



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

Janet T. Mills
GOVERNOR

Bruce A. Van Note
COMMISSIONER

December 9, 2024
Subject: Highway Reconstruction, Bridge
Rehabilitation & Lighting Replacement
State WIN: 012800.30, 022258.00 &
024363.00
Location: **South Portland**
Amendment No. 5

Dear Sir/Ms.:

Make the following changes to the bid book:

Remove Page seventy-six & seventy seven titled SPECIAL PROVISION SECTION 105 GENERAL SCOPE OF WORK dated September 13, 2023 and **Replace** with the attached SPECIAL PROVISION SECTION 105 GENERAL SCOPE OF WORK December 6, 2024

Remove page eighty two & three titled SPECIAL PROVISION SECTION 107 CONTROL OF WORK (Supplemental Liquidated Damages) dated August 10, 2023 and **Replace** with the attached SPECIAL PROVISION SECTION 107 CONTROL OF WOK (Supplemental Liquidated Damages) December 6, 2024

The following questions have been received:

Question: In order to perform the paving/earthwork/guardrail/electrical contract work from STA 201+00 to STA 203+00 the minimum roadway width of 13' called out in SP 105 (Limitations of Operations) will not be sufficient. Please allow ramp closures periods for this work to occur in an efficient manner. Thank you.

Response: Replace Special Provision Section 105 General Scope of Works (Limitation of Operation) page 76 of the Contract Bid Book with the attached Special Provision Section 105.

Question: Bullet 3.0 is unclear on what "work" is allowed during those timeframes? Please clarify? Thank you.

Response: Replace Special Provision Section 105 General Scope of Works (Limitation of Operation) page 76 of the Contract Bid Book with the attached Special Provision Section 105.

Question: To install/remove temporary shielding in the Mainline it appears you will need to keep two -12'0 lanes open according to the SP. Please clarify when single lane closures on I295 and ramps will be allowed to perform this work in all ramp and Mainline locations. Will ramps be allowed to shut down to certain widths during certain timeframes? Please clarify. Thank you.

Response: Replace Special Provision Section 105 General Scope of Works (Limitation of Operation) page 76 of the Contract Bid Book with the attached Special Provision Section 105.

Question: Please clarify what size shear connectors are on the existing bridge? Thank you.

Response: Shear connectors are 7/8" in diameter according to the standard details at the time of construction. The height is likely 5", but may vary. See details on pages 20 (sheet 151-116) and 32 (sheet 151-128) of the digital copy of the existing plans.

Question: Does bullet 2.0 allow for two 12'0 travel lanes during the day or night on I295? Thank you.

Response: Replace Special Provision Section 105 General Scope of Works (Limitation of Operation) page 76 of the Contract Bid Book with the attached Special Provision Section 105.

Question: Section 105 of the bid book states,

"2. On I-295, shoulder and partial lane closures with lane shifts will be allowed only when a minimum of two travel lanes of 12 feet can be provided in both bounds.

3. The following work on I-295 will be limited to the hours of operation noted below. All setup or removal of traffic control devices and temporary ramp and/or single lanes closures will be allowed with 72 hours' notice to the Department. Message Boards will be in-place 72 hours prior to ramp or lane closures with a message approved by the Department. The Contractor shall notify local emergency personnel resources of closure dates and times.

- a. Sunday beginning 8 pm ending Monday at 6am.
- b. Monday beginning 8 pm ending Tuesday 6am.
- c. Tuesday beginning 8 pm ending Wednesday 6am.
- d. Wednesday beginning 8 pm ending Thursday 6am.
- e. Thursday beginning 8 pm ending Friday 6am. "

Does this mean the contractor would be allowed to install a temporary shoulder closure between the hours stated above, and leave the shoulder closure in place during daylight hours, possibly long term, as long as the setup and removal of it is done between the hours stated above? Or is the intent to have no traffic control devices on the highway during the hours of 6am – 8pm?

Response: Replace Special Provision Section 105 General Scope of Works (Limitation of Operation) page 76 of the Contract Bid Book with the attached Special Provision Section 105.

Question: Please clarify any work limitations from STA 20+19.78 to STA 32+50 for the Route 1 corridor.

Response: Replace Special Provision Section 105 General Scope of Works (Limitation of Operation) page 76 of the Contract Bid Book with the attached Special Provision Section 105.

Question: Addendum #2 clarified that class 2 wood poles will be required for the special utility work, can you provide the length of these poles?

Response: Lengths of poles: $\pm 14+55$ Lt. = 45 feet, $\pm 15+20$ Lt. = 45 feet, $\pm 17+90$ Lt. = 52 feet

Question: For the work under item 910.301, it is assumed that CMP will provide the aerial power cable from the pole at Sta. 33+00 Rt to 20+15 Lt. Will CMP also provide the aerial power cable to be run from the pole at sta. 20+15Lt to the pole at 14.56 Lt? Or is this section of aerial power cable to be included in our bid and supplied by the contractor?

Response: The contractor will supply and install the aerial power cable from the pole at sta. 20+15 Lt. to the pole at 14.56 Lt.

Question: For the Drilled Shaft Foundation for the Overhead Sign Structure Left located at station 22+32.06, 84.91 Feet Left.

The contractor will require access from the sidewalk area for an extended period of time to install the drilled shaft and foundation. Will temporary closures of the sidewalk and path be allowed for this?

Response: Temporary closure of the sidewalk will be allowed per the revised attached Special Provision Section 105 General Scope of Works (Limitation of Operation) page 76 of the Contract Bid Book and see attached revised Special Provision Section 107 Control of Work (Supplemental Liquidated Damages) page 82 & 83 of the Contract Bid Book.

Question: There is a directional drill for a radar detection unit under the ramp on sheet L10 that does not appear to be included in the 626.11 and 626.251 bid items.

Answer: The radar detection unit is part of WIN 012800.30 and is shown on sheet H1. Items 626.11 has 6 EA and 626.251 has 30 LF included in WIN 012800.30.

Consider these changes and information prior to submitting your bid on **December 11, 2024.**

Sincerely,

Kevin Hanlon for

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

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

1. Existing I-295 crossovers shall not be allowed to be utilized to change direction. Crossovers shall be closed, within the Project Limits, utilizing drums during construction activities. Crossovers may not be used for storage areas. The Contractor will not be allowed to park vehicles in crossovers at any time. These crossovers shall be opened at the end of each Work shift.
2. Shoulder and partial lane closures with lane shifts will be allowed at any time when a minimum of two-twelve foot wide travel lanes in both bounds are provided.
3. I-295 may be reduced to one- twelve foot wide lane only during the following days and times:
 - a. Sunday beginning 8 pm ending Monday at 6am.
 - b. Monday beginning 8 pm ending Tuesday 6am.
 - c. Tuesday beginning 8 pm ending Wednesday 6am.
 - d. Wednesday beginning 8 pm ending Thursday 6am.
 - e. Thursday beginning 8 pm ending Friday 6am.
4. The Contractor may close the Southbound Ramp from Veteran's Bridge to Route 1 while the bridge work lane closures are in place or when approved by the Department.
5. The Contractor will be allowed seven (7) nighttime closures of each of the following ramps: I-295 Southbound Off Ramp to Route 1; I-295 Northbound Off Ramp to Veteran's Bridge; and Route 1 North Bound to I-295. Allowable night closure times for these ramps are as follows:
 - a. Sunday beginning 8 pm ending Monday at 6am.
 - b. Monday beginning 8 pm ending Tuesday 6am.
 - c. Tuesday beginning 8 pm ending Wednesday 6am.
 - d. Wednesday beginning 8 pm ending Thursday 6am.
 - e. Thursday beginning 8 pm ending Friday 6am.
6. The Contractor may close the sidewalk servicing Veterans Bridge, near station 22+32.00 Left for the installation of overhead sign foundations, for a maximum of 3 Days.
7. The Contractor shall provide a minimum notice of 72 hours prior to any setup or removal of traffic control devices and temporary ramp and/or single lanes closures. Message Boards shall be in-place a minimum of 72 hours prior to ramp or lane closures and shall include messages approved by the Department. The Contractor shall notify local emergency services of all closure dates and times.

- 8. A minimum roadway width of 13 feet shall be maintained at all times within the Bridge deck work limits, unless otherwise noted on the Plans.**
- 9. A minimum roadway width of 11 feet shall be maintained at all times within all ramp work limits, unless otherwise noted on the Plans.**
- 10. All reduced work zone speed limit signs shall be covered or removed when lane closures are removed, or when no work is occurring.**
- 11. Supplemental Liquidated Damages will be assessed for each lane, ramp or sidewalk that remains closed to traffic outside the allowable closure times, described above, in accordance with Special Provision Section 107, Control of Work (Supplemental Liquidated Damages).**

SPECIAL PROVISION
SECTION 107
CONTROL OF WORK
(Supplemental Liquidated Damages)

General: Monetary assessments will be made against the Contractor for each ¼ hour there are lane restrictions as specified below.

Definitions of Terms: For this contract the following definitions apply:

- (a) Hour: Any continuous 60-minute period or portion of a continuous 60-minute period beginning at the point when a lane and/or shoulder is closed or obstructed by the contractor's operation(s).
- (b) 15 Minute Period: Any portion of a 15-minute continuous period.
- (c) Obstruction: When the contractor's operation(s) have resulted in the useable lane width of the travel lane or passing lane to be less than that specified in the plan documents.

This contract includes a supplemental liquidated damage procedure under which the contractor is assessed a charge for each lane closure outside the time periods specified under Special Provision 105 (Limitations of Operations). The charge will be assessed for each lane restriction as follows:

One Lane Closed	\$1,500/0 - 15 Minutes
	\$5,000/ 16 -30 Minutes
	\$10,000/ 31-45 Minutes
	\$25,000/ 46-60 Minutes

* **These charges will be accumulative in nature. Example: 0 to 15 minutes, the contractor shall be assessed \$1500.00. From 16 minutes to 30 minutes the charges will be \$5000.00 + \$1500.00 = \$6500.00, and so on. Times above 60 minutes shall receive an additional assessment of \$2,500.00 for each portion of a 15-minute time period.**

The Contractor will be assessed Supplemental Liquidated Damages at the rate of One thousand dollars (\$1000.00) per Calendar Day that the sidewalk servicing Veterans Bridge, near station 22+32.00 Left for the installation of overhead sign foundations is not open.

The applicable charges will be deducted from any monies due the Contractor for work performed. The deduction will be based on the applicable rate for any and all closures whether work is being performed or not. Deductions will be accomplished through progress payments due the Contractor.

The Contractor shall address in their Traffic Control Plan a contingency plan for opening up both lanes of traffic within one hour of being notified by the Resident. This plan shall be fully detailed, and Permission to open up both lanes shall only be granted if work being performed can safely be stopped to allow lanes to be opened to traffic.