

MAINE TURNPIKE AUTHORITY

ADDENDUM NO. 3

CONTRACT 2023.01

**PAVEMENT REHABILITATION
AND DRAINAGE IMPROVEMENTS
MM 88.6 TO MM 98.0**

The following changes are made to the CONTRACT DOCUMENTS:

SPECIFICATIONS:

Remove SP-12 Revised Addendum #2 and Replace with SP-12 Revised Addendum #3.

QUESTIONS:

Q1: Section 202.061 Removing Pavement Surface paragraph 2, page SP-12 calls for a milling machine to be “a minimum of 12 feet in width”. Would the Authority consider allowing the contractor to utilize a standard 7 foot drum provided that all requirements are met with regards to surface deviations when tested with a 12’ straightedge placed transversely to the centerline?

A1: **No**

Q2: Typically a “12’ mill” is not truly 12’, but actually 12’6”. In areas such as MM 92.8 – 98.0 where the Travel Lane is being milled at 12’ as shown in the typical sections, will the Authority be paying for the additional 6” of milling and 6” of HMA that extends into the shoulder that is not scheduled to be removed?

A2: **Yes, in-place measurement will be based on 28’-6”.**

Q3: In amendment #2 it specifies that shoulders need to be milled with a machine that is wide enough to mill the shoulder in a single pass.

Q3a: Will the authority allow the shoulder to be milled before the mainline to avoid hanging the drum of the machine over the edge of pavement onto the gravel shoulder, unnecessarily removing berm dropoff material?

A3a: **No**

Q3b: If the authority requires the mainline to be removed first, the contractor will likely either have to hang the drum over mainline leaving a wedge of material that will need to be cleaned up with equipment other than the milling machine due to the shoulder brake, or will have to hang the drum out onto the gravel shoulder. Will payment be made under item 470.08 Berm Dropoff Correction – Grindings to replace material removed if the drum is over into the gravel shoulder?

A3b: **No, the mill shall not remove material from the gravel shoulders. The Authority will allow the 8' shoulder to be milled with a standard 7' drum.**

Q4: In the event that rain is forecasted or occurs during a scheduled milling shift, but is not a safety concern due to visibility, will the contractor be allowed to mill and apply markings on the next available dry shift?

A4: **No, see specification section 107.4.7 Limitations of Operations.**

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. 3 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. 3 on Page P-7 of the bid package.

Business Name

Print Name and Title

Signature

Date

February 6, 2023

Very truly yours,
MAINE TURNPIKE AUTHORITY

Nathanial Carll
Purchasing Manager
Maine Turnpike Authority

sensor, contact or otherwise, shall not be permitted. A copy of the automation operations manual shall be provided to the resident upon request. The equipment shall also have an effective means for removing excess material from the surface and preventing flying material in compliance with Subsections 105.2.5 Compliance with Health and Safety Laws and 105.2.6 Convenience of the Public, of the Specification.

The rotary drum on the machine shall be a minimum of 12 feet in width **for the travel lanes and a standard 7 foot drum to mill the shoulders** and utilize carbide or diamond tipped tools at a maximum 8mm tooth spacing pattern and a minimum triple wrap configuration. The difference in height from the top of any ridge to the bottom of the groove adjacent to that ridge shall not exceed ¼ inch. The cutting tools on the rotary drum shall be continually maintained and shall be replaced as warranted to provide a uniform milled pavement texture. The forward operating speed shall be limited to a maximum speed of 50 feet per minute (fpm). The limited speed is not to be calculated on an average basis over time but shall be the actual limitation at any moment during the milling operation.

The track pads that the machine travel on shall all be of a uniform thickness equal to or exceeding the manufacturers recommendations. A copy of the manufacturers' recommendations shall be provided to the resident upon request.

The Contractor shall locate, identify and remove all objects in the pavement through the work area that would be detrimental to the milling machine.

The Contractor shall be responsible for the layout of the longitudinal centerline along the crown line. The contractor shall layout the site prior to any milling. Layout shall be achieved by physical measurements obtained every 50' along the length to be milled from a fixed reference point. The contractor shall transfer the measurements to the pavement surface every 50' and apply a paint mark at each location. The marks shall then be connected by a smoothed string line and subsequent paint marks applied along the string at no greater than 10' intervals. The Resident will inspect the layout line before milling activities may begin.

The finished milled surface will be inspected before being accepted, and any deviations in the profile exceeding 3/8 inch under a 16 foot string line or straightedge placed parallel to the centerline will be corrected. Any deviations in the cross slope that exceed 3/8 inch under a 12 foot string line or straightedge placed transversely to the centerline will be corrected. In no case shall the cross slope in a single lane width be inverted resulting in a depression as measured transverse to the direction of travel. Any cross slope inversions or depressions shall be corrected by spot shimming the area with HMA as directed by the resident prior to installing any leveling or wearing course. Any areas requiring corrections will be subject to the same acceptable surface tolerances. These corrections shall be done with no additional expense to the Authority. Excess material that becomes bonded to the milled surface shall be removed to the Resident's satisfaction before the area is accepted.