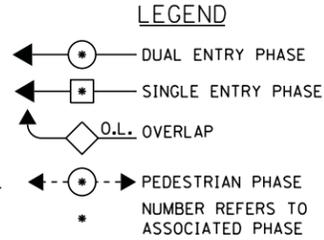
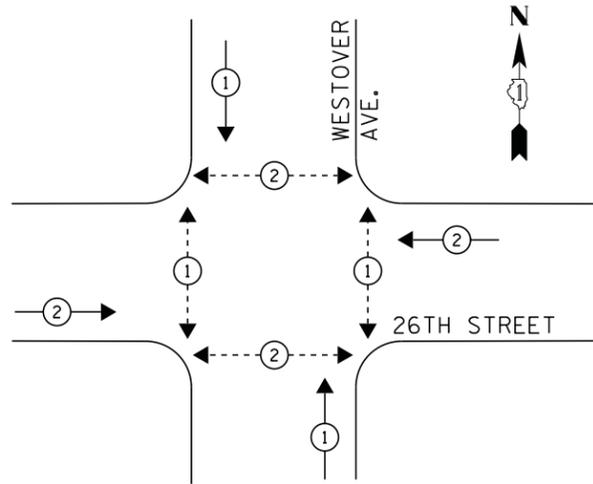


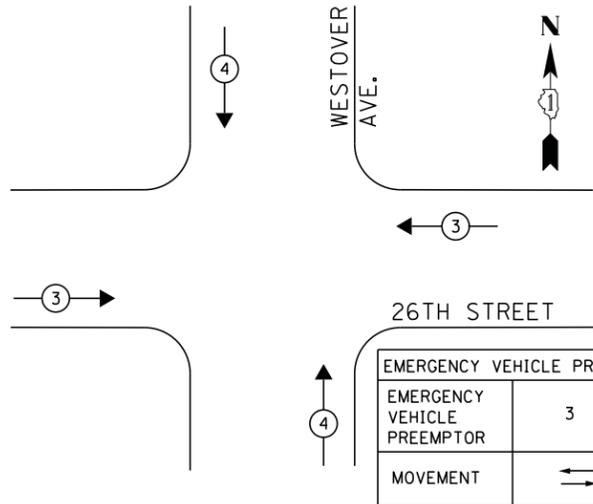
CONTROLLER SEQUENCE



- ① REPLACE 14FT, PAINTED POST, RE-USE EXISTING FOUNDATION.
- ② REPLACE 18FT, PAINTED POST, RE-USE EXISTING FOUNDATION.

PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE



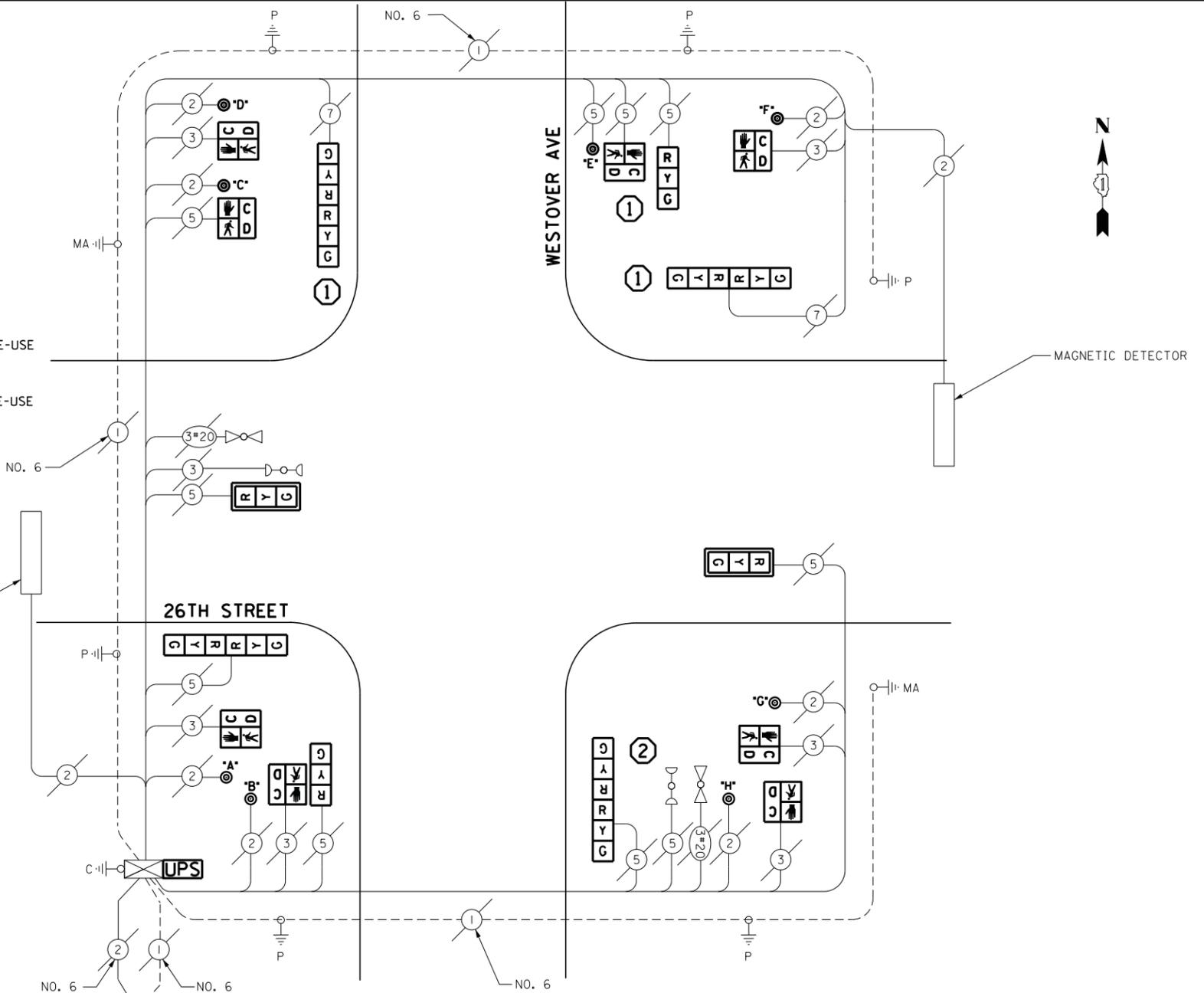
EMERGENCY VEHICLE PREEMPTOR		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↔	↕

NOTE:
PUSH BUTTON "B, C, F & H" PLACES A CALL IN PHASE 1
PUSH BUTTON "A, D, E & G" PLACES A CALL IN PHASE 2

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
3	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.
2	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
2	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
4	EACH	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
8	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
2	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
1	EACH	MODIFY EXISTING CONTROLLER CABINET
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
2	EACH	REMOVE AND REPLACE ANCHOR BOLTS
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL
8	EACH	PEDESTRIAN PUSH-BUTTON, NON-LATCHING

CABLE PLAN



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.

- 2 EACH TRAFFIC SIGNAL BACKPLATE
- 8 EACH PEDESTRIAN SIGNAL HEAD
- 8 EACH PEDESTRIAN PUSH-BUTTON
- 4 EACH SIGNAL HEAD, 2-FACE, 3-SECTION
- 4 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
- 4 EACH TRAFFIC SIGNAL POST

NOTE:
RELOCATION OF EMERGENCY VEHICLE PREEMPTION SYSTEM, DETECTOR UNIT, IS INCLUDED IN COST OF REPLACING SIGNAL POSTS.

ECONOLITE ASC/2S-1000
CONTROLLER ON-SITE

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

TS# 7943
NORTH RIVERSIDE

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		%OPERATION	
		INCAND.	LED		
SIGNAL (RED)	12		17	0.5	102
(YELLOW)	12		25	0.25	75
(GREEN)	12		15	0.25	45
ARROW	-		12	0.10	0
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 = 522
ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHAUMBURG, ILLINOIS 60196-1096 ENERGY SUPPLY CONTACT: JOE STACHO PHONE: (630) 424-5704 COMPANY: COMMONWEALTH EDISON					
FILE NAME =	USER NAME = .USER.	DESIGNED - M.A./V.O.	REVISED - I.Y. 6/2/2014		
J:\13155\Work Order 2\DCN\CADD Sheets\Revision 1\DI60Y18-sht-ts-42.7943-rev1.dgn		DRAWN - Y.J./E.C.	REVISED -		
		CHECKED - I.Y.	REVISED -		
		DATE - 5/16/2014	REVISED -		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND
EMERGENCY VEHICLE PREEMPTION SEQUENCE
26TH STREET AT WESTOVER AVENUE

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.
	2014-032T5	COOK	68	58
CONTRACT NO. 60Y18				
ILLINOIS FED. AID PROJECT				