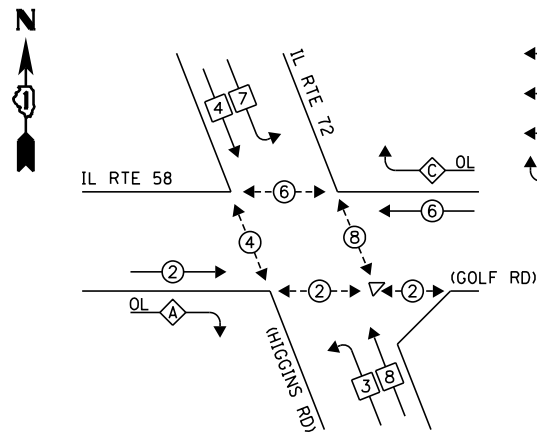


**EXISTING CONTROLLER SEQUENCE**



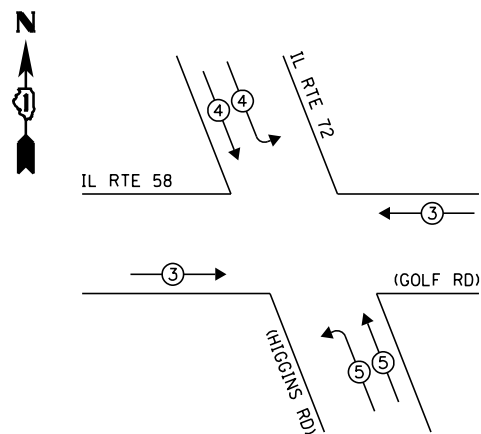
**LEGEND:**

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

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2	+ 3
C	= 6	+ 7

**EXISTING PHASE DESIGNATION DIAGRAM**

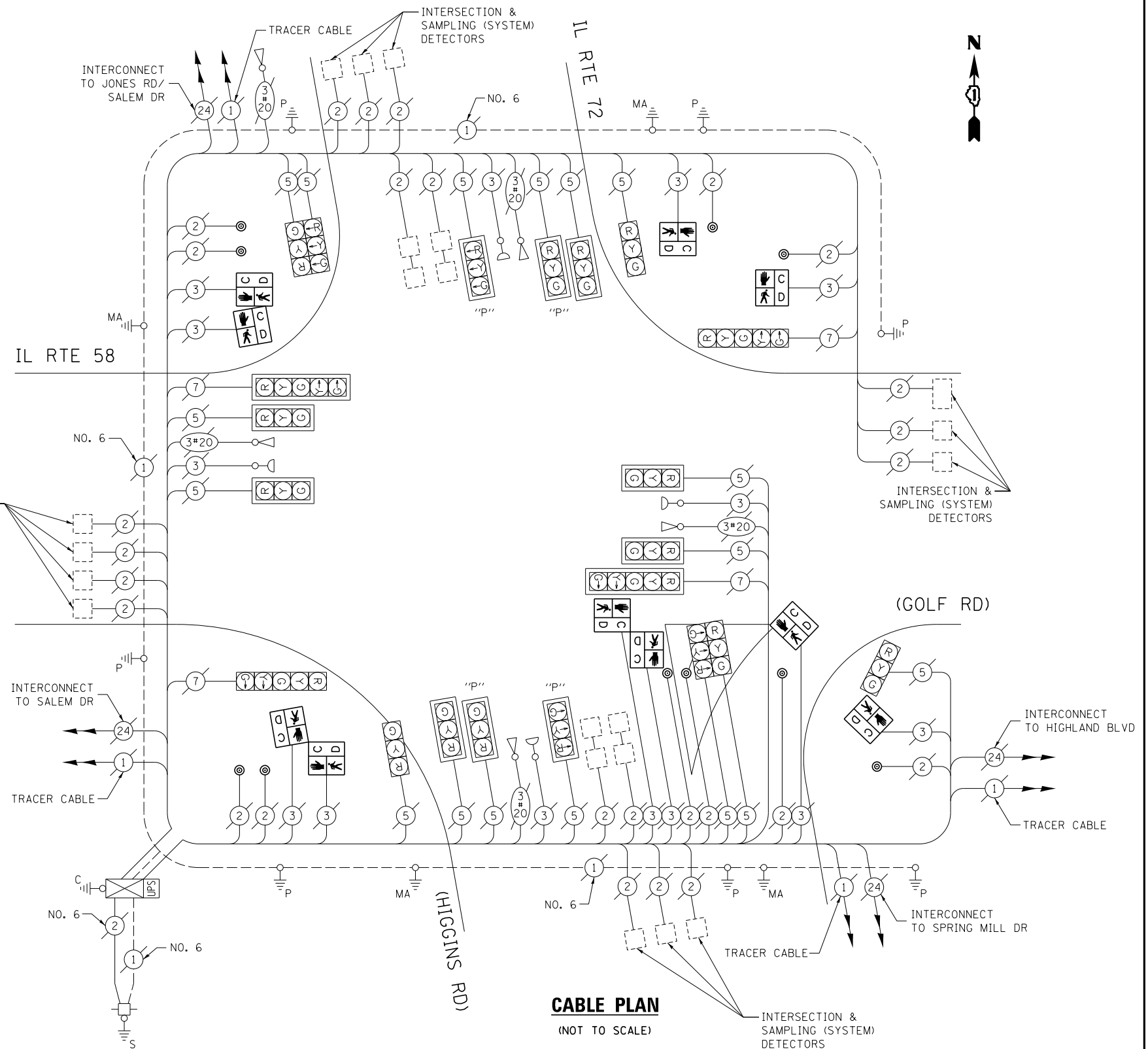
**EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE**



EXISTING EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	=	IL	71

**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	4
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED W/ COUNTDOWN TIMER	EACH	3
PEDESTRIAN PUSH-BUTTON	EACH	10
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1



**CABLE PLAN**

(NOT TO SCALE)

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.

10	EACH	PEDESTRIAN SIGNAL HEAD
10	EACH	PEDESTRIAN PUSH-BUTTON

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE		% OPERATION	
SIGNAL (RED)	21	INCAND.	17	0.50	178.5
(YELLOW)	21		25	0.25	131.25
(GREEN)	21		15	0.25	78.75
ARROW	8		12	0.10	9.6
PED. SIGNAL	10		25	1.00	250.0
CONTROLLER	1		100	1.00	100.0
ILLUM. SIGN	-		25	0.05	-
VIDEO SYSTEM	-		150	1.00	-
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL = 748.1

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:\pwork\poc1echal\0381174\012314-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 IL RTE 72 (HIGGINS RD)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
--	2014-008T5	COOK	81	57
CONTRACT NO. 60X83				
ILLINOIS FED. AID PROJECT				

TS 2710