

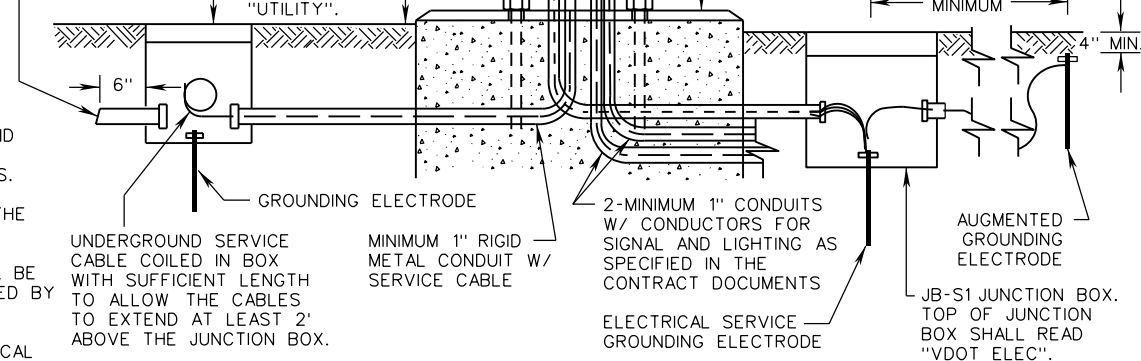
DETAIL FOR CONNECTION OF CONDUIT TO METER BASE FOR LIGHTING AND SIGNAL

NOTES:

1. LOCAL POWER UTILITY COMPANY WILL INSTALL SERVICE CABLE FROM THEIR POWER SOURCE TO THE JUNCTION BOX AND MAKE REQUIRED SPLICES TO THE CABLES PROVIDED.
2. POLE HEIGHT AND SIZE WILL BE AS SPECIFIED IN THE CONTRACT DOCUMENTS.
3. THIS STANDARD IS APPLICABLE FOR ALL ELECTRICAL SERVICES OTHER THAN 480Y/277.
4. FOR ROADWAY LIGHTING SYSTEMS, ONLY SAFETY SWITCH SHALL BE USED.
5. ALL ELECTRICAL CONNECTIONS AND SPLICES SHALL BE TESTED FOR ELECTRICAL CONTINUITY.
6. EACH ELECTRICAL SERVICE FEEDER SHALL BE SEPARATED AND TAGGED IN ACCESSIBLE LOCATIONS INSIDE THE POLE TO PERMANENTLY IDENTIFY LIGHTING AND SIGNAL POWER CABLES.
7. CONDUIT AND CONDUCTOR SIZE SHALL BE AS SPECIFIED IN THE CONTRACT DOCUMENTS.
8. RIGID METAL RISER CONDUIT AND SERVICE CABLE SIZE SHALL BE AS SPECIFIED IN THE CONTRACT DOCUMENTS, OR AS SPECIFIED BY THE LOCAL POWER COMPANY.
9. WHEN REQUIRED BY THE CONTRACT DOCUMENTS, AN ELECTRICAL SERVICE WORK PAD SHALL BE PLACED IN FRONT OF THE SAFETY SWITCH/BREAKER BOX. ELECTRICAL SERVICE WORK PAD SHALL BE A SEPARATE PAY ITEM.

MINIMUM 1" CONDUIT W/ 3 GROUNDING ELECTRODE CONDUCTORS (ONE FOR LIGHTING SAFETY SWITCH, ONE FOR SIGNAL SAFETY SWITCH/ BREAKER BOX, AND ONE FOR GROUNDING LUG)

MINIMUM 2" PVC CONDUIT STUBOUT (LOCATION AS REQUIRED BY UTILITY COMPANY)



TYPE B (UNDERGROUND SERVICE) METAL POLE

SPECIFICATION REFERENCE
700

A COPY OF THE ORIGINAL SEALED AND SIGNED DRAWING IS ON FILE IN THE CENTRAL OFFICE.

**ELECTRICAL SERVICE
INSTALLATION DETAILS**
VIRGINIA DEPARTMENT OF TRANSPORTATION

VDOT	
ROAD AND BRIDGE STANDARDS	
REVISION DATE	SHEET 2 OF 2
02/16	1313.21