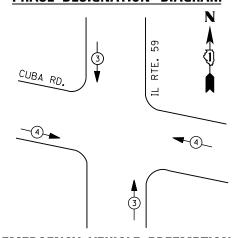


## EXISTING AND PROPOSED PHASE DESIGNATION DIAGRAM



## **EMERGENCY VEHICLE PREEMPTION SEQUENCE**

EMERGENCY VE	HICLE PRE	EMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4			
MOVEMENT	<b>↓</b> †	<b>←</b>			

		1. D. O									
TRAFFIC SIGNAL INSTALLATION											
ELECTRICAL SERVICE REQUIREMENTS											
YPE	NO. LAMPS	WATTAGE		% OPERATIONS							
		INCAND.	LED		WATTAGE						
IAL (RED)	14	1 35	1 7	0.50	119						

		INCAND.	LED		
SIGNAL (RED)	14	1 35	1 7	0.50	119
(YELLOW)	14	1 35	25	0.25	88
( GREEN)	14	1 35	15	0.25	53
ARROW	16	1 35	12	0.10	19
PED. SIGNAL	0	90	25	1.00	0
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		252	25	0.05	
VIDEO SYSTEM		150	-	1.00	
FLASHER LED					

ENERGY COSTS-

BILLED TO: IDOT DISTRICT 1

201 WEST CENTER COURT SCHAUMBURG, IL 60196-1096

TOTAL =

379

ENERGY SUPPLY - CONTACT DAVE SCHACHT
PHONE 630-437-2129

COMMONWEALTH EDISON

<u>LEGEND</u>

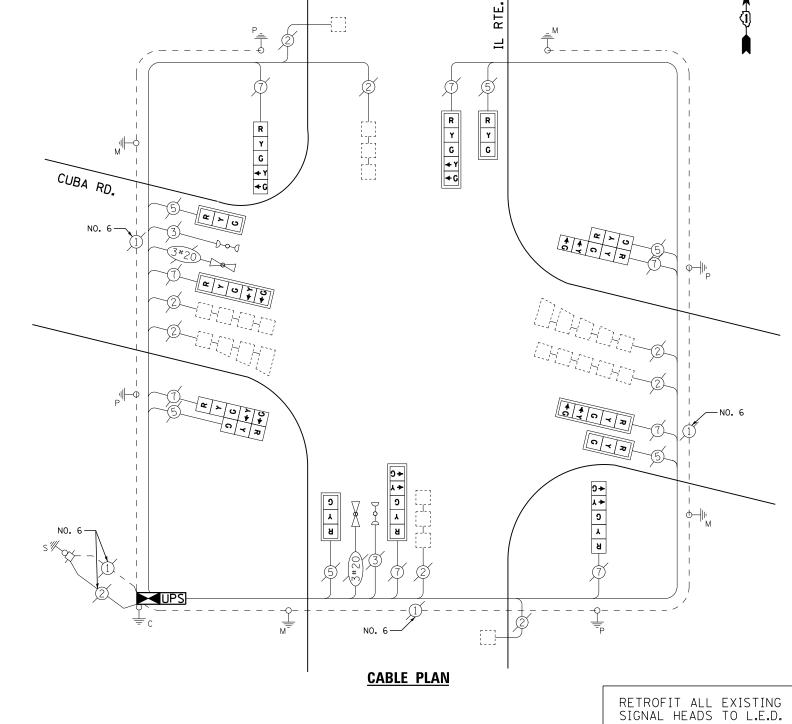
DUAL ENTRY PHASE

PEDESTRIAN PHASE

SINGLE ENTRY PHASE

OVERLAP

\* NUMBER REFERS TO ASSOCIATED PHASE



## **SCHEDULE OF QUANTITIES**

<u>QUANT I</u>	<u>TY</u> <u>UNIT</u>	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET
8	EACH	INDUCTIVE LOOP DETECTOR
<b>*</b> 1	EACH	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	UNINTERRUPTABLE POWER SUPPLY, SPECIAL
2	EACH	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED, RETROFIT
4	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, RETROFIT
4	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED, RETROFIT
2	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED, RETROFIT
*	100% COST TO	LAKE COUNTY

## 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.

1 EACH CONTROLLER AND CABINET (COMPLETE)

TS# 21350 UNINC.

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	DW	REVISED -		IL ROUTE 59 AT CUBA ROAD					F.A.	SECTION	COUNTY	TOTAL	SHEET		
N:\Projects3\12004\DesignCAD\Sheet Files	12-003 Sheets SW Lake Co\21350_CAB_LAKE.dg	DRAWN -	JDH	REVISED -	STATE OF ILLINOIS	SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM				1,112	2012-039TS	LAKE	84	80			
	PLOT SCALE = \$SCALE\$	CHECKED -	КММ	REVISED -	DEPARTMENT OF TRANSPORTATION	AND EMERGENCY VEHICLE PREEMPTION SEQUENCE						JENCE			CONTRAC	T NO. (	60T84
	PLOT DATE = 8/23/2012	DATE -		REVISED -		SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.				TO STA.		ILLINOIS FED. AI	D PROJECT				