



CABLE PLAN
(NOT TO SCALE)

THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		% OPERATION	
		INCAND.	LED		
SIGNAL (RED)	16		17	0.50	136
(YELLOW)	16		25	0.25	100
(GREEN)	16		15	0.25	60
ARROW	28		12	0.10	33.6
PED. SIGNAL			25	1.00	
CONTROLLER	1		100	1.00	100
ILLUM. SIGN			25	0.05	
VIDEO SYSTEM		150		1.00	
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL = 429.6
ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHAUMBURG, ILLINOIS 60196-1096 ENERGY SUPPLY CONTACT: FRAN PIATKOWSKI PHONE: (815) 904-4031 COMPANY: COMMONWEALTH EDISON					

FILE NAME =	USER NAME = Esse	DESIGNED - PKG	REVISED - 4/21/2014, EA
kt:\projects\projects 2013\us 20 at il 47	il 72\signals\60109 (south)\21.US 20 at IL	DRAWN 72 (South Junction).CD.dgn	REVISED -
	PLOT SCALE = 40.0000 "/ IN.	CHECKED - PKG	REVISED -
	PLOT DATE = 4/21/2014	DATE - 3/15/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CABLE PLAN			
ILLINOIS ROUTE 47 AT US ROUTE 20 / ILLINOIS ROUTE 72 (SOUTH JUNCTION)			
SCALE: N.T.S.	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	106-S-N-2	KANE	147	82
CONTRACT NO. 60T09				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				