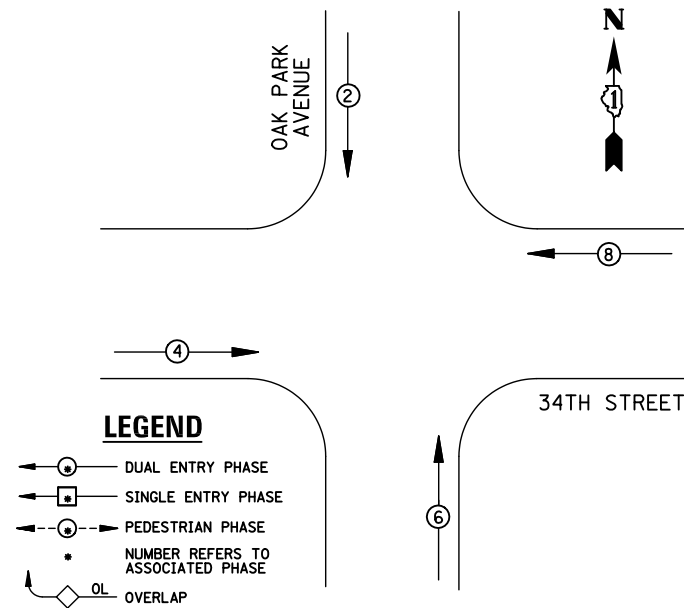


EXISTING AND PROPOSED CONTROLLER SEQUENCE



LEGEND

- ⊙ DUAL ENTRY PHASE
- ⊠ SINGLE ENTRY PHASE
- ⊙ PEDESTRIAN PHASE
- NUMBER REFERS TO ASSOCIATED PHASE
- OL OVERLAP

EXISTING AND PROPOSED PHASE DESIGNATION DIAGRAM

REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

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.

- 4 EACH TRAFFIC SIGNAL POST
- 12 EACH SIGNAL HEAD, 3-SECTION
- 1 EACH CONTROLLER

CONSTRUCTION NOTE:

THE UPS SHALL BE INSTALLED IN A SEPARATE TYPE "A" FOUNDATION DUE TO THE PHYSICAL CONSTRAINTS, OR AS DIRECTED BY THE ENGINEER. THIS WORK AND ALL CONDUIT AND ELECTRIC CABLE NEEDED TO PROPERLY INSTALL THE UPS SHALL BE INCLUDED IN THE PAY ITEM "UNINTERRUPTABLE POWER SUPPLY, GROUND MOUNTED".

SCHEDULE OF QUANTITIES

ITEM

- MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
- TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.
- SIGNAL HEAD, LED, 3-FACE, 3-SECTION, BRACKET MOUNTED
- MODIFY EXISTING CONTROLLER CABINET
- REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
- FULL-ACTUATED CONTROLLER IN EXISTING CABINET
- UNINTERRUPTABLE POWER SUPPLY, GROUND MOUNTED

UNIT QUANTITY

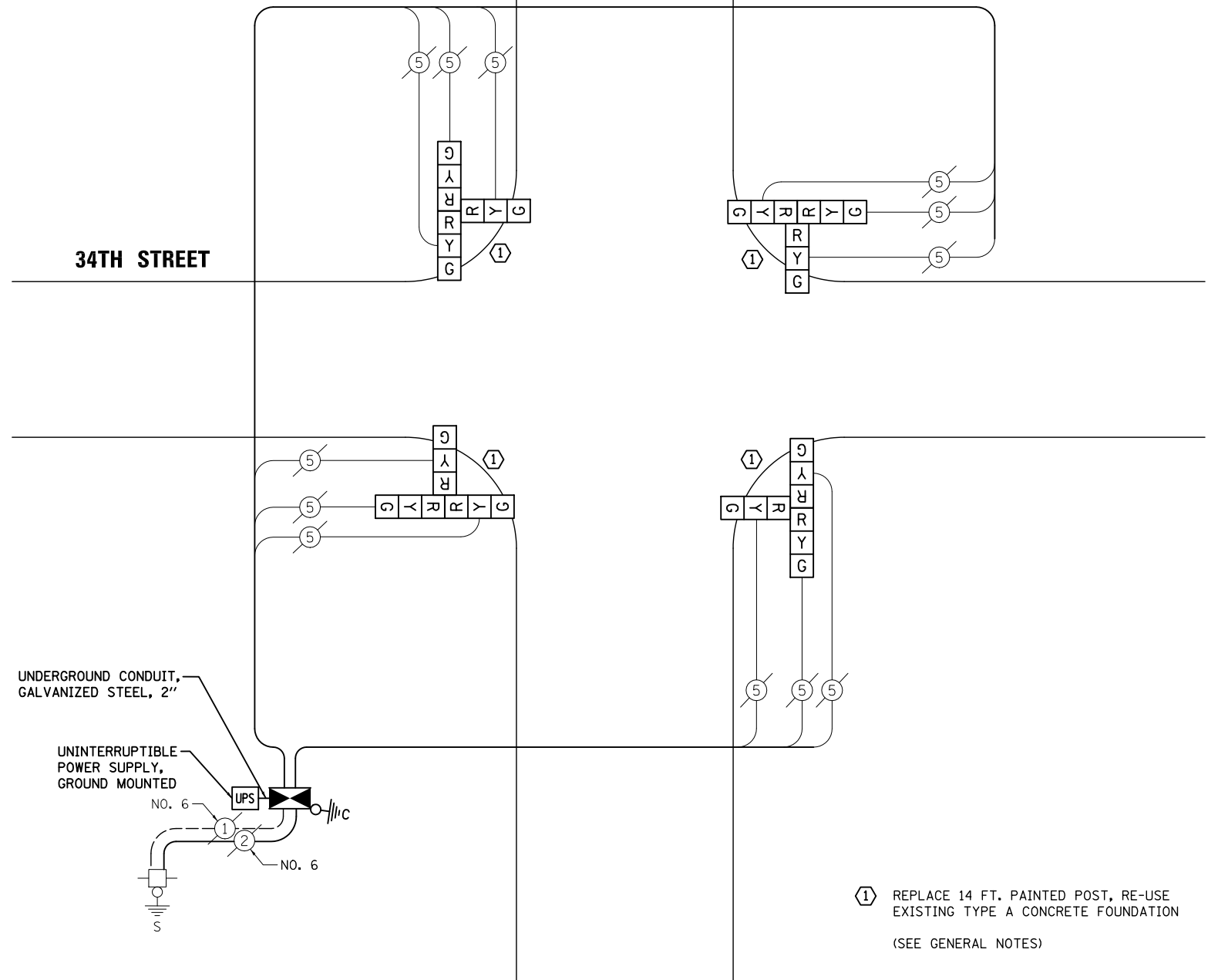
- EACH 1
- EACH 4
- EACH 4
- EACH 1
- EACH 1
- EACH 1
- EACH 1

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN AND PHASE DESIGNATION DIAGRAM OAK PARK AVENUE AT 34TH STREET

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

CABLE PLAN



① REPLACE 14 FT. PAINTED POST, RE-USE EXISTING TYPE A CONCRETE FOUNDATION (SEE GENERAL NOTES)

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	%OPERATION	
SIGNAL (RED)	12	135	17	0.50	102
(YELLOW)	12	135	25	0.25	75
(GREEN)	12	135	15	0.25	45
ARROW		135	12	0.10	
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		84	100	0.50	
FLASHER		135	25	0.50	
ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHAUMBURG, IL 60196-1096					TOTAL = 322
ENERGY SUPPLY CONTACT: X					
PHONE: X					
COMPANY: X					
FILE NAME = \MICROST\352108\21-7940.DGN	USER NAME = JGC	DESIGNED - BPT	REVISED -		
		DRAWN - JGC/RDS	REVISED -		
	PLOT SCALE = NOT TO SCALE	CHECKED - BPT	REVISED -		
	PLOT DATE = X	DATE - 12-04-13	REVISED -		

PREPARED BY:
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2013-054TS	COOK	92	36
			CONTRACT NO. 60X29	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

TS# 7940 BERWYN