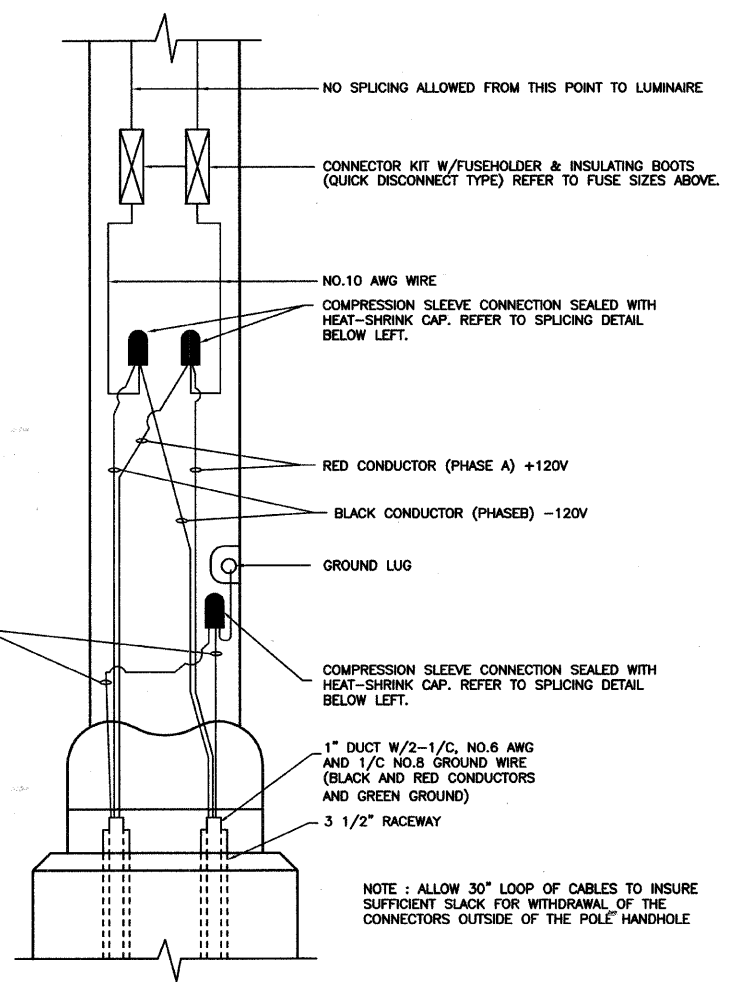


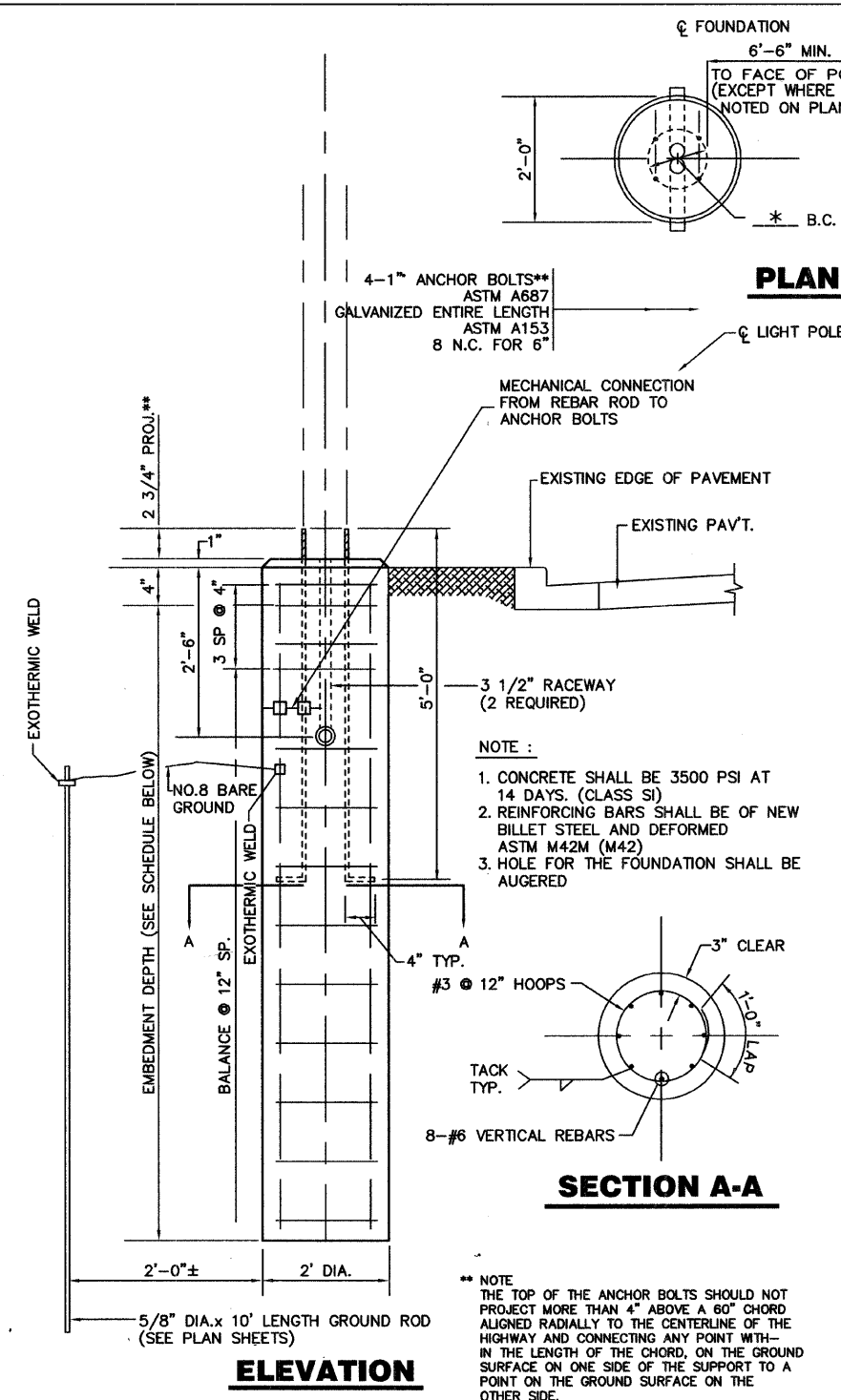
F.A.S. RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00113-00-PK	COOK	012	008
STA.	TO STA.			
FED. ROAD DIST. NO.	ALINKS	FED. AID PROJECT		

CONTRACT NO. 63006

LUMINAIRE FUSE SIZE TABLE



POLE HANDHOLE WIRING DIAGRAM
(TYPICAL FOR SINGLE LUMINAIRE INSTALLATION)



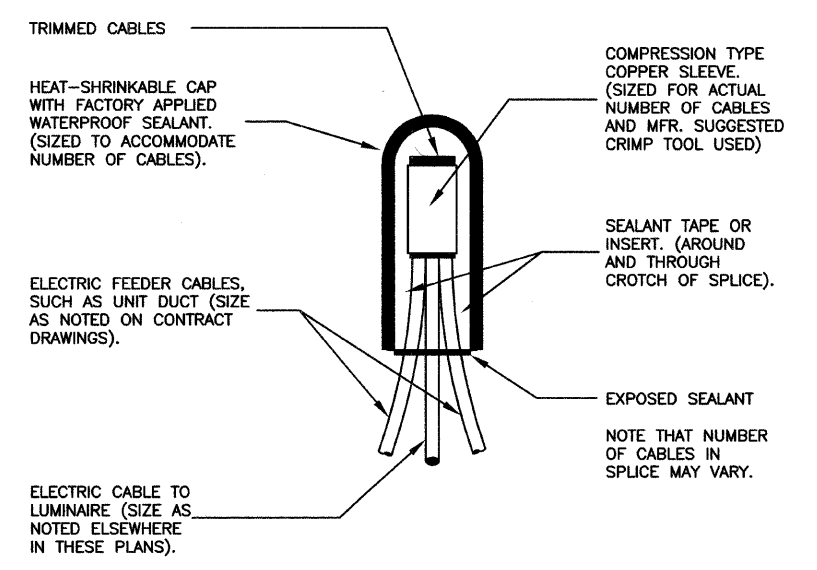
LIGHT POLE FOUNDATION (TYPICAL)

FOUNDATION SCHEDULE *

TYPE OF SOILS		EMBEDMENT			
		MOUNTING HEIGHT			
DESCRIPTION	STANDARDS	30 FT.	35 FT.	40 FT.	50 FT.
SOFT CLAY	Qu = .25-.50 T/FT. ²	9'-0"	9'-8"	10'-6"	14'-0"
MEDIUM CLAY	Qu = .50-1.0 T/FT. ²	6'-6"	7'-0"	7'-6" *	10'-0"
DENSE CLAY	Qu = 1.0-2.0 T/FT. ²	5'-6"	6'-0"	6'-6"	8'-6"
LOOSE SAND	N = 4-10	7'-0"	7'-8"	8'-4"	11'-0"
MEDIUM SAND	N = 10-30	6'-0"	6'-6"	7'-3"	9'-6"
DENSE SAND	N = 30-50	5'-6"	6'-0"	6'-6"	8'-6"

* NOTE:
ACTUAL FOUNDATION DEPTH IS 8'-8" EMBEDMENT DEPTH (FROM SCHEDULE) PLUS 6" EQUALS TOTAL DEPTH OF 7'-0" FOR 35' MOUNTING HEIGHT POLES

**SPLICING ELECTRIC CABLES
BASIC MATERIALS AND METHODS**



ILLINOIS DEPARTMENT OF TRANSPORTATION
IVANHOE METRA COMMUTER KISS 'N RIDE LIGHTING DETAILS

REVISIONS	
NAME	DATE

SCALE: VERT. NONE
HORIZ. NONE
DATE: 11-1-07

DRAWN BY PS
CHECKED BY PAP