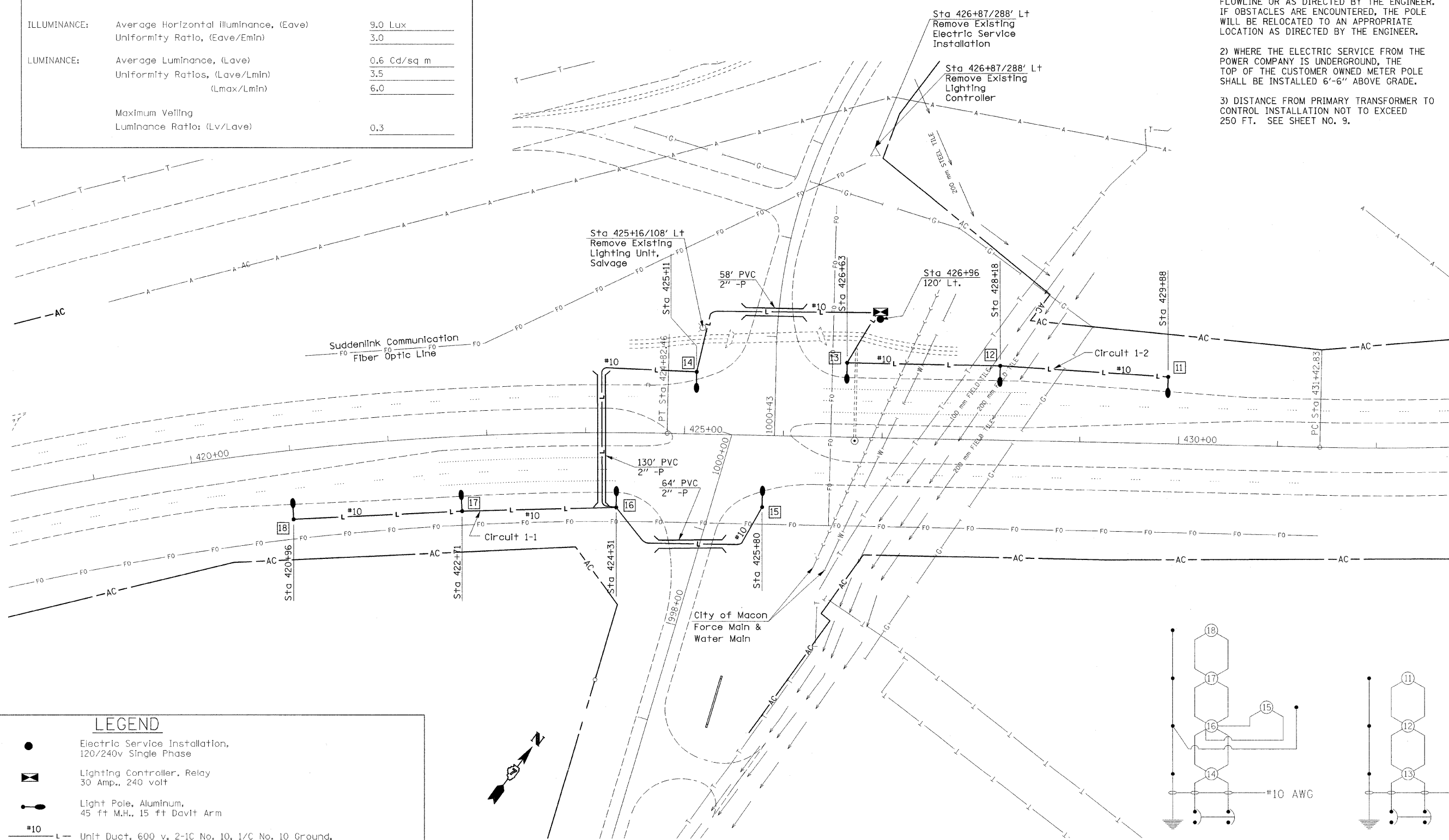


### PERFORMANCE REQUIREMENTS

NOTE: These performance requirements shall be the minimum acceptable standards of photometric performance for the luminaires.

ILLUMINANCE:	Average Horizontal Illuminance, (Eave)	9.0 Lux
	Uniformity Ratio, (Eave/Emin)	3.0
LUMINANCE:	Average Luminance, (Lave)	0.6 Cd/sq m
	Uniformity Ratios, (Lave/Lmin) (Lmax/Lmin)	3.5 6.0
	Maximum Veiling Luminance Ratio: (Lv/Lave)	0.3

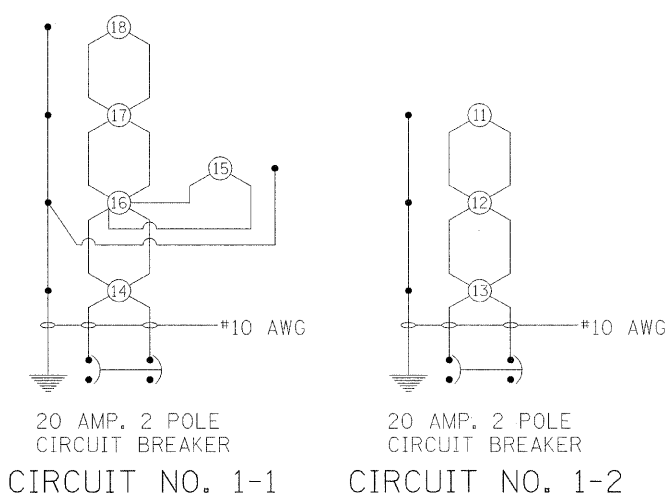
- NOTE:
- 1) POLES TO BE OFFSET 15' FROM EDGE OF PAVEMENT, FURTHER IF IN FLOWLINE OF DITCH. IN THAT CASE, MOVE FURTHER BACK AND OUT OF THE FLOWLINE OR AS DIRECTED BY THE ENGINEER. IF OBSTACLES ARE ENCOUNTERED, THE POLE WILL BE RELOCATED TO AN APPROPRIATE LOCATION AS DIRECTED BY THE ENGINEER.
  - 2) WHERE THE ELECTRIC SERVICE FROM THE POWER COMPANY IS UNDERGROUND, THE TOP OF THE CUSTOMER OWNED METER POLE SHALL BE INSTALLED 6'-6" ABOVE GRADE.
  - 3) DISTANCE FROM PRIMARY TRANSFORMER TO CONTROL INSTALLATION NOT TO EXCEED 250 FT. SEE SHEET NO. 9.



#### LEGEND

- Electric Service Installation, 120/240v Single Phase
- ⊠ Lighting Controller, Relay 30 Amp., 240 volt
- ⊙ Light Pole, Aluminum, 45 ft M.H., 15 ft Davit Arm
- #10 L Unit Duct, 600 v, 2-1C No. 10, 1/C No. 10 Ground, (XLP-Type Use), 3/4" Polyethylene
- Conduit

LENGTH — XX' PVC — TYPE OF MATERIAL  
DIAMETER — X"-P — PUSHED



FILE NAME = c:\pwwork\p\w\DOT\MCCLELLAN\LA\dms35909	USER NAME = mcclellanla d774345-shr-light.dgn	DESIGNED - DRAWN -	REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>HIGHWAY LIGHTING LOCATION 1</b>			F.A.P RTE. 322	SECTION (46,47)L-2	COUNTY MACON	TOTAL SHEETS 12	SHEET NO. 6
PLOT SCALE = 50.0000 ' / IN.		CHECKED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 74345		
PLOT DATE = 3/11/2009		DATE -	REVISED -		FED. ROAD DIST. NO. 7   ILLINOIS FED. AID PROJECT							