

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	134IB&B-2R-1	LAKE	137	36
STA. 25+000 TO STA. 25+197				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 62037				

**ELECTRICAL NOTES:**

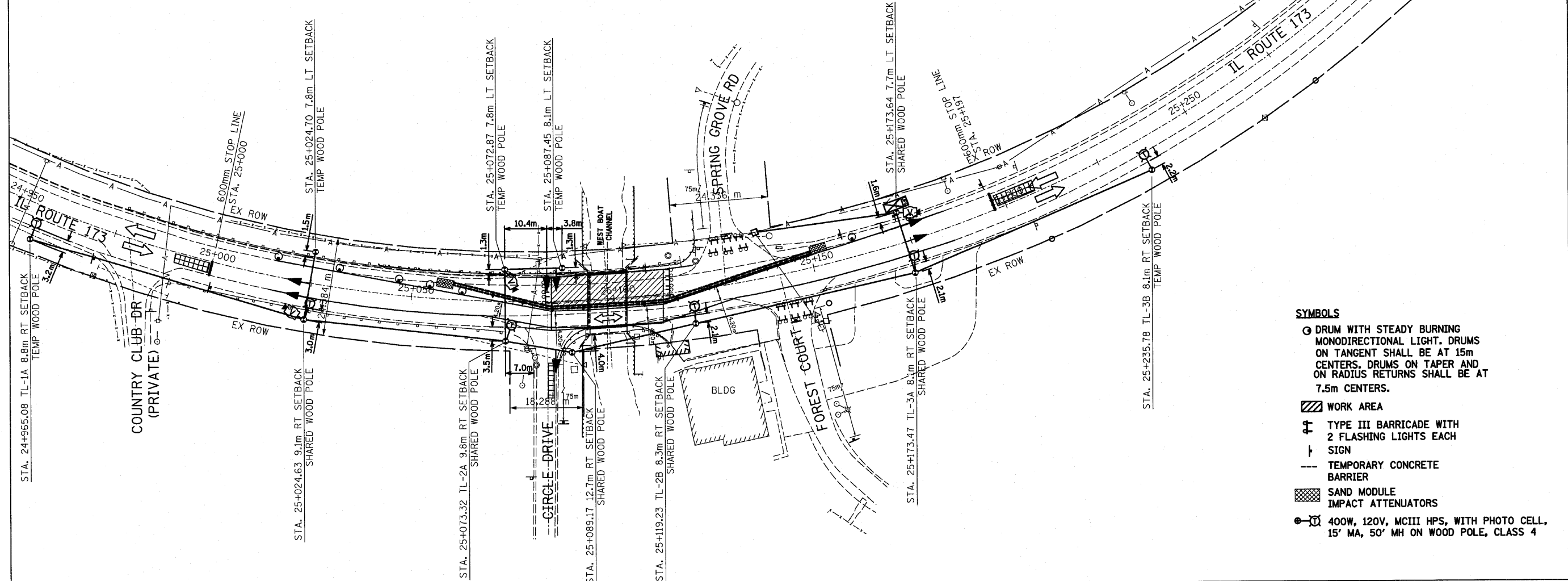
- 1) EAST BOAT CHANNEL LIGHTING SHALL FOLLOW IDOT "TYPICAL LAYOUT OF TEMPORARY LIGHTING AND TRAFFIC SIGNALS FOR SINGLE LANE STAGING" STANDARD SHEETS.
- 2) WEST BOAT CHANNEL LIGHTING SHALL FOLLOW IDOT "TYPICAL LAYOUT OF TEMPORARY LIGHTING AND TRAFFIC SIGNALS FOR SINGLE LANE STAGING" STANDARD SHEETS, EXCEPT FOR POLE LOCATIONS.
- 3) BOTH EAST AND WEST BOAT CHANNELS SHALL BE PAID AT THE CONTRACT SUM PRICE TEMPORARY LIGHTING FOR SINGLE LANE STAGING.

THE TEMPORARY SIGNAL WIRE SHALL BE LOCATED BETWEEN THE OVERHEAD LOWEST WIRE AND THE MIDDLE WIRE AND MAINTAIN 2' CLEARANCE.

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.

**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 ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE 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.



**SYMBOLS**

- ⊙ DRUM WITH STEADY BURNING MONODIRECTIONAL LIGHT. DRUMS ON TANGENT SHALL BE AT 15m CENTERS. DRUMS ON TAPER AND ON RADIUS RETURNS SHALL BE AT 7.5m CENTERS.
- ▨ WORK AREA
- ⚡ TYPE III BARRICADE WITH 2 FLASHING LIGHTS EACH
- ⊥ SIGN
- TEMPORARY CONCRETE BARRIER
- ▤ SAND MODULE IMPACT ATTENUATORS
- ⊙ 400W, 120V, MCII HPS, WITH PHOTO CELL, 15' MA, 50' MH ON WOOD POLE, CLASS 4

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 IL ROUTE 173 OVER WEST BOAT CHANNEL  
**TEMPORARY TRAFFIC SIGNAL INSTALLATION AND LIGHTING WEST STAGES I & II**  
 SCALE: 1:500  
 DATE: 3-8-10  
 DRAWN BY: GAO  
 CHECKED BY: TCM

