

I. D. O. T.											
TRAFFIC SIGNAL INSTALLATION											
ELECTRICAL SERVICE REQUIREMENTS											
TYPE	NO. LAMPS	WAT	TAGE	**ODED ATION	TOTAL						
TIFE	INO. LAWIF 3	INCAND.	LED	%OPERATION	WATTAGE						
SIGNAL (RED)	14	-	17	0.50	119.0						
(YELLOW)	14	-	25	0.25	87.5						
(GREEN)	14	-	15	0.25	52.5						
ARROW	20	-	12	0.10	24.0						
PED. SIGNAL	8	-	25	1.00	200.0						
CONTROLLER	1	100	-	1.00	100.0						
ILLUM. SIGN	-	-	-	0.05	-						
VIDEO SYSTEM	-	-	-	1.00	-						
BATTERY BACKUP	1	25	-	1.00	25.0						
LUMINAIRE	-	-	-	-	-						
FLASHER	-	-	25	0.50	-						
				TOTAL =	608.0						

ENERGY COSTS-BILLED TO: IDOT DISTRICT 1

> 201 WEST CENTER COURT SCHAUMBURG, IL 60196-1096

CONTACT BRAD SHINABARGAR ENERGY SUPPLY-

708-325-2692

COMMONWEALTH EDISON

SCHEDULE OF QUANTITES

Items	Unit	Quantity
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	3
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED, RETROFIT	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, RETROFIT	EACH	3
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED, RETROFIT	EACH	5
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED, RETROFIT	EACH	2
SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED RETROFIT	EACH	1
PEDESTRIAN PUSH-BUTTON, NON-LATCHING	EACH	6

ACCESS TO INSIDE OF CONTROLLER CABINET BY DESIGNER WAS NOT POSSIBLE PRIOR TO CONSTRUCTION. CONTRACTOR SHALL COORDINATE CONTROLLER AND CABINET TYPE WITH ENGINEER PRIOR TO ORDERING UPS MATERIALS AND EQUIPMENT. CONTRACTOR SHALL INSTALL UPS IF APPROVED BY THE ENGINEER.

PUSHBUTTON NOTES:

PUSHBUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4 PUSHBUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8

CABLE PLAN

UPS SHALL BE INSTALLED ON LEFT SIDE OF CONTROLLER CABINET DUE TO PHYSICAL CONSTRAINT, OR AS DIRECTED BY THE ENGINEER.

RETROFIT ALL EXISTING SIGNAL HEADS TO L.E.D.

REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

PEDESTRIAN SIGNAL HEAD, 1-FACE PEDESTRIAN SIGNAL HEAD, 2-FACE EACH

PEDESTRIAN PUSH-BUTTON

CONTRACTOR SHALL REPLACE BROKEN MOUNTING BRACKETS AT ALL RETROFIT SIGNAL HEADS OR AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CORRESPONDING SIGNAL HEAD, LED, RETROFIT PAY ITEM OF THE TYPE AND NUMBER OF SIGNAL HEADS, FACES, AND SECTIONS AS SPECIFIED IN THE PLANS.

TS 21920 ORLAND PARK

FILE NAME =	USER NAME = SE3	DESIGNED -	PHL	REVISED -	27.77 27 11.11.22	US RTE 6 (159TH ST)/ORLAND TOWNE CNTR/JEWEL ENT- CABLE PLAN				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
D160x65-sht-TS21920.dgn		DRAWN -	PHL	REVISED -	STATE OF ILLINOIS	SCHEDULE OF QUANTITIES, PHASE DESIG. DIAGRAM				S. EVD SECTIONCE		2013-076TS	соок	65	49
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	BKS	REVISED -	DEPARTMENT OF TRANSPORTATION	SUILDULE OF COMMITTIES, I HASE DESIGN DIAGRAM & EVE SECULIVE							CONTRACT	T NO. 6	0X65
Default	PLOT DATE = 2/4/2014	DATE -	\$SUBDATE	REVISED -		SCALE:	SHEET	OF	SHEETS STA.	TO STA.		ILLINOIS FED. AID PROJECT			