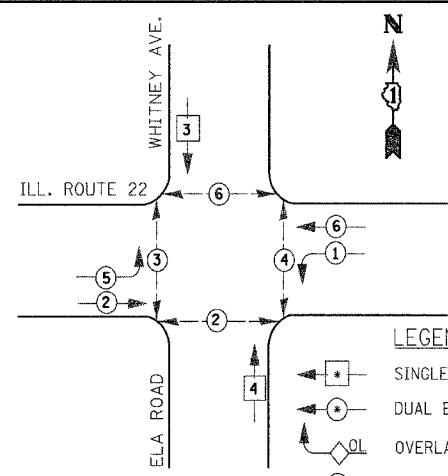


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	19R-1	LAKE	800	510
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 60997				

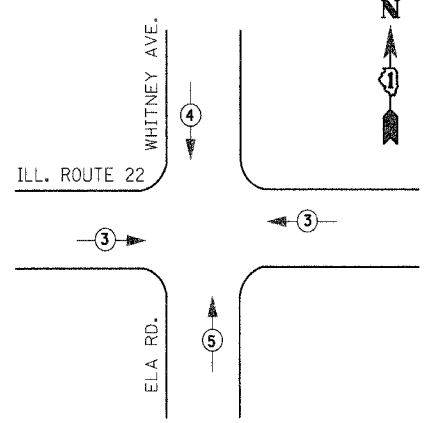


LEGEND

- ◻ SINGLE ENTRY PHASE
- ◻ DUAL ENTRY PHASE
- ◻ OVERLAP
- ◻ PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

TEMPORARY PHASE DESIGNATION DIAGRAM STAGES 1, 2 & 3A

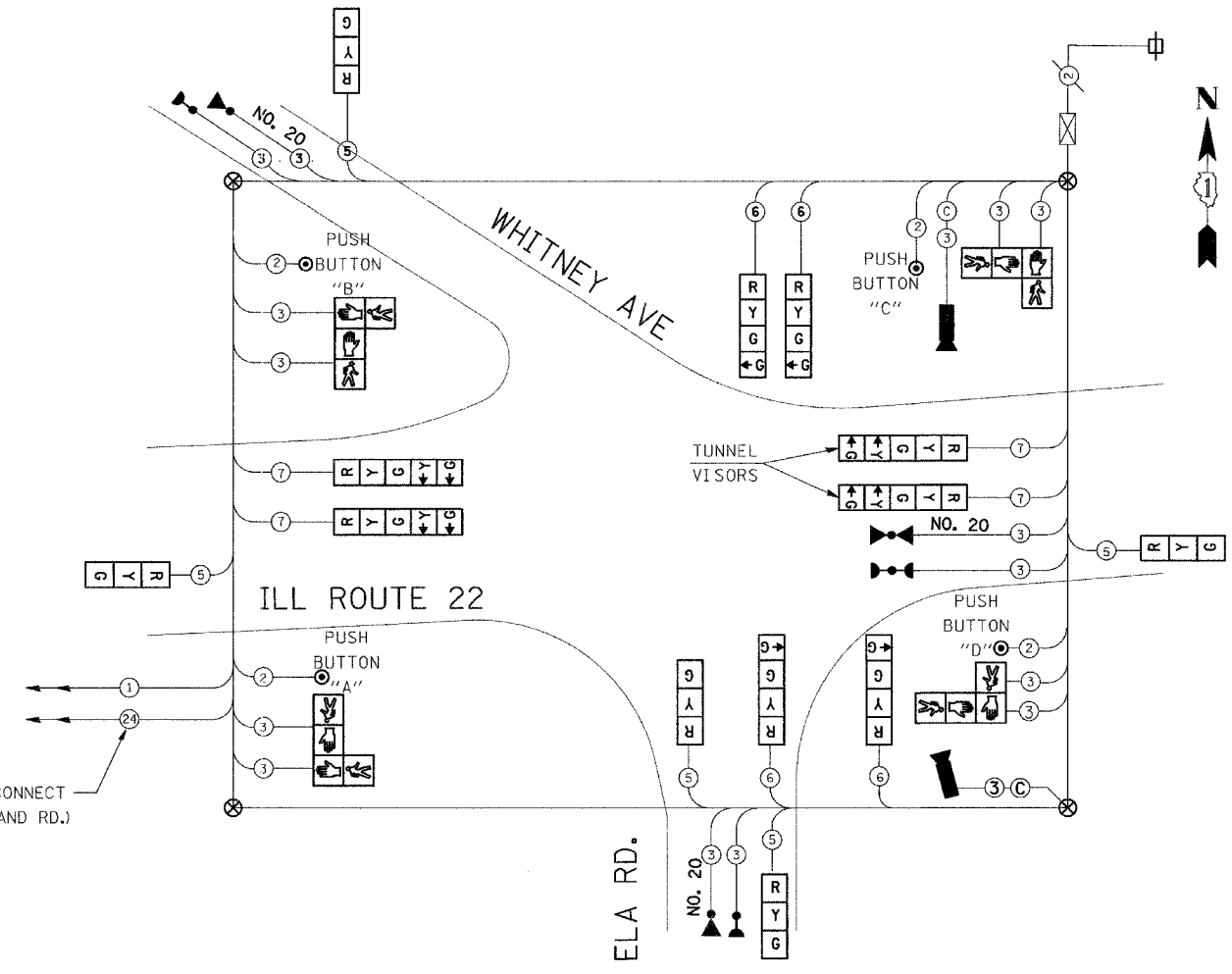
THE CONTRACTOR SHALL BAG THE NB & SB LEFT TURN SIGNAL HEAD DISPLAY



EMERGENCY VEHICLE PREEMPTION SEQUENCE

TEMPORARY EMERGENCY VEHICLE PREEMPTOR			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	← →	↓	↑

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS*	WATTAGE INCAND.	LED	% OPERATION	
SIGNAL (RED)	13	135	17	0.50	878
(YELLOW)	13	135	25	0.25	439
(GREEN)	13	135	15	0.25	439
ARROW	12	135	12	0.10	162
PED. SIGNAL	8	90	25	1.00	720
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		84		0.05	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	2738
ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHALMBURG, ILLINOIS 60196-1096 CONTACT: IERI BLACK PHONE: (847) 816-5239 COMPANY: COM. EDISON					



CABLE PLAN

TEMPORARY INTERCONNECT TO U.S. RTE 12 (RAND RD.) AT ILL. RTE. 22

TEMPORARY CABLE DIAGRAM LEGEND

- ◻ R TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300 mm)
- ◻ TEMPORARY CONTROLLER CABINET
- ◻ TEMPORARY SERVICE INSTALLATION
- ⑤ INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- ▶ EMERGENCY VEHICLE LIGHT DETECTOR
- ▶ CONFIRMATION BEACON
- ◻ VEHICLE DETECTOR, INDUCTION LOOP
- ⊙ PEDESTRIAN PUSHBUTTON DETECTOR
- ▶ 12" (300mm) PEDESTRIAN SIGNAL SECTION
- ▶ VIDEO DETECTION

PUSH BUTTON "A" SHALL PLACE CALLS IN PHASE 2 AND 3
 PUSH BUTTON "B" SHALL PLACE CALLS IN PHASE 3 AND 6
 PUSH BUTTON "C" SHALL PLACE CALLS IN PHASE 6 AND 4
 PUSH BUTTON "D" SHALL PLACE CALLS IN PHASE 2 AND 4

CONSTRUCTION NOTES

1. THE EXISTING TRAFFIC SIGNAL CLOSED LOOP SYSTEM OPERATION SHALL BE MAINTAINED DURING CONSTRUCTION.
2. THE CONTRACTOR SHALL MAINTAIN THE EXISTING SIGNAL SYSTEM INTERCONNECT DURING TEMPORARY SIGNAL OPERATION.

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

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TEMPORARY CABLE PLAN & TEMPORARY PHASE DESIGNATION DIAGRAM IL RTE 22 & ELA RD - WHITNEY AVE
SCALE : N.T.S.		DRAWN BY VAP DESIGNED BY RAM
DATE : 07/21/04		CHECKED BY DDL