

TRENCH AND PLACE PVC CONDUITS IN EARTH

****From Hartford-Sharon FITS(503)**

xx. DESCRIPTION. This work shall consist of excavating a trench; installing six (6) 1.25" "Hex-Pac" (2 x 3 configuration) or approved equal PVC conduits in the trench in accordance with the manufacturer's specifications; backfilling, compacting, and restoring the trench line to original or better condition; furnishing and placing select backfill if the spoils from the trench are not acceptable for use as backfill; placing 4" nonmetallic utility/cable warning tape 12" below the restored surface and directly over top of the PVC conduits; and placing a #6 copper ground wire 6" above the conduits during the backfilling operation.

xx. MATERIALS. The Contractor is required to submit material specification sheets for all materials used, for approval by the Engineer.

Unless otherwise specified, the material shall be a 2 x 3 configured 1.25" diameter Type C or Schedule 40 PVC conduit. The conduit may be acquired pre-assembled into the 2 x 3 configuration, or the 1.25" conduits may be purchased separately and spacer may be retrofitted in the field. The material also includes 4" nonmetallic utility marking tape and #6 copper ground wire.

Additional select backfill may be required if the spoils from the excavation are deemed unsuitable for backfill by the Engineer.

xx. CONSTRUCTION REQUIREMENTS. When joining the "Hex-Pac" or approved equal duct to loose HDPE ducts, the Contractor shall use the BonDuit conduit adhesive, or an approved equal.

xx. METHOD OF MEASUREMENT. The quantity of Special Provision (Trench and Place PVC Conduits in Earth) to be measured for payment will be the number of meters (linear feet) installed in the complete and accepted work.

xx. BASIS OF PAYMENT. The accepted quantity of Special Provision (Trench and Place PVC Conduits in Earth) will be paid for at the Contract unit price per meter (linear foot). Payment will be full compensation for performing the work specified and for furnishing all materials, labor, tools, equipment, and incidentals necessary to complete the work.

Payment will be made under:

| <u>Pay Item</u> | <u>Pay Unit</u> |
|--|------------------------|
| 900.640 Special Provision (Trench and Place PVC Conduits in Earth) | Meter (Linear Foot) |