

ITEM 02603.9801XX M - SMOOTH INTERIOR CORRUGATED
P O L Y E T H Y L E N E P I P E
L I N E R

DESCRIPTION:

The work shall consist of lining existing culvert pipes with smooth interior corrugated polyethylene culvert pipe in accordance with this specification, and the contract plans and proposal.

MATERIALS:

The smooth lined polyethylene pipe shall conform to the requirements of subsection 706-12 of the Standard Specifications. Pipe joints are to be of a threaded type as necessary to accommodate the lining of the existing pipe with the specified polyethylene pipe liner size.

CONSTRUCTION DETAILS:

Polyethylene pipe liners are to be progressed through the existing pipe to extend to the length specified on the plans. Concrete collars are to be formed at the joint where the pipe liner extends past the existing pipe as detailed in the contract plans. Where pipe liners extend outside existing pipes to be lined, excavation, bedding, and backfill shall be in conformance with Standard Sheet 203-5R1 and as detailed in the contract plans.

HANDLING AND ASSEMBLY OF PIPE:

All pipes shall be handled, stored, and assembled in accordance with the approved materials details except as modified on the contract plans or by the Engineer's written order. Joint assembly shall be made with manufactured ends unless approved by the Engineer.

DAMAGE:

Pipe that is damaged or disturbed through any cause occurring prior to acceptance of the contract shall be replaced or realigned as directed by the Engineer at the Contractor's expense. Pipe that is defective from any cause, including damage caused by handling, will be unacceptable for installation and will be replaced as directed by the Engineer at not cost to the State.

METHOD OF PAYMENT:

This work will be measured as the number of linear meters of pipe installed. Measurement will be made along the bottom center line of the pipe.

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BASIS OF PAYMENT:

End sections, excavation, granular fill, backfill and concrete collars shall be paid for under their appropriate items. All other work necessary for the installation of the pipe shall be included in the price bid.

Payment will be made under:

- Item 02603.980112 Smooth Interior Corrugated Polyethylene Pipe Liner, 12 NPS
- Item 02603.980115 Smooth Interior Corrugated Polyethylene Pipe Liner, 15 NPS
- Item 02603.980118 Smooth Interior Corrugated Polyethylene Pipe Liner, 18 NPS
- Item 02603.980121 Smooth Interior Corrugated Polyethylene Pipe Liner, 21 NPS
- Item 02603.980124 Smooth Interior Corrugated Polyethylene Pipe Liner, 24 NPS
- Item 02603.980130 Smooth Interior Corrugated Polyethylene Pipe Liner, 30 NPS
- Item 02603.980136 Smooth Interior Corrugated Polyethylene Pipe Liner, 36 NPS