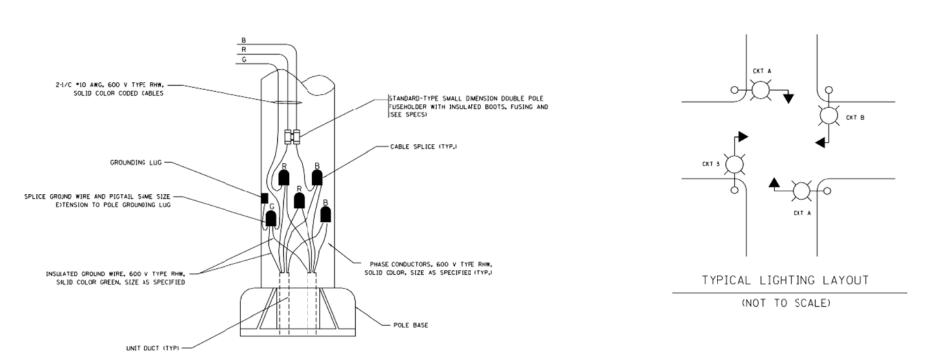
FROM

DISCONECT CABINET

CABINET ENCLOSURE -



POLE WIRING DETAIL

(NOT TO SCALE)

IDOT TRAFFIC SIGNAL/LIGHTING CONTROL CABINET

TO COMBINATION

CKT A

-GROUND

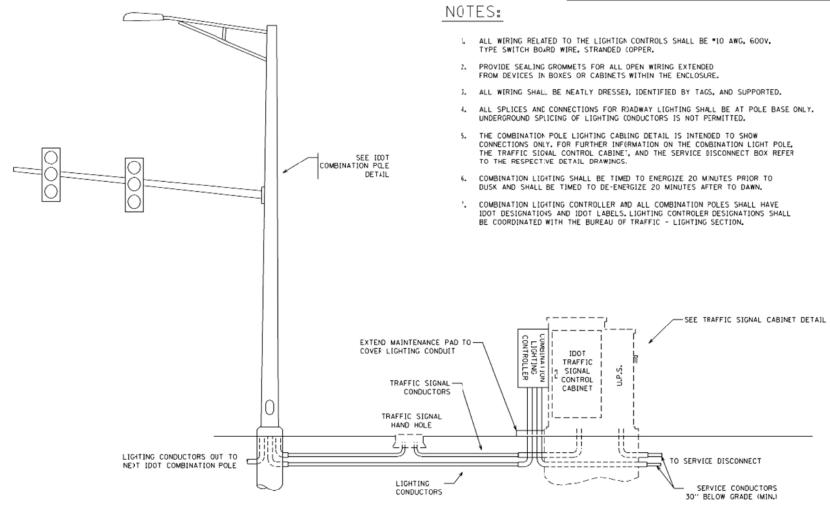
LIGHT POLES

COMBINATION LIGHTING CONTROLLER WIRING DIAGRAM

(NOT TO SCALE)

## PANEL EQUIPMENT

BILL OF MATERIALS									
[TEM	OUANTITY	DESCRIPTION							
А	1	CIRCUIT BREAKER, THERMAL NAGNETIC MOLDED CASE, 2 POLE, 240 VOLT 100 AMP FRAME, 30 AMP TRIP, INTERRUPTING RATING 22K RMS SYMETRICALL AMP							
В	1	REMOTE CONTROL SWITCH, ELECTRICALLY OPERATED, MECHANICALLY HELD, 2 POLE, SINGLE THROW, 30 AMP., 600 VOLTS CONTROL CIRCUIT 120 VOLT.							
С	2	CIRCUIT BREAKERS, 2 POLE, 100 AMP. FRAME 20 AMP. NON-INTERCHANGABLE TRIP INTERUPTING RATING NEMA 10,000 AMP AT 240 V.							
D	1	CONTROL CIRCUIT-CIRCUIT BREAKER, 1 POLE, 100 AMP FRAME, 15 AMP NON-INTERCHANGABLE TRIP, INTERRUPTING RATING 22K RMS SYMETRICAL AMP AT 24OV.							
Ε	1	ASTRONOMIC MICROPROCESSOR-BASED 2-CHANNEL CONTROLLER [TIME SWITCH]							
F	1	H-O-A SWITCH							
G	1	COPPER GROUND BUS 1/4" (6,35) X 1" (25,4) X 12" (304,8 mm) LONG MOUNTED ON PANEL WITH LUGS AND 4 SPARE LUGS							
н	1	COPPER NEUTRAL BUS 1/4" (6,35) X 1" (25.4) X 12" (304.8 mm) LONG MOUNTED ON PANEL WITH LUGS AND 4 SPARE LUGS							
I	1	RELAY, 2 POLE, SINGLE THROW, 120 VOLT COIL, CURRENT RATING TO BE COORDINATED WITH CONTACTOR							
J	2	TERMINAL BLOCK							



COMBINATION POLE LIGHTING CABLING - TYPICAL

(NOT TO SCALE)

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	DW	REVISED -	CTATE OF HUNDIS	ELECTRIC SERVICE, CONTROL AND CABLE TERMINATION FOR		F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
K:\Projects\090059\Design\Sheet Files\6	<u> </u>	DRAWN -	JDH	REVISED -	STATE OF ILLINOIS	LIGHTIN	ING ON COMBINATION TRAFFIC/SIGNAL LIGHT POLES	338	(112 & 113) WRS-7	DUPAGE	1156 688
	PLOT SCALE = \$SCALE\$	CHECKED -	КММ	REVISED -	DEPARTMENT OF TRANSPORTATION	LIGITIII	ING ON COMBINATION TRAITIC SIGNAL LIGHT FOLLS		TS- 96	CONTRACT	NO. 60R30
	PLOT DATE = 12/6/2012	DATE -		REVISED -		SCALE:	SHEET NO. 1 OF 1 SHEETS STA. TO STA.			AID PROJECT	