

NOTES FOR MODIFYING THE EXISTING CONTROLLERS

1. RUN THE PROPOSED 1-1/4" UNIT DUCT INTO THE SPARE 3-1/2" RACEWAY INTO THE CONTROLLER.
2. PROVIDE ENGRAVED NAMEPLATES ATTACHED WITH SCREWS FOR CIRCUIT BREAKERS, FUSES AND CONTROL DEVICES. PAINT EXTERIOR OF NEUTRAL LUGS WHITE, GROUND LUGS GREEN.
3. THE CIRCUIT WIRING SHALL BE NO. 12 AWG 600V. CONTROL EQUIPMENT SHALL BE GROUNDED. ALL WIRING SHALL BE TAGGED USING SELF-STICKING WIRE MARKERS.
4. CIRCUIT E IS TO REMAIN THE "SPARE" CIRCUIT FOR THIS CABINET. THE TWO PROPOSED CIRCUIT BREAKERS WILL BE CIRCUITS F & G AND WILL BE CONNECTED AS SHOWN ON SHEETS 15 THRU 17.

**EXISTING LIGHTING CONTROLLER, PAD MOUNTED DETAIL
MODIFY EXISTING CONTROLLER**

FILE NAME = FAU 2775 (OAK PARK AVENUE)
FAP 0311 (OGDEN AVENUE) TO FAU 3734 (34TH STREET)
FAU 1468 (31ST STREET TO FAU 1453 (CERMAK ROAD)
OAK PARK AVENUE ARTERIAL STREET LIGHTING

USER NAME =
PLOT SCALE =
PLOT DATE =

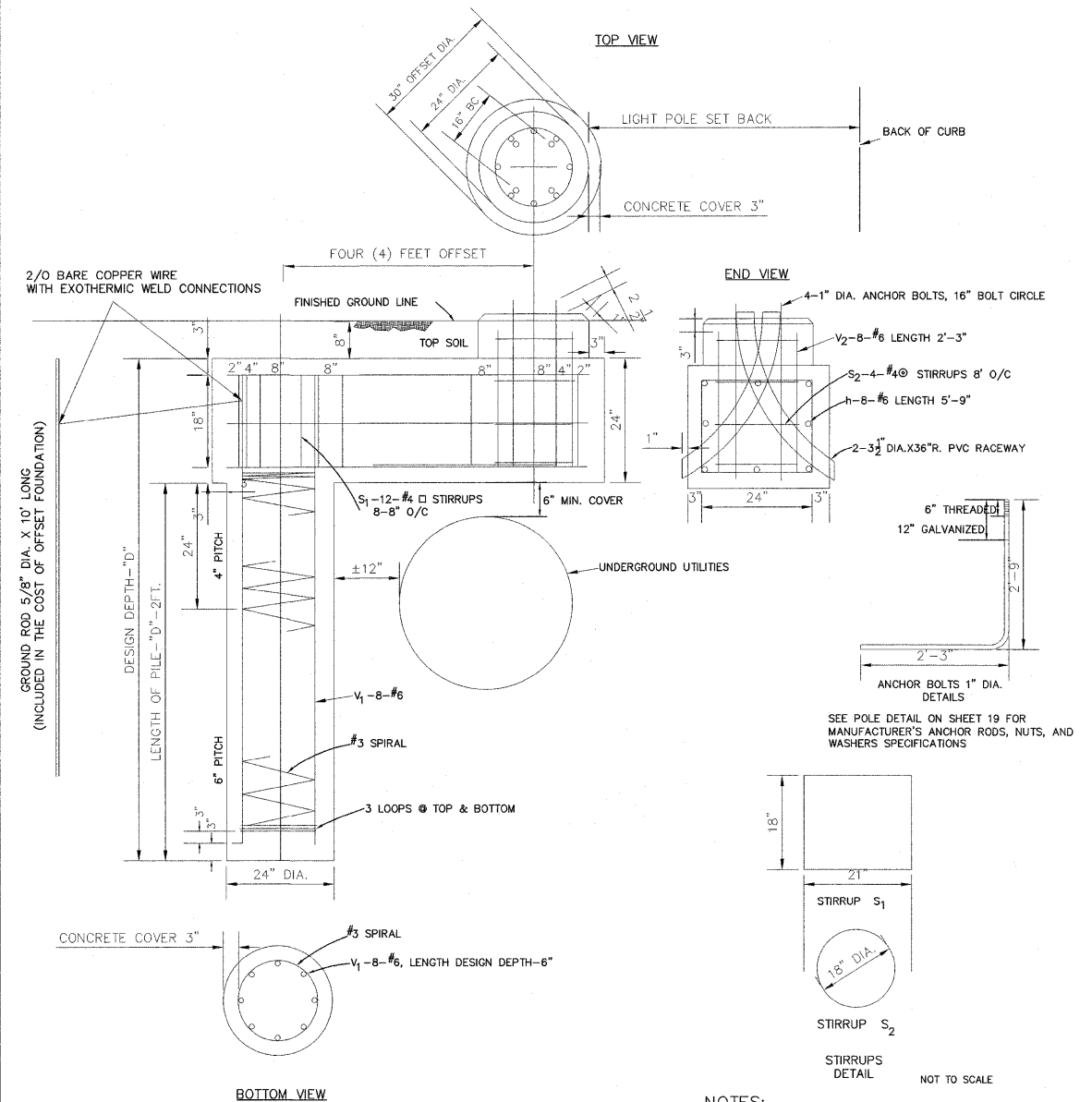
DESIGNED -- BAH
DRAWN -- BAH
CHECKED -- JEF
DATE -- 5-31-11

REVISED -- BAH 7-11-11
REVISED -- BAH 10-14-11
REVISED --
REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FOUNDATION DESIGN TABLE

CLASSIFICATION OF SOIL	DESIGN DEPTH "D"	VERTICAL BAR	HORIZONTAL BAR	SPIRAL BAR IN PILE	STIRRUP BAR
SOFT CLAY	11'-0"	V ₁ -8-#6	H ₂ -8-#6 . 2'-3"	#4 SPIRAL	S ₁ -#4 - □
MEDIUM CLAY	9'-0"				
STIFF CLAY	7'-6"				
LOOSE SAND	9'-6"				
MEDIUM SAND	9'-0"				
DENSE SAND	8'-3"				S ₂ -#4 - ⊙
ROCK/SOLIDIFIED SLAG	5'-0"				



NOTES:

1. THE ENGINEER SHALL DETERMINE THE CLASS OF SOIL DURING EXCAVATION AND SELECT THE DESIGN DEPTH OF FOUNDATION FROM THE DESIGN TABLE.
2. EXCAVATION FOR THE LIGHT POLE FOUNDATION SHALL BE MADE WITH AN AUGER 21" INCHES IN DIAMETER.
3. THE ANCHOR BOLTS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED IN THE FORM.
4. THE CONCRETE SHALL BE CLASS "X" CONCRETE. CONCRETE FOUNDATION MUST BE CURED FOR TEN (10) DAYS BEFORE THE LIGHT STANDARD IS ERECTED.
5. THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE LIGHT STANDARD IS ERECTED ON THE FOUNDATION.

POLE FOUNDATION, OFFSET, CONCRETE

CONSTRUCTION DETAILS

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

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ILLINOIS PROFESSIONAL DESIGN FIRM NO. 104-000928

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	05-00162-00-LS	COOK	25	18

CONTRACT NO. 63628
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT HPP-3465(002)