



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

Janet T. Mills  
GOVERNOR

Bruce A. Van Note  
COMMISSIONER

July 7, 2025  
Subject: Bridge Replacement  
WIN: 022382.00  
Location: **Cumberland-Yarmouth**  
**Amendment No. 3**

Dear Sir/Ms.:

The following questions have been received:

**Question:** According to the contract plans, Note 5 on Sheet 86/121, the MSE walls in front of the abutment walls shall be designed to account for additional pressure imposed by the lateral displacement of the piles and abutment.

Please provide the magnitude of the additional lateral pressure and the depth of influence that should be considered in the MSE wall design.

**Response:** The geotechnical inputs necessary for this calculation are provided in the Geotechnical Design Report. Passive earth pressures should be calculated using the MassDOT methodology, consistent with the approach used for abutment passive earth pressure coefficient in the report using the deflection values provided in Note 5 of Sheet 86. Lateral distribution of load from the face of the pile to the back of the MSE facing units may be considered in the analysis.

Consider these changes and information prior to submitting your bid on **July 16, 2025**.

Sincerely,

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