

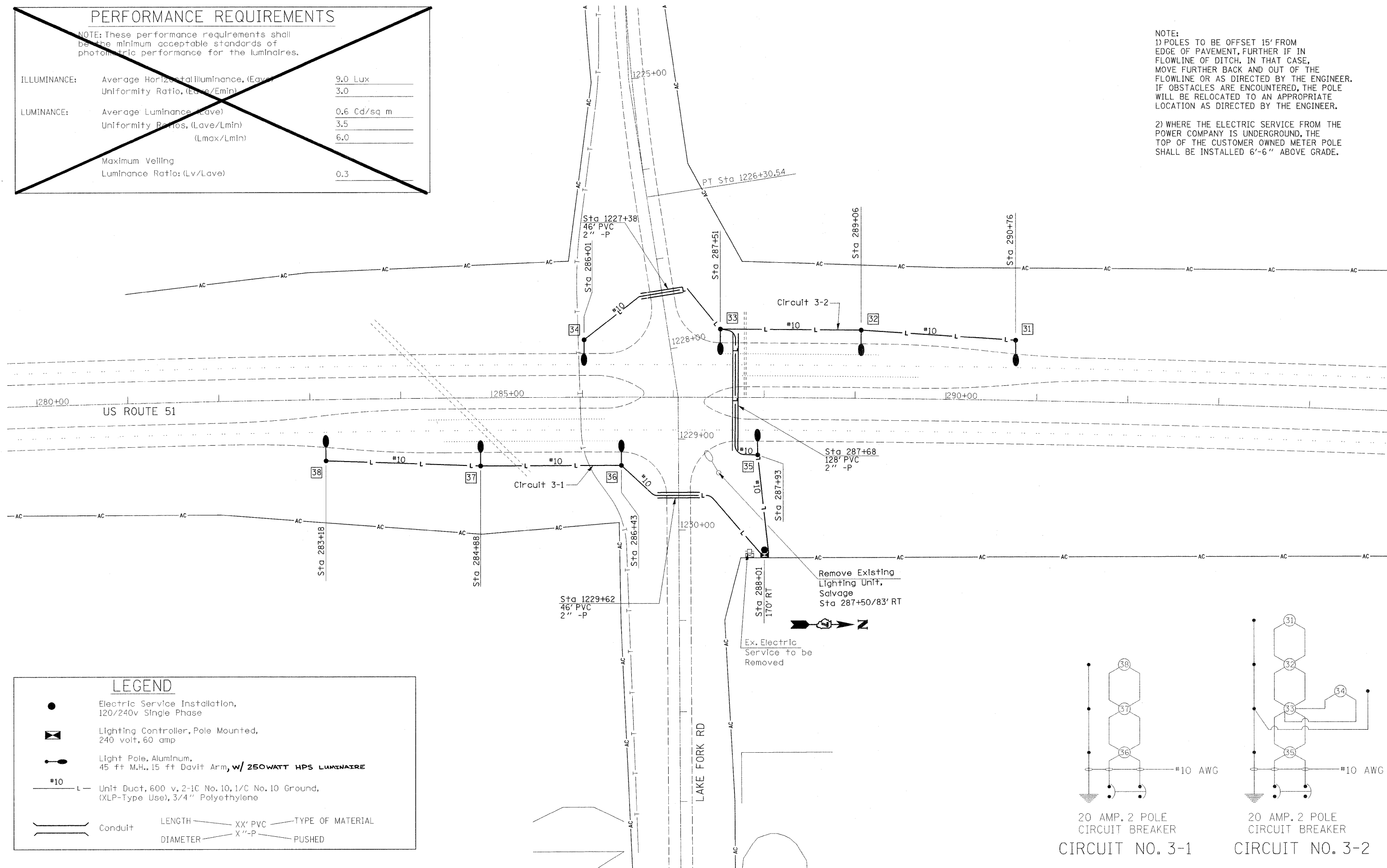
PERFORMANCE REQUIREMENTS

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

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

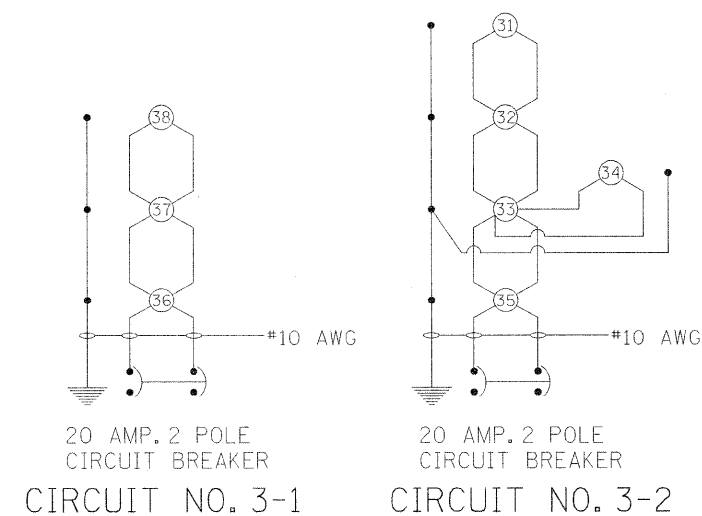
NOTE:
 1) POLES TO BE OFFSET 15' FROM EDGE OF PAVEMENT, FURTHER IF IN FLOWLINE OF DITCH. IN THAT CASE, MOVE FURTHER BACK AND OUT OF THE FLOWLINE OR AS DIRECTED BY THE ENGINEER. IF OBSTACLES ARE ENCOUNTERED, THE POLE WILL BE RELOCATED TO AN APPROPRIATE LOCATION AS DIRECTED BY THE ENGINEER.

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.



LEGEND

- Electric Service Installation, 120/240v Single Phase
- ⊠ Lighting Controller, Pole Mounted, 240 volt, 60 amp
- Light Pole, Aluminum, 45 ft M.H., 15 ft Davit Arm, w/ 250WATT HPS LUMINAIRE
- #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 =	USER NAME = mcllellan	DESIGNED -	REVISED -
ct:\pwork\puidot\mcllellan\dms35866\774344-sht-light.dgn		DRAWN -	REVISED -
PLOT SCALE = 50.0000 // in.		CHECKED -	REVISED -
PLOT DATE = 5/26/2011		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

HIGHWAY LIGHTING
 LOCATION 3

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(51,52)1-2	MACON	11	8
CONTRACT NO. 74344				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				