

CONCRETE ENCASEMENT OF CONDUITS OR DUCTS

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

- xx. DESCRIPTION. This work shall consist of encasing 4" steel pipes, or other conduit or duct structures, with 3000 psi concrete with a minimum of 4" of concrete on all sides of the structure; placing utility/cable warning tape 12" below the restored surface and directly over top of the concrete encasement; and placing a #6 copper ground wire 6" above the concrete encasement.

The work under this Section may be called for in the field by the Engineer when the Engineer determines that additional protection is required due to the potential of future third party excavation work in proximity of the fiber optic infrastructure.

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

Additional select backfill may be required if the spoils from the excavation are deemed unsuitable for backfill by the owner's representative.

- xx. METHOD OF MEASUREMENT. The quantity of Special Provision (Concrete Encasement of Conduits or Ducts) to be measured for payment will be the number of meters (linear feet) of encasement placed in the complete and accepted work.

- xx. BASIS OF PAYMENT. The accepted quantity of Special Provision (Concrete Encasement of Conduits or Ducts) 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 (Concrete Encasement of Conduits or Ducts)	Meter (Linear Foot)