

**I. MATERIALS**

- A. 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. THE CONDUIT SHALL BE CARLON, CANTEX, HERITAGE 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.
- C. SPACERS SHALL BE PLASTIC BASE TYPE SIZED TO MATCH CONDUIT.

**II. INSTALLATION**

THE CIRCUIT MAY OR MAY NOT BE IN CONDUIT. THE STREET LIGHTING CABLE AND/OR CONDUIT SHALL BE EXPOSED BY HAND DIGGING. THE CONTRACTOR SHALL USE EXTREME CARE TO AVOID DAMAGE TO THESE OPERATING CABLES.

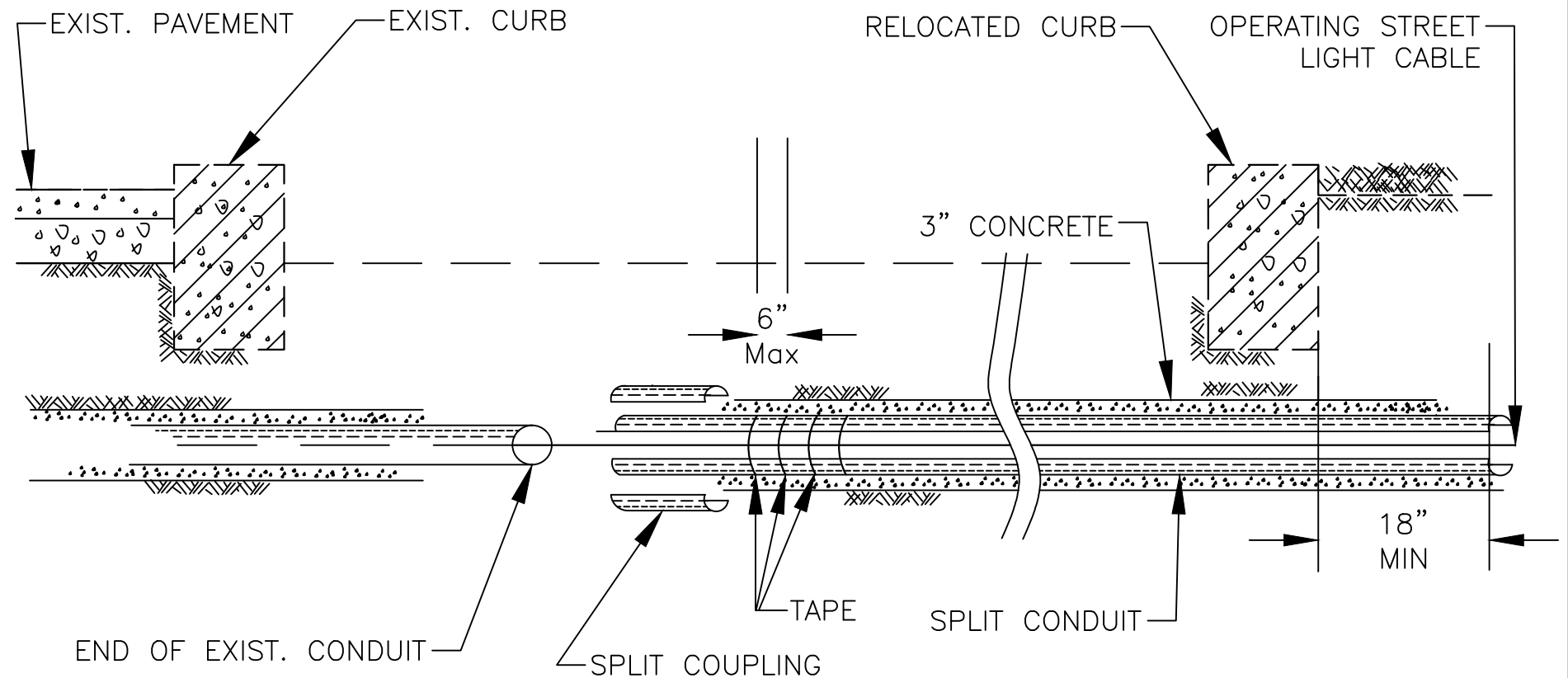
IF THE CABLE IS FOUND TO BE IN CONDUIT IT SHALL BE LOWERED TO A DEPTH TO ACCOMMODATE THE NEW PAVEMENT AND CURB USING CARE NOT TO DAMAGE THE OPERATING CABLES.

IF THE CABLE IS FOUND TO BE DIRECT BURIED THE CONDUIT SHALL BE EXTENDED AS SHOWN.

THE STREET LIGHTING CIRCUITS SHALL BE CONSIDERED ENERGIZED AT ALL TIMES IN ACCORDANCE WITH THE DIVISION OF POWER CONDUCTOR SAFETY POLICY. COPIES OF THIS SAFETY POLICY ARE AVAILABLE, FREE OF CHARGE, AT THE DIVISION OFFICE AT 3500 INDIANOLA AVE.

**III. BASIS OF PAYMENT**

ITEM	UNIT	DESCRIPTION
MIS-707	LINEAR FOOT	CONDUIT EXTENSION



**NOTES:**

1. ALL CONDUITS AND COUPLING SHALL BE SCHEDULE 40 PVC SIZE TO MATCH EXISTING CONDUIT.
2. THE SPLIT COUPLING SHALL BE TAPED TOGETHER OVER THE EXISTING CONDUIT. THE SPLIT CONDUIT SHALL BE PLACED OVER THE CABLES. THE ASSEMBLY SHALL BE HELD TOGETHER TIGHTLY WITH TAPE.
3. THE ASSEMBLY SHALL BE ENCASED IN A 3" CONCRETE ENVELOPE, ITEM 499 CLASS C.
4. THE JOINING OF THE EXISTING AND NEW CONDUIT SHALL HAVE A CONTINUOUS SMOOTH INTERIOR SURFACE SO THAT SUPPLY CABLE WILL NOT BE DAMAGED WHEN PULLED PAST THE JOINT.

<b>MIS-707</b>	DEPARTMENT OF PUBLIC UTILITIES - DIVISION OF POWER CITY OF COLUMBUS, OHIO		
	<b>CONDUIT EXTENSION</b>		
	DRAWN BY: A.S.S.	DATE: 1/1/2018	
	APPROVED: <i>Amy A. Wilk</i>		
SCALE: NONE	SHEET: 1 OF 1	707	