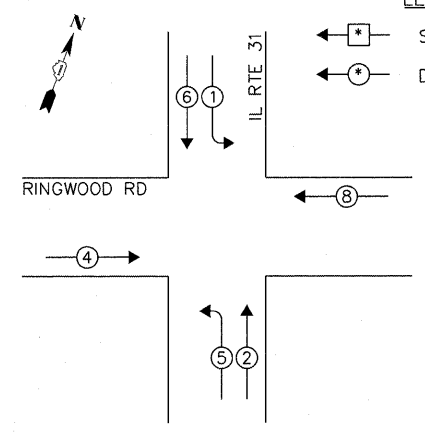
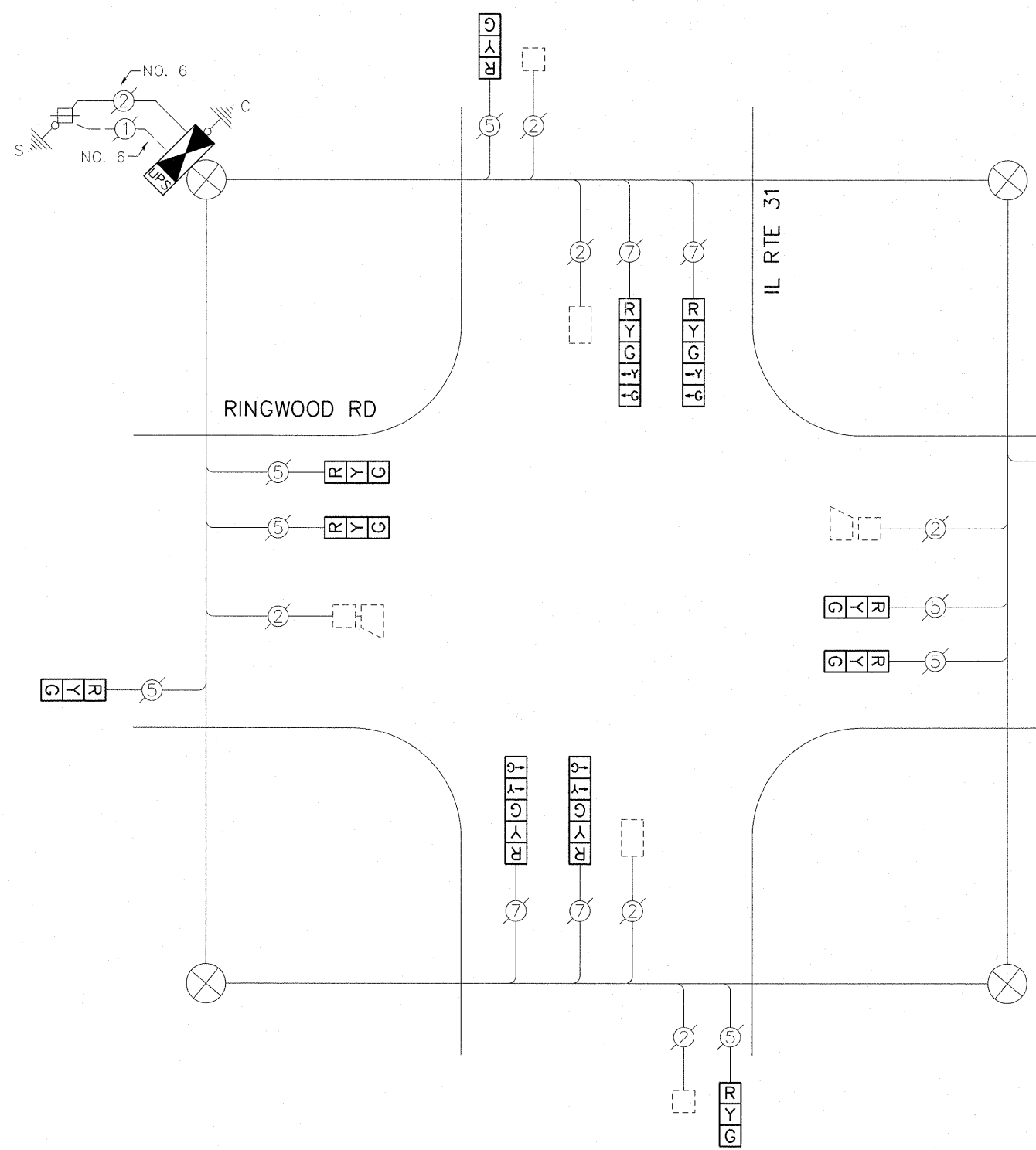


CONTROLLER SEQUENCE



**LEGEND:**  
 ◻ SINGLE ENTRY PHASE  
 ◉ DUAL ENTRY PHASE

PHASE DESIGNATION DIAGRAM



CABLE PLAN

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 SIGNAL HEAD, 3-SECTION
- 4 EACH SIGNAL HEAD, 5-SECTION
- 1 EACH CABINET AND CONTROLLER (COMPLETE)

SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
INDUCTIVE LOOP DETECTOR	EACH	6
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, SPAN WIRE MOUNTED	EACH	8
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, SPAN WIRE MOUNTED	EACH	4
UNINTERRUPTIBLE POWER SUPPLY SPECIAL	EACH	1

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE		% OPERATION	
SIGNAL (RED)	12	INCAND.	LED	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	-		25	0.05	-
VIDEO SYSTEM	-		-	1.00	-
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	331.60

CITY OF RINGWOOD  
 6000 BARNARD MILL ROAD  
 RINGWOOD, IL 60072  
 ENERGY SUPPLY: CONTACT: MIKE LENOX  
 PHONE: (815) 490-2869  
 COMPANY: COMMONWEALTH EDISON

FILE NAME =	USER NAME = plascencia1	DESIGNED - IP	REVISED -
#FILE.ABBREV#		DRAWN - IP	REVISED -
	PLOT SCALE = 28.0000' / 1" =	CHECKED - AW	REVISED -
	PLOT DATE = 10/27/2011	DATE - 10/25/2011	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE			
SPAN WIRE SIGNALS - IL RTE 31 AND RINGWOOD RD			
SCALE: 1" =	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	2011-208-TS	McHENRY	57	28
				CONTRACT NO. 60R37
ILLINOIS				