

POLYETHYLENE PIPE SLEEVE

****From Barre Town HES 026-1(38)**

- xx. DESCRIPTION. This work shall consist of furnishing and installing a polyethylene pipe sleeve for public or private utilities as shown in the Plans and as directed by the Engineer.

The work under this Section shall be performed in accordance with these provisions, the Plans, and Section 625 of the Standard Specifications.

- xx. MATERIALS. Materials shall meet the following requirements:

- (a) Pipe Sleeve. Polyethylene pipe sleeve shall meet the requirements of AWWA C906-99: *Standard for Polyethylene (PE) Pressure Pipe and Fittings, 4" (100 MM) through 63" (1,575 MM) for Water Distribution and Transmission.* The sleeve shall be sealed with a water-tight end cap at each end.

Each sleeve section shall be connected such that it acts as one continuous pipe. The joining process shall meet the requirements of ASTM D 3261-03.

- (b) Backfill. Backfill material shall meet the requirements of Subsection 704.08 or alternate material approved by the Engineer.

- xx. CONSTRUCTION REQUIREMENTS. Sleeve installation shall be performed in accordance with Subsection 625.03.

The Contractor shall provide at least 3 ties between permanent at-grade features and each end of the sleeve. These ties shall be provided to the Engineer.

- xx. METHOD OF MEASUREMENT. The quantity of Special Provision (Polyethylene Pipe Sleeve) to be measured for payment will be the number of meters (liner feet) of sleeve installed in the complete and accepted work.

- xx. BASIS OF PAYMENT. The accepted quantity of Special Provision (Polyethylene Pipe Sleeve) will be paid for at the Contract unit price per meter (linear foot). Payment will be full compensation for fabricating, furnishing, transporting, handling, saw cutting, joint fusing, and placing all materials, including pull wire and end caps, and for furnishing all labor, tools, equipment, and incidentals necessary to complete the work.

Blocking (skids), stainless steel straps, bituminous concrete pavement, portland cement concrete pavement, reinforcing steel, emulsion, subbase materials, brick end walls, and other materials required in conjunction with sleeves will be considered incidental to Special Provision (Polyethylene Pipe Sleeve).

Excavation for Special Provision (Polyethylene Pipe Sleeve) will be paid under Contract item 204.20.

Backfill of trenches and boring or jacking pits for the placement of sleeves for utilities will be considered incidental to Special Provision (Polyethylene Pipe Sleeve).

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
900.640 Special Provision (Polyethylene Pipe Sleeve)(X X X")	Meter (Linear Foot)