

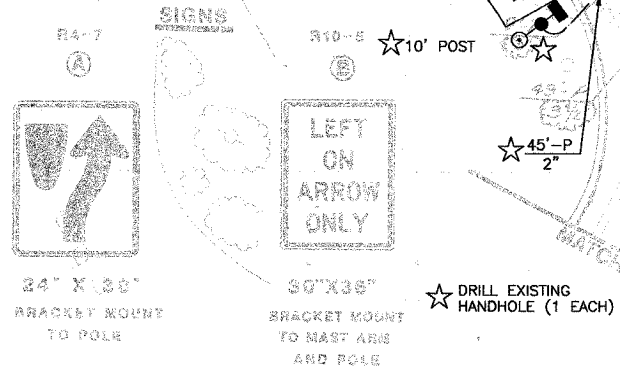
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
870	04-00051-00-SW	DuPAGE	46	27
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 83820				

PLAN LEGEND

- CONTROLLER
- SERVICE INSTALLATION
- SIGNAL FACE
- SIGNAL FACE WITH BACKPLATE
- MAST ARM ASSEMBLY AND POLE, STEEL
- EMERGENCY VEHICLE SYSTEM DETECTOR OPTIONAL TYPE FLASHING INDICATOR LIGHT
- CONCRETE HANDHOLE
- CONCRETE DOUBLE HANDHOLE
- G.S. CONDUIT IN TRENCH (T) PVC OR EMPTY
- G.S. CONDUIT PUSHED (P) UNIDIG' WHERE NOTED
- LOOP DETECTOR 6' X 6' SQUARE (OR OTHERWISE NOTED)
- CT COMMON TRENCH
- STOP LINE (BY OTHERS)

TRAFFIC SIGNAL GENERAL NOTES

1. ALL DETECTOR LOOPS SHALL CONSIST OF THE NUMBER OF TURNS REQUIRED AND SHALL BE INSTALLED IN STRICT CONFORMITY WITH THE LOOP DETECTOR MANUFACTURER'S RECOMMENDATIONS. THE DETECTOR LOOP SHALL BE MEASURED FOR THAT PORTION OF SAW CUT BEFORE THE SPLICE, AS SPECIFIED IN SECTION 7.05.04 OF THE SPECIFICATIONS FOR TRAFFIC CONTROL DEVICES.
2. LEAD-IN WIRES SHALL BE INSTALLED IN STRICT CONFORMITY WITH THE MANUFACTURER'S RECOMMENDATIONS. THE 20 SHIELDED CABLE TO BE USED FOR THE DETECTOR LOOP LEAD-IN SHALL BE MEASURED FROM THE SPLICE TO THE CONTROLLER, AS SPECIFIED IN SECTION 7.05.04 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL DEVICES. FLAT CABLE WILL NOT BE PERMITTED.
3. ALL SIGNAL AND DETECTOR ELECTRIC CABLE THAT IS FURNISHED BY THE CONTRACTOR SHALL BE PROTECTED BY POLYETHYLENE INSULATION WITH A POLYVINYLCHLORIDE JACKET. SERVICE CABLE MAY HAVE AN NLP JACKET.
4. THE REMOVAL AND REPLACEMENT OF SIDEWALK, DRIVEWAY, MEDIAN, AND ISLAND SURFACE DRIVEWAY AT HANDHOLES, JACKING PITS, INSPECTION OPENINGS, AND CONCRETE JUNCTION BOXES SHALL BE SAWE CUT AROUND THE AREA TO BE REMOVED. THE REMOVAL AND REPLACEMENT OF SIDEWALK, DRIVEWAY, MEDIAN, AND ISLAND SURFACE PAVING WILL BE PAID FOR SEPARATELY.
5. THE EXACT LOCATION OF ALL UTILITIES SHALL BE INDICATED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE TRAFFIC SIGNAL SYSTEM. FOR LOCATION OF UTILITIES, CALL ILL. E, TOLL-FREE NUMBER 1-800-382-0123.
6. ALL SIGNAL POST AND MAST ARM POLES SHALL BE LOCATED WITH THEIR CENTERLINES A MINIMUM OF FOUR (4) AND SIX (6) FEET, RESPECTIVELY, FROM THE BACK OF CURB, UNLESS NOTED OR DIMENSIONED TO THE CONTRARY ON THE DRAWINGS. IN NON-CURBED AREAS, THE MAST ARM POLE SHALL BE LOCATED A MINIMUM OF TEN (10) FEET BEHIND THE EDGE OF PAVEMENT OR TWO (2) FEET BEHIND THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. SIGNAL POSTS SHOULD BE PLACED AT A MINIMUM OF TWO (2) FEET BEHIND THE EDGE OF THE SHOULDER.
7. THE RESIDENT ENGINEER SHALL MARK LOCATIONS OF ALL DETECTOR LOOPS AND CONTACT THE ILL. STATE AREA TRAFFIC SIGNAL ENGINEER AT 848-4848 FOR LOCATION APPROVAL PRIOR TO THE CUTTING OF LOOPS.



NOTE: THIS PLAN IS FOR THE SOLE PURPOSE OF INSTALLING PEDESTRIAN SIGNALS AND OTHER MODIFICATIONS AS INDICATED BY A ★. ALL OTHER WORK SHOWN IS FOR INFORMATION ONLY.

★ Plans revised by JAMES J. BENES & ASSOCIATES

REVISIONS	
NAME	DATE
ADDITION OF PEDESTRIAN EQUIPMENT	04/25/05