



MATERIALS

- A Photocell w/ integral surge arrester (remote mount in urban areas)
 - B 3 position selector switch HAND-OFF-AUTO
 - C 100 amp* electrically held contactor, 120V operating coil
 - D 15 amp, 1 pole, circuit breaker
 - E 100 amp*, 2 pole, main circuit breaker
 - F 30 amp*, 2 pole, branch circuit breaker (typ). 4 spare c.b. required
 - G Surge arrester
 - H Transformer (see notes), 1 KVA*, 240/480V primary, 120/240V sec, single phase
 - I GFCI duplex receptacle
 - J Single pole, single throw switch
 - K Shielded security fixture with 100W lamp
 - L Neutral bar
 - M Equipment ground bar
 - N Terminal block (typ)
- (* = Size larger as needed)

EXISTING LIGHTING CONTROLER SCHEMATIC

GENERAL NOTES

Wiring shall be panel board fashion. All bends shall be right angles. All runs shall vertical or parallel to panel board. Wires shall be grouped or laced.

All control installation components shall be U.L. listed.

- 240 V. SERVICE
- 480 V. SERVICE

All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME =	USER NAME = Ander-00946	DESIGNED - PJG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	POLE HANDHOLE WIRING NORTHMOOR AND SHERIDAN ROAD STAGE 1 IMPROVEMENT			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TA\09Jobs\09L0027\CADD\Elec\Sheet\0-00.dgn		DRAWN - ANC	REVISED -		6647	08-00302-00-PV	PEORIA	102	71			
PLOT SCALE = 20,0000 / 1in.		CHECKED - RDN	REVISED -		6595	09-00047-01-PV	CONTRACT NO. 89523					
PLOT DATE = 03\22\2010		DATE - 03/19/10	REVISED -		SCALE: NTS SHEET NO. 10 OF 10 SHEETS STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-5093(135)					