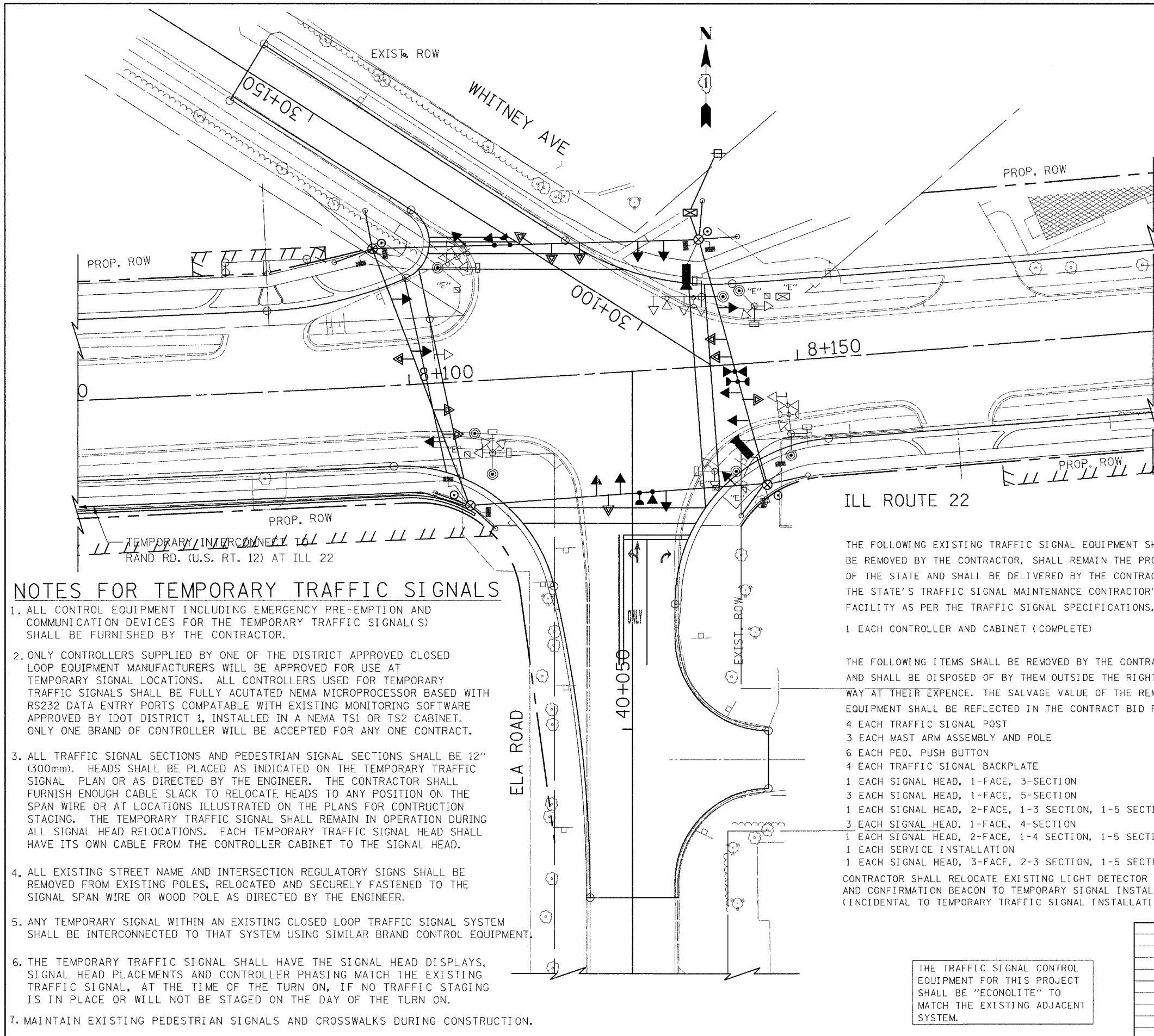


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	19R-1	LAKE	800	509
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 60997				



**TEMPORARY TRAFFIC SIGNAL LEGEND**

- TEMPORARY TRAFFIC SIGNAL HEAD  
SPAN WIRE MOUNTED ORIGINAL LOCATION →
- TEMPORARY TRAFFIC SIGNAL HEAD  
SPAN WIRE MOUNTED SECONDARY LOCATION →
- TEMPORARY WOOD POLE (CLASS 5 OR  
BETTER) 45 FOOT (13.7m) MINIMUM ⊗
- TEMPORARY CONTROLLER CABINET ⊠
- TEMPORARY SPAN WIRE, TETHER WIRE, AND  
CABLE —
- TEMPORARY SERVICE INSTALLATION ⊕
- TEMPORARY PEDESTRIAN SIGNAL HEAD,  
BRACKET MOUNTED ⊞
- VIDEO DETECTION ⊞
- PEDESTRIAN PUSHBUTTON DETECTOR ⊙
- EMERGENCY VEHICLE LIGHT DETECTOR ⊙
- CONFIRMATION BEACON ⊙
- VEHICLE DETECTOR, INDUCTION LOOP □
- UNIT DUCT ⊞
- G.S. CONDUIT IN TRENCH (T) OR PUSHED (P) —
- HANDHOLE —
- HEAVY-DUTY HANDHOLE ⊞
- COMMON TRENCH CT

**EXISTING EQUIPMENT TO BE REMOVED LEGEND**

- EXISTING SIGNAL HEAD TO BE REMOVED →
- EXISTING SERVICE INSTALLATION TO BE  
REMOVED "E" ⊞
- EXISTING SIGNAL POST AND FOUNDATION  
TO BE REMOVED ⊙
- EXISTING ALUMINUM MAST ARM POLE  
AND FOUNDATION TO BE REMOVED ⊞
- EXISTING CONTROLLER AND FOUNDATION  
TO BE REMOVED "E" ⊠
- EXISTING HANDHOLE TO BE REMOVED "E" ⊞
- EXISTING PEDESTRIAN SIGNAL HEAD  
TO BE REMOVED ⊞
- EXISTING PEDESTRIAN PUSH BUTTON  
TO BE REMOVED ⊙
- EMERGENCY VEHICLE LIGHT DETECTOR TO  
BE REMOVED ⊙
- CONFIRMATION BEACON TO BE REMOVED ⊙
- EXISTING HEAVY-DUTY HANDHOLE TO BE  
REMOVED "E" ⊞
- EXISTING STEEL MAST ARM POLE  
AND FOUNDATION TO BE REMOVED ⊞

**NOTES FOR TEMPORARY TRAFFIC SIGNALS**

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACUTATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATABLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS1 OR TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE 12" (300mm). HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
7. MAINTAIN EXISTING PEDESTRIAN SIGNALS AND CROSSWALKS DURING CONSTRUCTION.

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE STATE AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE STATE'S TRAFFIC SIGNAL MAINTENANCE CONTRACTOR'S MAIN FACILITY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS. -

- 1 EACH CONTROLLER AND CABINET (COMPLETE)

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENCE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 4 EACH TRAFFIC SIGNAL POST
- 3 EACH MAST ARM ASSEMBLY AND POLE
- 6 EACH PED. PUSH BUTTON
- 4 EACH TRAFFIC SIGNAL BACKPLATE
- 1 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
- 3 EACH SIGNAL HEAD, 1-FACE, 5-SECTION
- 1 EACH SIGNAL HEAD, 2-FACE, 1-3 SECTION, 1-5 SECTION
- 3 EACH SIGNAL HEAD, 1-FACE, 4-SECTION
- 1 EACH SIGNAL HEAD, 2-FACE, 1-4 SECTION, 1-5 SECTION
- 1 EACH SERVICE INSTALLATION
- 1 EACH SIGNAL HEAD, 3-FACE, 2-3 SECTION, 1-5 SECTION

CONTRACTOR SHALL RELOCATE EXISTING LIGHT DETECTOR AND CONFIRMATION BEACON TO TEMPORARY SIGNAL INSTALLATION (INCIDENTAL TO TEMPORARY TRAFFIC SIGNAL INSTALLATION)

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**TEMPORARY TRAFFIC SIGNAL INSTALLATION  
EXISTING TRAFFIC SIGNAL REMOVAL PLAN  
IL RTE 22 & ELA RD - WHITNEY AVE**

SCALE : 1:250  
DATE : 07/21/04

DRAWN BY VAP  
DESIGNED BY RAM  
CHECKED BY DDL