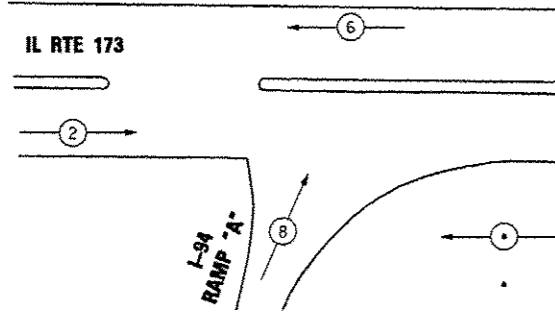
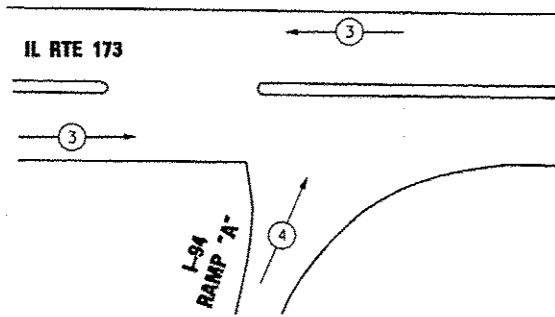


CONTROLLER SEQUENCE



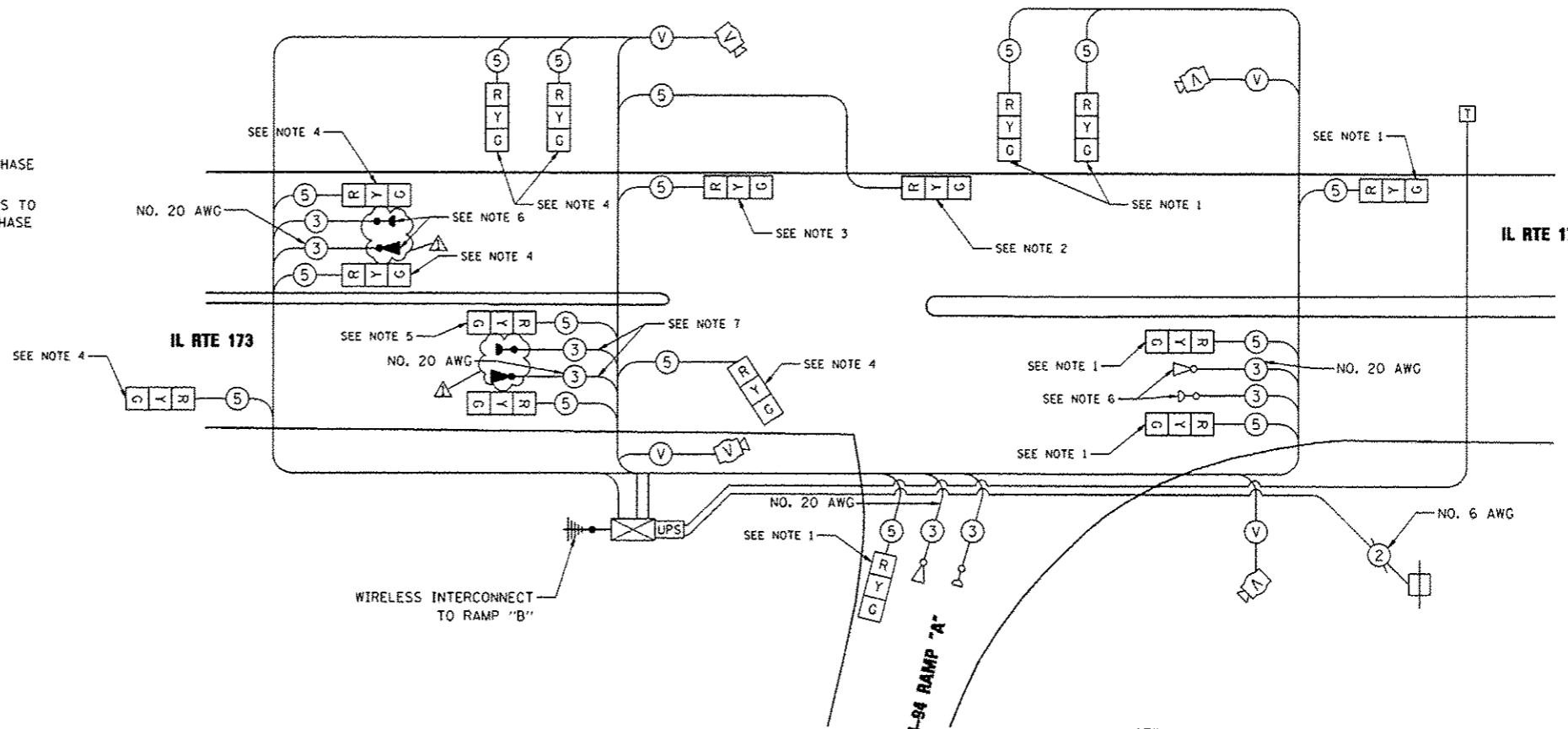
PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE



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

LEGEND
 DUAL ENTRY PHASE
 NUMBER REFERS TO ASSOCIATED PHASE



CABLE PLAN

CABLE PLAN

NOTES:

1. SIGNAL HEAD SHALL BE BAGGED AND DE-ENERGIZED DURING STAGES 1A AND 1C. SIGNAL HEAD SHALL BE ACTIVATED DURING STAGES 1B AND 2A.
2. SIGNAL HEAD SHALL BE INSTALLED AND ACTIVATED FOR STAGE 1C ONLY. SIGNAL HEAD SHALL BE REMOVED UPON COMPLETION OF STAGE 1C.
3. SIGNAL HEAD SHALL BE BAGGED AND DE-ENERGIZED DURING STAGE 1C. SIGNAL HEAD SHALL BE ACTIVATED DURING STAGES 1A, 1B AND 2A.
4. SIGNAL HEAD SHALL BE BAGGED AND DE-ENERGIZED DURING STAGES 1B AND 2A. SIGNAL HEAD SHALL BE ACTIVATED DURING STAGES 1A AND 1C.
5. SIGNAL HEAD SHALL BE ROTATED TO FACE EASTBOUND TRAFFIC DURING STAGES 1A AND 1C. SIGNAL HEAD SHALL BE ROTATED TO FACE WESTBOUND TRAFFIC DURING STAGES 1B AND 2A.
6. EMERGENCY VEHICLE PREEMPTION EQUIPMENT RELOCATED BETWEEN STAGES 1A, 1B, 1C, AND 2A.
7. EMERGENCY VEHICLE PREEMPTION DETECTOR AND CONFIRMATION BEACON SHALL BE ROTATED TO FACE EASTBOUND TRAFFIC DURING STAGES 1A AND 1C. EMERGENCY VEHICLE PREEMPTION DETECTOR AND CONFIRMATION BEACON SHALL BE ROTATED TO FACE WESTBOUND TRAFFIC DURING STAGES 1B AND 2A.
8. THE EMERGENCY VEHICLE PREEMPTION EQUIPMENT FOR THIS INTERSECTION SHALL BE "OPTICOM" TO MATCH THE TOWNSHIP SYSTEM.

RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

I.D.O.T.
 TRAFFIC SIGNAL INSTALLATION
 ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	9	135	17	0.50	76.5
(YELLOW)	9	135	25	0.25	56.25
(GREEN)	9	135	15	0.25	33.75
ARROW	-	135	12	0.10	-
PED. SIGNAL	-	90	25	1.00	-
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN	-	-	25	0.50	-

ENERGY COSTS TO: TOTAL = 266.5

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/DISTRICT 1
 201 WEST CENTER COURT/SCHAUMBURG, IL 60196

ENERGY SUPPLY CONTACT: DOROTHY PROSEN
 PHONE: (847) 816-5323
 COMPANY: COM ED

EJM ENGINEERING, INC.
 411 South Wells Street Suite 1000
 Chicago, Illinois 60607

FILE NAME *	USER NAME * gral	DESIGNED * GR	REVISED Δ 7/17/12 BKS
		DRAWN * GR	REVISED -
	PLOT SCALE * none	CHECKED * BKS	REVISED -
	PLOT DATE * 7/16/2012	DATE * 06/19/2012	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM,
 AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
 IL RTE 173 AT I-94 RAMP "A"

F.A.I. RTE: 94	SECTION: 49-1-R-1	COUNTY: LAKE	TOTAL SHEETS: 677	SHEET NO.: 349
SCALE: NONE			SHEET NO. 1 OF 1 SHEETS	
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

TS-18