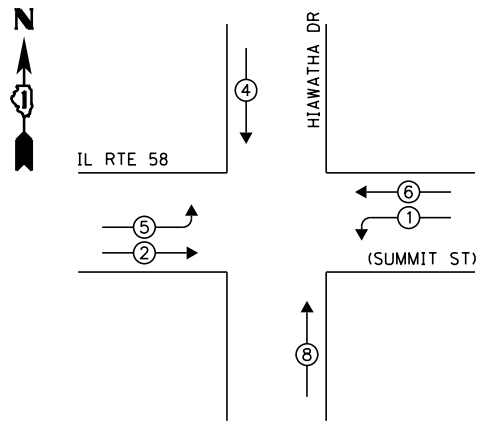


**EXISTING CONTROLLER SEQUENCE**

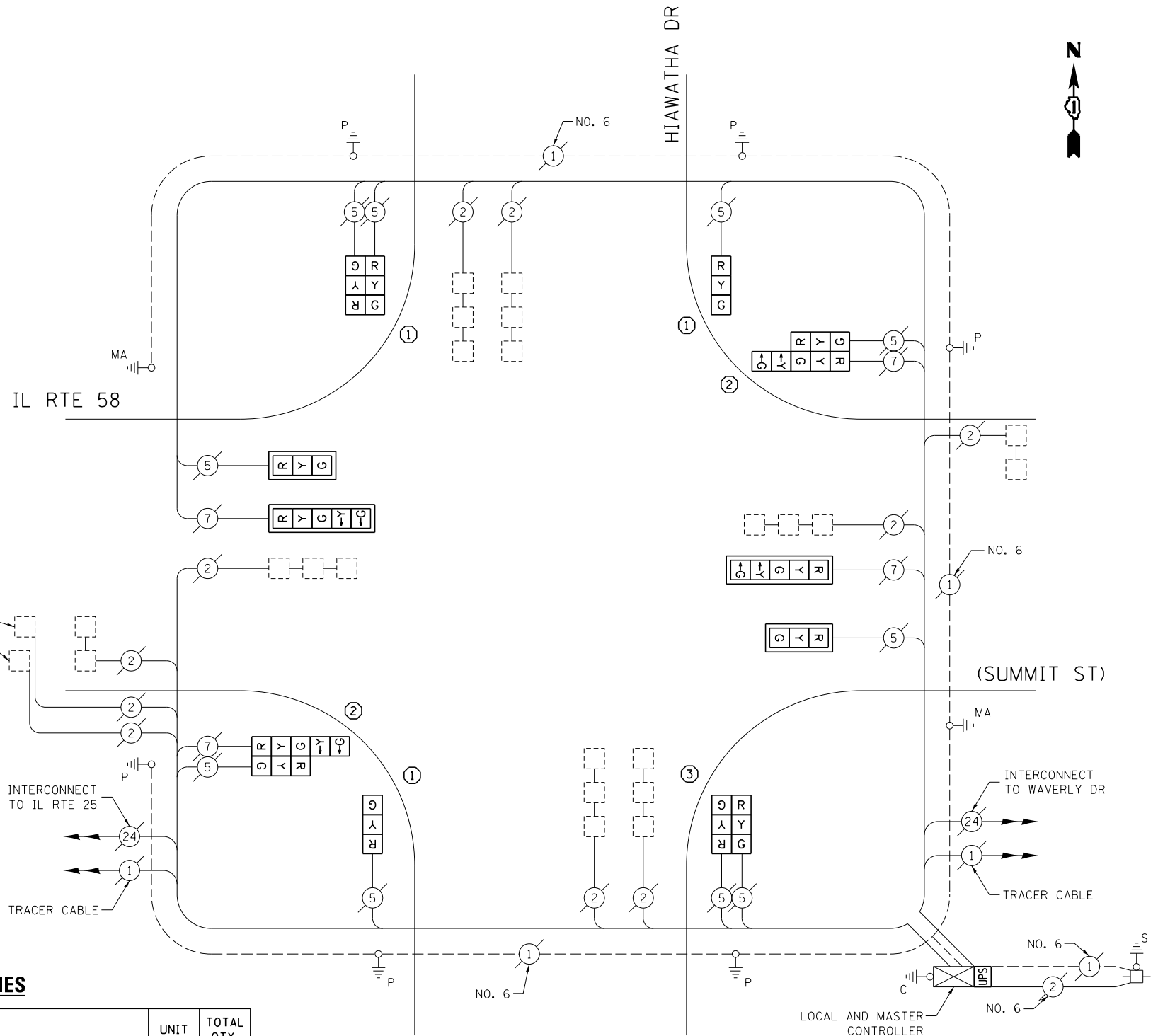


**EXISTING PHASE DESIGNATION DIAGRAM**

**LEGEND:**

- ◀◻ SINGLE ENTRY PHASE
- ◀◉ DUAL ENTRY PHASE
- ◀◉ PEDESTRIAN PHASE
- ◀◉ OVERLAP

- ① REPLACE 14 FT PAINTED POST. RE-USE EXISTING FOUNDATION.
- ② REPLACE 16 FT PAINTED POST. RE-USE EXISTING FOUNDATION.
- ③ REPLACE 18 FT PAINTED POST. RE-USE EXISTING FOUNDATION.



**CABLE PLAN**

(NOT TO SCALE)

**SCHEDULE OF QUANTITIES**

ITEM DESCRIPTION	UNIT	TOTAL QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	3
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2
TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	2
SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	2
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	4
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
REMOVE AND REPLACE ANCHOR BOLTS	EACH	3

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.

6	EACH	TRAFFIC SIGNAL POST
10	EACH	3-SECTION SIGNAL HEAD
4	EACH	5-SECTION SIGNAL HEAD
4	EACH	TRAFFIC SIGNAL BACKPLATE

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				TOTAL WATTAGE	
TYPE	NO. OF LAMPS	WATTAGE			
		INCAND.	LED		
SIGNAL (RED)	14		17	0.50	119.0
(YELLOW)	14		25	0.25	87.5
(GREEN)	14		15	0.25	52.5
ARROW	8		12	0.10	9.6
PED. SIGNAL	-		25	1.00	-
CONTROLLER	2		100	1.00	200.0
ILLUM. SIGN	-		25	0.05	-
VIDEO SYSTEM	-		150	1.00	-
FLASHER				0.50	
ENERGY COSTS TO:			TOTAL =		468.6

CITY OF ELGIN  
150 DEXTER COURT  
ELGIN, IL 60120

ENERGY SUPPLY: CONTACT: JOE STACHO  
PHONE: (630) 424-5704  
COMPANY: COMMONWEALTH EDISON

FILE NAME =	USER NAME = pocitech1	DESIGNED -	IP	REVISED -	
es:\pwork\work\pocitech1\08381174\012314-sh-t-ts5.dgn		DRAWN -	IP	REVISED -	
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	AW / LP	REVISED -	
	PLOT DATE = 5/16/2014	DATE -	5/15/2014	REVISED -	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND SCHEDULE OF QUANTITIES IL RTE 58 (SUMMIT) AT HIAWATHA DR			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
--	2014-008T5	COOK	81	25
CONTRACT NO. 60X83				
ILLINOIS FED. AID PROJECT				

TS 13285