



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

Janet T. Mills
GOVERNOR

Bruce A. Van Note
COMMISSIONER

August 17, 2023
Subject: Long Creek Bridge #2
Install Baffles
State WIN: 020535.00
Location: **South Portland**
Amendment No. 2

Dear Sir/Ms.:

The following questions have been received:

Question: Are there any as built's available for the existing concrete liner in the existing structural plate pipe? Does the existing concrete liner in the existing structural plate pipe have any studs, or other type of mechanical connectivity to the pipe?

Response: There are no as-built's for the current invert lining from 1996. The work was done by DOT maintenance crews and is defined as a 4-6" thick concrete invert lining, covering the bottom of the pipe. Total concrete used for the project was 50 CY. The concrete is reinforced with steel reinforcing.

Question: In reference to the response in Amendment #1 regarding removal of the existing concrete invert lining in the existing structural plate pipe. The assumption could be made that the existing invert lining was cast due to significant deterioration of the existing bottom section of the structural plate pipe. Without evidence of the existing condition of the bottom section of the structural plate pipe, removal of the existing concrete lining could affect the structural integrity of the pipe. Is the Department bearing the responsibility of the structural analysis of the pipe, and any additional temporary structural support in order for the contractor to safely remove the existing concrete liner while avoiding pipe collapse? If this is to be the responsibility of the contractor, how will this be paid?

Response: After further examination, the existing concrete invert lining does not need to be fully removed, except for loose or easily removed delaminated portions. The proposed invert lining can be placed over the existing lining. Removal of any loose or delaminated portions of the existing invert lining shall be incidental to item 502.325 Structural Concrete Invert Lining

Consider these changes and information prior to submitting your bid on **August 23, 2023**.

Sincerely,

A handwritten signature in blue ink, appearing to read "George Macdougall". The signature is fluid and cursive, with a large initial "G" and "M".

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