



IL RTE 43

### LEGEND

DUAL ENTRY PHASE

PEDESTRIAN PHASE SINGLE ENTRY PHASE

NUMBER REFERS TO ASSOCIATED PHASE

	RIGHT	TURN	OVERLAP	PHASE	DESIGNAT	ION
OVERLAP		PERMISSIVE		PROTECTED		DISPLAY
ETTER		PHASE		PHASE		PHASE
Α	=	2	+	8	-	2
D	=	8	+	1		

#### PHASE DESIGNATION DIAGRAM

I. D. O. T.										
TRAFFIC SIGNAL INSTALLATION										
ELECTRICAL SERVICE REQUIREMENTS										
TYPE	NO. LAMPS	WATTAGE		% 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	8	1 35	12	0.10	10					
PED. SIGNAL		90	25	1.00						
CONTROLLER	1	100	1 00	1.00	100					
ILLUM. SIGN		252	25	0.05						
VIDEO SYSTEM		150	ļ	1.00	ı					
FLASHER LED										

BILLED TO: IDOT DISTRICT 1 ENERGY COSTS-

201 WEST CENTER COURT SCHAUMBURG, IL 60196-1096

TOTAL =

ENERGY SUPPLY -CONTACT TERRI BLECK

PHONE 847-816-5239 COMMONWEALTH EDISON

332

QUANTITY <u>UNIT</u> MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
MODIFY EXISTING CONTROLLER CABINET
UNINTERRUPTABLE POWER SUPPLY, SPECIAL
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
SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED RETROFIT
SIGNAL HEAD, LED, 3-FACE, 3-SECTION, BRACKET MOUNTED RETROFIT EACH EACH EACH FACH FACH EACH EACH

**SCHEDULE OF QUANTITIES** 

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### **CABLE PLAN**

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

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

## TS# 6810 WAUKEGAN

COUNTY TOTAL SHEET NO.

LAKE 97 84 FILE NAME = DESIGNED REVISED USER NAME = \$USER\$ DW IL ROUTE 43 AT 22ND ST /M.L. KING JR. DRIVE SECTION COUNTY STATE OF ILLINOIS SCHEDULE OF QUANTITIES, CABLE PLAN AND PHASE DESIGNATION DIAGRAM N:\Projects3\12004\DesignCAD\Sheet Fil s 12-002 Sheets NE Lake Co\06810\_CAB\_LAKE.do DRAWN JDH REVISED 2012-004 I **DEPARTMENT OF TRANSPORTATION** CHECKED KMM REVISED CONTRACT NO. 60T42 SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA. REVISED PLOT DATE = 5/16/2012 DATE