

2" CONDUIT UNDER DRIVEWAYS AND SIDEWALKS (Jacking, Drilling, or Pushing Method)

I. Quantity

The base bid shall include the indicated number of feet of 2" conduit installed under driveways and sidewalks located as shown on the drawings.

II. Material

- a. Conduit - The non-metallic conduit shall be schedule 40 polyvinyl chloride. It shall be designed to form a sound, strong duct, free from defects. It shall be non-magnetic, resistant to corrosive action, unaffected by electrolysis and shall not soften, deform or deteriorate when exposed to the maximum safe operating temperature of cables. The inside surface of the conduit shall be smooth, and round and shall have a 2" nominal inside diameter. The conduit shall be Carlon, Heritage, Cantex heavy wall PV-duit plus or approved equal.
- b. Couplings - The couplings shall be of the same material as the conduit, and shall be sufficiently tight to prevent silt or concrete from entering the conduit.

III. Installation

A hole shall be created under the driveway or sidewalk large enough to accommodate the conduit by jacking, drilling or pushing an object under the driveway or sidewalk as shown on Drawing 01S0086. The conduit shall be extended through the opening and connected to the conduit in the open area.

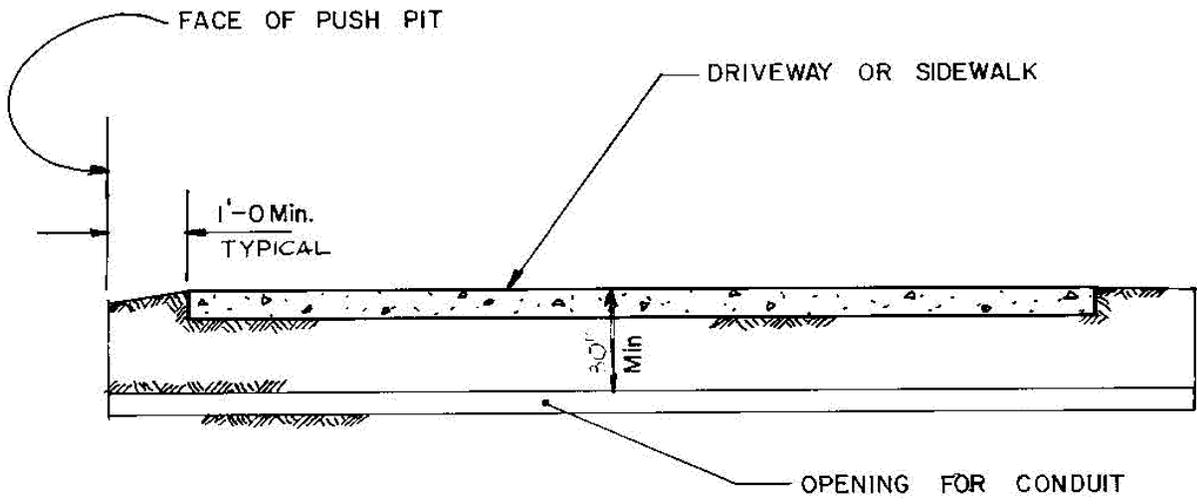
The contractor shall place the push pit without disturbance to the existing driveway or sidewalk. The push pit shall be backfilled and compacted. The disturbed area shall be graded and seeded as specified in Section 623 of the City's Construction and Material Specifications.

The cost for jacking, drilling or pushing conduit under driveway or sidewalk shall be quoted on a per foot basis, from face to face of push pits, complete in place. Include in the unit price cost for the non-metallic conduit, excavation for push pits, granular and other backfill materials, compaction, disposal of surplus materials and restoration of disturbed facilities and surfaces to equal or better condition that existed prior to the work.

In the event the driveway or sidewalk cannot be jacked, drilled or pushed the engineer may elect to have the conduit installed by open cutting the driveway or sidewalk in accordance with Division of Electricity Specifications MIS 15 and 16 contained elsewhere in this document.

IV. Quotation

The 2" conduits under driveways and sidewalks hereinbefore specified shall be quoted for as a unit price per lineal foot in the appropriate section of this document.



MELP MUNICIPAL ELECTRIC LIGHT & POWER SYSTEM
 CITY OF COLUMBUS, OHIO
 DEPT. OF UTILITIES & AVIATION - DIV. OF ELECTRICITY

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 DRIVEWAY OR SIDEWALK**
 (JACKING, DRILLING, OR PUSHING METHOD)

REVISIONS

SCALE NONE	DRAWN MO 12/87	DRAWING NO. 01S0086
C. D. NUMBER	APPROVED	SHEET 1 OF 1