

**NOTES:**

1. THE CONDUIT SHALL PASS UNDER CURB DRAIN. EXACT ELEVATION MAY VARY (30" MIN.-48" MAX) TO AVOID EXISTING UTILITIES IN THE ROADWAY.
2. CONTRACTOR SHALL REPLACE, REPAIR AND REALIGN ANY CURB OR CURB DRAINS BROKEN, DISTURBED OR REMOVED DURING INSTALLATION OF CONDUIT.

**I. APPLICATION**

- A. THE 2.5" HDPE CONDUIT WITH 1-1/2" CABLE-IN-DUCT SHALL BE INSTALLED UNDER ACCESS DRIVEWAYS WHERE LIGHTER TRAFFIC VOLUMES ARE PREVALENT.

**II. MATERIALS**

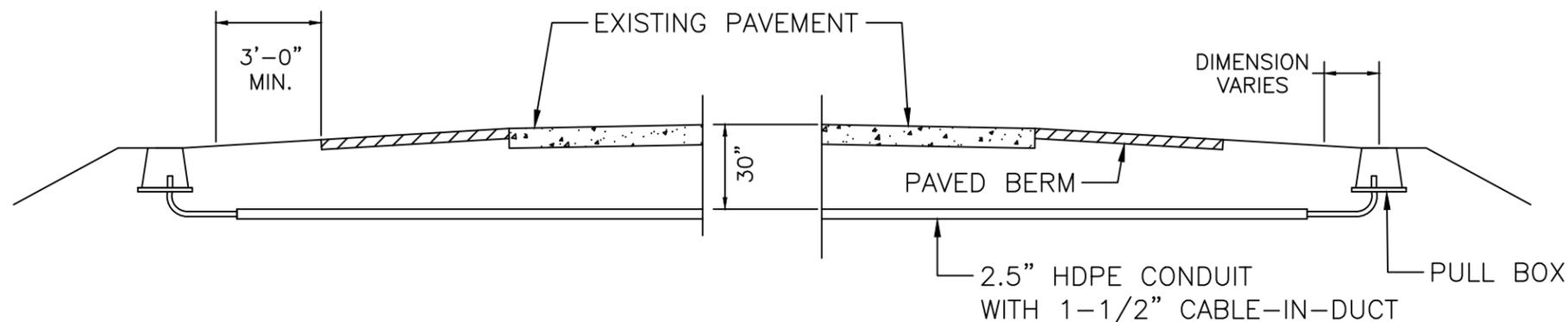
- A. CONDUIT RIGID - "RIGID NON-METALLIC CONTINUOUS LENGTH HDPE CONDUIT" SHALL BE MANUFACTURED FROM HIGH DENSITY POLYETHYLENE RESIN (HDPE), SCHEDULE 40, CONFORMING TO THE REQUIREMENTS OF UL 651 PER ASTM D 2447. THE CONDUIT SHALL COMPLY WITH NEMA TC 7 -2000 FOR TYPE EPEC-40-HDPE. THE CONDUIT SHALL BE PERMA-GUARD UL, HDPE CONDUIT OR APPROVED EQUAL.
- B. CONDUIT 1-1/2" CABLE-IN-DUCT - AS SPECIFIED IN MIS-704 OR 705 AS REQUIRED.
- C. PULL BOX SHALL BE PER MIS-54 OR MIS-61, AND PAID FOR SEPARATELY FROM THIS SPECIFICATION.

**III. INSTALLATION**

- A. THE 2.5" HDPE CONDUIT WITH 1-1/2" CABLE-IN-DUCT SHALL BE INSTALLED BY MEANS OF PUSHING, JACKING OR DRILLING.
- B. THE CONTRACTOR SHALL PLACE THE DRILL WITH THE LEAST AMOUNT OF DISTURBANCE TO THE EXISTING PAVEMENT, BERM PAVEMENT OR SHOULDERS OF THE ROADWAY.
- C. THE CONTRACTOR SHALL EXERCISE CARE NOT TO DAMAGE THE HDPE CONDUIT DURING INSTALLATION. DAMAGED SECTIONS OF CONDUIT ARE NOT ACCEPTABLE AND SHALL HAVE NEW CONDUIT RE-DRILLED. THE CONDUIT SHALL BE A MINIMUM 30" DEEP AND EXTENDED AT LEAST 3' BEYOND THE PAVEMENT BERM.
- D. THE 1-1/2" CABLE-IN-DUCT SHALL BE CAREFULLY INSERTED THROUGH THE FULL LENGTH OF THE 2.5" CONDUIT AND BE CONTINUOUS THROUGHOUT FROM PULL BOX TO PULL BOX, OR FROM POLE TO PULL BOX.
- E. THE CONTRACTOR MAY REMOVE A SECTION OF SIDEWALK FROM ONE SIDE OF THE STREET FOR DIRECTIONAL DRILLING WHERE CONDUIT CROSSES THE STREET. REFER TO CITY OF COLUMBUS, DEPARTMENT OF PUBLIC SERVICE STD DWG 1441 FOR SIDEWALK REPAIR.
- F. THE 2.5" HDPE CONDUIT WITH 1-1/2" CABLE-IN-DUCT INSERT SHALL BE INSTALLED AS SHOWN.

**IV. BASIS OF PAYMENT**

ITEM	UNIT	DESCRIPTION
MIS-703	LINEAR FOOT	2.5" HDPE CONDUIT WITH 1-1/2" CABLE-IN-DUCT



<b>MIS-703</b>	DEPARTMENT OF PUBLIC UTILITIES - DIVISION OF POWER CITY OF COLUMBUS, OHIO		
	<b>2.5" HDPE CONDUIT WITH 1-1/2" CABLE-IN-DUCT</b>		
	DRAWN BY: SAW	DATE: 1/1/24	
	SCALE: NONE	SHEET: 1 OF 1	703