

MAINE TURNPIKE AUTHORITY

ADDENDUM NO. 1

CONTRACT 2024.03

**PAVEMENT REHABILITATION, CLEARZONE
AND DRAINAGE IMPROVEMENTS
MM 20.0 TO MM 23.3**

The following changes are made to the CONTRACT DOCUMENTS:

PROPOSAL SHEETS:

Remove P-2 thru P-6 and replace with attached.

SPECIFICATIONS:

Remove SP-68 and replace with attached.

QUESTIONS:

Q1: Item #203.20 Common Excavation has 280 Each for unit of measurement, should it be Cubic yard?

A1 Yes

Q2 Items 652.4503 Truck Mounted Attenuator 16 Weeks, looking for some clarification on this item? As there is another pay item 652.4502 Truck Mounted Attenuator.

A2 See SP-100 and 101. 652.4502 pay item is for two attenuators for the whole project. If we need any others they will be paid under 652.4503.

Q3 Will the "Gang Stack Diamond Head" be required for the Tape grinding?

A3 YES

Q4 On page #3 of the Plans "Milling and Paving Legend" note (F) says to mill 2" inches in depth and the Special Provisions section 403, under **Shoulders** it has 2 lifts for a total of 3" inches, is the other 1" from the existing 2011 1" inch overlay project?

A4 YES

Q5 Would the Authority allow 1 lift @ 3" inches to be paved in the 4' shoulder Mill & Fill?

A5 NO

Q6 Would you have locations for the NB shoulder reconstruction area or areas?

A6 No, the existing pavement depths all show greater than four inches of existing pavement.

Q7 Will all lanes be shimmed before the 1.5" inch overlay?

A7 No, spot shims are to be placed as directed by the Resident.

Q8 South and North bound Mill & Fill 4' foot shoulder areas, will the authority allow a 7.6' foot mill to remove the 4' foot shoulder areas, and 3.6' feet of Mainline, and repave at 7.6' feet?

A8 No, the 4' shoulders are southbound and the intent will be to mill 3.5' of the median.

PRE-BID MEETING MINUTES:

Attached.

Notes: The above items shall be considered as part of the bid submittal.

The total number of pages included with this addendum is 12

All bidders are requested to acknowledge the receipt of the Addendum No. 1 by signing below and faxing this sheet to Nate Carll, Purchasing Department, MTA at 207-871-7739. Bidders are also required to acknowledge receipt of this Addendum No. 1 on Page P-7 of the bid package.

Business Name

Print Name and Title

Signature

Date

November 13, 2023

Very truly yours,
MAINE TURNPIKE AUTHORITY

Nathaniel Carll
Purchasing Manager
Maine Turnpike Authority

MAINE TURNPIKE AUTHORITY

Pre-Bid Conference

CONTRACT 2024.03

Pavement Rehabilitation, Clearzone
and Drainage Improvements MM 20.0 to MM 23.3

November 2, 2023 11:00 AM

1) Location:

- a) Pavement Rehabilitation, Clearzone and Drainage Improvements Mile 20.0 to Mile 23.3 in the Town of Wells on the Maine Turnpike.

2) General Description:

The pavement rehabilitation work consists of milling the shoulders northbound and southbound and paving them to match the existing one inch overlay from MM 20.0 to MM 23.3. The full width section will then receive an inch and a half overlay. Excess material in the median will be removed to restore proper drainage, catch basins will be rebuilt and adjusted as necessary. Guardrail work, temporary pavement markings, maintenance of traffic and all other work incidental thereto will be completed in accordance with the Plans and Specifications.

3) Bid Opening:

- a) November 16, 2023 at 11:00 A.M. at MTA headquarters 2360 Congress Street, Portland.
- b) All bid and contractual questions shall be directed to Mr. Nathaniel Carll, Phone No. (207) 871-7771 Ext. 115.
- c) All questions on plans and specifications shall be in faxed or emailed to Nathaniel Carll, Purchasing Manager(ncarll@maineturnpike.com), of the Maine Turnpike Authority. Fax No. (207) 871-7739.

4) Notification:

- a) Contractor shall notify and obtain approval from the Authority prior to visiting the Project site for field inspection. The contact person is Mr. Steve Tartre. Please send an email to Steve T. (startre@maineturnpike.com) in lieu of a phone call.

- 5) Construction Schedule/Prosecution of Work:
 - a) After Contract Execution.
 - b) August 16, 2024 – Substantial Completion, (defined in Special Provision Section 107.1.1 Interim Substantial Completion and Substantial Completion(SP-6).
 - c) August 30, 2024 - Contract Completion date.
 - d) Lane1 and median shoulders shall be kept even during milling/paving.
- 6) Maine Department of Labor – Fair Hourly Wages (Special Provision 104.3.8):
 - a) Highway and Earthwork wages in York County(SP-3).
- 7) Cooperation with Other Contractors (MTA Supplemental Specification 104.4.7)(SP-4):
- 8) General Requirements
 - a) U-Turns at toll plazas and median openings not allowed.
 - b) Class III vests.
- 9) Permit Requirements (Special Provision 105.8.2)(SP-5)
- 10) Limitations of Operations (Special Provision 107.4.7 SP-6):
 - a) Continuous work.
 - b) Paint pavement two weeks after a bound is paved.
 - c) Mill/pave median shoulders each day.
- 11) Traffic Control (Supplemental Specification and Special Provision Section 652):
 - a) Contractor is responsible for supplying all traffic control devices.
 - b) Contractor is responsible for placement, relocation, removal and maintenance of traffic control devices. Maintenance of traffic control devices is a 24-hour a day, seven day per week, responsibility. Contractor shall inspect devices as required.
 - c) Stoppages of traffic for moving heavy or slow equipment across turnpike (stoppages less than five minutes)
 - i) Install signs “Expect Stopped Traffic” and “ Be Prepared to Stop”
 - ii) Fee of \$500 per minute for each minute in excess of the five minute allowance.
 - iii) Requests for short term traffic stoppages (up to 5 minutes) shall be submitted two days in advance of scheduled stoppage. Request subject to approval by MTA.
 - d) All signs, which do not apply to current construction activity, shall be 100% covered or removed in accordance with the plans. This includes any speed limit signs when work zone speed is in operation.
 - e) Daytime lane closures can be 3 miles long, Night time lane closures can be 5 miles long.
- 12) New Items
 - i) Truck Mounted Attenuator Pay Items. -Review Special provision 652 SP-100,101
 - ii) SP-1 Juneteenth Day June 19, 2024.
 - iii) Paving 401 Liquid 70E-28.
 - iv) Lime is not required.
 - v) Speed Trailer is incidental to MOT. Review Special provision 652 SP-101
 - vi) 627.94 Pavement Marking Tape.-Tamping cart required Revised See SP-68

13) Addendums

- a) Any pertaining to the Pre-bid Meeting.
- b) Others

14) Other

Questions shall be submitted by end of business Friday November 10, 2024 in order to be answered.

15) Questions

1. Will Copium liquid be allowed? - YES

contaminants. Groove cleaning shall be done prior to any form of precipitation. The Contractor shall prevent traffic from traversing the grooves, and re-clean grooves, as necessary, prior to application of the primer and pavement marking tape. A groove meter shall be provided by the contractor. The contractor shall also have appropriate depth measuring equipment on site to assure that desired groove depth is achieved.

The tape shall be installed in the center of the groove and tamped by means of a RTC-2 wheeled tamping cart using a minimum of 6 passes (3 back and forth). The tamper shall weigh a minimum of 200 pounds and the width of the wheel shall be less than the width of the groove. If the tape is wider than the wheel then additional passes are required to cover the full width of the tape. Vehicular tire passes will not be considered an acceptable substitute for the tamping wheel. A "Peel Test" will be completed on each first day of application to verify proper adhesion.

Reference is made to 3M Information Folder 5.18 Grooving Applications, May 2011, "Application Guidelines for Pavement Marking in Grooved Pavement Surfaces."

627.06 Application

Application shall not occur if there has been any precipitation within the previous 24 hours, the ambient air temperature is less than 40 degrees F, or there is any form of visible moisture on the pavement surface from dew or fog etc..

Immediately prior to applying the primer, the grooves shall be cleaned using compressed air through a nozzle having an inside diameter no less than ½". The air compressor shall be equipped with a moisture and oil trap and capable of delivering at least 185 CFM of air flow and 120psi of air pressure. The nozzle shall not be more than two feet off the ground while cleaning the groove. Any dust or debris in the grooves shall be blown away from traffic.

After cleaning, apply 3M Surface Preparation Adhesive SPA60. The adhesive shall be applied using a motor-powered airless sprayer in a manner that produces 100% coverage on the grooved surface at a thickness of 7 mils without pooling or puddling. The applied adhesive shall be allowed to completely dry such that it is no longer tacky to the touch.

627.09 Method of Measurements

The following paragraph is added:

The quantity of Pavement Marking Tape measured for payment will be the linear feet of tape in place and accepted. The measurement will not include the gaps.

SCHEDULE OF BID PRICES
CONTRACT NO. 2024.03
Pavement Rehabilitation, Clearzone and Drainage Improvements
MM 20.0 to MM 23.3

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
202.202	Removing Pavement Surface - Shoulders	Square Yard	29,000				
202.203	Pavement Butt Joints	Square Yard	2,510				
202.205	Rumble Strips	Each	69,696				
203.20	Common Excavation	Cubic Yard	280				
211.50	Median Restoration	Linear Foot	11,616				
304.14	Aggregate Base Course - Type A	Cubic Yard	175				
403.2081	Hot Mix Asphalt, 12.5mm (Polymer Modified)- RAP	Ton	18,630				
403.211	Hot Mix Asphalt 9.5mm (Outside 12' Shoulder NB/SB)	Ton	2,880				
403.2111	Hot Mix Asphalt 9.5mm (shimming)	Ton	300				
403.213	Hot Mix Asphalt, 12.5mm - RAP	Ton	4,110				
409.152	Bituminous Tack Coat Trackless - Applied	Gallon	16,500				

CARRIED FORWARD:

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
BROUGHT FORWARD:							
419.30	Full Depth Bituminous Sawcut	Linear Foot	11,796				
424.323	Asphalt Rubber Mastic Crack Sealant	Pound	16,000				
470.08	Berm Dropoff Correction - Grindings	Ton	1,220				
470.081	Berm Correction	Linear Foot	9,600				
606.178	Guardrail Beam	Linear Foot	250				
604.184	Rebuild Catch Basin to Grade - Type II	Each	16				
606.132	31" W-Beam Guardrail - mid-way Splice (7' Steel Posts, 8" offset Blocks, Double faced)	Linear Foot	500				
606.353	Delineator Post	Each	75				
606.355	Delineator Post - Remove and Stack	Each	75				
606.3621	Guardrail Adjust, Single Rail	Linear Foot	9,600				
606.3622	Guardrail Adjust, Double Rail	Linear Foot	18,500				
606.47	Single Wood Post	Each	20				

CARRIED FORWARD:

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
BROUGHT FORWARD:							
606.471	Single Offset Block - W-Beam	Each	30				
606.48	Single Galvanized Steel Post	Each	30				
613.319	Erosion Control Blanket	Square Yard	5,200				
615.07	Loam	Cubic Yard	50				
618.1401	Seeding Method Number 2, Plan Quantity	Unit	211				
619.1202	Temporary Mulch	Lump Sum	1				
627.73	Temporary Pavement Marking Line Tape	Linear Foot	5,228				
627.78	Temporary Pavement Marking Line	Linear Foot	75,000				
627.812	Temporary Raised Pavement Markers	Each	7,000				
627.94	Pavement Marking Tape	Linear Foot	2,614				
629.05	Hand Labor, Straight Time	Hour	30				
631.10	Air Compressor (including operator)	Hour	10				

CARRIED FORWARD:

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
BROUGHT FORWARD:							
631.11	Air Tool (including operator)	Hour	10				
631.12	All Purpose Excavator (including operator)	Hour	20				
631.172	Truck - Large (including operator)	Hour	40				
631.36	Foreman	Hour	20				
652.30	Flashing Arrow	Each	6				
652.35	Construction Signs	Square Foot	2,950				
652.3611	Maintenance of Traffic Control Devices	Lump Sum	1				
652.411	Portable - Changeable Message Sign	Each	2				
652.4502	Truck Mounted Attenuator	Each	2				
652.4503	Truck Mounted Attenuator	Week	16				
656.50	Baled Hay, in place	Each	30				
656.632	30 inch Temporary Silt Fence	Linear Foot	100				

CARRIED FORWARD:

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
BROUGHT FORWARD:							
659.10	Mobilization	Lump Sum	1				
TOTAL:							