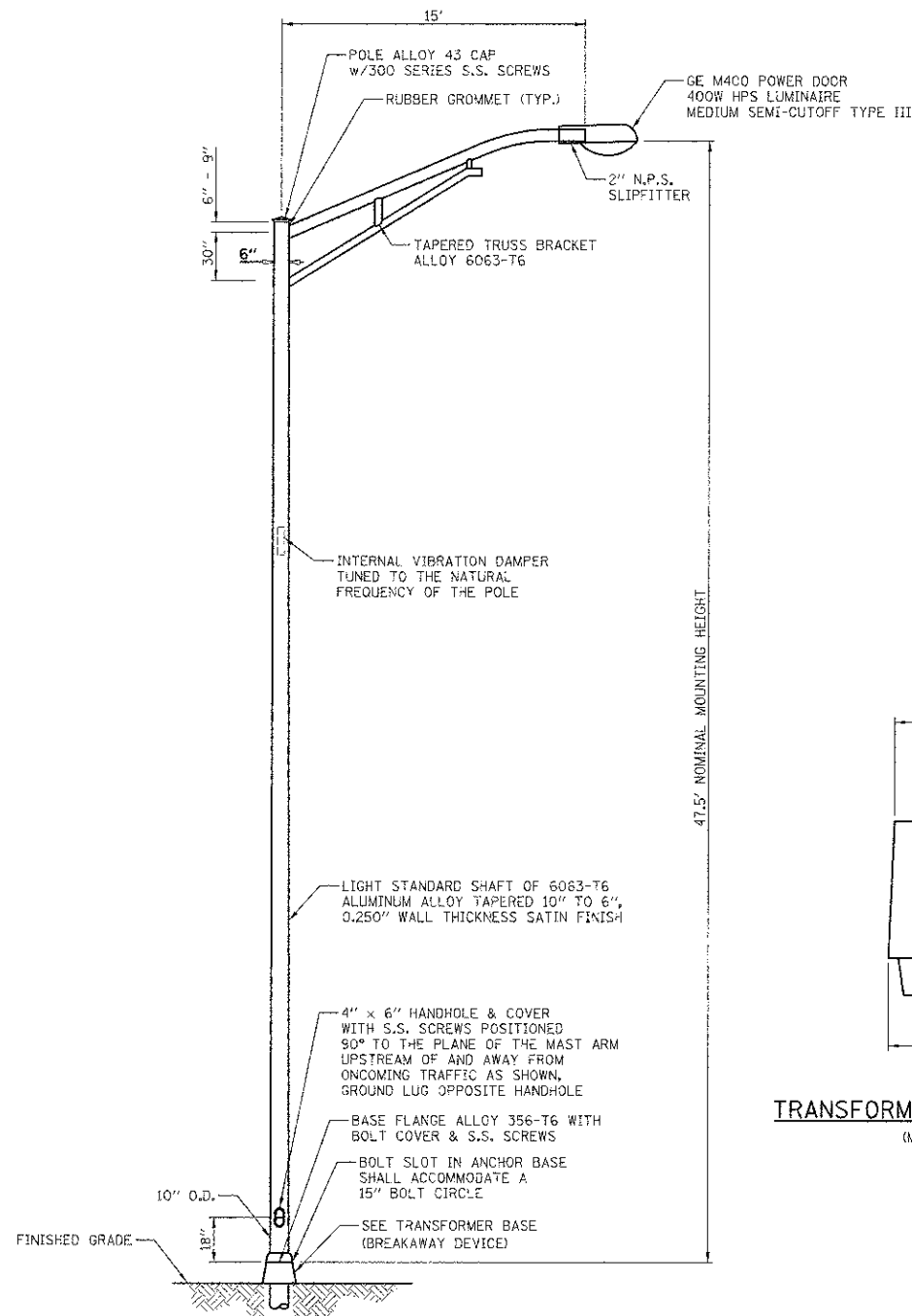


DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
DESCRIPTION	
NO.	
DATE	
BY	
DESCRIPTION	
NO.	
DATE	
BY	
DESCRIPTION	
NO.	
DATE	
BY	
DESCRIPTION	
NO.	

DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
DESCRIPTION	
NO.	
DATE	
BY	
DESCRIPTION	
NO.	
DATE	
BY	
DESCRIPTION	
NO.	

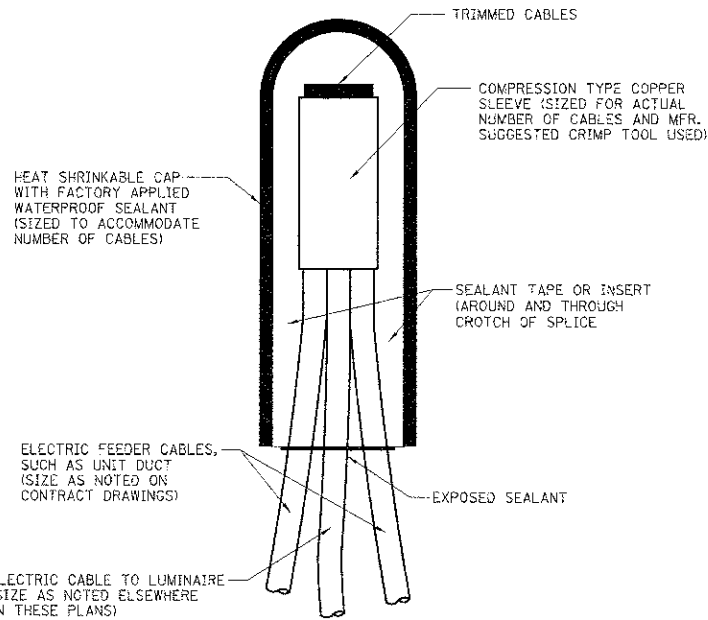


NOTES:

- HEAT TREATMENT SHALL BE APPLIED AFTER WELDING.
- DESIGN SHALL CONFORM WITH THE FIFTH EDITION 2009 WITH 2010 AND 2011 INTERIM REVISIONS OF AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS FOR 90 MPH WIND LOADINGS WITH A 1.3 GUST LOAD FACTOR.
- POLES AND ARMS SHALL BE BUILT TO TOLERANCES THAT WILL ALLOW CONSISTENT INTERCHANGIBILITY TO FACILITATE REPLACEMENT OF ARMS AND POLES.
- A DECAL COMPLYING WITH THE ANSI STANDARD SHALL BE PERMANENTLY ATTACHED TO THE LUMINAIRE AT THE FACTORY. THE DECK SHALL ALLOW A VIEWER AT GROUND LEVEL TO IDENTIFY THE WATTAGE AND LUMINAIRE PHOTOMETRIC DISTRIBUTION.

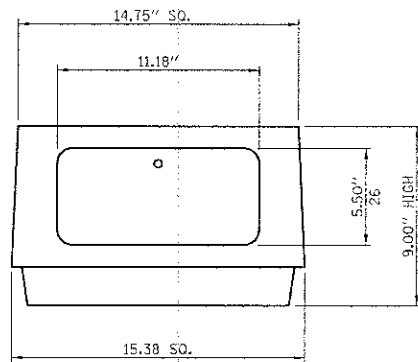
LIGHTING UNIT

(NOT TO SCALE)



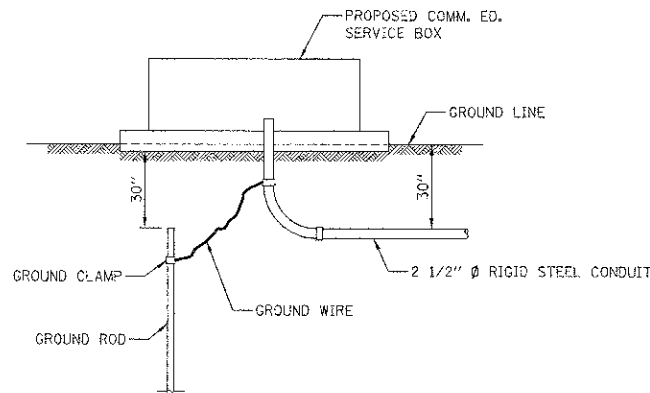
NOTE: NUMBER OF CABLES IN SPLICE MAY VARY

**SPLICING ELECTRIC CABLES
BASIC MATERIALS AND METHODS**



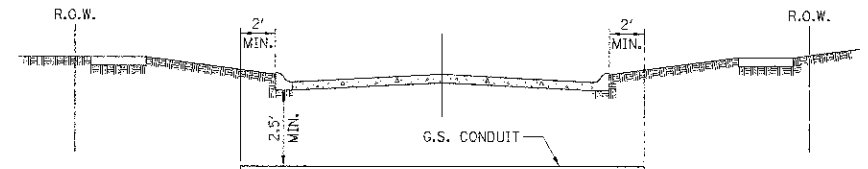
TRANSFORMER BASE (BREAKAWAY DEVICE)

(MEET 1985 AASHTO REQUIREMENTS)



PROPOSED SERVICE INSTALLATION

NOTE: GROUND ROD, GROUND CLAMPS & GROUND WIRE TO BE IN ACCORDANCE WITH COMM. ED. REQUIREMENTS.



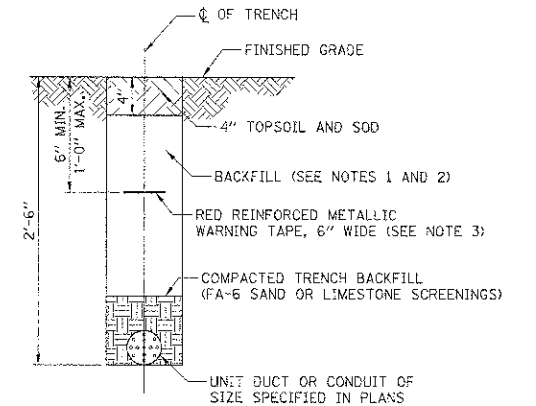
STREET CROSSING

- CONDUIT SHALL BE HEAVY WALL RIGID G.S. CONDUIT.
- CONDUIT SHALL EXTEND A MINIMUM OF 2 FT. BEYOND BACK OF CURB.
- CONDUIT SHALL BE A MINIMUM OF 2.5 FT. BELOW BOTTOM OF CURB.

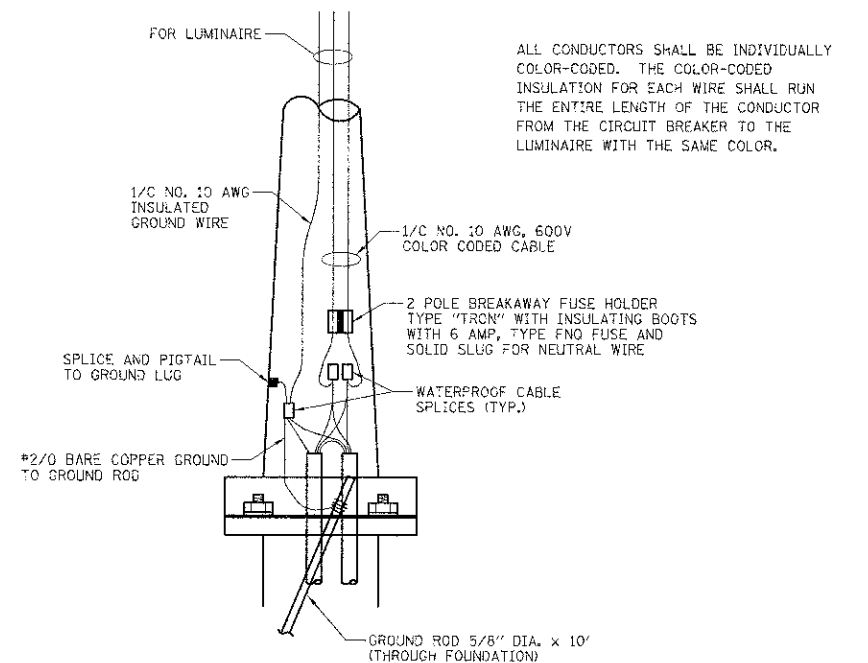
ELECTRICAL CONDUIT UNDER PAVEMENT

NOTES:

- IN GRASS COVERED AREAS, THE BACKFILL MAY BE COMPACTED EARTH.
- TRENCHES WITHIN 2' OF PROPOSED OR EXISTING STREETS, DRIVEWAYS, OR SIDEWALKS WILL BE BACKFILLED WITH COMPACTED FA-6 SAND OR LIMESTONE SCREENINGS.
- WARNING TAPE WILL BE RED WITH BLACK LETTERING TO READ "CAUTION - ELECTRIC LINE BURIED BELOW".
- ALL GRASS COVERED AREAS DISTURBED DURING CONSTRUCTION WILL BE RESTORED WITH 4" OF TOPSOIL AND SOD.



TYPICAL TRENCH CROSS SECTION



ROADWAY POLE HANDHOLE WIRING DIAGRAM

FILE NAME = ...ced\sheet\2329_L10-T-Det.1.dgn

USER NAME = djk

DESIGNED - SJC

REVISED -

PLOT SCALE = 1:1000 @ 1/8" = 1'-0"

DRAWN - SJC

REVISED -

PLOT DATE = 8/17/2012

CHECKED - DNM

REVISED -

DATE - 8-20-12

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LIGHTING DETAILS

SHEET NO. 1 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1322	01-00074-00-CH	COOK	245	159
CONTRACT NO. 63629				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT M-CM-8031053				