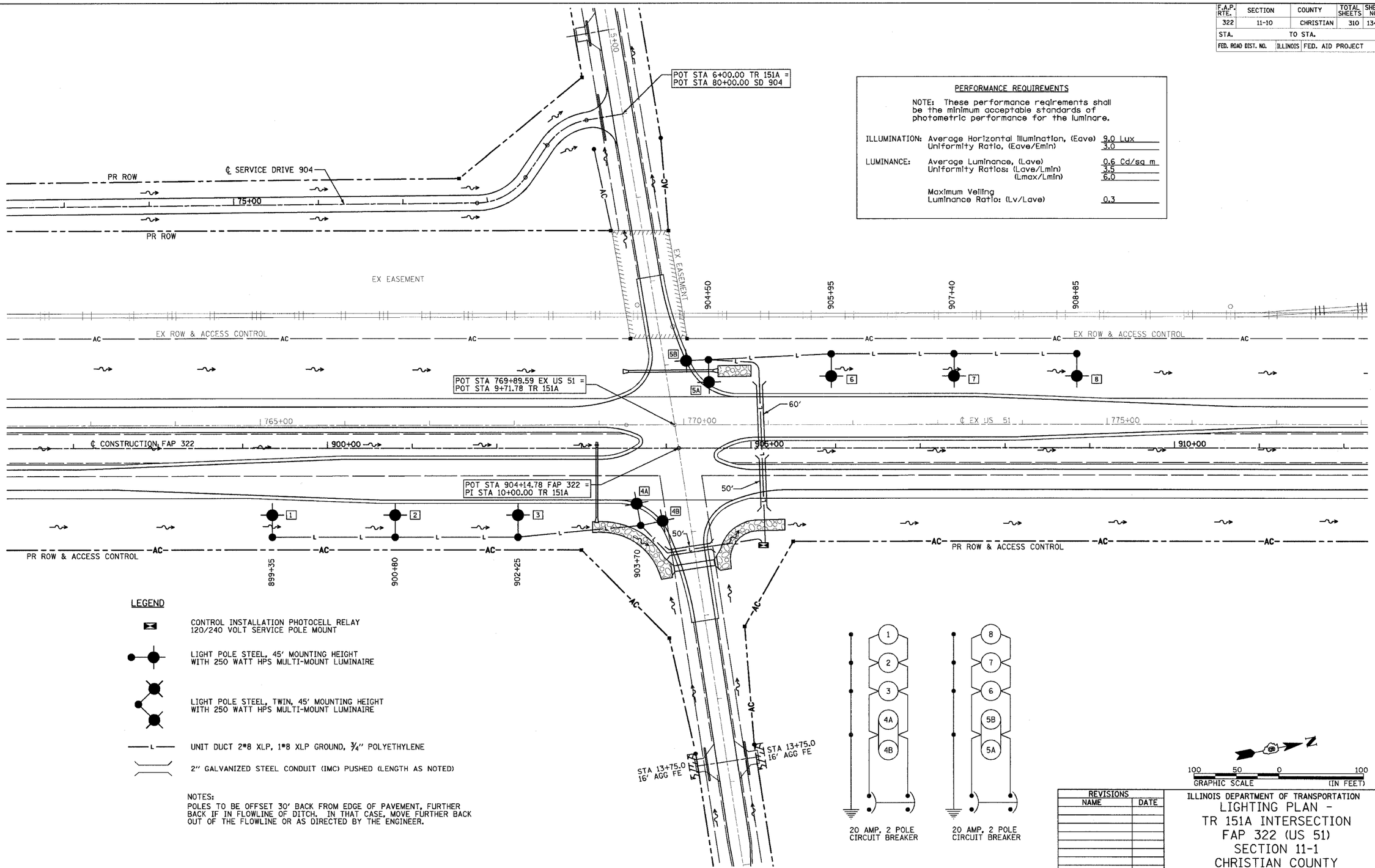
92677

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	134
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PERFORMANCE REQUIREMENTS

NOTE: These performance reqirements shall be the minimum acceptable standards of photometric performance for the luminare.

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

LEGEND

- CONTROL INSTALLATION PHOTOCELL RELAY 120/240 VOLT SERVICE POLE MOUNT
- LIGHT POLE STEEL, 45' MOUNTING HEIGHT WITH 250 WATT HPS MULTI-MOUNT LUMINAIRE
- LIGHT POLE STEEL, TWIN, 45' MOUNTING HEIGHT WITH 250 WATT HPS MULTI-MOUNT LUMINAIRE
- UNIT DUCT 2#8 XLP, 1#8 XLP GROUND, ¾" POLYETHYLENE
- 2" GALVANIZED STEEL CONDUIT (IMC) PUSHED (LENGTH AS NOTED)

NOTES:
POLES TO BE OFFSET 30' BACK FROM EDGE OF PAVEMENT, FURTHER BACK IF IN FLOWLINE OF DITCH. IN THAT CASE, MOVE FURTHER BACK OUT OF THE FLOWLINE OR AS DIRECTED BY THE ENGINEER.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN - TR 151A INTERSECTION FAP 322 (US 51) SECTION 11-1 CHRISTIAN COUNTY

SCALE: 1"=50' DRAWN BY BDJ

DATE 3/18/05 CHECKED BY SEB

3/29/2005

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