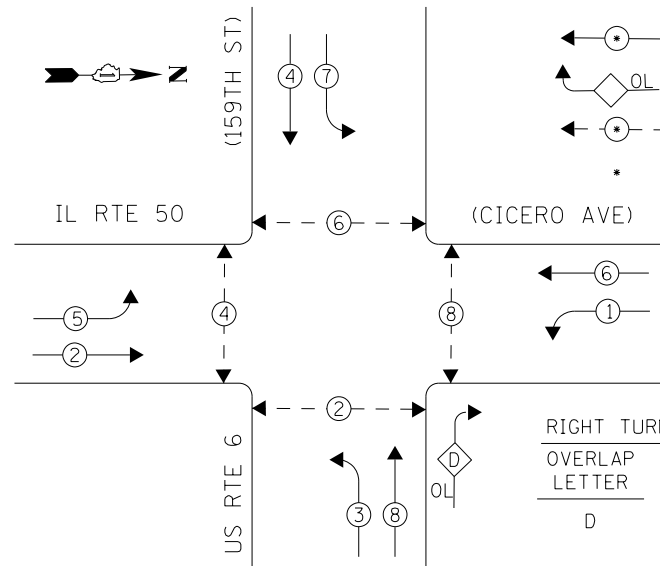


EXISTING CONTROLLER SEQUENCE

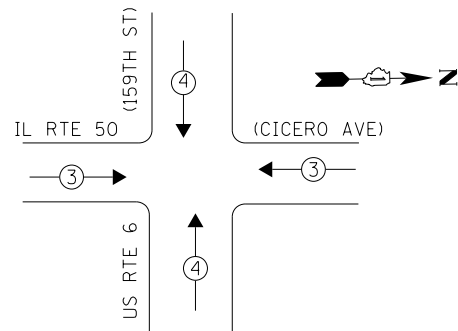


- LEGEND**
- DUAL ENTRY PHASE
 - OVERLAP
 - PEDESTRIAN PHASE
 - *** NUMBER REFERS TO ASSOCIATED PHASE

RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
D	= 8	+ 1

PHASE DESIGNATION DIAGRAM



EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↓ ↑

I. D. O. T.
TRAFFIC SIGNAL INSTALLATION
ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	%OPERATION	TOTAL WATTAGE
SIGNAL (RED)	13	-	17	0.50	110.50
(YELLOW)	13	-	25	0.25	81.25
(GREEN)	13	-	15	0.25	48.75
ARROW	20	-	12	0.10	24.00
PED. SIGNAL	8	-	25	1.00	200.00
CONTROLLER	1	100	-	1.00	100.00
ILLUM. SIGN	-	-	25	0.05	-
VIDEO SYSTEM	-	150	-	1.00	-
BATTERY BACKUP	1	25	-	1.00	25.00
LUMINAIRE	-	250	-	0.50	-
FLASHER	-	-	25	0.50	-
TOTAL =				589.50	

ENERGY COSTS- **BILLED TO: IDOT DISTRICT 1**
201 WEST CENTER COURT
SCHAUMBURG, IL 60196-1096

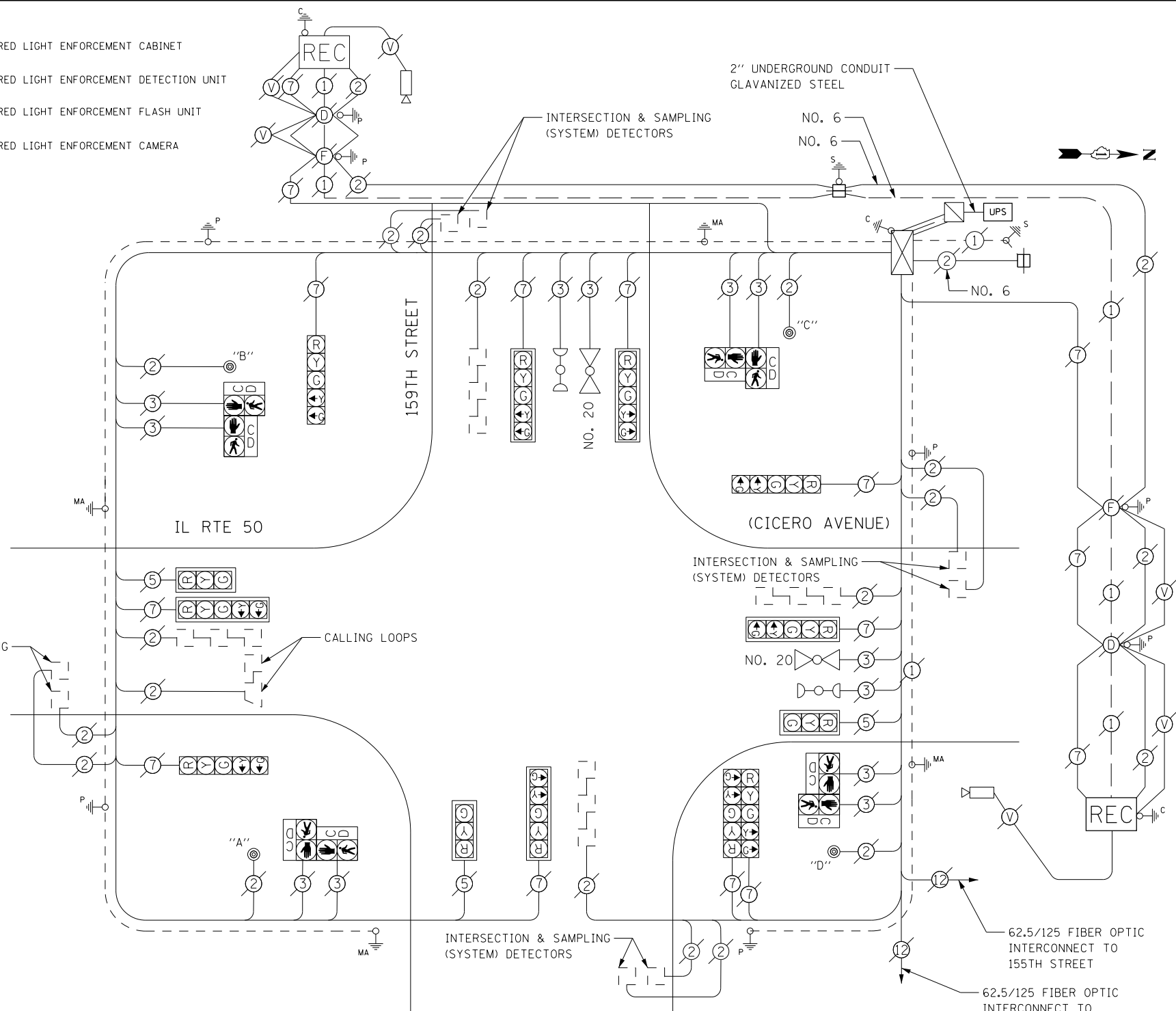
ENERGY SUPPLY- **CONTACT BRAD SHINABARGAR**
PHONE 708-325-2692
COMMONWEALTH EDISON

THE UPS SHALL BE INSTALLED NEXT TO THE EXISTING CONTROLLER CABINET USING HELICAL GROUND ANCHORS DUE TO THE PHYSICAL CONSTRAINTS OR AS DIRECTED BY THE ENGINEER. THIS WORK, CONDUIT, AND ELECTRICAL CABLE NEEDED TO PROPERLY INSTALL THE UPS SHALL BE INCLUDED IN THE PAY ITEM 1/32 UNINTERRUPTABLE POWER SUPPLY, GROUND MOUNTED.

SCHEDULE OF QUANTITIES

Items	Unit	Quantity
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
UNINTERRUPTABLE POWER SUPPLY, GROUND MOUNTED	EACH	1

- RED LIGHT ENFORCEMENT CABINET
- RED LIGHT ENFORCEMENT DETECTION UNIT
- RED LIGHT ENFORCEMENT FLASH UNIT
- RED LIGHT ENFORCEMENT CAMERA



CABLE PLAN

PUSHBUTTON NOTES:

- PUSHBUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4
- PUSHBUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6
- PUSHBUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8
- PUSHBUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 8

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

TS 170
OAK FOREST

FILE NAME = D:\60X65-sht-TS170.dgn	USER NAME = SE3	DESIGNED - PHL	REVISED -
Default	PLOT SCALE = 40.0000' / in.	DRAWN - PHL	REVISED -
	PLOT DATE = 2/4/2014	CHECKED - BKS	REVISED -
		DATE - \$SUBDATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 50 (CICERO AVE)/US RTE 6 (159TH ST) - CABLE PLAN
SCHEDULE OF QUANTITIES, PHASE DESIG. DIAGRAM & EVP SEQUENCE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2013-076TS	COOK	65	17
				CONTRACT NO. 60X65
ILLINOIS FED. AID PROJECT				