



CABLE PLAN
(NOT TO SCALE)

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					

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.

FILE NAME =	USER NAME = Esse	DESIGNED - PKG	REVISED - 4/21/2014, EA
k:\projects\projects 2013\us 20 at il 47	& il 72\signals\60110 (north)\20.US 20 at IL	DRAWN 72 (North 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 (NORTH 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-1	KANE	167	83
CONTRACT NO. 60T10				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				