

MAINE TURNPIKE AUTHORITY

ADDENDUM NO. 2

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:

SPECIFICATIONS:

Remove SP-43 and replace with attached.

Remove SP-68 REVISED ADDENDUM #1 and replace with attached.

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

The total number of pages included with this addendum is 3

All bidders are requested to acknowledge the receipt of the Addendum No. 2 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. 2 on Page P-7 of the bid package.

Business Name

Print Name and Title

Signature

Date

November 14, 2023

Very truly yours,
MAINE TURNPIKE AUTHORITY

Nathanial Carll
Purchasing Manager
Maine Turnpike Authority

SPECIAL PROVISION

SECTION 403

HOT MIX ASPHALT PAVEMENT

Section 403 of the Maine Turnpike Authority 2016 Supplemental Specifications modified as follows:

403.01 Description

This work shall also consist of the construction, maintenance and removal of all temporary bituminous ramps at locations as shown on the Plans or as directed by the Resident.

403.02 General

The Contractor shall compose the Hot Mix Asphalt Pavement with aggregate, Performance Graded Asphalt Binder (PGAB), and mineral filler if required. The Performance Graded Asphalt Binder (PGAB) shall be polymer modified as detailed in this special provision and shall conform to the requirements of AASHTO M 332. The PG70E-28 Binder shall be modified using Styrene-Butadiene-Styrene (SBS) polymer {BWT} in a homogeneous blend. The stability of the modified binder shall be verified in accordance with ATSM D7173 using the Dynamic Shear Rheometer (DSR). The DSR $G^*/\sin(\delta)$ results from the top and bottom sections of the ATSM D7173 test shall not differ by more than 10%. The results of ASTM D7173 shall be included on the Certified Test Report.

403.03 Construction

All areas which have been milled or overlaid shall have a minimum length temporary ramp constructed as determined by the Resident at the milled or overlaid limits prior to opening the roadway to traffic. Temporary ramps shall be constructed using the same material as being placed on that day or as directed by the Resident. All temporary ramps are to be constructed on a sand joint. The Contractor shall be responsible for all repairs and maintenance required for the temporary ramps.

The Contractor shall be responsible for the layout of the longitudinal centerline between the travel lanes.

The sand and loose debris adjacent to the median guardrail shall be removed and disposed of by the Contractor off of Turnpike property.

The forty-five degree pavement safety edge needed between adjacent lanes and or shoulders shall be incidental to the 202 pay items.

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 an 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 wheel shall be a modifier RT1 rubber roller cut down to a 6-inch width with beveled edges. 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 1/2". 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.