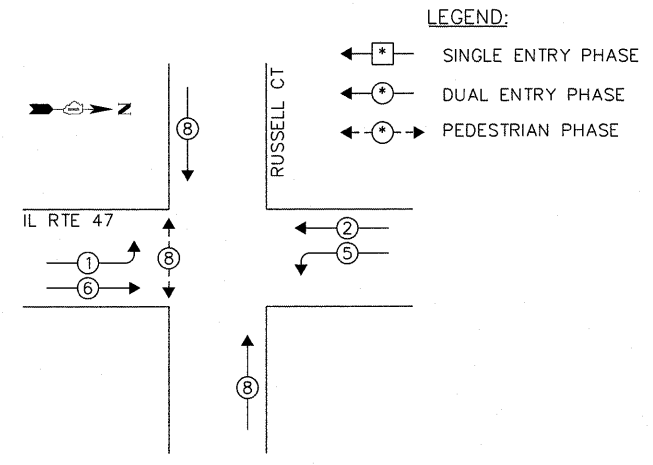


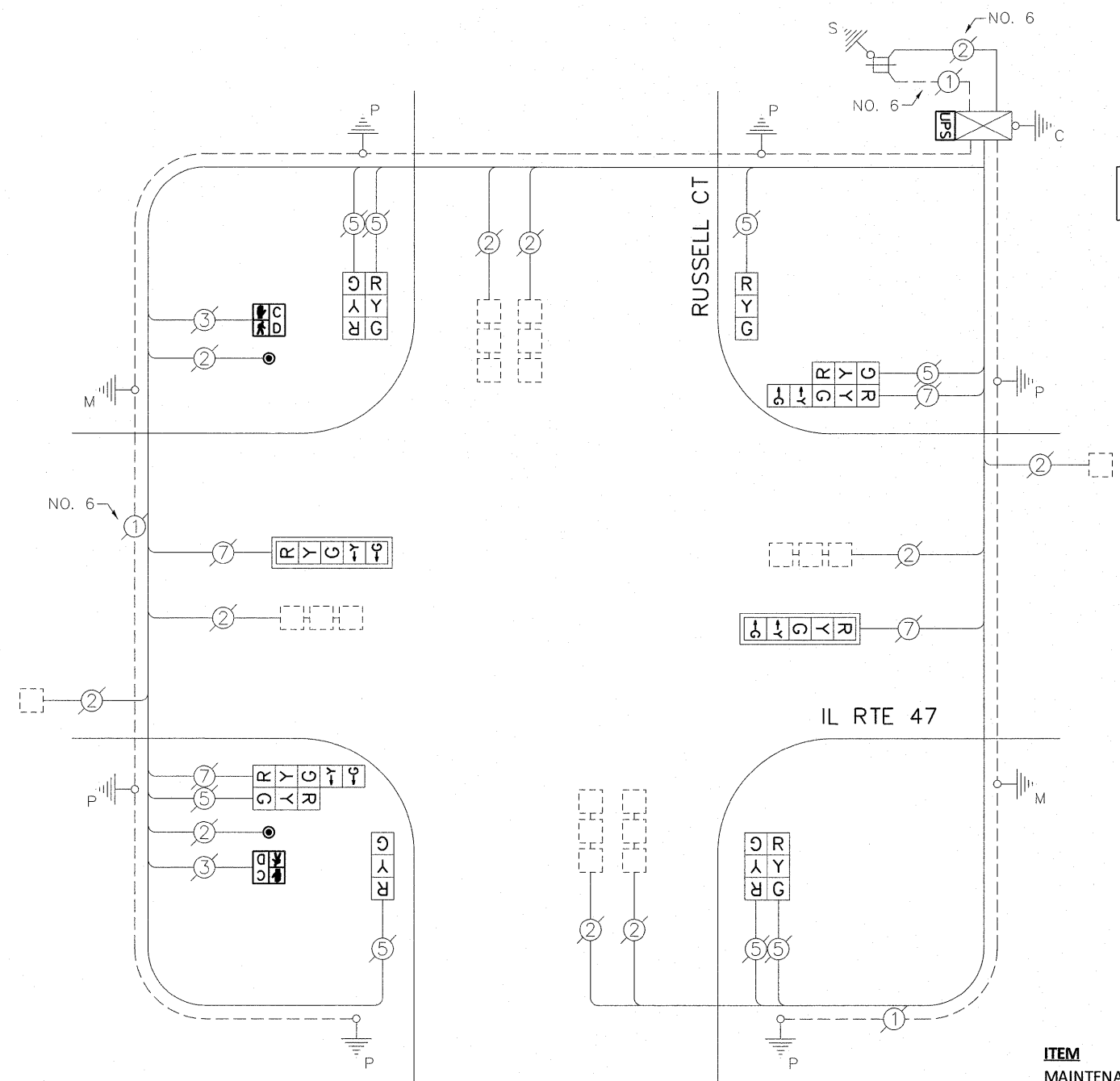
CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

LEGEND:

- ← \* → SINGLE ENTRY PHASE
- ← \* → DUAL ENTRY PHASE
- ← \* → PEDESTRIAN PHASE



CABLE PLAN

RETROFIT ALL EXISTING TRAFFIC SIGNAL HEADS TO L.E.D.

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 PEDESTRIAN SIGNAL HEAD
- 2 EACH PEDESTRIAN PUSH-BUTTON

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE		% OPERATION	
SIGNAL (RED)	12	INCAND.	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	2		25	1.00	50.00
CONTROLLER	1		100	1.00	100.00
ILLUM. SIGN	-		25	0.05	-
VIDEO SYSTEM	-		-	1.00	-
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	381.60

CITY OF WOODSTOCK  
 121 WEST CALHOUN STREET  
 WOODSTOCK, IL 60098  
 ENERGY SUPPLY: CONTACT: MIKE LENOX  
 PHONE: (815) 490-2869  
 COMPANY: COMMONWEALTH EDISON

SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BM WITH COUNTDOWN TIMER	EACH	2
PEDESTRIAN PUSH-BUTTON	EACH	2
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BM, RETROFIT	EACH	2
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BM, RETROFIT	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAM, RETROFIT	EACH	2
SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BM, RETROFIT	EACH	2
UNINTERRUPTIBLE POWER SUPPLY SPECIAL	EACH	1

FILE NAME =	USER NAME = plascencia	DESIGNED - IP	REVISED -
#FILEABBREV#		DRAWN - IP	REVISED -
	PLOT SCALE = 20,0000' / 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  
 IL RTE 47 AND RUSSELL CT

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	2011-208-TS	MCHENRY	57	36
				CONTRACT NO. 60R37

SCALE: 1" = SHEET NO. OF SHEETS STA. TO STA.