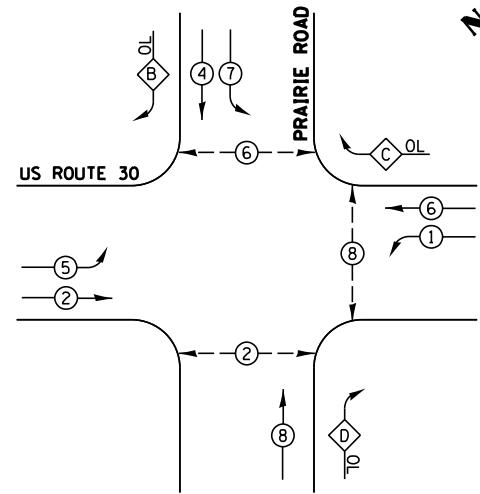


**EXISTING CONTROLLER SEQUENCE**



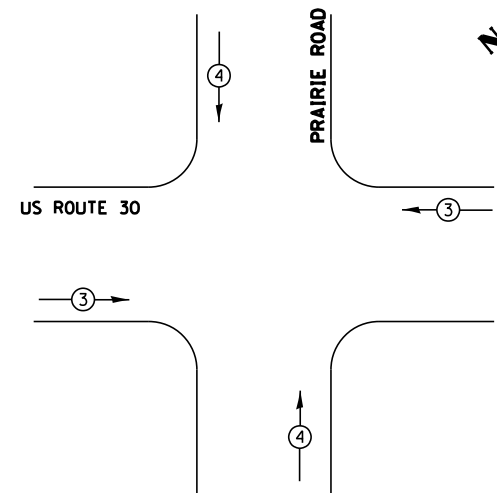
- LEGEND**
- ⊙ DUAL ENTRY PHASE
  - ⊠ SINGLE ENTRY PHASE
  - ⊠ OL OVERLAP
  - ⊠ PEDESTRAIN PHASE
  - \* NUMBER REFERS TO ASSOCIATED PHASE

**RIGHT TURN OVERLAP PHASE DESIGNATION**

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
B	= 4	+ 5
C	= 6	+ 7
D	= 8	+ 1

**PHASE DESIGNATION DIAGRAM**

**EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE**

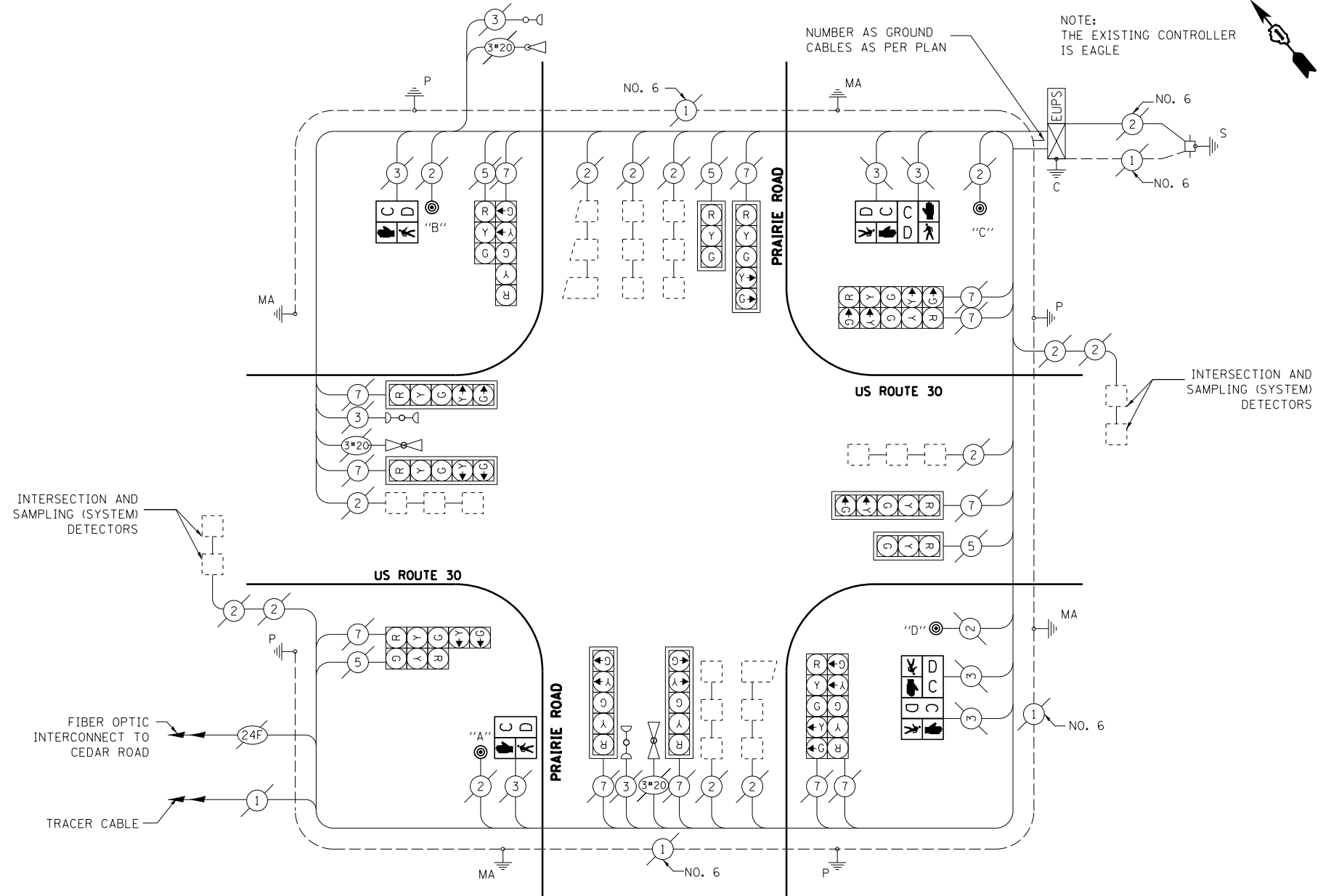


EXISTING EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	→	↑

**SCHEDULE OF QUANTITIES**

QTY	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
1	EACH	MODIFY EXISTING CONTROLLER CABINET
4	EACH	PEDESTRIAN PUSH-BUTTON, NON-LATCHING
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

**CABLE PLAN**



- NOTES:
- PUSH BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4
  - PUSH BUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6
  - PUSH BUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8
  - PUSH BUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 8

**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 PEDESTRIAN SIGNAL HEAD, 2 FACE
- 2 EACH PEDESTRIAN SIGNAL HEAD, 1 FACE
- 4 EACH PEDESTRIAN PUSH BUTTON

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE INCAND. LED	% OPERATION	
SIGNAL (RED)	16	17	0.50	136.0
(YELLOW)	16	25	0.25	100.0
(GREEN)	16	15	0.25	60.0
ARROW	24	12	0.10	30.0
PED. SIGNAL	6	25	1.00	150.0
CONTROLLER	1	100	1.00	100.0
ILLUM. SIGN	-	25	0.05	
VIDEO SYSTEM	-	150	1.00	
FLASHER			0.50	
ENERGY COSTS TO:				TOTAL = 576.0

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAY/DISTRICT 1  
 201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096  
 ENERGY SUPPLY: CONTACT: LOU NUNEZ  
 PHONE: 815-724-5606  
 COMPANY: COM ED

FILE NAME =	USER NAME = rosadovazquez	DESIGNED -	REVISED -
ca:\pwork\pwork\rosadovazquez\0336778\0121713-sh-t-TS.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/28/2013	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

US ROUTE 30 AT PRAIRIE ROAD  
 SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM  
 AND EMERGENCY VEHICLE PREEMPTION SEQUENCE  
 SCALE: NTS SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2013-004-1	WILL	58	40
			CONTRACT NO. 60W22	
ILLINOIS FED. AID PROJECT				

NEW LENOX TS#7437