



Paul R. LePage  
GOVERNOR

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

David Bernhardt  
COMMISSIONER

December 15, 2015  
Subject: Culvert Rehabilitation  
State WIN: 020269.00  
Location: **Freeport**  
**Amendment No. 1**

Dear Sir/Ms

The following questions have been received:

Question: Will the State allow a metal pipe liner whether it be Aluminized Type 2, polymer coated, or some other variation

Response: No.

Question: Some field measurements were taken; it would appear that a 96"Ø pipe will not fit, even if vertically ellipsed. Would the State allow a smaller pipe diameter? If so, what size? Could the inlet be improved via a bevel, or any other acceptable improvement to reduce the entrance loss?

Response: The Department anticipates some manipulation to fit a 96" pipe. A smaller diameter will not be considered.

Question: Proposing an alternate liner may affect the fish weirs, is there another design to be considered for those?

Response: The Department will not consider an alternate material or sized pipe.

Question: In the specs it calls for ASTM F714 which would only be available up to 63" outside diameter. What ASTM should the pipe be?

Response: ASTM F894

Question: The inlet side of the existing culvert is not 96" wide. It is 84" max. There is no way to get the pipe through this. How will the department handle this?

Response 5: The inlet side is 96" within 5 feet of the inlet, the expectation is to get as close to the inlet as possible.

Question 6: Is the intended use of the granular borrow item to be used as fill on the embankment?



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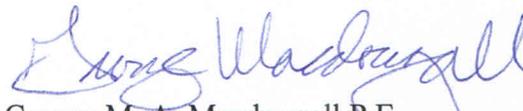
Response 6: Yes

Question 7: Would MDOT consider the option of placing a reinforced shotcrete liner within this culvert as opposed to installing a slipline system?

Response 7: No

Consider this change and information prior to submitting your bid on **December 23, 2015**.

Sincerely,



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