



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

Janet T. Mills  
GOVERNOR

Bruce A. Van Note  
COMMISSIONER

May 17, 2022  
Subject: Bucknam Road Bridge  
Replacement, Intersection Improvements &  
Johnson Road Bridge Replacement  
State WINs: 021720.00, 021721.00 &  
022672.00  
Location: **Falmouth**  
**Amendment No. 3**

Dear Sir/Ms.:

Please make the following changes to the Bid Documents:

In the Bid Book:

**ADD** the attached SPECIAL PROVISION - SECTION 104 - GENERAL RIGHTS AND RESPONSIBILITIES - (General Duty to Cooperate), 1 page, dated May 13, 2022.

The following questions have been received:

**Question:** Regarding the TSS required to support the pier caps in Phase I of the Bucknam Rd bridge work, it seems there is not a practical alternative to using the middle columns' pile caps as a foundation for the TSS beams. The pile caps are buried and cannot be inspected prior to bid time. Should the contractor assume that the middle pile caps in their existing condition are "uncracked or only mildly cracked" and have sufficient design capacity to support the additional loads, as shown in concept on sheet 14 of 53? Will a design check of these pile caps for the use of the TSS be required as part of the TSS submittal? If they are not usable as foundations, will MDOT cover the additional costs required to repair or reinforce the pile caps or provide another means of supporting the TSS columns? Since an alternative foundation for this TSS would be a substantial and costly undertaking, we feel that MDOT should make these assumptions for the contractor at bid time.

**Response:** The concept of using the existing foundations (as shown on sheet 14) for temporary support has been checked for overall stability and pile load capacity. The Contractor is responsible to design an appropriate temporary support to ensure adequate structural capacity is maintained to transfer all loads to the foundation piles. The Department has provided the as-built information for Contractor use. It has been the Department's experience that existing footings of this age with a single mat of steel reinforcement will exhibit significant cracking. Application of additional forces to any part of the existing pier due to the temporary support design must be checked and may require additional reinforcement and or retrofit. Any such reinforcement/retrofit will be incidental to the TSS item.

**Question:** Under item 634.161 Bridge & Highway Lighting Including Wire, the specs states that the number and size of conduits, pull boxes and junction boxes shown in the Contract Plans are illustrative only. There is a brief run of conduit shown on the traffic signal plan on sheet #14, but there does not appear to be any plan sheet showing the conduit run to each side of the bridge. Please provide additional details on the conduit run from the intersection at the NB ramps to the light locations under the bridge.

**Response:** Please reference the full Special Provision - Section 632 – Highway Lighting - (Bridge and Highway Lighting Including Wire), specifically section 634.0611 Under-bridge Wall Lighting.

**Question:** Due to the extreme volatility of steel prices and the extended duration of the project, would the Department consider GFRP in lieu of Chrome-X for the deck reinforcement of the bridges?

**Response:** A bid option will not be provided for GFRP reinforcement. The Department may consider material substitutions on a case by case basis during construction.

**Question:** At what distance from traffic will pile driving be permitted?

**Response:** The Department has no policies or specifications that address pile driving operations adjacent to live traffic. The Contractor is responsible for damages to adjacent property and the traveling public.

Consider these changes and information prior to submitting your bid on **May 25, 2022**.

Sincerely,



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

**SPECIAL PROVISION**  
**SECTION 104**  
**GENERAL RIGHTS AND RESPONSIBILITIES**  
(General Duty to Cooperate)

The following is added to Standard Specifications Subsection 104.4.7, Cooperation With Other Contractors:

It is hereby brought to the Contractor's attention that the city of Falmouth plan to advertise and award a contract near or within the limits of this Contract.

Falmouth, Johnson Road over Chenery Brook  
Description: Culvert Replacement over Chenery Brook

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The Contractor shall attend periodic meetings, as needed, for the other projects in the vicinity of this project. The intent of these meetings is to ensure coordination between projects with respect to safety, traffic control, and schedule.

The Contractor shall cooperate and coordinate with other Contractors at all times and provide project access as necessary and as directed by the Resident.