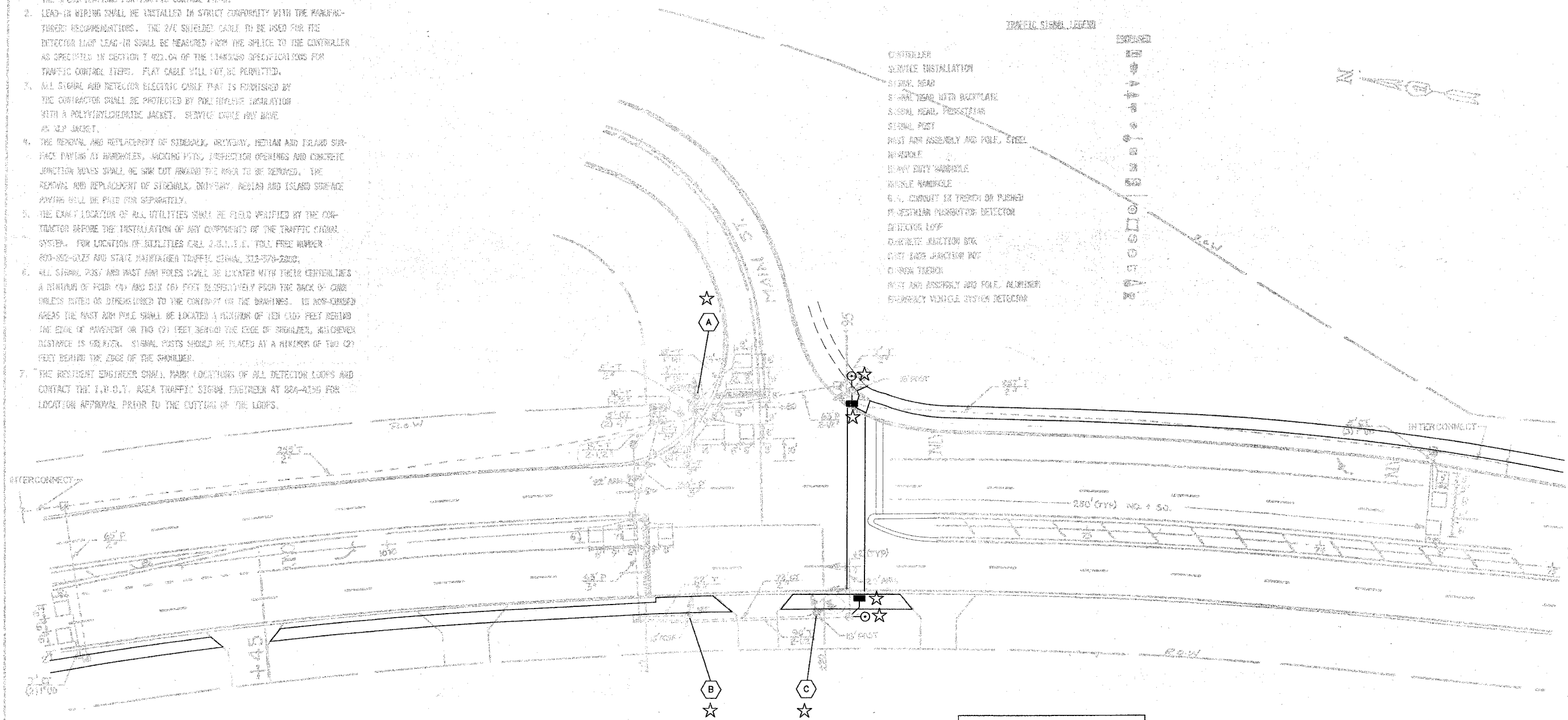


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
870	04-00051-00-SW	DuPAGE	46	19
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 83820				

- GENERAL NOTES**
- ALL DETECTOR LOOPS SHALL CONSIST OF THE NUMBER OF TURNS REQUIRED AND SHALL BE INSTALLED IN STRICT CONFORMITY WITH THE LOOP DETECTION AMPLIFIER MANUFACTURER'S RECOMMENDATIONS. THE DETECTOR LOOP SHALL BE MEASURED FOR THAT PORTION OF CAV CUT BEYOND THE SPLICE AS SPECIFIED IN SECTION T 418.09 OF THE SPECIFICATIONS FOR TRAFFIC CONTROL SYSTEMS.
  - LEAD-IN WIRING SHALL BE INSTALLED IN STRICT CONFORMITY WITH THE MANUFACTURER'S RECOMMENDATIONS. THE 2/0 SHIELDED CABLE TO BE USED FOR THE DETECTOR LEAD-IN SHALL BE MEASURED FROM THE SPLICE TO THE CONTROLLER AS SPECIFIED IN SECTION T 423.04 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL SYSTEMS. FLAT CABLE WILL NOT BE PERMITTED.
  - ALL SIGNAL AND DETECTOR ELECTRIC CABLE THAT IS FURNISHED BY THE CONTRACTOR SHALL BE PROTECTED BY POLYETHYLENE INSULATION WITH A POLYVINYLCHLORIDE JACKET. SERVICE WIRE MAY HAVE AN O.P. JACKET.
  - THE REMOVAL AND REPLACEMENT OF SIDEWALK, DRIVEWAY, MEDIAN AND ISLAND SURFACE PAVING BY HANDMADE, JACKING PITS, INSPECTION OPENINGS AND CONCRETE JUNCTION BOXES SHALL BE SHOWN TO THE WORKER TO BE REMOVED. THE REMOVAL AND REPLACEMENT OF SIDEWALK, DRIVEWAY, MEDIAN AND ISLAND SURFACE PAVING WILL BE PAID FOR SEPARATELY.
  - THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE TRAFFIC SIGNAL SYSTEM. FOR LOCATION OF UTILITIES CALL 2-6-1-1, I.E. TOLL FREE NUMBER 800-852-6125 AND STATE MAINTAINED TRAFFIC SIGNAL 312-378-2200.
  - 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.
  - THE RESIDENT ENGINEER SHALL MARK LOCATIONS OF ALL DETECTOR LOOPS AND CONTACT THE I.I.D.T. AREA TRAFFIC SIGNAL ENGINEER AT 824-4299 FOR LOCATION APPROVAL PRIOR TO THE CUTTING OF THE LOOPS.

- TRAFFIC SIGNAL LEGEND**
- CONTROLLER
  - SERVICE INSTALLATION
  - SIGNAL HEAD
  - SIGNAL HEAD WITH BACKPLATE
  - SIGNAL HEAD, PEDESTRIAN
  - SIGNAL POST
  - MAST ARM ASSEMBLY AND POLE, STEEL
  - MONOPOLE
  - HEAVY DUTY WANDERLE
  - DOUBLE WANDERLE
  - G.I. CONDUIT IN TRENCH OR PUSHED
  - PEDESTRIAN INDICATION DETECTOR
  - DETECTOR LOOP
  - CONCRETE JUNCTION BOX
  - CURT BARS JUNCTION BOX
  - CONCRETE TRENCH
  - POST AND ASSEMBLY AND POLE, ALUMINUM
  - EMERGENCY VEHICLE SYSTEM DETECTOR



- A** REPLACE TRAFFIC SIGNAL HEAD; FROM 1-FACE, 4-SECTION TO 1-FACE, 3-SECTION BRACKET MOUNTED
- B** REPLACE TRAFFIC SIGNAL HEAD; FROM 2-FACE, 1-4 SECTION, 1-3 SECTION TO 2-FACE, 2-3 SECTION, BRACKET MOUNTED
- C** REPLACE TRAFFIC SIGNAL HEAD; FROM 1-FACE, 3-SECTION TO 1-FACE, 3-SECTION BRACKET MOUNTED

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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC SIGNAL INSTALLATION**  
 ILL. RTE. 53 & MAIN ST.

SCALE: HORIZ. 1" = 20'  
 VERT. 1" = 20'  
 DATE: 7-21-05

DRAWN BY: M.J.H.  
 DESIGNED BY: D.J.P.  
 CHECKED BY: [Signature]

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