



EMERGENCY VEHICLE PREEMPTORS							
EMERGENCY VEHICLE PREEMPTOR	3	4					
MOVEMENT		↓ ↑					

I. D. O. T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

ELECTRICAL SERVICE REGULATS									
TYPE	NO. LAMPS	WATTAGE		% OPERATIONS	TOTAL				
		INCAND.	LED		WATTAGE				
SIGNAL (RED)	13	1 35	17	0.50	111				
(YELLOW)	13	1 35	25	0.25	81				
(GREEN)	13	1 35	15	0.25	49				
ARROW	12	1 35	12	0.10	14				
PED. SIGNAL	4	90	25	1.00	100				
CONTROLLER	1	100	100	1.00	100				
ILLUM. SIGN		252	25	0.05					
VIDEO SYSTEM		150	-	1.00					
FLASHER LED									

ENERGY COSTS-

ENERGY SUPPLY -

BILLED TO: CITY OF LAKE FOREST

220 E. DEERPATH LAKE FOREST, IL 60045

CONTACT TERRI BLECK 847-816-5239 PHONE

COMMONWEALTH EDISON



EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTORS							
EMERGENCY VEHICLE PREEMPTOR	3	4					
MOVEMENT	—	1					

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.

4 EACH PEDESTRIAN SIGNAL HEAD PEDESTRIAN PUSH-BUTTON

CABLE PLAN RETROFIT ALL EXISTING SIGNAL HEADS TO L.E.D. PUSHBUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6.

SCHEDULE OF QUANTITIES

<u>QUANTITY</u>	UNIT	<u>ITEM</u>
1 2 1	EACH EACH EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
1 1 1	EACH EACH EACH EACH	MODIFY EXISTING CONTROLLER CABINET REMOVE EXISTING TRAFFIC SIGNAL EOUIPMENT UNINTERRUPTABLE POWER SUPPLY, SPECIAL SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED, RETROFIT
1 5 3 2	EACH EACH EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED, RETROFIT SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, RETROFIT SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED, RETROFIT
2 3	EACH EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED, RETROFIT PEDESTRIAN PUSH-BUTTON, NON-LATCHING

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.

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DEERPATH AVENUE

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TS# 10665 LAKE FOREST

-EXISTING INTERSECTION AND SAMPLING (SYSTEM) DETECTORS

INTERCONNECT TO /WESTMORELAND DRIVE/ MIDDLEFORK DRIVE

/ TRACER CABLE

FILE NAME =	USER NAME = \$USER\$	DESIGNED	-	DW	REVISED -
$N: \Projects 3\12004 \Design CAD \Sheet Files$	12-001 Sheets SE Lake Co\10665_CAB_LAKE.dgn	DRAWN	-	JDH	REVISED -
	PLOT SCALE = \$SCALE\$	CHECKED	-	KMM	REVISED -
	PLOT DATE = 3/28/2012	DATE	-		REVISED -

TOTAL =

455

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

ILLINOIS ROUTE 43 (WAUKEGAN ROAD)

EXISTING INTERSECTIONAND SAMPLING (SYSTEM)

DETECTORS

INTERCONNECT TO
ILL. RTE. 60

TRACER CABLE

								LANL	1 011	
IL RTE. 43 (WAUKEGAN ROAD) & DEERPATH AVENUE – CABLE PLAN,						F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCHEDULE OF QUANTITIES, PHASE DESIGN, DIAGRAM & EVP SEQUENCE						2012-003 I	LAKE	102	92	
SCHEDOLE OF QUANTITIES, FRASE DESIGN. DIAGRAM & EVF SEQUENCE								CONTRAC	NO. 6	50T41
SCALE: N.T.S.	SHEET NO.	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				