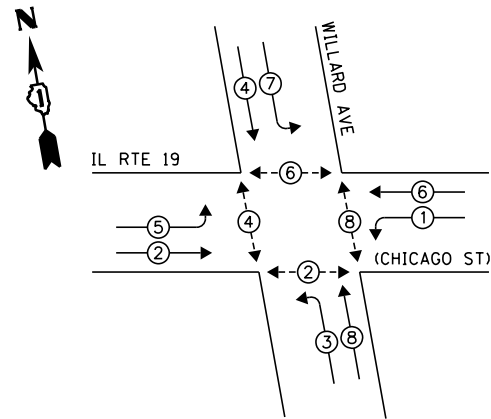


EXISTING CONTROLLER SEQUENCE



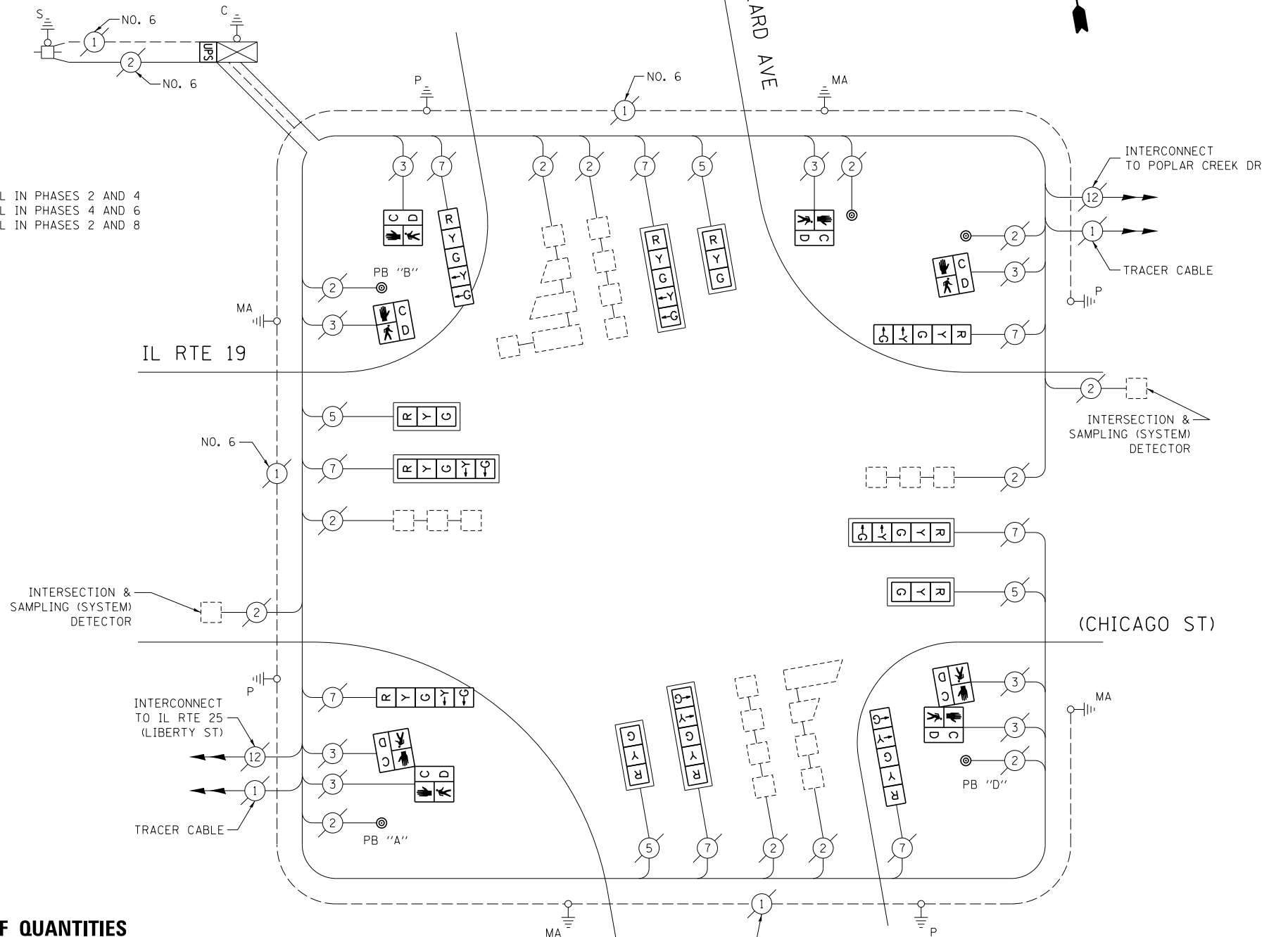
EXISTING PHASE DESIGNATION DIAGRAM

LEGEND:

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

RETROFIT ALL EXISTING TRAFFIC SIGNAL HEADS TO L.E.D.

NOTE:
 PUSH BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4
 PUSH BUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6
 PUSH BUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 8



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.

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

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE		% OPERATION	
SIGNAL (RED)	12	INCAND.	17	0.50	102.0
(YELLOW)	12		25	0.25	75.0
(GREEN)	12		15	0.25	45.0
ARROW	16		12	0.10	19.2
PED. SIGNAL	8		25	1.00	200.0
CONTROLLER	1		100	1.00	100.0
ILLUM. SIGN	-		25	0.05	-
VIDEO SYSTEM	-		150	1.00	-
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	541.2

CITY OF ELGIN
 150 DEXTER COURT
 ELGIN, IL 60120
 ENERGY SUPPLY: CONTACT: JOE STACHO
 PHONE: (630) 424-5704
 COMPANY: COMMONWEALTH EDISON

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	2
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, RETROFIT	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED, RETROFIT	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED, RETROFIT	EACH	4
PEDESTRIAN PUSH-BUTTON, NON-LATCHING	EACH	5

FILE NAME =	USER NAME = pocitech1	DESIGNED - IP	REVISED -
et:\pw_work\p1dot\pocitech1\d0381174\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 19 (CHICAGO ST) AT WILLARD AVE			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
--	2014-008T5	COOK	81	21
CONTRACT NO. 60X83				
ILLINOIS FED. AID PROJECT				

TS 13440