RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	(46-1S&47)WRS-2	LAKE	234	130

| STA. | TO STA. | | | |

FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT

CONTRACT. NO. 60956

CENTER STREET

ONLY   ONLY

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

N

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". 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.

6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE 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.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING ALL NECESSARY EQUIPMENT AND PHASING CHANGES TO THE INSTALLATION TO COVER THE DIFFERENT SIGNAL HEAD REQUIREMENTS AND SIGNAL PHASING BETWEEN MOT STAGE II AND MOT STAGE III. THE COST OF THIS WORK WILL BE INCLUDED IN THE COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.

TEMPORARY CONSTRUCTION EASEMENT

GUY WIRE (TYP.)

U.S. ROUTE 45

PROPOSED R.O.W.

53'   54'   63'

℄ CONSTRUCTION

1108   1109   A   ONLY   1112   1113   ONLY

20+00

℄ CONSTRUCTION

A

55'   52'

ONLY

EXISTING R.O.W.

52'   55'

TEMPORARY CONSTRUCTION EASEMENT

PROPOSED R.O.W.

ONLY

TEMPORARY RADIO INTERCONNECT TO IL ROUTE 120 AND TO BRAE LOCH ROAD
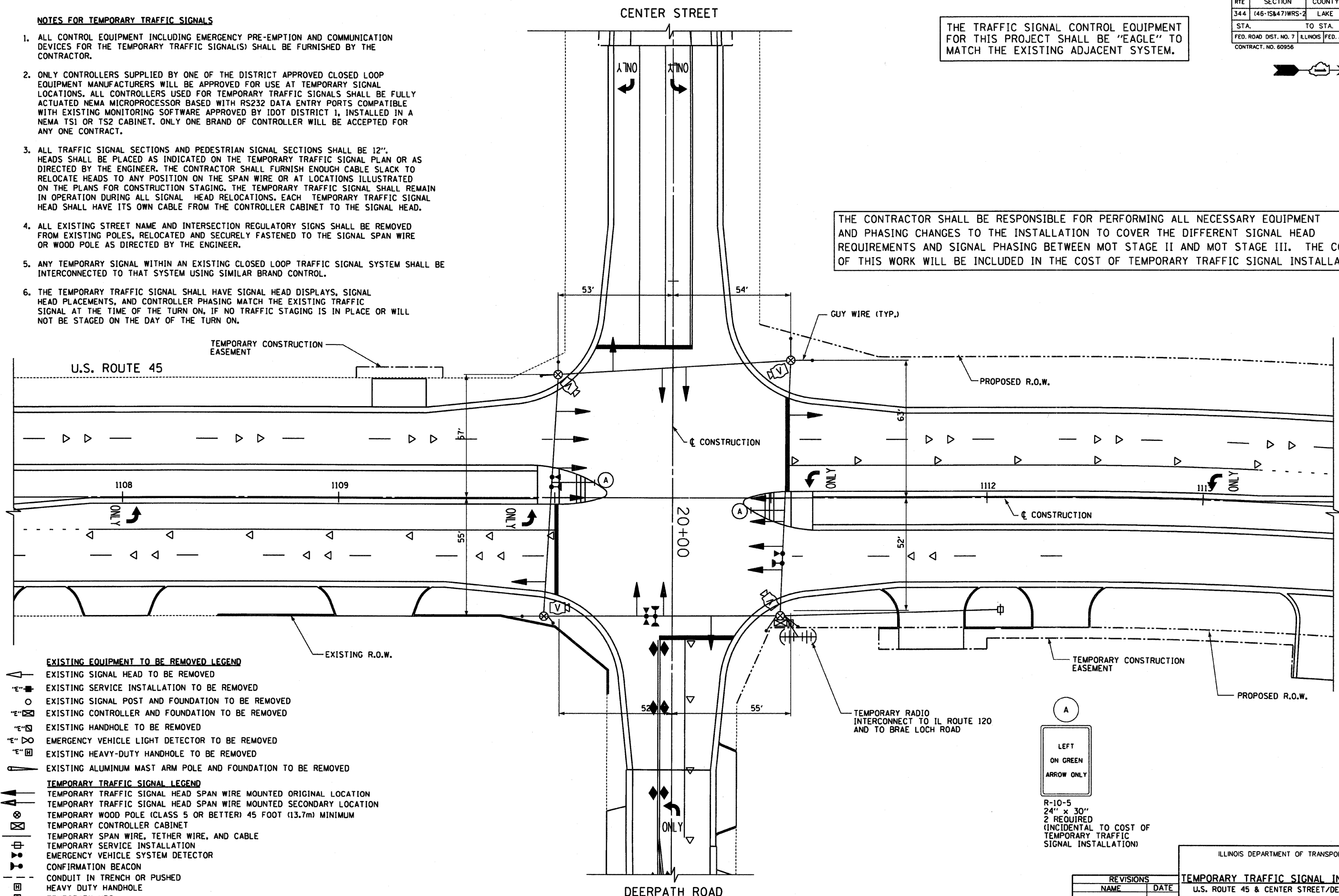
EXISTING EQUIPMENT TO BE REMOVED LEGEND

- ◁ EXISTING SIGNAL HEAD TO BE REMOVED
- "E" ∎ EXISTING SERVICE INSTALLATION TO BE REMOVED
- ○ EXISTING SIGNAL POST AND FOUNDATION TO BE REMOVED
- "E" ⊠ EXISTING CONTROLLER AND FOUNDATION TO BE REMOVED
- "E" ▫ EXISTING HANDHOLE TO BE REMOVED
- "E" ▷○ EMERGENCY VEHICLE LIGHT DETECTOR TO BE REMOVED
- "E" ⊞ EXISTING HEAVY-DUTY HANDHOLE TO BE REMOVED
- ▬ EXISTING ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED

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
- ▶● EMERGENCY VEHICLE SYSTEM DETECTOR
- ▶● CONFIRMATION BEACON
- ––– CONDUIT IN TRENCH OR PUSHED
- Ⓗ HEAVY DUTY HANDHOLE
- Ⓑ TEMPORARY UPS
- Ⓥ VIDEO DETECTOR

⟨⊦⊦⊦ RADIO INTERCONNECT ANTENNA

Ⓐ

LEFT ON GREEN ARROW ONLY
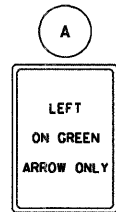
R-10-5
24" × 30"
2 REQUIRED
(INCIDENTAL TO COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION)

DEERPATH ROAD

ILLINOIS DEPARTMENT OF TRANSPORTATION

REVISIONS	
NAME	DATE

TEMPORARY TRAFFIC SIGNAL INSTALLATION
U.S. ROUTE 45 & CENTER STREET/DEERPATH ROAD
STAGE III AND FINAL

HORIZ:20   0   20

SCALE IN FEET

DATE	12/14/09
DRAWN BY	MB/AJP
CHECKED BY	KMM