

I. MATERIALS

- A. THE NON-METALLIC CONDUIT SHALL BE SCHEDULE 40 POLYVINYL CHLORIDE. THE CONDUIT SHALL BE DESIGNED TO FORM A SOUND, STRONG DUCT, FREE FROM DEFECTS. THE CONDUIT 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 PVC OR APPROVED EQUAL.
- B. 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.

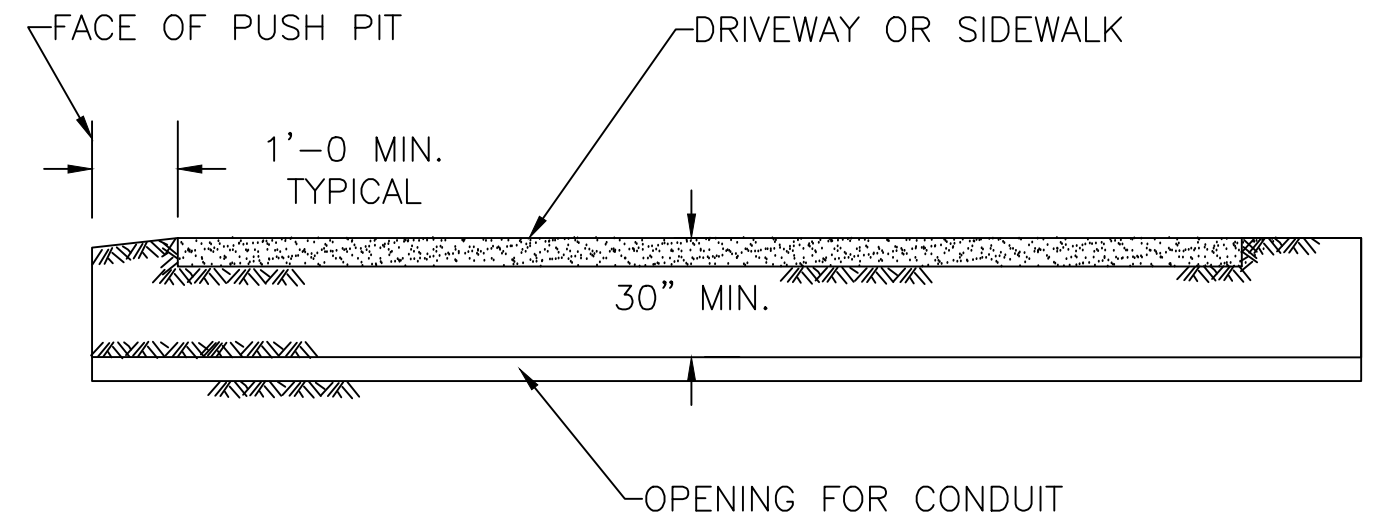
II. INSTALLATION

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. 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 SEEDING AS SPECIFIED IN THE CITY OF COLUMBUS CONSTRUCTION AND MATERIAL SPECIFICATIONS.

NO CONDUIT RUN SHALL EXCEED 200 LINEAR FEET WITHOUT INSTALLATION OF A PULL BOX. IF A PULL BOX IS REQUIRED, THE BOX SHALL BE PER MIS-54, AND PAID FOR SEPARATELY FROM THIS SPECIFICATION.

THE COST FOR JACKING, DRILLING OR PUSHING CONDUIT UNDER DRIVEWAY OR SIDEWALK SHALL BE PAID 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.



III. BASIS OF PAYMENT

ITEM	UNIT	DESCRIPTION
MIS-701	LINEAR FOOT	2" CONDUIT-JACKING, DRILLING, OR PUSHING

MIS-701	DEPARTMENT OF PUBLIC UTILITIES - DIVISION OF POWER CITY OF COLUMBUS, OHIO		
	2" CONDUIT-JACKING, DRILLING, OR PUSHING		
	DRAWN BY: SAW	DATE: 1/1/24	
	SCALE: NONE	SHEET: 1 OF 1	701