



EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTORS									
EMERGENCY VEHICLE PREEMPTOR	3	4	5						
MOVEMENT									

(MILWAUKEE AVE.)

I. D. O. T. TRAFFIC SIGNAL INSTALLATION											
TYPE	NO. LAMPS	WATTAGE		% OPERATIONS	TOTAL						
		INCAND.	LED		WATTAGE						
SIGNAL (RED)	16	1 35	17	0.50	136						
(YELLOW)	16	1 35	25	0.25	100						
(GREEN)	16	1 35	15	0.25	60						
ARROW	8	1 35	12	0.10	10						
PED. SIGNAL	6	90	25	1.00	150						
CONTROLLER	1	100	100	1.00	100						
ILLUM. SIGN		252	25	0.05							
VIDEO SYSTEM		150	-	1.00							
FLASHER LED											

ENERGY COSTS-

IL RTE 21

-3-

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BILLED TO: VILLAGE OF VERNON HILLS

290 EVERGREEN DRIVE

VERNON HILLS, IL 60061

ENERGY SUPPLY -

CONTACT TERRI BLECK
PHONE 847-816-5239

847-816-5239 COMMONWEALTH EDISON

TOTAL =

556

LEGEND

DUAL ENTRY PHASE PEDESTRIAN PHASE SINGLE ENTRY PHASE OVERLAP

NUMBER REFERS TO ASSOCIATED PHASE

ASSUCIATED PHASE

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 PEDESTRIAN SIGNAL HEAD 4 EACH PEDESTRIAN PUSH-BUTTON

SCHEDULE OF QUANTITIES

 QUANTITY
 UNIT
 ITEM

 1
 EACH
 MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION

 2
 EACH
 PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER

 2
 EACH
 PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER

 1
 EACH
 MODIFY EXISTING CONTROLLER CABINET

 1
 EACH
 REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

 1
 EACH
 UNINTERRUPTABLE POWER SUPPLY, SPECIAL

 12
 EACH
 SIGNAL HEAD, LED, 1-FACE, 3-SECTION, SPAN WIRE MOUNTED, RETROFIT

 4
 EACH
 SIGNAL HEAD, LED, 1-FACE, 5-SECTION, SPAN WIRE MOUNTED, RETROFIT

 4
 EACH
 SIGNAL HEAD, LED, 1-FACE, 5-SECTION, SPAN WIRE MOUNTED, RETROFIT

 4
 EACH
 PEDESTRIAN PUSH-BUTTON, NON-LATCHING

Я $\Rightarrow \Leftrightarrow z$ DR. TRACER CABLE CONTINENTAL Y G ←Y ←G **≯. ♥** G ←Y ←G INTERCONNECT TO AMERICAN HOTEL REGISTER DR. (MILWAUKEE AVE.) _ ლ ≻ ს # } ດ ≺ ⊅ ດ ≺ ѫ− ດ ≺ ⊅ ILL ROUTE 21 o +× \ \ \ \ \ \ * 0 TRACER CABLE | , | Я ㅂ | INTERCONNECT TO EXECUTIVE WAY RETROFIT ALL EXISTING SIGNAL HEADS TO L.E.D CABLE PLAN PUSH BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4 PUSH BUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6

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

CONSTRAINT, OR AS DIRECTED BY THE ENGINEER

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# 22052 VERNON HILLS

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	DW	REVISED -		II RTE 21 /MI	IWVIIKEE V	VE \ AT	CONTIN	IENTAL DR	IVE – CABLE PLAN.	F.A.	SECTION	COUNTY	TOTAL	SHEET
N:\Projects3\12004\DesignCAD\Sheet Files	12-001 Sheets SE Lake Co\22052_CAB_LAKE.dgr	DRAWN -	JDH	REVISED -	STATE OF ILLINOIS	•		,					2012-003 I	LAKE	102	57
	PLOT SCALE = \$SCALE\$	CHECKED -	КММ	REVISED -	DEPARTMENT OF TRANSPORTATION	2CHEDOLE OF	UUAN IIIIES	PHASE	DESIGN	I. DIAGKAIV	& EVP SEQUENCE			CONTRAC	T NO.	60T41
	PLOT DATE = 3/28/2012	DATE -		REVISED -		SCALE: N.T.S.	SHEET NO.	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. A	ID PROJECT		