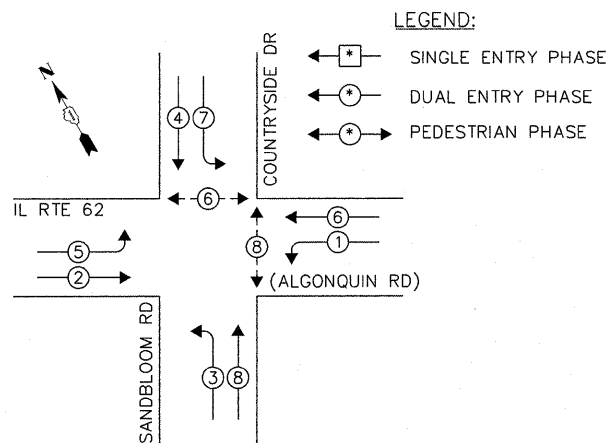
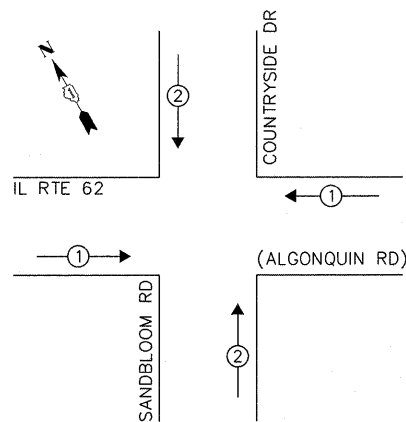


CONTROLLER SEQUENCE



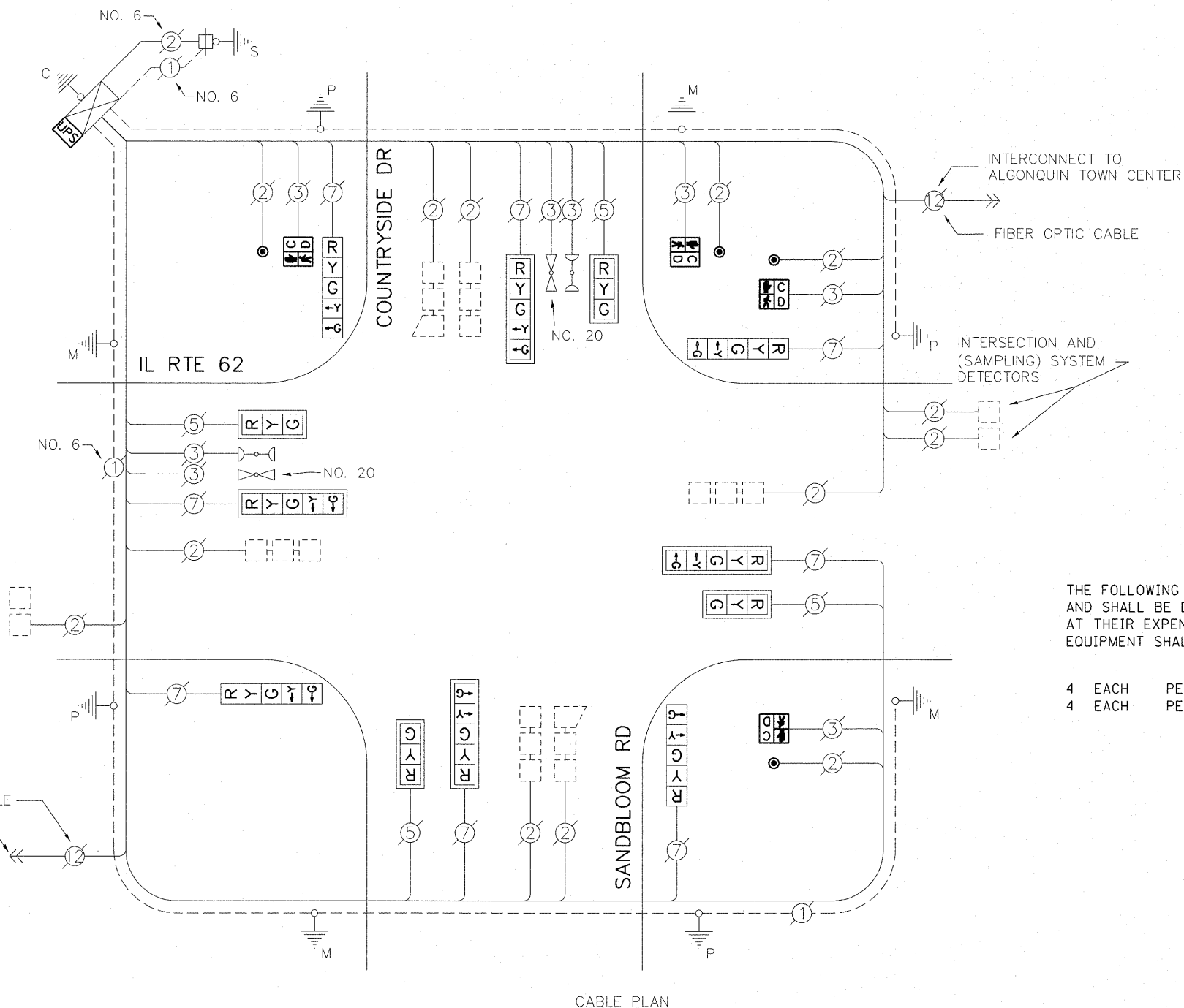
PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE



EXISTING EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	1	2
MOVEMENT	←	→

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.

- 4 EACH PEDESTRIAN SIGNAL HEAD
- 4 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	16		12	0.10	19.20
PED. SIGNAL	4		25	1.00	100.00
CONTROLLER	1		100	1.00	100.00
ILLUM. SIGN	-		25	0.05	-
VIDEO SYSTEM	-		-	1.00	-
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL = 441.20

VILLAGE OF ALGONQUIN  
2200 HARNISH DRIVE  
ALGONQUIN, IL 60102  
ENERGY SUPPLY: CONTACT: MIKE LENOX  
PHONE: (815) 490-2869  
COMPANY: COMMONWEALTH EDISON

FILE NAME =	USER NAME = plascencia	DESIGNED - IP	REVISED -
#FILEABBREV#		DRAWN - IP	REVISED -
	PLOT SCALE = 20.0000' / in.	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 62 (ALGONQUIN RD) AND SANDBLOOM RD /COUNTRYSIDE DR				
SCALE: 1" =	SHEET NO.	OF	SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	2011-208-TS	McHENRY	57	39
CONTRACT NO. 60R37			ILLINOIS	

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	4
PEDESTRIAN PUSH-BUTTON	EACH	4
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAM, RETROFIT	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAM, RETROFIT	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BM, RETROFIT	EACH	4
UNINTERRUPTIBLE POWER SUPPLY SPECIAL	EACH	1