



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

Janet T. Mills
GOVERNOR

Bruce A. Van Note
COMMISSIONER

December 17, 2020
Subject: Culvert Slipline
State WIN: 026975.00
Location: **Greenville**
Amendment No. 1

Dear Sir/Ms.:

The following question has been received:

Question: Could you please clarify the pipe material spec'd for the project? Profile Wall pipe is usually terminology used for larger diameter HDPE profile wall (ASTM F894). If a metal liner pipe is wanted for the project, what manning's coefficient is wanted? Ultra flo has a manning's of 0.012 OR 5"x1" corrugated has a manning's of 0.024

Response: The pipe shall meet the requirements for Standard Specifications, Section 603, Option III Culvert Pipe. The Department will accept a smooth bore pipe with a Manning's "n" of 0.013 or less and has a minimum I.D. of 78 inches, or a corrugated pipe with a Manning's "n" higher than 0.013 and has a minimum I.D. of 84 inches.

Consider these changes and information prior to submitting your bid on **December 23, 2020**.

Sincerely,

A handwritten signature in blue ink that reads "George Macdougall".

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