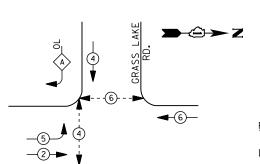


CONTROLLER SEQUENCE



LEGEND

DUAL ENTRY PHASE

→ PEDESTRIAN PHASE

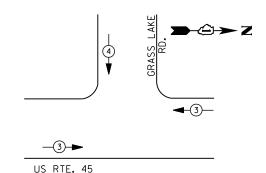
- SINGLE ENTRY PHASE

NUMBER REFERS TO ASSOCIATED PHASE

RIGHT TURN OVERLAP PHASE DESIGNATION
OVERLAP PERMISSIVE PROTECTED
LETTER PHASE PHASE

PHASE DESIGNATION DIAGRAM

US RTE. 45



EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTORS					
EMERGENCY VEHICLE PREEMPTOR	3	4			
MOVEMENT	+	•			

		I. D. O	. т.				
TRAFFIC SIGNAL INSTALLATION							
	ELECTRI CAL	SERVI CE	REQUIR	EMENTS			
TYPE	NO. LAMPS	WATTAGE		% OPERATIONS	TOTAL		
		INCAND.	LED		WATTAGE		
SIGNAL (RED)	11	1 35	17	0.50	94		
(YELLOW)	11	1 35	25	0.25	69		
(GREEN)	11	1 35	15	0.25	41		
ARROW	8	1 35	12	0.10	10		
PED. SIGNAL	4	90	25	1.00	100		
CONTROLLER	1	1 00	1 00	1.00	100		
ILLUM. SIGN		252	25	0.05			
VIDEO SYSTEM		150	-	1.00	I		
FLASHER LED							
				TOTAL =	414		

ENERGY COSTS-

BILLED TO: IDOT DISTRICT 1

201 WEST CENTER COURT SCHAUMBURG, IL 60196-1096

ENERGY SUPPLY -

CONTACT TERRI BLECK
PHONE 847-816-5239

847-816-5239 COMMONWEALTH EDISON

SCHEDULE OF QUANTITIES

QUANT I TY	<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
1	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
3	EACH	PEDESTRIAN PUSH-BUTTON, NON-LATCHING

→ NO. 6 GREEN GRASS LAKE RD. TRACER CABLE -C ○ C ★ D ◆ INTERCONNECT TO GRASS LAKE RD. NO. 6 -GREEN -EXISTING INTERSECTION AND SAMPLING (SYSTEM) DETECTOR US RTE. 45 **TENTO** 5 (a)(~)(b) ∟N0. 6 GREEN **CABLE PLAN**

NOTES: PUSH BUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6

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

EACH PEDESTRIAN PUSH-BUTTON

TS# 21755 OLD MILL CREEK

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	DW	REVISED -		US ROUTE 45 AT GRASS LAKE ROAD	F.A. RTF.	SECTION	COUNTY TOTA	AL SHEET
N:\Projects3\12004\DesignCAD\Sheet Files	12-004 Sheets NW Lake Co\21755_CAB_LAKE.dg	DRAWN -	JDH	REVISED -	STATE OF ILLINOIS	SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.		2012-040TS	LAKE 60	43
	PLOT SCALE = \$SCALE\$	CHECKED -	КММ	REVISED -	DEPARTMENT OF TRANSPORTATION				CONTRACT NO.	. 60T85
	PLOT DATE = 12/10/2012	DATE -		REVISED -				ILLINOIS FED. A	AID PROJECT	