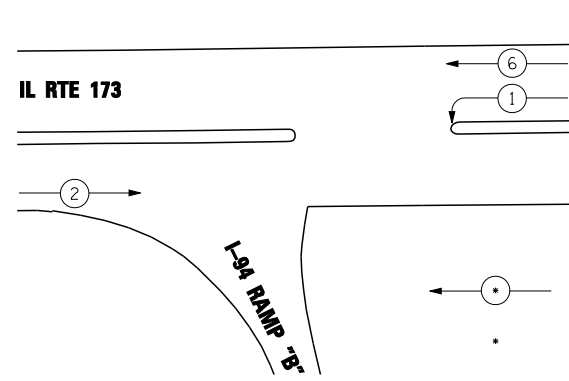


CONTROLLER SEQUENCE

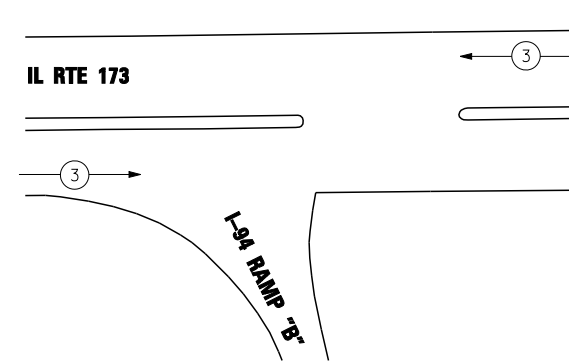


LEGEND

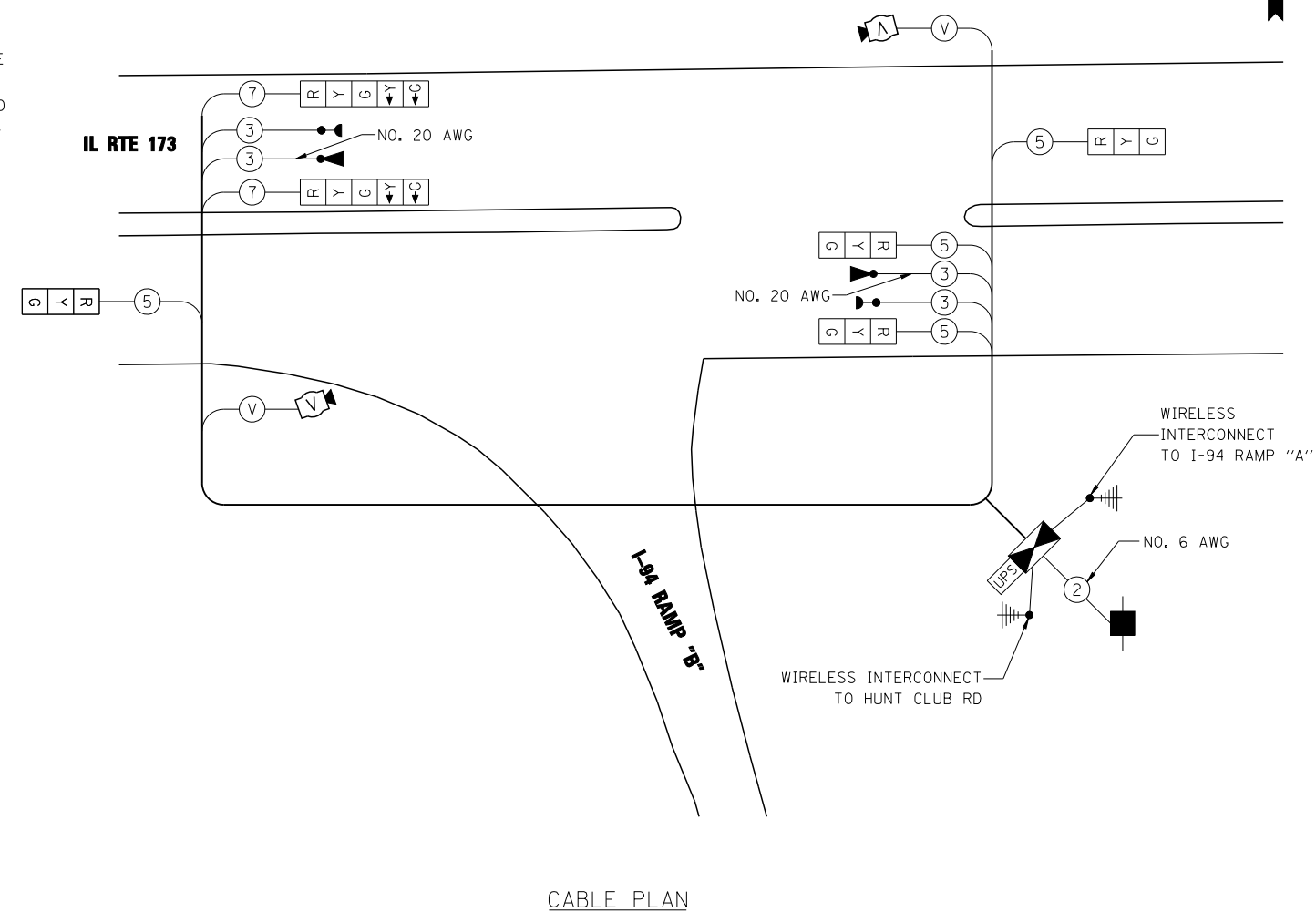
- ← ○ → DUAL ENTRY PHASE
- NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS	
EMERGENCY VEHICLE PREEMPTOR	3
MOVEMENT	← →



CABLE PLAN

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 SEEDING 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 WATTAGE	TOTAL
		INCAND.	LED		
SIGNAL (RED)	6	135	17	0.50	51
(YELLOW)	6	135	25	0.25	37.5
(GREEN)	6	135	15	0.25	22.5
ARROW	4	135	12	0.10	4.8
PED. SIGNAL	-	90	25	1.00	-
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN			25	0.50	
ENERGY COSTS TO: TOTAL = 215.8					
ILLINOIS DEPARTMENT OF TRANSPORTATION					
DIVISION OF HIGHWAYS/DISTRICT 1 201 WEST CENTER COURT/SCHAUMBURG, IL 60196					
ENERGY SUPPLY: CONTACT: <u>DOROTHY PROSEN</u> PHONE: <u>(847) 816-5323</u> COMPANY: <u>COM ED</u>					

SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
CHANGEABLE MESSAGE SIGN	CAL MO	1
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
SPAN WIRE	FOOT	449
TETHER WIRE	FOOT	449
ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 3C	FOOT	435
ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 5C	FOOT	710
ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 7C	FOOT	590
ELECTRIC CABLE AERIAL SUSPENDED, SERVICE, NO. 6 2 C	FOOT	64
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
VIDEO DETECTION SYSTEM	EACH	1
FULL-ACTUATED CONTROLLER AND CABINET, TYPE IV, SPECIAL	EACH	1
UNINTERRUPTIBLE POWER SUPPLY, SPECIAL	EACH	1
ELECTRIC CABLE AERIAL SUSPENDED NO. 20 3/C, TWISTED, SHIELDED	FOOT	435
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, SPAN WIRE MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, SPAN WIRE MOUNTED	EACH	2
WOOD POLE, 45 FOOT, CLASS 5	EACH	4

NOTES:

1. THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS INTERSECTION SHALL BE "EAGLE" TO MATCH THE EXISTING INTERSECTION IN THE PROPOSED SYSTEM.
2. THE EMERGENCY VEHICLE PREEMPTION EQUIPMENT FOR THIS INTERSECTION SHALL BE "OPTICOM" TO MATCH THE TOWNSHIP SYSTEM.



FILE NAME =	USER NAME = rswanson	DESIGNED - RAS	REVISED -
		DRAWN - RAS	REVISED -
	PLOT SCALE = none	CHECKED - DLT	REVISED -
	PLOT DATE = 12/15/2011	DATE - 3/9/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN,
AND PHASE DESIGNATION DIAGRAM
IL RTE 173 AT I-94 RAMP "B"

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1(HB & HB-1R)	LAKE	225	97
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60L76	

TS-07