

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.
- 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.
- D. THE CONDUIT AND COUPLINGS SHALL BE SUPPLIED AS A KIT AND SHALL BE CONDUIT REPAIR SYSTEMS # K2F.
- E. 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.

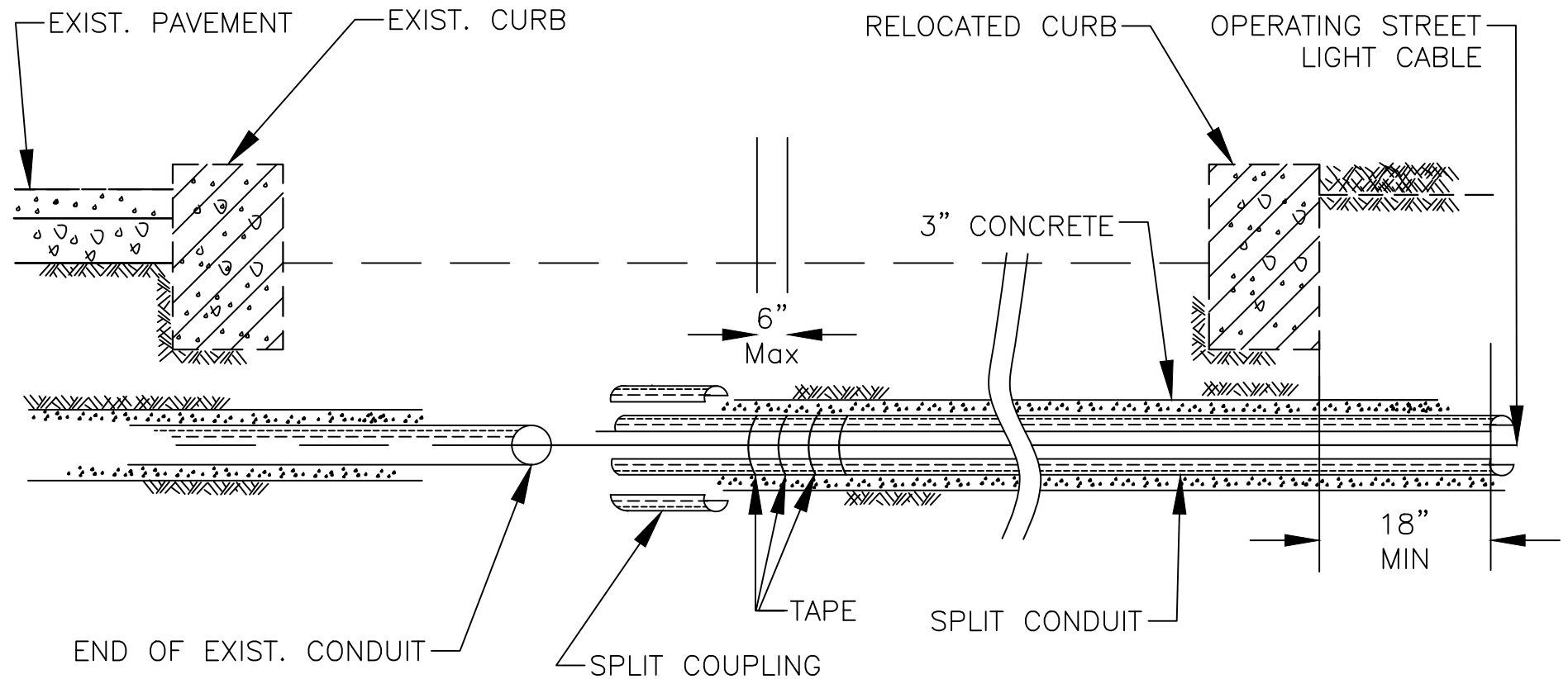
IF THE CABLE IS FOUND TO BE IN CONDUIT IT SHALL BE LOWERED TO A DEPTH TO ACCOMMODATE THE NEW PAVEMENT AND CURB USING CARE NOT TO DAMAGE THE OPERATING CABLES.

IF THE CABLE IS FOUND TO BE DIRECT BURIED THE CONDUIT SHALL BE EXTENDED AS SHOWN. THE CONDUIT REPAIR KIT IS NOT INTENDED FOR USE IN DIRECT BURY APPLICATIONS. IT IS ONLY INTENDED TO REPAIR EXISTING DAMAGED CONDUIT AND SHALL BE ENCASED AS NOTED.

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 REPAIR / EXTENSION CONDUCTORS INTACT



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.

MIS-707

DEPARTMENT OF PUBLIC UTILITIES - DIVISION OF POWER
CITY OF COLUMBUS, OHIO

**CONDUIT REPAIR/EXTENSION
CONDUCTORS INTACT**

DRAWN BY: SAW DATE: 1/1/24

SCALE: NONE SHEET: 1 OF 1 707