



DUAL ENTRY PHASE PEDESTRIAN PHASE

SINGLE ENTRY PHASE

NUMBER REFERS TO ASSOCIATED PHASE

RIGHT TURN OVERLAP PHASE DESIGNATION OVERLAP PERMISSIVE PROTECTED PHASE

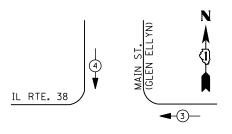
8

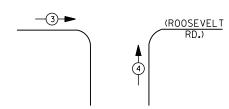
## PHASE DESIGNATION DIAGRAM

**CONTROLLER SEQUENCE** 

IL RTE. 38

<del>(5)</del> **-(2)** →





### **EMERGENCY VEHICLE PREEMPTION SEQUENCE**

EMERGENCY VE	HICLE PRE	EMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4		
MOVEMENT	<b>—</b>			

1. D. O. I.									
TRAFFIC SIGNAL INSTALLATION									
ELECTRICAL SERVICE REQUIREMENTS									
TYPE	NO. LAMPS	WATTAGE		% OPERATIONS	TOTAL				
		INCAND.	LED		WATTAGE				
SIGNAL (RED)	13	1 35	1 7	0.50	111				
(YELLOW)	13	1 35	25	0.25	82				
( GREEN)	13	1 35	15	0.25	49				
ARROW	20	1 35	12	0.10	24				
PED. SIGNAL	8	90	25	1.00	200				
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 =

566

ENERGY SUPPLY -CONTACT JOE STACHO PHONE

630-424-5704 COMMONWEALTH EDISON

SCHEDULE OF QUANTITIES

**QUANTITY** <u>UN I T</u> FOOT MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION DRILL EXISTING HANDHOLE EACH PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER MODIFY EXISTING CONTROLLER CABINET REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT FACH EACH EACH UNINTERRUPTABLE POWER SUPPLY, SPECIAL FACH PEDESTRIAN PUSH-BUTTON, NON-LATCHING EACH

# NO. 6-GREEN INTERCONNECT TO PARK BLVD. MAIN (GLEN \$\\ \( \) R > (3)(\$)(\$) -TRACER CABLE IL RTE. 38 (ROOSEVELT RD.) (x)-EXISTING INTERSECTION AND SAMPLING (SYSTEM) DETECTORS -NO. 6 D-0-(1 -(~)(~)(~)(~)(~) $\mathbb{E}\left[\mathbb{E}\left[\mathbb{E}\left(\mathbb{E}\right)\right)}\right)\right)\right)}\right)\right)\right)\right)}\right| \mathbb{E}\left(\mathbb{E}\left(\mathbb{E}\left(\mathbb{E}\left(\mathbb{E}\left(\mathbb{E}\left(\mathbb{E}\left(\mathbb{E}\left(\mathbb{E}\left(\mathbb{E}\left(\mathbb{E}\left(\mathbb{E}\left(\mathbb{E}\left(\mathbb{E}\left(\mathbb{E}\left(\mathbb{E}\right)\right)\right)\right)\right)\right) \right) \right) \right) | \mathbb{E}\left(\mathbb{$ INTERCONNECT TO LAMBERT RD. TRACER CABLE GREEN **CABLE PLAN** UPS SHALL BE INSTALLED ON LEFT SIDE OF CONTROLLER CABINET DUE TO PHYSICAL CONSTRAINT, OR AS DIRECTED BY THE ENGINEER

PUSH BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4
PUSH BUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6
PUSH BUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8

PUSH BUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 8

## 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.

8 EACH PEDESTRIAN SIGNAL HEAD

EACH PEDESTRIAN PUSH-BUTTON

TS# 21255 GLEN ELLYN

									GLE	N ELL	_ 1 1/1	
FILE NAME =	USER NAME = \$USER\$	DESIGNED -	DW	REVISED -		IL ROUTE 38 AT MAIN STREET	F.A.	SECTION	COUNTY	TOTAL	SHEE	Ī
$N: \Projects 3 \12062 \Design CAD \Sheet Files$	21255_CAB_DUPAGE.dgn	DRAWN -	JDH	REVISED -	STATE OF ILLINOIS	SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM	11112	2012-082TS	DUPAGE	88	45	-
	PLOT SCALE = \$SCALE\$	CHECKED -	КММ	REVISED -	DEPARTMENT OF TRANSPORTATION	AND EMERGENCY VEHICLE PREEMPTION SEQUENCE  SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.			CONTRACT	T NO. 6	owoc	,
	PLOT DATE = 2/5/2013	DATE -		REVISED -				ILLINOIS FED. AID PROJECT				_