

<u>Station</u>	<u>to</u>	<u>Station</u>	<u>SY</u>	<u>Depth</u>	<u>Remarks</u>
Exit 120 Off ramp					
0+00		11+50+/-	1800+/-	1 1/2"	mill full ML Only includes spurs

Construction Notes

Item 202.202 Removing Pavement Surface (Continued)

Ramps

<u>Station</u>	<u>to</u>	<u>Station</u>	<u>SY</u>	<u>Depth</u>	<u>Remarks</u>
Exit 120 On ramp					
0+00		14+60+/-	2250+/-	1 1/2"	mill full ML Only includes spurs

Right Shoulder (Outside of 4' shoulder section – non guardrail) Approx. 2' wide

<u>Station</u>	<u>to</u>	<u>Station</u>	<u>Depth</u>	<u>Remarks</u>
763+00	-	723+00	5"+/-	Full Depth
717+40	-	690+25	5"+/-	Full Depth
677+20	-	672+00	5"+/-	Full Depth
658+40	-	626+00	5"+/-	Full Depth
619+30	-	594+70	5"+/-	Full Depth
594+00	-	562+30	5"+/-	Full Depth
557+25	-	542+15	5"+/-	Full Depth
541+40	-	483+00	5"+/-	Full Depth
476+50	-	433+60	5"+/-	Full Depth

Contractor will remove pavement to maintain existing cross slopes or as directed by the Resident. 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. See Typical for ramps. Shoulder areas listed above shall have all pavement, outside of four feet milled into existing ground and may be incorporated into the in slope. Areas listed above shall be paid Item 202.202 once only. Incorporation into the surrounding slope shall be paid using the appropriate contract items.

Contractor will remove 3" of existing pavement from the entire project prior to removing the extra depth in the core of the roadway. This work will be compensated.

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.

Construction Notes

Item 202.202 Removing Pavement Surface (Continued)

The Department will retain 7500 Yd³ of the millings/grindings for the Contract. The Contractor shall deliver and stockpile the millings/grindings at the MaineDOT Maintenance Lot on the Lyons Road in Sidney, 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.

Item 304.10 Aggregate Subbase Course Gravel

Deceleration lane at Exit 120, including shoulder widening for guardrail items.

Item 403.208 Hot Mix Asphalt Surface

Shoulders 1 ½" Mill & Fill

Item 403.211 Hot Mix Asphalt Shim 9.5mm

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

Item 403.213 Hot Mix Asphalt Base

Item to be used on 10' shoulder and as directed by the Resident.

Item 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 202.205 Rumble Strips – Shoulder has been completed. It is the intent to seal the rumble strip areas. Shoulders that are not resurfaced on ramps will be seal coated.

Item 424.3331 Low Modulus Crack Sealer

Item will be used to treat centerline, longitudinal cracks on mainline, including other areas, as determined and directed by the Resident. Item shall be applied prior to Item 403. Item shall be used on shoulders of ramps, and as directed.

Construction Notes

Item 424.3333 Low Modulus Joint Sealer, Applied

Centerline longitudinal joint entire project. See Special Provision 403.

Item 606.356 Underdrain Delineator Post

Item shall be installed at all culverts 24" and smaller or as directed by the Resident.

Item 606.24 Guardrail Type 3d – Single Rail

<u>Station</u>	<u>to</u>	<u>Station</u>	<u>Length</u>	<u>Remarks</u>
681+31.5	-	684+31.5 Right	300.0	Connect two runs.
680+85.5	-	684+85.5 Left	400.0	Connect two runs.
561+12.5	-	560+09 Left	112.5	
558+84.5	-	558+34.5 Left	50.0	

Item 606.363 Guardrail Remove and Dispose

<u>Station</u>	<u>to</u>	<u>Station</u>	<u>Length</u>	<u>Remarks</u>
680+85.5	-	681+23 Left	37.5'	Remove existing end treatment.
681+31.5	-	681+69 Right	37.5'	Remove existing end treatment.

Item 606.65 Guardrail Thrie Beam Single Rail

<u>Station</u>	<u>to</u>	<u>Station</u>	<u>Length</u>
560+02.5	-	558+84 Left	112.5

Item 606.70 Transition Section Thrie Beam

<u>Station</u>	<u>to</u>	<u>Station</u>	<u>Quantity</u>
558+90	-	558+84.5 Left	1
560+09	-	560+02.5 Left	1

Construction Notes

Item 606.79 Guardrail 350 Flared Terminal

<u>Station</u>	<u>to</u>	<u>Station</u>
561+59	-	561+12.5 Left

Item 629.05 Hand Labor, Straight Time

This Item to be used for plumbing existing delineator posts, cleaning culverts, clearing, cleaning winter sand from guardrail areas and paved areas under overpasses, and other tasks as directed.

631 Items

These items estimated for removing excess material from in-slopes, in-slopes behind guardrail areas, ditching, and other work as directed All equipment used for certain operations will be as directed by the Resident.