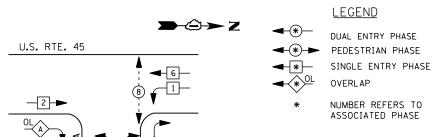
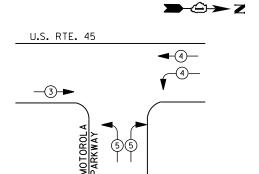


### **CONTROLLER SEQUENCE**



	RIGH1	TURN OVER	LAF	PHASE	DESIGNA	<u>TION</u>
OVERL	ΑP	PERMISSIVE		PROTECT	ΓED	DISPLAY
LETTER	₹	PHASE		PHASE	:	PHASE
Α	=	2	+	3	-	2
D	=	6	+	1	-	8

#### PHASE DESIGNATION DIAGRAM



## **EMERGENCY VEHICLE PREEMPTION SEQUENCE**

EMERGENCY VEHICLE PREEMPTORS										
EMERGENCY VEHICLE PREEMPTOR	3	4	5							
MOVEMENT	-	<b>—</b>	<b>1</b>							

		I. D. O	. T.			
	TRAFFIC S	I GNAL I	NSTALLA	TION		
	ELECTRI CAL	SERVI CE	REQUIR	EMENTS		
TYPE	NO. LAMPS	WAT	TAGE	% 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	8	1 35	12	0.10	10	
PED. SIGNAL	2	90	25	1.00	50	
CONTROLLER	1	100	1 00	1.00	100	
ILLUM. SIGN		252	25	0.05		
VIDEO SYSTEM		150	-	1.00		
FLASHER LED						
				TOTAL =	401	

440 E. HAWLEY STREET MUNDELEIN, IL 60060 ENERGY SUPPLY -CONTACT TERRI BLECK PHONE 847-816-5239 COMMONWEALTH EDISON

ENERGY COSTS-

BILLED TO: VILLAGE OF MUNDELEIN

# **SCHEDULE OF QUANTITIES**

QUANTITY	<u>UNIT</u>	<u>ITEM</u>
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
2	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	MODIFY EXISTING CONTROLLER CABINET
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	UNINTERRUPTABLE POWER SUPPLY, SPECIAL

EXISTING INTERSECTION -AND SAMPLING (SYSTEM)

DETECTORS

# REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

**UPS** 

7

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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.

EACH PEDESTRIAN SIGNAL HEAD

MOTOROLA PARKWAY

**CABLE PLAN** 

2 EACH PEDESTRIAN PUSH-BUTTON

TS# 21260 MUNDELEIN

**→**②→ Z

-EXISTING INTERSECTION AND SAMPLING (SYSTEM) DETECTORS

-TRACER CABLE

INTERCONNECT TO

WINCHESTER ROAD

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	DW	REVISED -		US ROUTE 45 AT MOTOROLA PARKWAY SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM					F.A.	SECTION	COUNTY	TOTAL	SHEET	
N:\Projects3\12004\DesignCAD\Sheet Files	12-003 Sheets SW Lake Co\21260_CAB_LAKE.dg	DRAWN -	JDH	REVISED -	STATE OF ILLINOIS							1112	2012-039TS	LAKE	84	70
	PLOT SCALE = \$SCALE\$	CHECKED -	KMM	REVISED -	DEPARTMENT OF TRANSPORTATION		AND EMERGENCY VEHICLE PREEMPTION SEQUENCE							CONTRACT	NO. 6	OT84
	PLOT DATE = 8/23/2012	DATE -		REVISED -		SCALE: N.T.S.	SHEET NO.	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				

TRACER CABLE -

INTERCONNECT TO/ DUNBAR / ST. MARY'S

U.S. RTE. 45