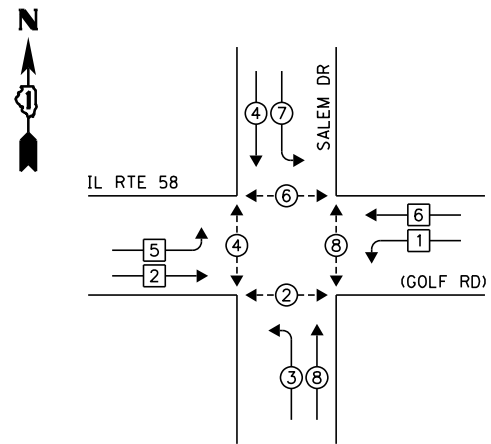


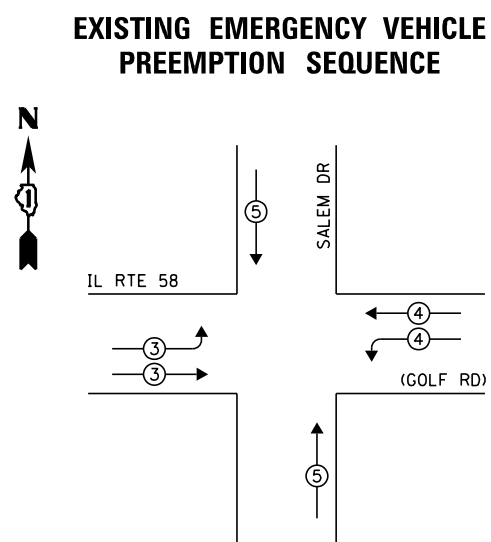
**EXISTING CONTROLLER SEQUENCE**



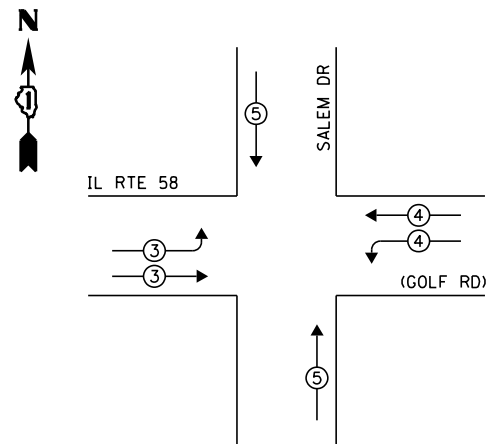
**LEGEND:**

- ◀\* SINGLE ENTRY PHASE
- ◀• DUAL ENTRY PHASE
- ◀• PEDESTRIAN PHASE
- ◀• OL OVERLAP

**EXISTING PHASE DESIGNATION DIAGRAM**

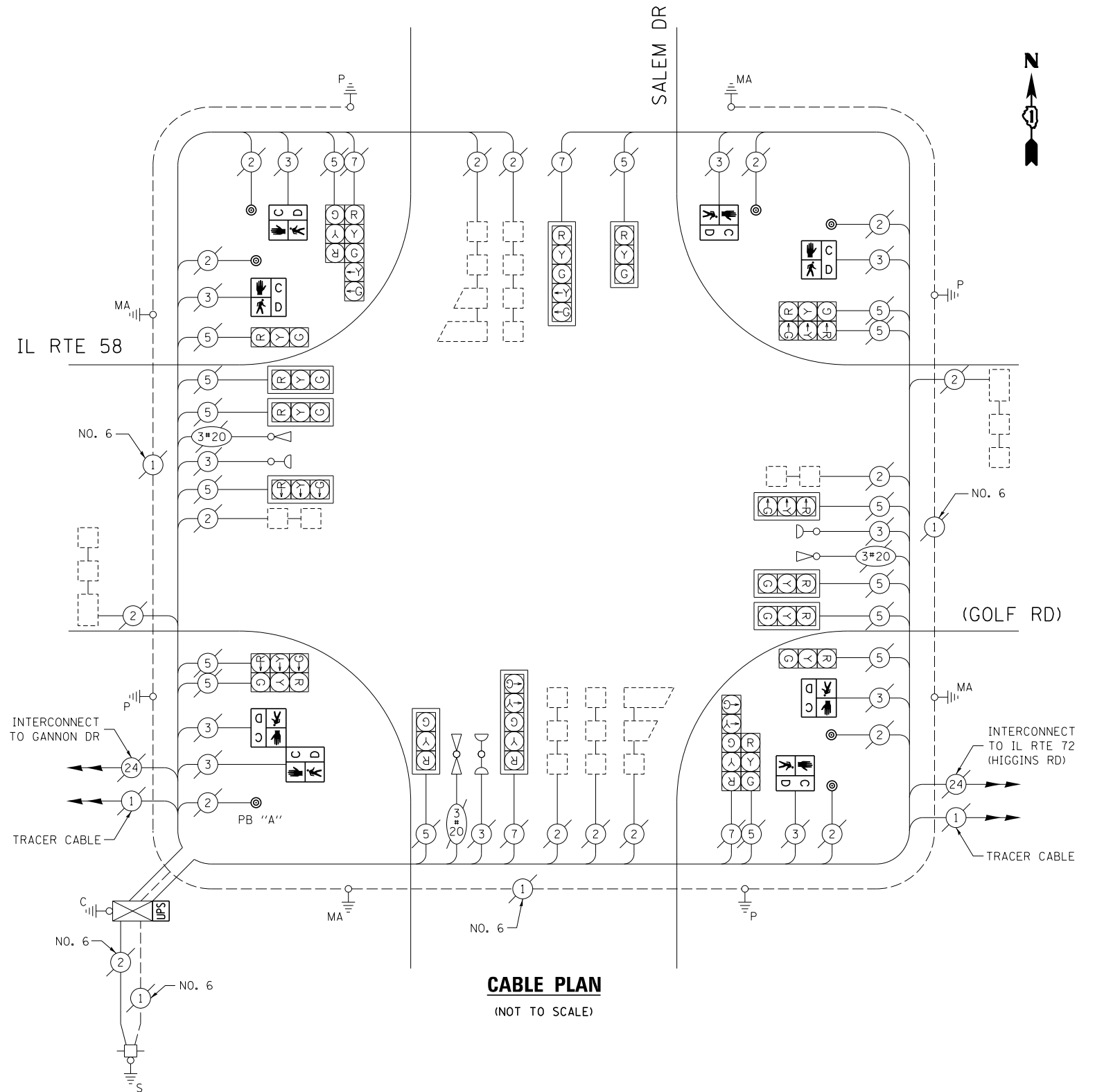


**EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE**



NOTE:  
PUSH BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4

EXISTING EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	
MOVEMENT	≡	≡	≡	



**CABLE PLAN**  
(NOT TO SCALE)

**SCHEDULE OF QUANTITIES**

ITEM DESCRIPTION	UNIT	TOTAL QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED W/ COUNTDOWN TIMER	EACH	6
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED W/ COUNTDOWN TIMER	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
PEDESTRIAN PUSH-BUTTON, NON-LATCHING	EACH	7

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.

- 8 EACH PEDESTRIAN SIGNAL HEAD
- 7 EACH PEDESTRIAN PUSH-BUTTON

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE		% OPERATION	
SIGNAL (RED)	20	INCAND.	LED	0.50	170.0
(YELLOW)	20			0.25	125.0
(GREEN)	20			0.25	75.0
ARROW	8			0.10	9.6
PED. SIGNAL	8			1.00	200.0
CONTROLLER	1			1.00	100.0
ILLUM. SIGN	-			0.05	-
VIDEO SYSTEM	-			1.00	-
FLASHER				0.50	
ENERGY COSTS TO:	TOTAL =				679.6

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAY/DISTRICT 1  
201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096  
ENERGY SUPPLY: CONTACT: DAVE SCHACHT  
PHONE: (630) 437-2129  
COMPANY: COMMONWEALTH EDISON

FILE NAME =	USER NAME = poc1echal	DESIGNED - IP	REVISED -
es:\pwwork\p1dot\poc1echal\100381174\1012314-sh-t-ts2.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, EMERGENCY VEHICLE PREEMPTION SEQUENCE, AND SCHEDULE OF QUANTITIES  
IL RTE 58 (GOLF RD) AT SALEM DR

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
--	2014-008T5	COOK	81	56
CONTRACT NO. 60X83				
ILLINOIS FED. AID PROJECT				

TS 2795