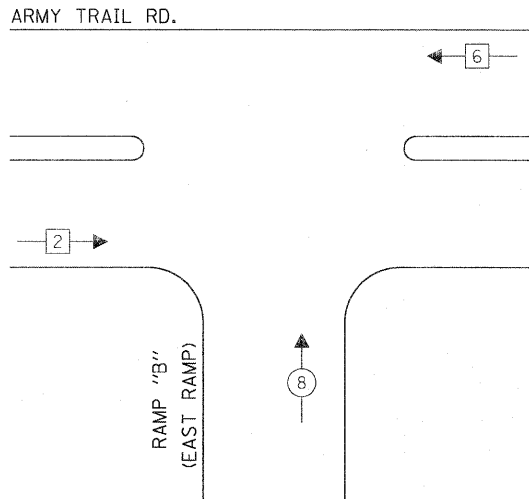


CONTROLLER SEQUENCE

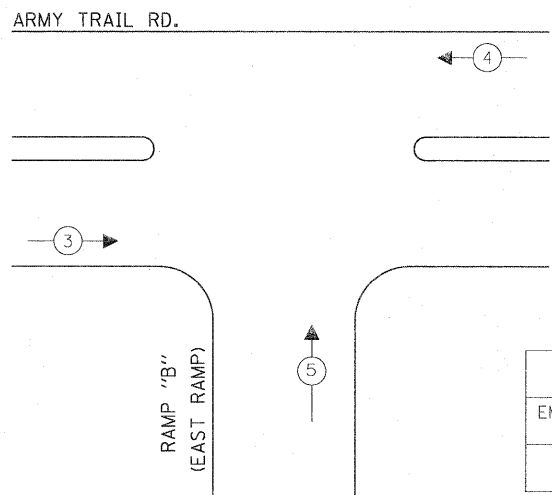


TEMPORARY PHASE DESIGNATION DIAGRAM CONSTRUCTION SEQUENCE FOR PRE-CONSTRUCTION STAGE ONLY

LEGEND

- ◉ DUAL ENTRY PHASE
- ◻ SINGLE ENTRY PHASE
- ◊ O.L. OVERLAP
- ◉ PEDESTRIAN PHASE
- NUMBER REFERS TO ASSOCIATED PHASE

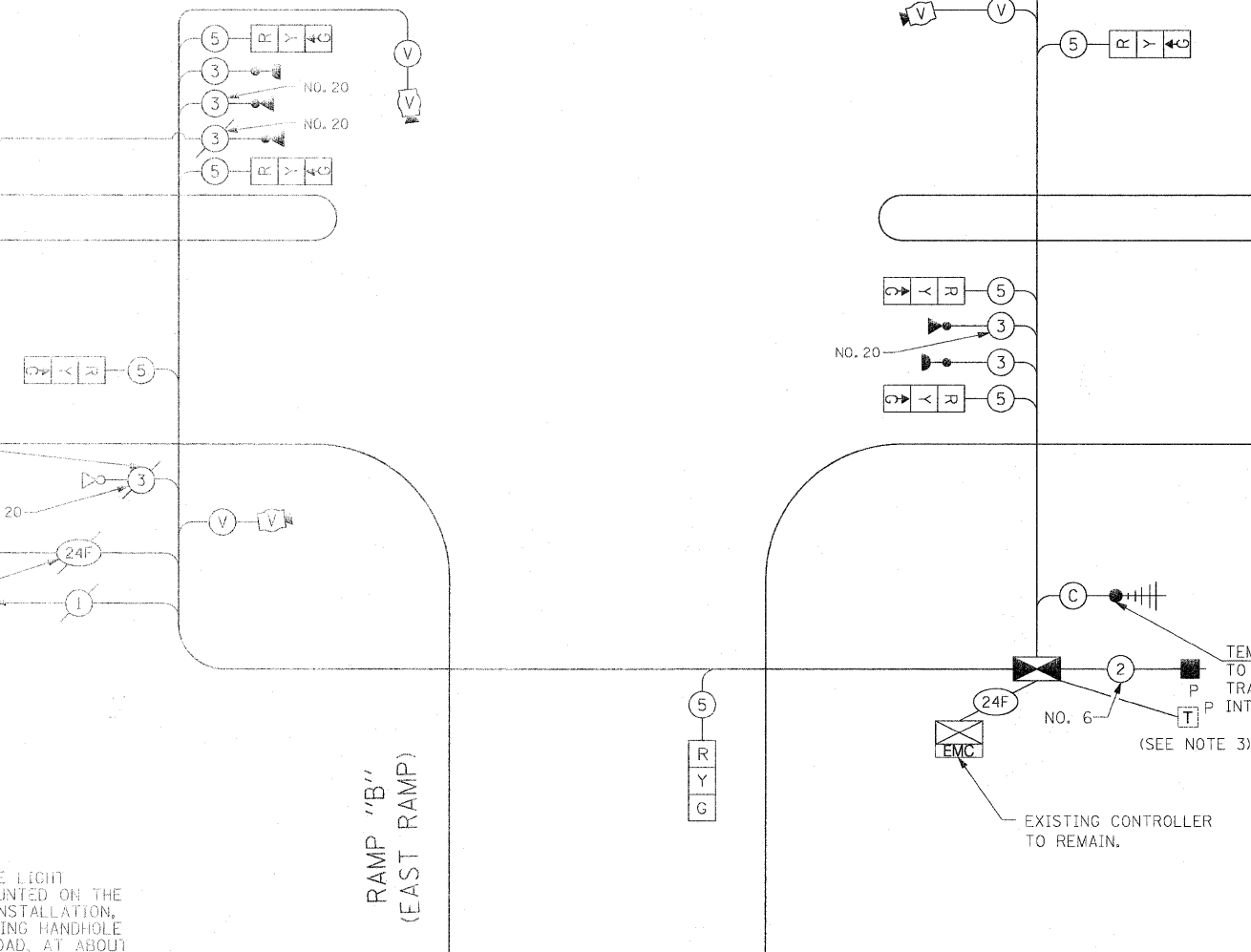
EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	
MOVEMENT	→	←	↑	

EMERGENCY VEHICLE PREEMPTION SEQUENCE FOR PRE-CONSTRUCTION STAGE ONLY

ARMY TRAIL RD.



TO CONTROLLER AT ARMY TRAIL RD. AND RAMP "A" (WEST RAMP) (SEE NOTE 1)

TO EVP MOUNTED ON SIGNAL POST AT RAMP "A" (WEST RAMP) (SEE NOTE 2)

INTERCONNECT TO RAMP "A" (WEST RAMP) (SEE TEMPORARY INTERCONNECT PLANS)

TEMPORARY RADIO INTERCONNECT TO ILL. RTE. 53 AT ARMY TRAIL ROAD (SEE TEMPORARY INTERCONNECT PLANS) (SEE NOTE 3)

EXISTING CONTROLLER TO REMAIN.

NOTE 1: THE EXISTING 3C NO. 20 CABLE FOR THE LIGHT DETECTOR FOR WEST RAMP SIGNALS, MOUNTED ON THE MAST ARM AT THE EAST RAMP SIGNAL INSTALLATION, SHALL BE PULLED BACK INTO THE EXISTING HANDHOLE ON THE SOUTH SIDE OF ARMY TRAIL ROAD, AT ABOUT STA. 6+90. THE CABLE SHALL BE RE-ROUTED THROUGH THE EXISTING CONDUITS AND THE PROPOSED 2" CNC TO THE TEMPORARY TRAFFIC SIGNAL INSTALLATION AS SHOWN IN THE PLAN. ADDITIONAL CABLE SHALL BE SPLICED TO THE EXISTING CABLE AS NEEDED. THIS WORK SHALL BE INCIDENTAL TO THE TEMPORARY TRAFFIC SIGNAL INSTALLATION AT THE EAST RAMP AND ARMY TRAIL ROAD.

NOTE 2: INSTALL 2C NO. 20 CABLE BETWEEN EXISTING CONTROLLER AND TEMPORARY CONTROLLER FOR THE EXISTING LIGHT DETECTOR MOUNTED AT RAMP "A" (WEST RAMP) SIGNAL INSTALLATION FOR THE SIGNAL INSTALLATION AT RAMP "B" (EAST RAMP). THIS WORK WILL BE INCIDENTAL TO THE PAY ITEM "TEMPORARY TRAFFIC SIGNAL INSTALLATION".

NOTE 3: THE TELEPHONE SERVICE MUST BE MAINTAINED AT THIS TEMPORARY TRAFFIC SIGNAL INSTALLATION. THIS ITEM OF WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCIDENTAL TO THE PAY ITEM "TEMPORARY TRAFFIC SIGNAL INSTALLATION".

CABLE PLAN

(NOT TO SCALE)

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		%OPERATION	
		INCAND.	LED		
SIGNAL (RED)	11	135	17	0.50	93.5
(YELLOW)	11	135	25	0.25	68.75
(GREEN)	11	135	15	0.25	41.25
ARROW		135	12	0.10	
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN				0.05	
VIDEO SYSTEM	1	150		1.00	150
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL = 453.5
VILLAGE OF ADDISON 1 FRIENDSHIP PLAZA ADDISON, ILLINOIS 60101					
ENERGY SUPPLY CONTACT: ELLIE SARALLO PHONE: (630) 424 5124 COMPANY: COMMONWEALTH EDISON					

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

Rev. 6-8-11

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION  
DIAGRAM, TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE  
ARMY TRAIL ROAD AT RAMP "B" (EAST RAMP) (SHEET 3 OF 3)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	516
CONTRACT NO. 60477				

SCALE: SHEET NO. OF SHEETS STA. TO STA.

FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT