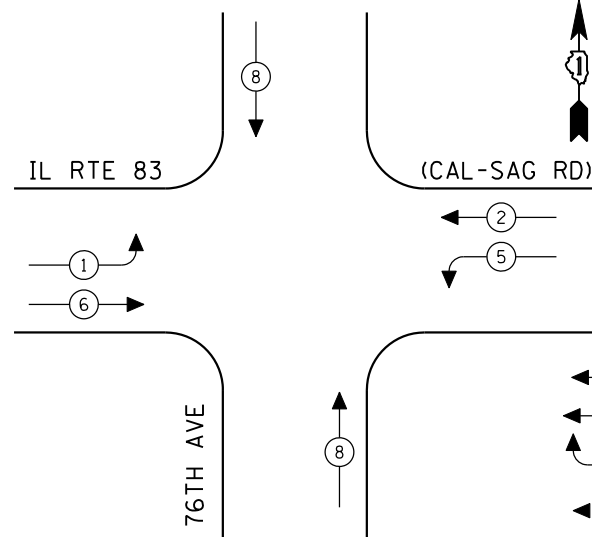


**CONTROLLER SEQUENCE**



**LEGEND**

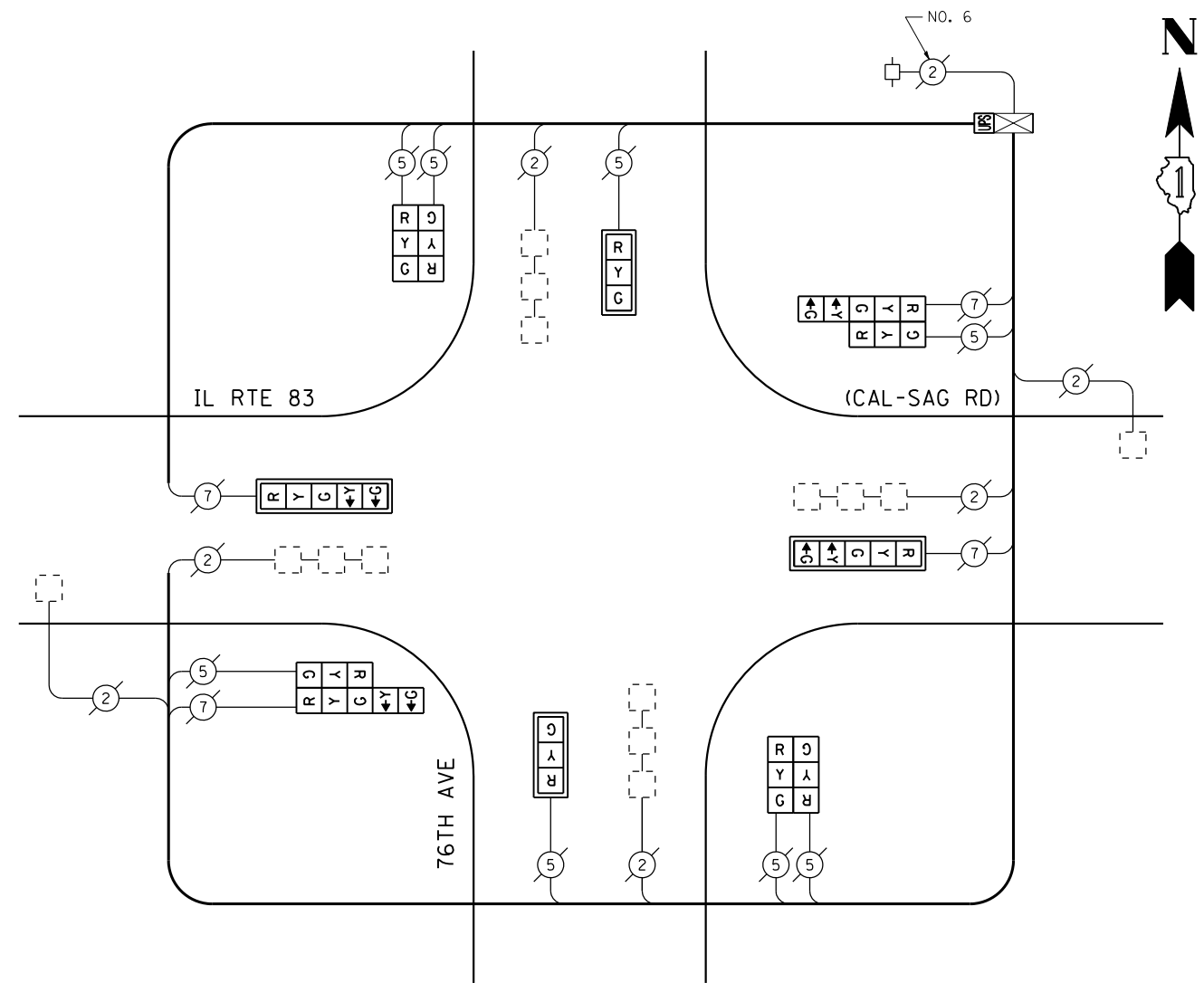
- ← \* → DUAL ENTRY PHASE
- ← \* → SINGLE ENTRY PHASE
- ◊ O.L. OVERLAP
- ← \* → PEDESTRIAN PHASE
- \* NUMBER REFERS TO ASSOCIATED PHASE

**EXISTING PHASE DESIGNATION DIAGRAM**

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.

2	EACH	SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM MOUNTED
2	EACH	SIGNAL HEAD, 1-FACE, 5-SECTION, MAST ARM MOUNTED
2	EACH	SIGNAL HEAD, 2-FACE, 3-SECTION WITH 12" RED INDICATION SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, 2-FACE, 1-3 SECTION WITH 12" RED INDICATION SECTION, 1-5 SECTION, BRACKET MOUNTED
4	EACH	TRAFFIC SIGNAL BACKPLATE



**CABLE PLAN**  
(NOT TO SCALE)

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
2	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
2	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
2	EACH	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
2	EACH	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
4	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
1	EACH	MODIFY EXISTING CONTROLLER CABINET
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				TOTAL WATTAGE	
TYPE	NO LAMPS	WATTAGE		%OPERATION	
		INCAND.	LED		
SIGNAL (RED)	12		17	0.50	102.00
(YELLOW)	12		25	0.25	75.00
(GREEN)	12		15	0.25	45.00
ARROW	8		12	0.10	9.60
PED. SIGNAL			25	1.00	
CONTROLLER	1		100	1.00	100.00
ILLUM. SIGN				0.05	
VEH. DETECTION			5	1.00	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	331.60

ILLINOIS DEPARTMENT OF TRANSPORTATION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196-1096  
ENERGY SUPPLY CONTACT: XXX XXXXX  
PHONE: (XXX) XXX-XXXX  
COMPANY: COMMONWEALTH EDISON

FILE NAME =	USER NAME = \$USER\$	DESIGNED - PKG	REVISED -
\$FILEL\$		DRAWN - EA, EB, WC	REVISED -
	PLOT SCALE = \$SCALE\$	CHECKED - PKG	REVISED -
	PLOT DATE = \$DATE\$	DATE - 8/15/2013	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES, CABLE PLAN  
AND PHASE DESIGNATION DIAGRAM  
IL RTE 83 (CAL SAG ROAD) AT 76TH AVENUE**

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2013-040TS	COOK	84	63
CONTRACT NO. 60W85				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

TS# 3532  
PALOS HEIGHTS