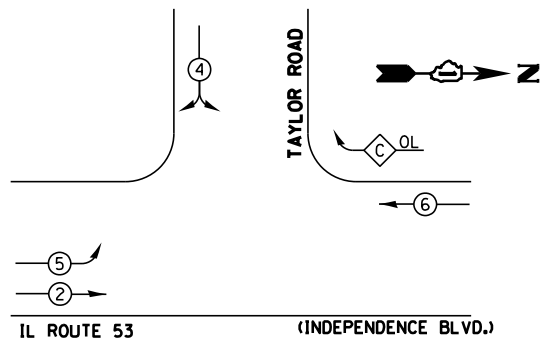


**EXISTING CONTROLLER SEQUENCE**



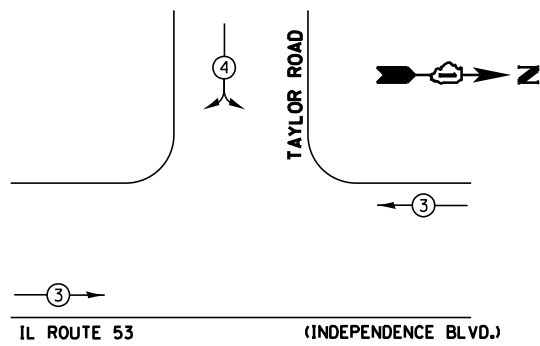
- LEGEND**
- ⊙ DUAL ENTRY PHASE
  - ⊛ SINGLE ENTRY PHASE
  - ⊙ OL OVERLAP
  - ⊙ PEDESTRIAN PHASE
  - \* NUMBER REFERS TO ASSOCIATED PHASE

**RIGHT TURN OVERLAP PHASE DESIGNATION**

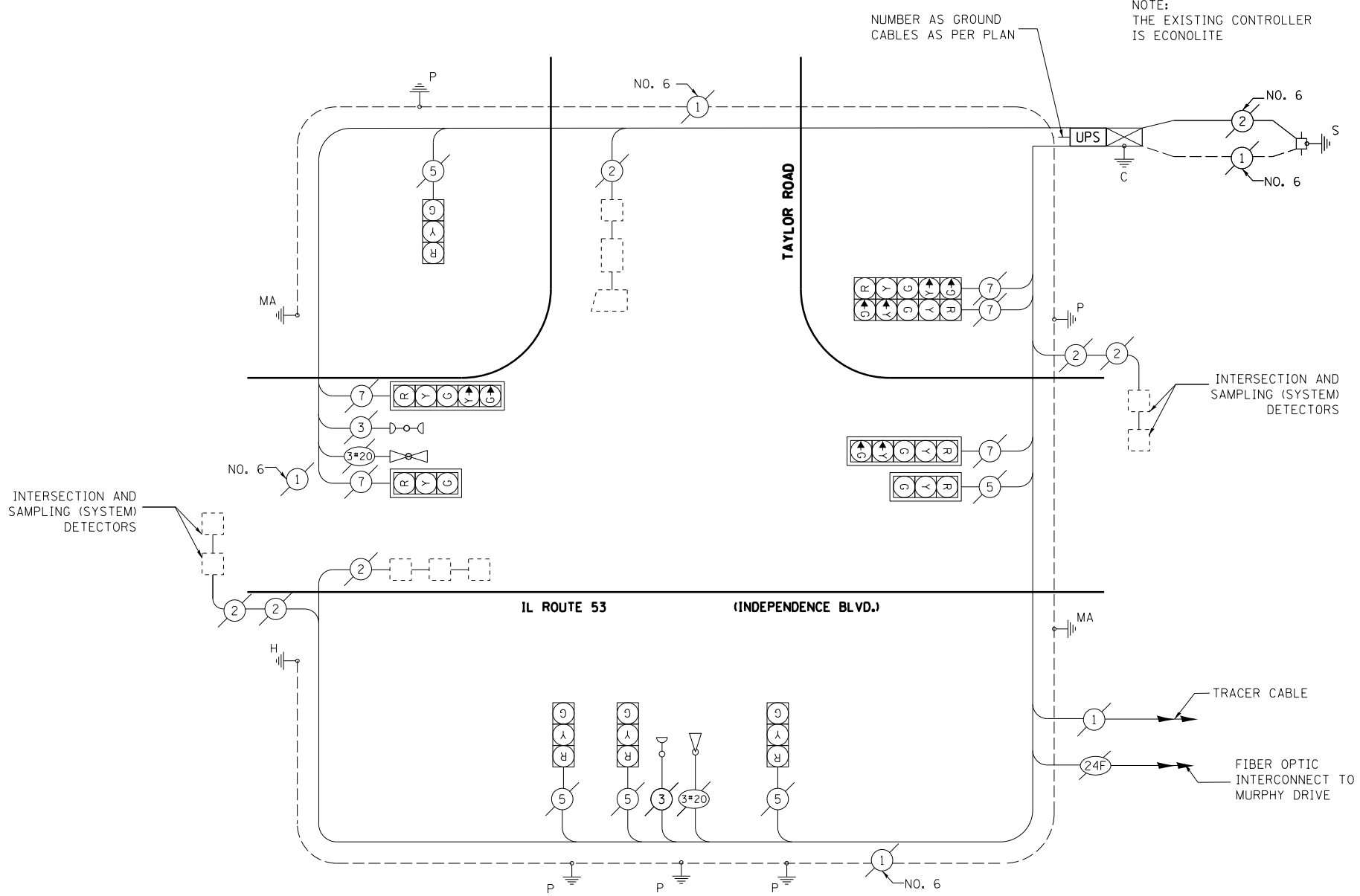
OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
C	= 6	+ 4

**PHASE DESIGNATION DIAGRAM**

**EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE**



EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↔	↗



**CABLE PLAN**

**SCHEDULE OF QUANTITIES**

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

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE INCAND.	LED	% OPERATION	
SIGNAL (RED)	10		17	0.50	85.0
(YELLOW)	10		25	0.25	62.5
(GREEN)	10		15	0.25	37.5
ARROW	8		12	0.10	9.6
PED. SIGNAL	-		25	1.00	
CONTROLLER	1		100	1.00	100.0
ILLUM. SIGN	-		25	0.05	
VIDEO SYSTEM	-		150	1.00	
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL = 294.6

**ILLINOIS DEPARTMENT OF TRANSPORTATION**  
 DIVISION OF HIGHWAY/DISTRICT 1  
 201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096  
 ENERGY SUPPLY: CONTACT: \_\_\_\_\_  
 PHONE: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_

FILE NAME =	USER NAME = rosadovazquezzy	DESIGNED -	REVISED -
ca:\pwwork\pwwork\rosadovazquezzy\d0336778\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**

**IL ROUTE 53 (INDEPENDENCE BLVD) AT TAYLOR 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	54
CONTRACT NO. 60W22			ILLINOIS FED. AID PROJECT	

ROMEOVILLE TS#9130