



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

Paul R. LePage
GOVERNOR

David Bernhardt
COMMISSIONER

August 2, 2018
Subject: Culvert Slip Linings
State WINS: 022431.00, 025116.00
024790.00
Location: **Skowhegan & Taunton
and Raynham Grant Township
Amendment No. 1**

Dear Sir/Ms.:

Please make the following changes to the Bid Documents:

In the Bid Book:

REMOVE pages 30 – 32, CONSTRUCTION NOTES, 3 pages, dated July 17, 2018, and
REPLACE with the attached, revised CONSTRUCTION NOTES, 3 pages, dated July 26, 2018.

The following question has been received:

Question: Page 30 of 200 of the Bid Docs state a 30" Outside Diameter for Skowhegan #1 and below it references the Inside diameter. Can you clarify ID or OD desired?

The ID of 32" OD solid wall is approximately 29.91 inches.

The ID of 30" OD solid wall is approximately 28.04 inches.

Response: The desired dimensions of the pipe are 32 inch outside diameter with a 29.91 inch inside diameter.

Consider these changes and information prior to submitting your bid on **August 8, 2018**.

Sincerely,

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



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CONSTRUCTION NOTES

ITEM 203.24 COMMON BORROW

This is used to build the inslope of the inlet and outlet to 3:1 Ratio. This is estimated at 120cy for Slipline #1 and 60cy for Slipline #2.

ITEM 509.202 CULVERT SLIPLINING

- These are in-water locations and downstream flow conditions shall be maintained as required by Special Provision 105 Environmental Requirements. The Contractor will be required to handle and pump water such that the stream is always flowing and no dirty water leaves the site.
- All work Shall be done in accordance with Maine Department of Transportation's Best Management Practices for Erosion and Sedimentation Control.
- The Contractor shall use cofferdams. Sand bags are allowed.
- In-Water work is only allowed from July 15 to September 30.

SKOWHEGAN #1 22431.00

32" OD x 77' HDPE OPTION III SLIPLINE. (SLIPLINE #1)

Located in Skowhegan on Route 2 at GPS coordinates N 44.77443, W -69.61826

Existing: 36" x 66' CMP; Centerline Elevation = 112.86

Proposed: 29.91" ID' x 77' HDPE Slipline Option III; Centerline Elevation= 112.86

Elevation of existing inlet is 104.19' Proposed inlet elevation is 104.62'.

Elevation of existing outlet is 100.00' Proposed outlet elevation is 99.57'

- The Contractor shall supply a 29.91" ID X 77' HDPE Slipline pipe meeting all the requirements of Standard Specification, Section 603, Option III Culvert pipe.
- Prior to submitting assembly drawings & pipe insertion methods, the Contractor shall field measure the existing pipe and shall immediately notify the Department if the proposed pipe may not fit. The Contractor is responsible for field measurement of the existing culvert pipe to ensure proper fit of the liner. No payment will be made for pipe that does not fit because of failure to verify field conditions.
- This Project will extend the existing culvert 4' at the inlet end and 7' at the outlet end.
- The Contractor shall remove and properly dispose of a concrete headwall that is located on the inlet end. Payment shall be incidental to Item 509.202.

- Install the following Guardrail Items in accordance with applicable Standard Specifications, Standard Details. Payment shall be incidental to Item 509.202.
 - ITEM 606.1301 W-BEAM GUARDRAIL, MID-WAY SPLICE- SINGLE FACED, Station – Station 1+44 – 3+53, Quantity (LF) 237.5
 - ITEM 606.1303 W-BEAM GUARDRAIL, MID-WAY SPLICE-15'RADIUS & LESS, Station – Station 1+19 – 1+31.5, Quantity (LF) 12.5
 - ITEM 606.1304 W-BEAM GUARDRAIL, MID-WAY SPLICE-OVER 15' RADIUS, Station – Station 1+31.5 – 1+44, Quantity (LF) 12.5
 - ITEM 606.1305 MIDWAY SPLICE FLARED TERMINAL, Quantity (EA) 1
 - ITEM 606.265 TERMINAL END SINGLE RAIL- GALVANIZED STEEL, Quantity (EA) 1
 - ITEM 606.353 REFLECTORIZED FLEXIBLE GUARDRAIL MARKER, Quantity (EA) 3
 - ITEM 606.754 WIDEN SHOULDER FOR FLARED TERMINAL END, Quantity (EA) 1

The widening for the terminal end shall be built in accordance with Standard Detail 606, November 2014 Edition

SKOWHEGAN #2 25116.00

22.4" ID x 105' HDPE OPTION III SLIPLINE. (SLIPLINE #2)

Located in Skowhegan on Route 2 at GPS coordinates N 44.777601, W -69.636843

Existing: 36" x 106' CMP; Centerline Elevation = 100.00

Proposed: 22.4" ID' x 106 HDPE Slipline Option III; Centerline Elevation= 100.00

Elevation of existing inlet is 85.97' Proposed inlet elevation is 86.55'.

Elevation of existing outlet is 85.94' Proposed outlet elevation is 86.52'

- The Contractor shall supply a 22.4" ID X 105' HDPE Slipline meeting all the requirements Standard Specification, Section 603, Option III Culvert pipe.
- Prior to submitting assembly drawings & pipe insertion methods, the Contractor shall field measure the existing pipe and shall immediately notify the Department if the proposed pipe may not fit. The Contractor is responsible for field measurement of the existing culvert pipe to ensure proper fit of the liner. No payment will be made for pipe that does not fit because of failure to verify field conditions.
- The disconnected section on the inlet will be removed and discarded and the Slipline shall end at the point of origin.

ITEM 610.08 PLAIN RIPRAP.

The inslope of the inlet and outlet ends on pipe #1 are to be riprap. This is estimated at approximately 70cy.