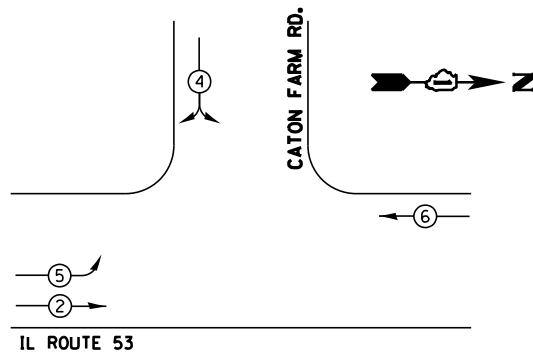


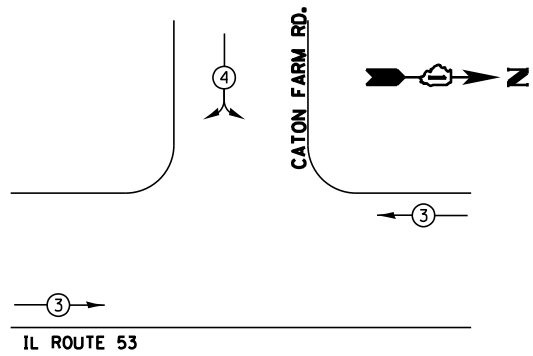
**EXISTING CONTROLLER SEQUENCE**



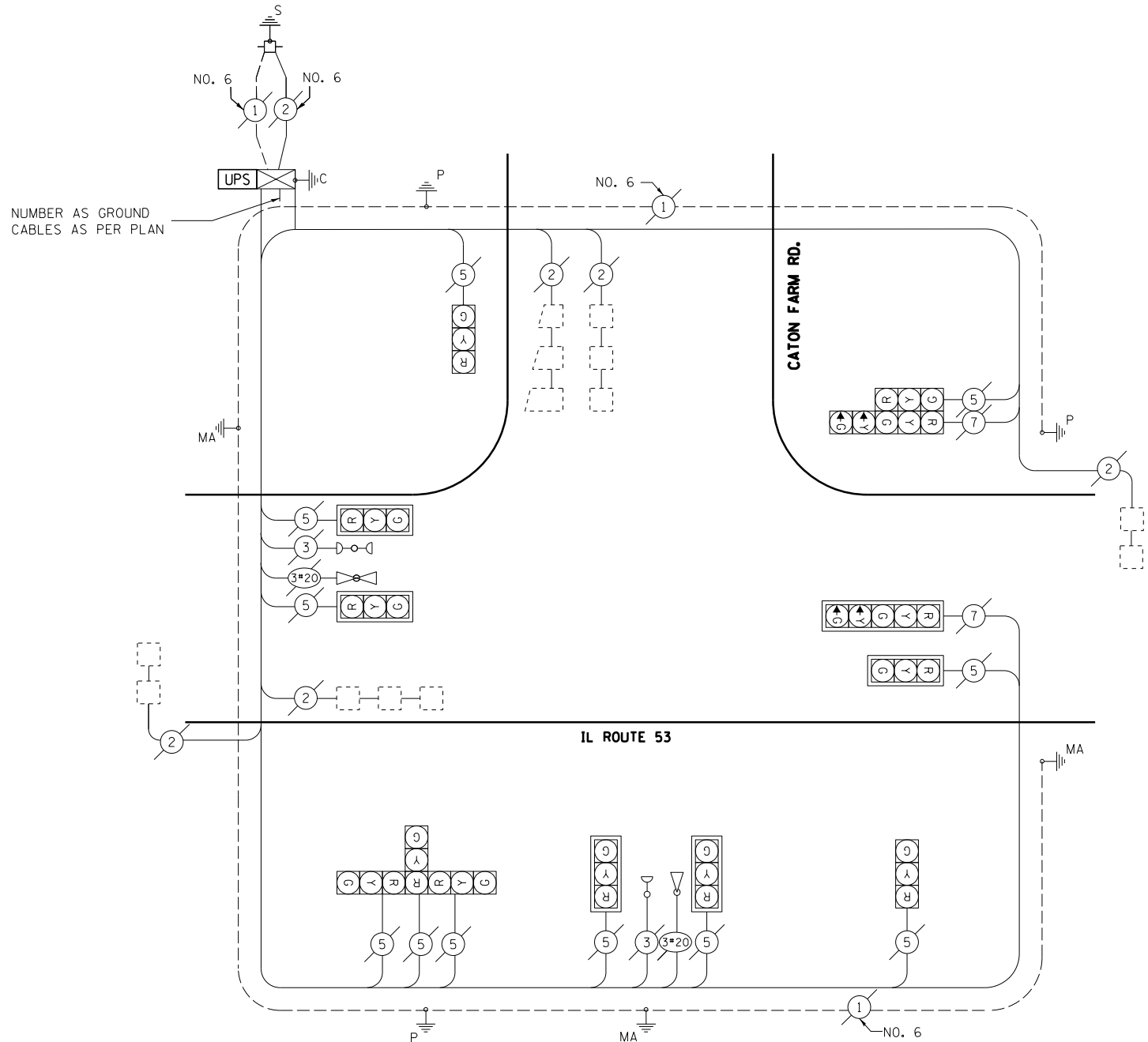
- LEGEND**
- ⊙ → DUAL ENTRY PHASE
  - ⊠ → SINGLE ENTRY PHASE
  - ⊙ OL → OVERLAP
  - ⊙ → PEDESTRAIN PHASE
  - \* → NUMBER REFERS TO ASSOCIATED PHASE

**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)	13	17	0.50	110.5
(YELLOW)	13	25	0.25	81.2
(GREEN)	13	15	0.25	48.7
ARROW	4	12	0.10	4.8
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 = 345.2

**ILLINOIS DEPARTMENT OF TRANSPORTATION**  
 DIVISION OF HIGHWAY/DISTRICT 1  
 201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096  
 ENERGY SUPPLY: CONTACT: JIM ORELUK  
 PHONE: 815-724-5656  
 COMPANY: COM ED

FILE NAME =	USER NAME = rosadovazquezzy	DESIGNED -	REVISED -
ca:\pwork\pwork\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 AT CATON FARM 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	22
			CONTRACT NO. 60W22	
ILLINOIS FED. AID PROJECT				

CRESTHILL TS#20561