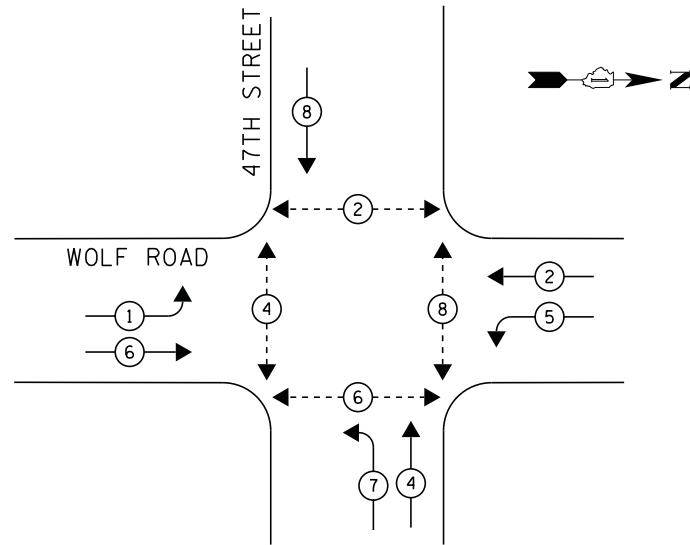
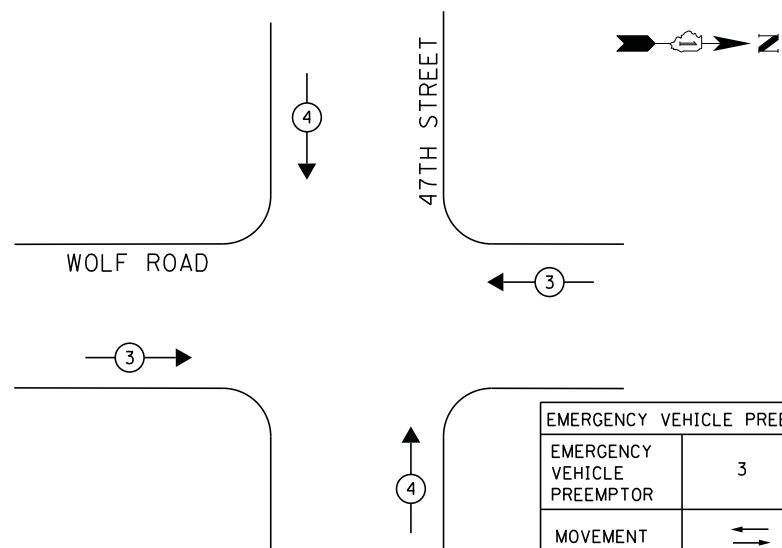


CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

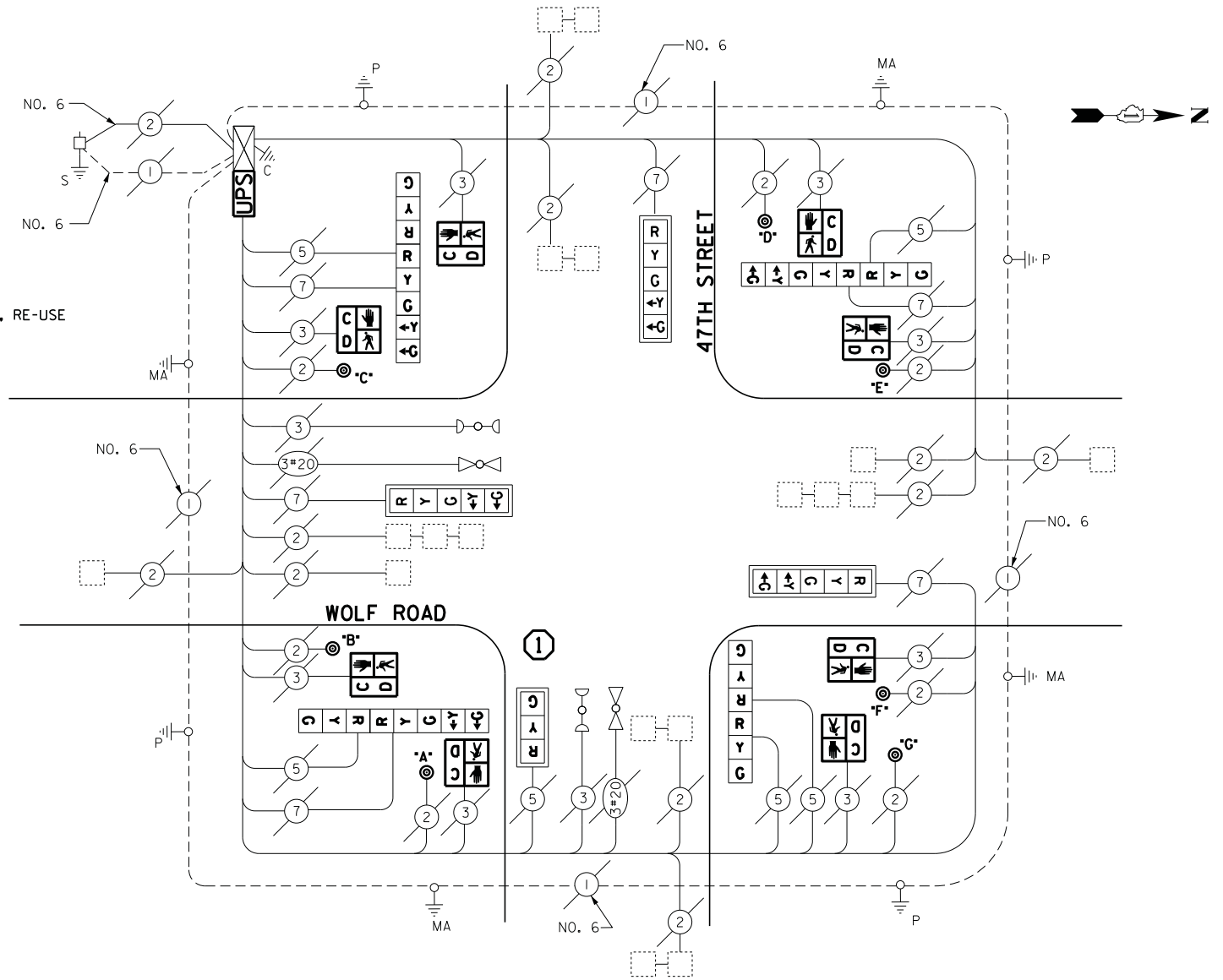
EMERGENCY VEHICLE PREEMPTION SEQUENCE



LEGEND

- ⊙ → DUAL ENTRY PHASE
- ⊠ → SINGLE ENTRY PHASE
- ◇ → O.L. OVERLAP
- ⊙ → PEDESTRIAN PHASE
NUMBER REFERS TO ASSOCIATED PHASE

① REPLACE 16FT. PAINTED POST, RE-USE EXISTING TYPE FOUNDATION



CABLE PLAN

NOTE:

PUSH BUTTON "A & G" PLACES A CALL IN PHASE 6
PUSH BUTTON "B & C" PLACES A CALL IN PHASE 4
PUSH BUTTON "D" PLACES A CALL IN PHASE 2
PUSH BUTTON "E & F" PLACES A CALL IN PHASE 8

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.

- 8 EACH PEDESTRIAN SIGNAL HEAD
- 7 EACH PEDESTRIAN PUSH-BUTTON
- 1 EACH TRAFFIC SIGNAL POST

EAGLE EPAC 300
CONTROLLER ON-SITE

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

TRAFFIC SIGNAL EQUIPMENT
SHALL BE EAGLE TO
MATCH THE ADJACENT
EXISTING SYSTEM

TS# 3825
WESTERN SPRINGS

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		%OPERATION	
SIGNAL (RED)	12	INCAND.	17	0.5	102
(YELLOW)	12	LED	25	0.25	75
(GREEN)	12		15	0.25	45
ARROW	12		12	0.10	14.4
PED. SIGNAL	8		25	1.00	200
CONTROLLER	1		100	1.00	100
ILLUM. SIGN			25	0.05	-
VIDEO SYSTEM			-	1.00	-
FLASHER			-	-	-
ENERGY COSTS TO:					TOTAL = 536.4
ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHAUMBURG, ILLINOIS 60196-1096 ENERGY SUPPLY CONTACT: ILYAS MOHIUNDDIN PHONE: (708) 2354-2692 COMPANY: COMMONWEALTH EDISON					

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
8	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
1	EACH	RELOCATE EXISTING SIGNAL HEAD
1	EACH	MODIFY EXISTING CONTROLLER CABINET
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	REMOVE AND REPLACE ANCHOR BOLTS
1	EACH	UNINTERRUPTABLE POWER SUPPLY, SPECIAL
3	EACH	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, BRACKET MOUNTED, RETROFIT
1	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, RETROFIT
3	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED, RETROFIT
1	EACH	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED, RETROFIT
7	EACH	PEDESTRIAN PUSH-BUTTON, NON-LATCHING

FILE NAME =	USER NAME = .USER.	DESIGNED - M.A./V.O.	REVISED -
J:\13155\Work Order 2\DCN\CADD Sheets\060Y18-sht-ts-24_3825.dgn		DRAWN - Y.J./E.C.	REVISED -
PLOT SCALE = 20.0000' / in.		CHECKED - I.Y.	REVISED -
PLOT DATE = 5/14/2014		DATE - 5/16/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND
EMERGENCY VEHICLE PREEMPTION SEQUENCE
WOLF ROAD AT 47TH STREET

SCALE: NTS SHEET NO. 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2014-032TS	COOK	68	40
CONTRACT NO. 60Y18				
ILLINOIS FED. AID PROJECT				