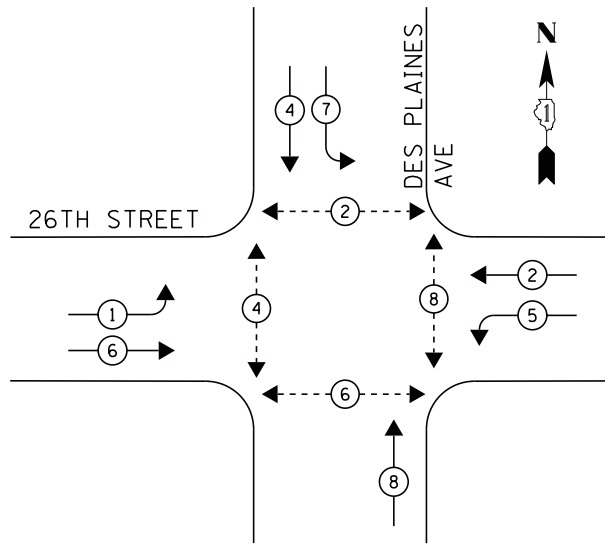
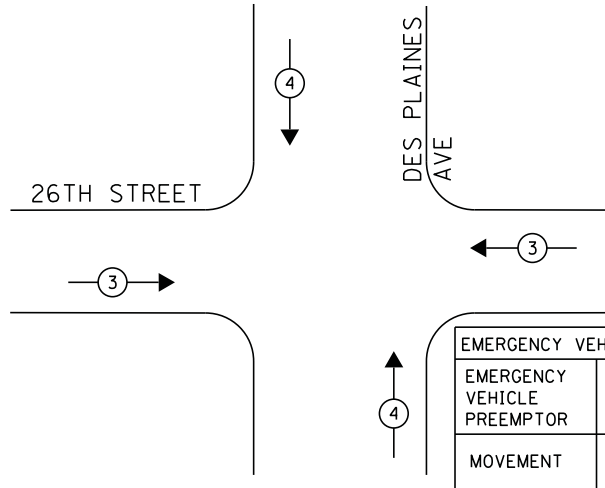


**CONTROLLER SEQUENCE**



**EMERGENCY VEHICLE PREEMPTION SEQUENCE**

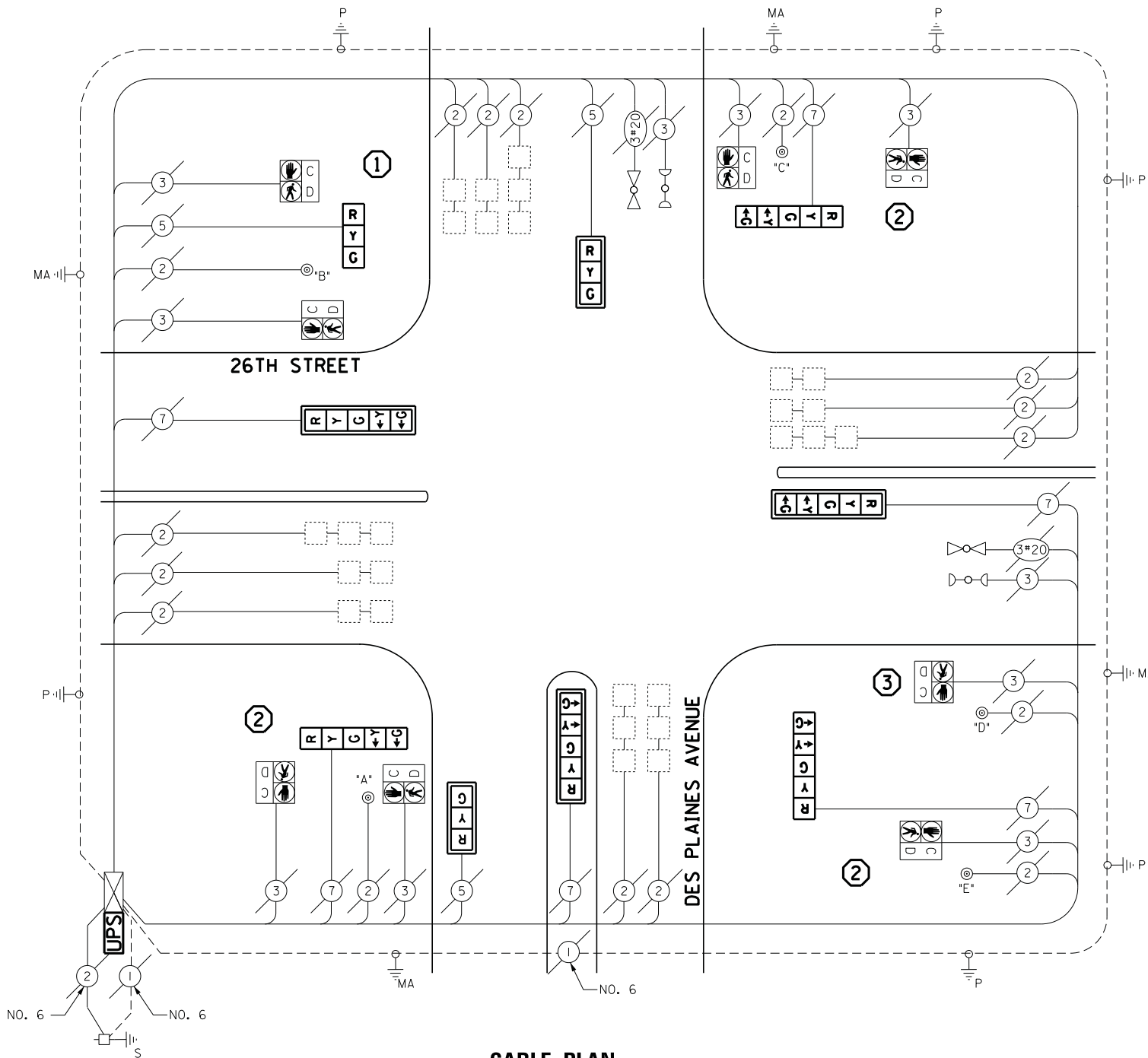


- LEGEND**
- ⊙ \* DUAL ENTRY PHASE
  - ⊙ \* SINGLE ENTRY PHASE
  - ◇ O.L. OVERLAP
  - ⊙ \* PEDESTRIAN PHASE
  - \* NUMBER REFERS TO ASSOCIATED PHASE

- ① REPLACE 14FT, PAINTED POST, RE-USE EXISTING FOUNDATION
- ② REPLACE 16FT, PAINTED POST, RE-USE EXISTING FOUNDATION
- ③ REMOVE 16FT, PAINTED POST, INSTALL 10FT SIGNAL POST RE-USE EXISTING FOUNDATION

**NOTE:**

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



**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.

- 5 EACH TRAFFIC SIGNAL POST
- 3 EACH SIGNAL HEAD, 3-SECTION
- 6 EACH SIGNAL HEAD, 5-SECTION
- 5 EACH TRAFFIC SIGNAL BACKPLATE

ECONOLITE ASC/2-2100  
CONTROLLER ON-SITE

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

TS# 3735  
NORTH RIVERSIDE

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		%OPERATION	
		INCAND.	LED		
SIGNAL (RED)	9		17	0.5	76
(YELLOW)	9		25	0.25	56.25
(GREEN)	9		15	0.25	33.75
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 = 480.9
ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHAUMBURG, ILLINOIS 60196-1096 ENERGY SUPPLY CONTACT: JOE STACHO PHONE: (630) 424-5704 COMPANY: COMMONWEALTH EDISON					

**SCHEDULE OF QUANTITIES**

QUANTITY	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.
3	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
2	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
1	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
3	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
3	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED
5	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
8	EACH	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD
4	EACH	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON
1	EACH	MODIFY EXISTING CONTROLLER CABINET
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
3	EACH	REMOVE AND REPLACE ANCHOR BOLTS
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND  
EMERGENCY VEHICLE PREEMPTION SEQUENCE  
DES PLAINES AVENUE AT 26TH 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.
	2014-032T5	COOK	68	47
CONTRACT NO. 60Y18				
ILLINOIS FED. AID PROJECT				