

When crossing foreign structures, the conduit shall be located either above or below the foreign structure depending on grade. The minimum separation between utility conduit systems and other conduit systems or foreign pipes such as water, gas mains, etc., shall be at least 6 inches of clearance when crossing and 12 inches when paralleling.

At vault and other locations, conduit shall maintain a minimum separation of at least 3 inches of clearance from the outside surfaces of the vault walls, floor or roof and power or other foreign conduits.

When crossing water laterals to hydrants, if lateral valve is located between the main and hydrant, the conduit shall be located so as to provide a minimum of 12 inches clearance from the valve.

When a condition is encountered other than above, such as the requirement for rerouting or relocation of another utility, bypasses, etc., the Engineer shall be notified immediately of consultation and agreement with both utility companies involved.

624.08. METHOD OF MEASUREMENT: The quantity of Ducts Concrete Encased- Duct Bank, Ducts Concrete Encased -Duct Bank Roadway, and Ducts Concrete Encased -Duct Bank Through Sleeve will be paid for at the contract unit price per linear foot. Measurement for Duct Banks will be made along the centerline of the main duct bank from the face of Verizon Manhole #116B to the face of Verizon Manhole #119A. No deduction shall be made for the length through intermediate manholes and no additional measurement shall be made for the two and four duct runs to handholes off the centerline of the main duct bank.

624.09. BASIS OF PAYMENT: The accepted quantities of each type duct bank will be paid at the contract unit price per unit for the item specified in the contract, which price shall be full compensation for furnishing, transporting, handling and installing the conduit material (including conduit, conduit spacers, transition couplings, elbows and other fittings, caps, plugs, pulling wire, marking tape, and all other material needed for a complete direct burial duct system), controlled density fill, and concrete grout, including but not limited to excavation and backfill, loading and transporting to the job site all materials required, disposal of unused materials off-site, making new entries into existing vaults and the furnishing of labor, tools, equipment and incidentals necessary to complete the work. Any additional depth of excavation required to construct conduit under other utilities, and the cost thereof, shall be included.

Backfill above the level of the controlled density fill will be paid at the unit prices of the following items as applicable: Topsoil, Subbase of Crushed Gravel (Fine Graded), Bituminous Concrete Pavement (PG 64-28), and Portland Cement Concrete Sidewalk, 5 inch.

Payment will be made under:

Pay Item		Pay Unit
624.20	Ducts, Concrete Encased (Mod. - Duct Bank)	Linear Foot
624.20	Ducts, Concrete Encased (Mod. - Duct Bank, Roadway)	Linear Foot
624.20	Ducts, Concrete Encased (Mod. - Duct Bank, Through Sleeve)	Linear Foot