

# LEGEND

DUAL ENTRY PHASE PEDESTRIAN PHASE SINGLE ENTRY PHASE OVERLAP

NUMBER REFERS TO ASSOCIATED PHASE

3

RIGHT	TURN	OVERLAP	PHASE	DESIGNATION	
OVER	LAP	PERMISS	SIVE	PROTECTED	
LETTER		PHASE		PHASE	

2

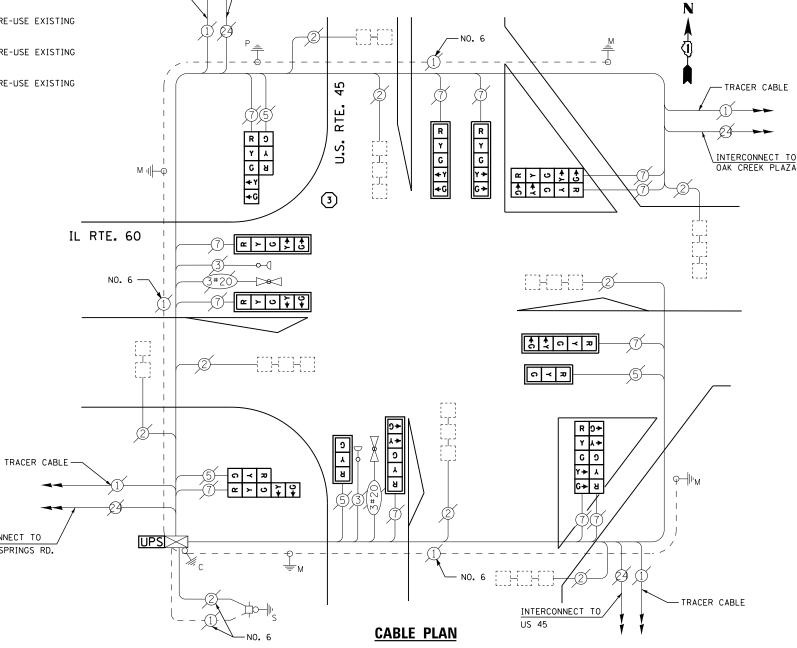
	REPLACE 14 FT. PAINTED POST. TYPE A CONCRETE FOUNDATION.	RE-USE	EXISTIN
	TYPE A CONCRETE FOUNDATION.		

TRACER CABLE

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

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

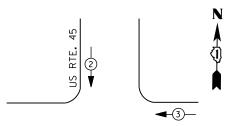
REPLACE 18 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION.

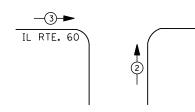


# PHASE DESIGNATION DIAGRAM

**(5)** (2)

IL RTE. 60





# **EMERGENCY VEHICLE PREEMPTION SEQUENCE**

EMERGENCY VEHICLE PREEMPTORS					
EMERGENCY VEHICLE PREEMPTOR	2	3			
MOVEMENT	<b> </b>	<b>←</b>			

I. D. O. T.								
TRAFFIC SIGNAL INSTALLATION								
ELECTRICAL SERVICE REQUIREMENTS								
TYPE NO. LAMPS WATTAGE % OPERATIONS TOTAL								
I IIFE	NO. LAMES			7. UPERATIONS	WATTAGE			
		INCAND.	LED		WATTAGE			
SIGNAL (RED)	16	1 35	1 7	0.50	136			
(YELLOW)	16	1 35	25	0.25	100			
( GREEN)	16	1 35	15	0.25	60			
ARROW	24	1 35	12	0.10	29			
PED. SIGNAL		90	25	1.00				
CONTROLLER	1	100	1 00	1.00	100			
ILLUM. SIGN		252	25	0.05				
VIDEO SYSTEM	0	150	-	1.00	0			
FLASHER LED								

ENERGY COSTS-

BILLED TO: IDOT DISTRICT 1

201 WEST CENTER COURT SCHAUMBURG, IL 60196-1096

TOTAL =

425

ENERGY SUPPLY -

CONTACT TERRI BLECK 847-816-5239 PHONE

COMMONWEALTH EDISON

### **SCHEDULE OF QUANTITIES**

**QUANTITY** <u>UNIT</u> EACH MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT. EACH EACH SIGNAL HEAD, LED. 1-FACE, 3-SECTION, MAST-ARM MOUNTED EACH SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED EACH SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM EACH MODIFY EXISTING CONTROLLER CABINET EACH REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT FACH UNINTERRUPTABLE POWER SUPPLY, SPECIAL

INTERCONNECT TO WILLOW SPRINGS RD.

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

#### 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.

SIGNAL HEAD, 1-FACE, 3 - SECTION SIGNAL HEAD, 1-FACE, 5 - SECTION EACH EACH EACH SIGNAL HEAD, 2-FACE, 1-3 SECTION, 1-5 SECTION SIGNAL HEAD, 2-FACE, 2-5 SECTION 2 EACH

EACH SIGNAL POST

TS# 6605 MUNDELEIN

COUNTY TOTAL SHEET NO. LAKE 84 50 FILE NAME = DESIGNED REVISED USER NAME = \$USER\$ DW US ROUTE 45 AT IL ROUTE 60 SECTION STATE OF ILLINOIS N:\Projects3\12004\DesignCAD\Sheet Files 12-003 Sheets SW Lake Co\06605\_CAB\_LAKE.do DRAWN JDH REVISED SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM 2012-039TS AND EMERGENCY VEHICLE PREEMPTION SEQUENCE CHECKED кмм REVISED **DEPARTMENT OF TRANSPORTATION** CONTRACT NO. 60T84 SCALE: N.T.S. SHEET NO. OF SHEETS STA. REVISED PLOT DATE = 8/23/2012 DATE