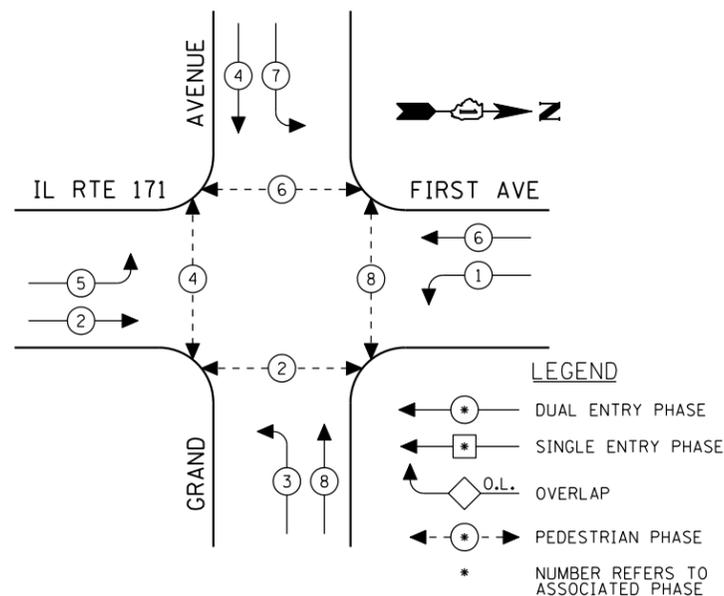
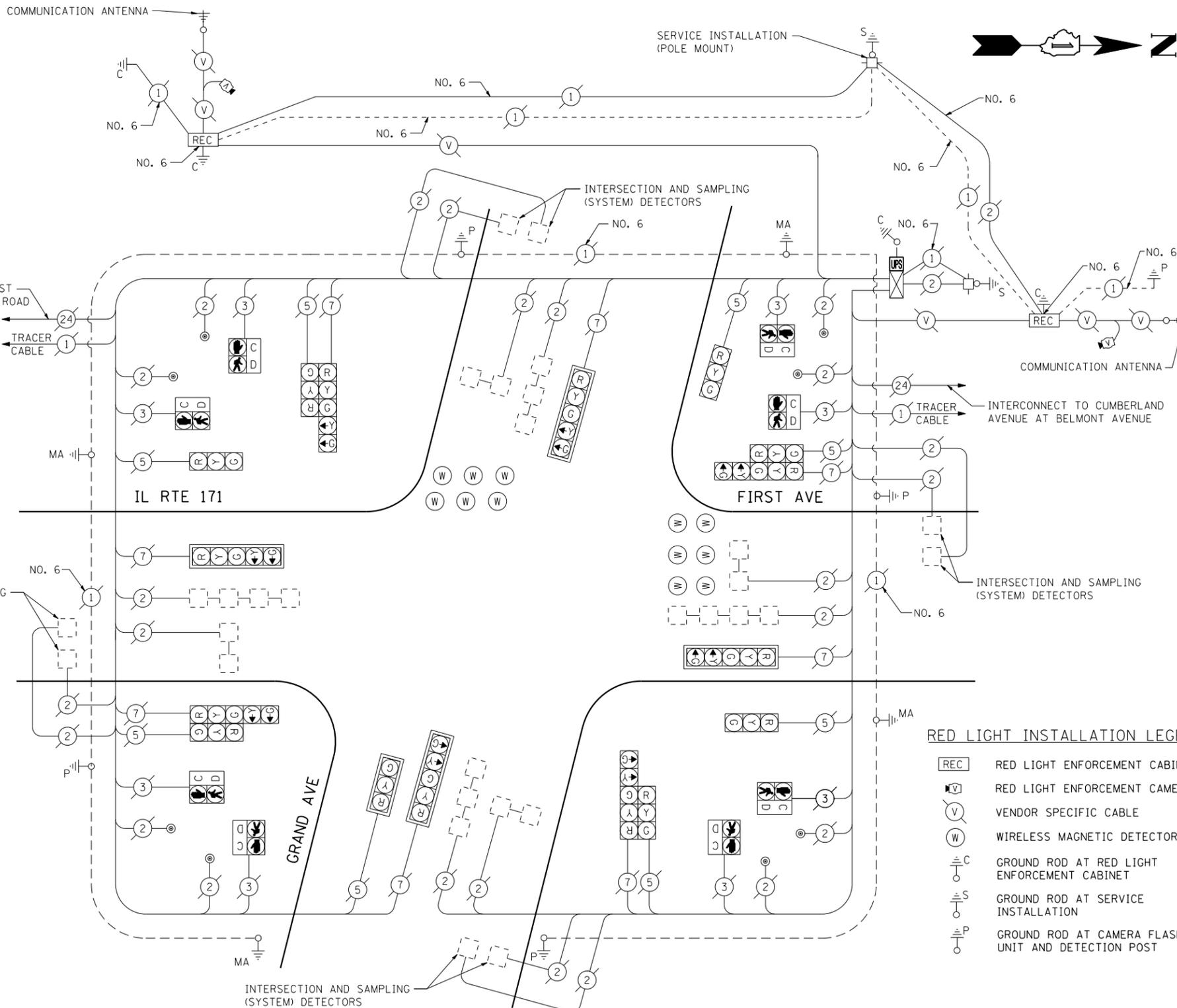


CONTROLLER SEQUENCE



EXISTING PHASE DESIGNATION DIAGRAM



SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
1	EACH	MODIFY EXISTING CONTROLLER CABINET
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL

RED LIGHT INSTALLATION LEGEND

- REC RED LIGHT ENFORCEMENT CABINET
- V RED LIGHT ENFORCEMENT CAMERA
- V VENDOR SPECIFIC CABLE
- W WIRELESS MAGNETIC DETECTOR
- C GROUND ROD AT RED LIGHT ENFORCEMENT CABINET
- S GROUND ROD AT SERVICE INSTALLATION
- P GROUND ROD AT CAMERA FLASH UNIT AND DETECTION POST

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

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		%OPERATION	
		INCAND.	LED		
SIGNAL (RED)	16		17	0.50	136
(YELLOW)	16		25	0.25	100
(GREEN)	16		15	0.25	60
ARROW	16		12	0.10	19.2
PED. SIGNAL	8		25	1.00	200
CONTROLLER	1		100	1.00	100
ILLUM. SIGN				0.05	
FLASHER		25		0.50	
ENERGY COSTS TO:					TOTAL = 615.2
ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHAUMBURG, ILLINOIS 60196-1096					
ENERGY SUPPLY CONTACT: XXX XXXXX					
PHONE: (XXX) XXX-XXXX					
COMPANY: COMMONWEALTH EDISON					

FILE NAME =	USER NAME = \$USER*	DESIGNED - PKG	REVISED -
\$FILEL\$		DRAWN - EA, EB	REVISED -
		CHECKED - PKG	REVISED -
		DATE - 7/12/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES, CABLE PLAN,
PHASE DESIGNATION DIAGRAM
IL RTE 171 (FIRST AVE - THATCHER AVE) AT GRAND AVENUE**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2013-036TS	COOK	76	55
CONTRACT NO. 60W82				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

TS# 5215
RIVER GROVE