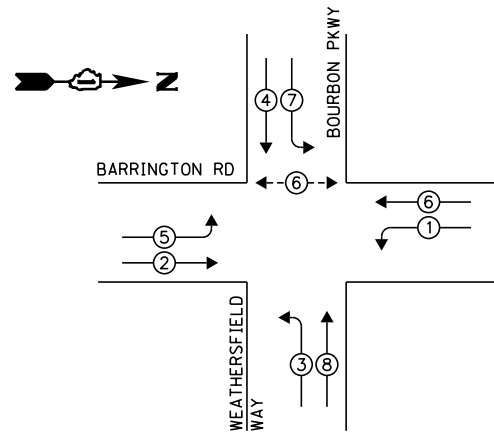


EXISTING CONTROLLER SEQUENCE



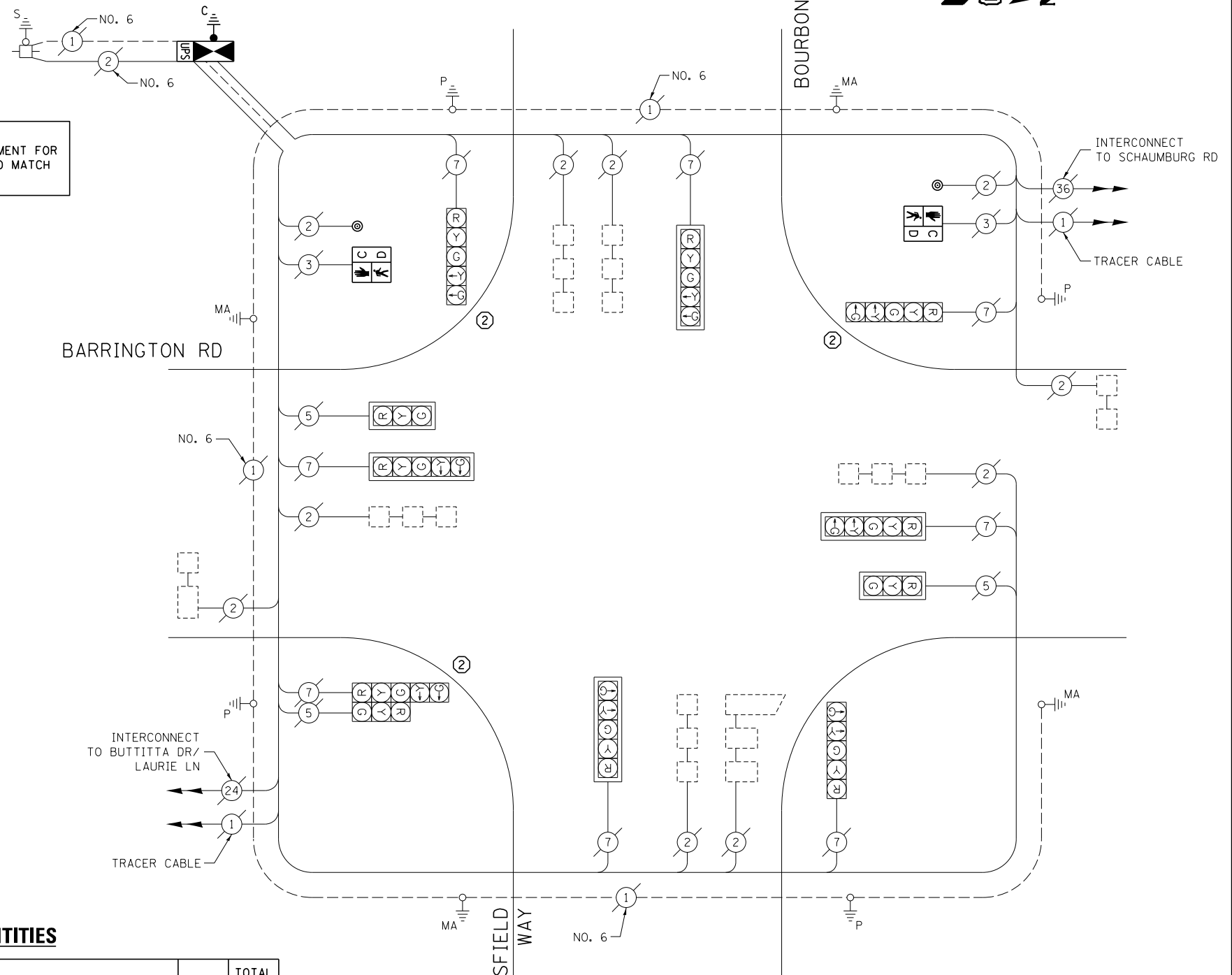
EXISTING PHASE DESIGNATION DIAGRAM

LEGEND:

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

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

② REPLACE 16 FT PAINTED POST. RE-USE EXISTING FOUNDATION.



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.

- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 3 EACH TRAFFIC SIGNAL POST
- 2 EACH PEDESTRIAN SIGNAL HEAD
- 2 EACH PEDESTRIAN PUSH-BUTTON

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	TOTAL QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED W/ COUNTDOWN TIMER	EACH	2
INDUCTIVE LOOP DETECTOR	EACH	8
PEDESTRIAN PUSH-BUTTON	EACH	2
RELOCATE EXISTING SIGNAL HEAD	EACH	4
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
REMOVE AND REPLACE ANCHOR BOLTS	EACH	2

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE		% OPERATION	
SIGNAL (RED)	11	INCAND.	17	0.50	93.5
(YELLOW)	11		25	0.25	68.75
(GREEN)	11		15	0.25	41.25
ARROW	16		12	0.10	19.2
PED. SIGNAL	2		25	1.00	50.0
CONTROLLER	1		100	1.00	100.0
ILLUM. SIGN	-		25	0.05	-
VIDEO SYSTEM	-		150	1.00	-
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL = 372.7

VILLAGE OF SCHAUMBURG
101 SCHAUMBURG COURT
SCHAUMBURG, IL 60193

ENERGY SUPPLY: CONTACT: DAVE SCHACHT
PHONE: (630) 437-2129
COMPANY: COMMONWEALTH EDISON

FILE NAME =	USER NAME = poc1echn1	DESIGNED - IP	REVISED -
es:\pw\work\p1dot\poc1echn1\d0381174\012314-sh-t-ts2.dgn		DRAWN - IP	REVISED -
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	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**
BARRINGTON RD AT BOURBON PKWY / WEATHERSFIELD WAY

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
--	2014-008T5	COOK	81	50
CONTRACT NO. 60X83				
ILLINOIS FED. AID PROJECT				

TS 4165