

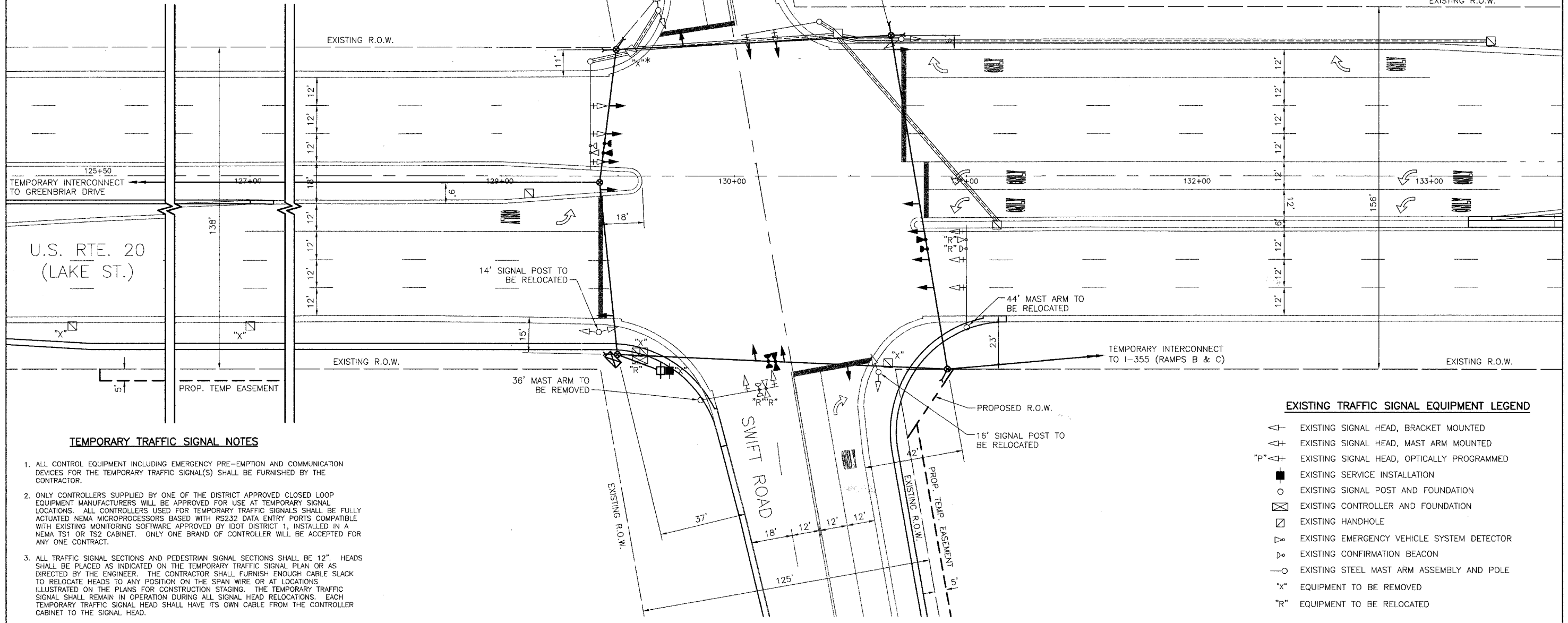
FAP NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	00-00086-00-TL	DUPAGE	58	25
STA.	TO STA.			
FED. ROAD DISTRICT	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 83794				

**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 FT. (13.7m) MIN.
- ⊗ TEMPORARY WOOD POLE, 4" X 4" 14 FT. (10 FT. EXPOSED) MIN.
- ⊗ TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- ⊕ TEMPORARY SERVICE INSTALLATION
- TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- PEDESTRIAN PUSHBUTTON DETECTOR
- ▲ EMERGENCY VEHICLE LIGHT DETECTOR
- ▲ CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- CT COMMON TRENCH
- UD UNIT DUCT
- G.S. CONDUIT IN GROUND
- HANDHOLE
- ⊕ HEAVY DUTY HANDHOLE

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE SAFELY STORED FOR RELOCATION TO THE PERMANENT TRAFFIC SIGNAL INSTALLATION.

- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 1 EACH STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.
- 1 EACH TRAFFIC SIGNAL POST, 14 FT.
- 1 EACH TRAFFIC SIGNAL POST, 16 FT.
- 3 EACH LIGHT DETECTOR
- 1 EACH LIGHT DETECTOR AMPLIFIER



**TEMPORARY TRAFFIC SIGNAL NOTES**

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 MICROPROCESSORS 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 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.

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

- 18 EACH TRAFFIC SIGNAL HEAD
- 1 EACH STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 36 FT.
- 1 EACH SERVICE INSTALLATION

NOTE: ALL EXISTING CONDUITS AND LOOP DETECTORS NOT BEING USED IN THE PERMANENT TRAFFIC SIGNAL INSTALLATION SHALL BE ABANDONED.

\*EXISTING HANDHOLE SHALL BE REMOVED AND REPLACED WITH A DOUBLE HANDHOLE INTERCEPTING THE EXISTING CONDUIT RUNS AT THIS LOCATION.

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

**EXISTING TRAFFIC SIGNAL EQUIPMENT LEGEND**

- ◁ EXISTING SIGNAL HEAD, BRACKET MOUNTED
- ◁ EXISTING SIGNAL HEAD, MAST ARM MOUNTED
- "P" ◁ EXISTING SIGNAL HEAD, OPTICALLY PROGRAMMED
- EXISTING SERVICE INSTALLATION
- EXISTING SIGNAL POST AND FOUNDATION
- ⊗ EXISTING CONTROLLER AND FOUNDATION
- ⊕ EXISTING HANDHOLE
- ▶ EXISTING EMERGENCY VEHICLE SYSTEM DETECTOR
- ▶ EXISTING CONFIRMATION BEACON
- EXISTING STEEL MAST ARM ASSEMBLY AND POLE
- "X" EQUIPMENT TO BE REMOVED
- "R" EQUIPMENT TO BE RELOCATED

REVISIONS	
NAME	DATE

VILLAGE OF ADDISON  
**TEMPORARY TRAFFIC SIGNAL  
 INSTALLATION PLAN AND  
 REMOVAL PLAN**  
 U.S. RTE. 20 (LAKE ST.) &  
 SWIFT ROAD

SCALE: 1"=20'  
 DATE: 4/1/2005

DRAWN BY: BRD  
 DESIGNED BY: BRD  
 CHECKED BY: KMM