



## **EMERGENCY VEHICLE PREEMPTION SEQUENCE**

EMERGENCY VEHICLE PREEMPTORS									
EMERGENCY VEHICLE PREEMPTOR	1	2							
MOVEMENT	<b>†</b>	<b>←</b>							

<u>1</u>

ENERGY COSTS-

ENERGY SUPPLY -

	TRAFFIC S	I GNAL I	NSTALLA	TION	
	ELECTRI CAL	SERVI CE	REQUIR	EMENTS	
TYPE	NO. LAMPS	WAT	TAGE	% OPERATIONS	TOTAL
		INCAND.	LED		WATTAGE
SIGNAL (RED)	12	1 35	1 7	0.50	102
(YELLOW)	12	1 35	25	0.25	75
( GREEN)	12	1 35	15	0.25	45
ARROW	12	1 35	12	0.10	14
PED. SIGNAL	8	90	25	1.00	200
CONTROLLER	1	1 00	100	1.00	100
ILLUM. SIGN		252	25	0.05	
VIDEO SYSTEM	1	150	-	1.00	150
FLASHER LED					

BILLED TO: IDOT DISTRICT 1

CONTACT TERRI BLECK

847-816-5239

PHONE

TOTAL =

201 WEST CENTER COURT

COMMONWEALTH EDISON

SCHAUMBURG, IL 60196-1096

686

I. D. O. T.

1 REPLACE 14 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION.

LEGEND

DUAL ENTRY PHASE

PEDESTRIAN PHASE

NUMBER REFERS TO ASSOCIATED PHASE

SINGLE ENTRY PHASE

REPLACE 15 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION.

REPLACE 16 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION.

REPLACE 18 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION.

-USE EXISTING
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C W O'PLAINE ROAD

NOTES: PUSHBUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 8.

**CABLE PLAN** 

## **SCHEDULE OF QUANTITIES**

<u>QUANTITY</u>	<u>UNIT</u>	<u>ITEM</u>
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
5	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
1	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
3	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
3	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED
6	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIME
1	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIME
8	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
1	EACH	MODIFY EXISTING CONTROLLER CABINET
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	UNINTERRUPTABLE POWER SUPPLY, SPECIAL
7	EACH	PEDESTRIAN PUSH-BUTTON, NON-LATCHING

## 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.

6 EACH SIGNAL HEAD, 3 - SECTION
6 EACH SIGNAL HEAD, 5 - SECTION
8 EACH PEDESTRIAN SIGNAL HEAD
7 EACH PEDESTRIAN PUSH-BUTTON
8 EACH TRAFFIC SIGNAL BACKPLATE
2 EACH SIGNAL POST

TS# 7065 GURNEE

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FILE NAME =	USER NAME = \$USER\$	DESIGNED -	DW	REVISED -			IL RTE 1:	132 (GRA	ND AVE	AT O'PLA	AINE ROAD	F.A.	SECTION	COUNTY	SHEET	T SHE	EET.
N:\Projects3\12004\DesignCAD\Sheet Files	12-002 Sheets NE Lake Co\07065_CAB_LAKE.dg	DRAWN -	JDH	REVISED -	STATE OF ILLINOIS	SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE					1112.	2012-004 I	LAKE	97	7	29	
	PLOT SCALE = \$SCALE\$	CHECKED -	кмм	REVISED -	DEPARTMENT OF TRANSPORTATION							2012 00 1	CT NO.	60T	42		
	PLOT DATE = 5/16/2012	DATE -		REVISED -		SCALE: N.T.S.	SHEET NO.	OF	SHEETS	STA.	TO STA.		ILLINOIS FE	D. AID PROJECT			