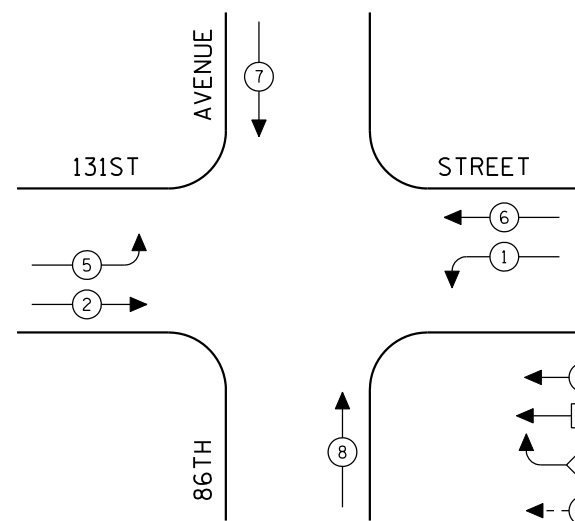


CONTROLLER SEQUENCE

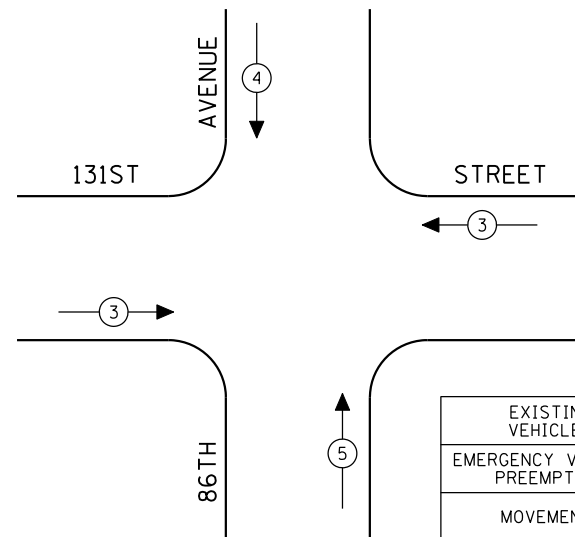


LEGEND

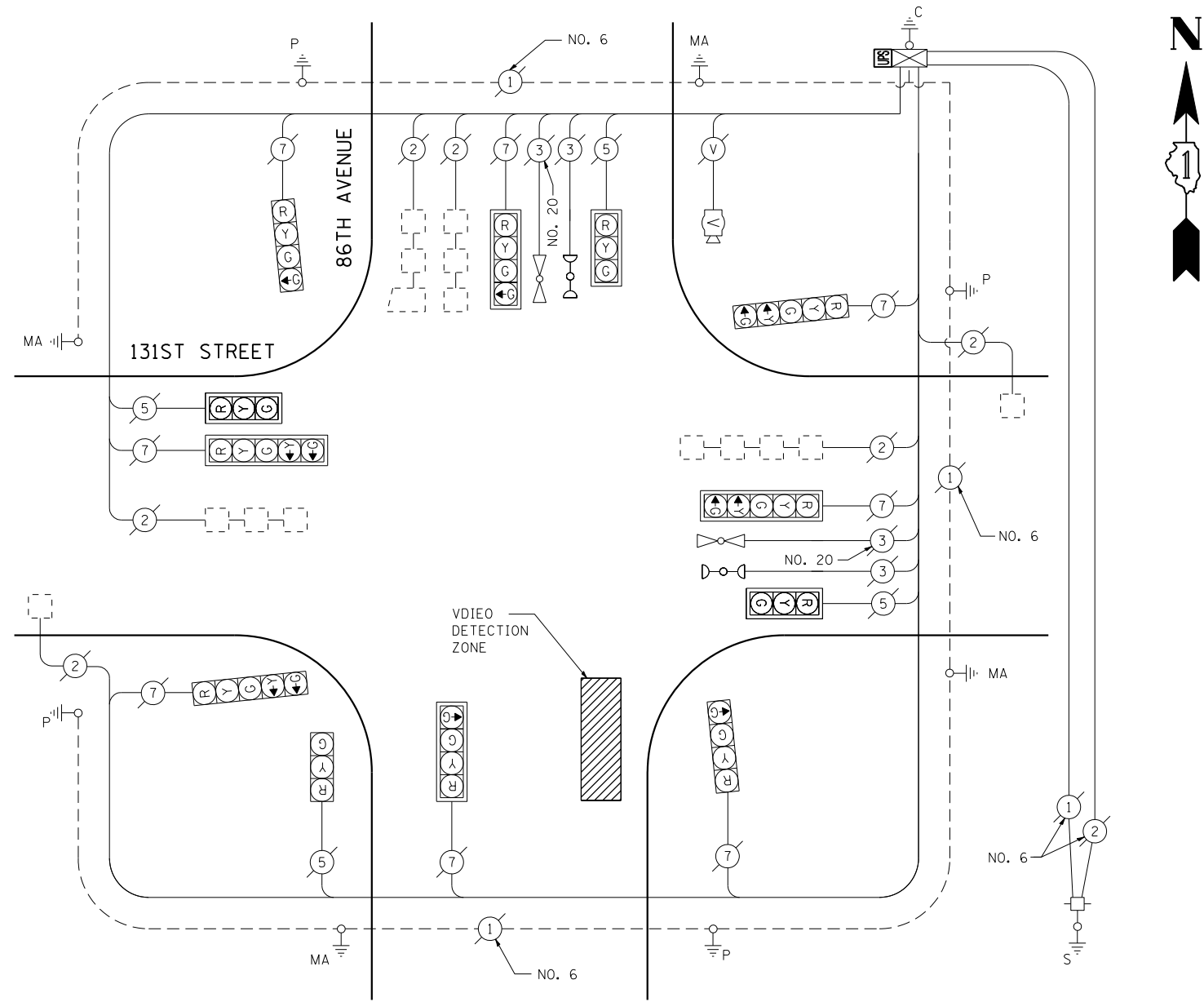
- ← * → DUAL ENTRY PHASE
- ← * SINGLE ENTRY PHASE
- ◊ O.L. OVERLAP
- ← * → PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

EXISTING PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE



NEED WORK ON WATT TABLE



CABLE PLAN

(NOT TO SCALE)

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
1	EACH	MODIFY EXISTING CONTROLLER CABINET
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" 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)	16		15	0.25	60.00
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	6		5	1.00	30.00
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL = 376.60
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, PHASE DESIGNATION
DIAGRAM AND EMERGENCY VEHICLE PREEMPTION
131ST STREET AT 86TH 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	71
CONTRACT NO. 60W85				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

TS# 1913
PALOS HILLS/PALOS TWP