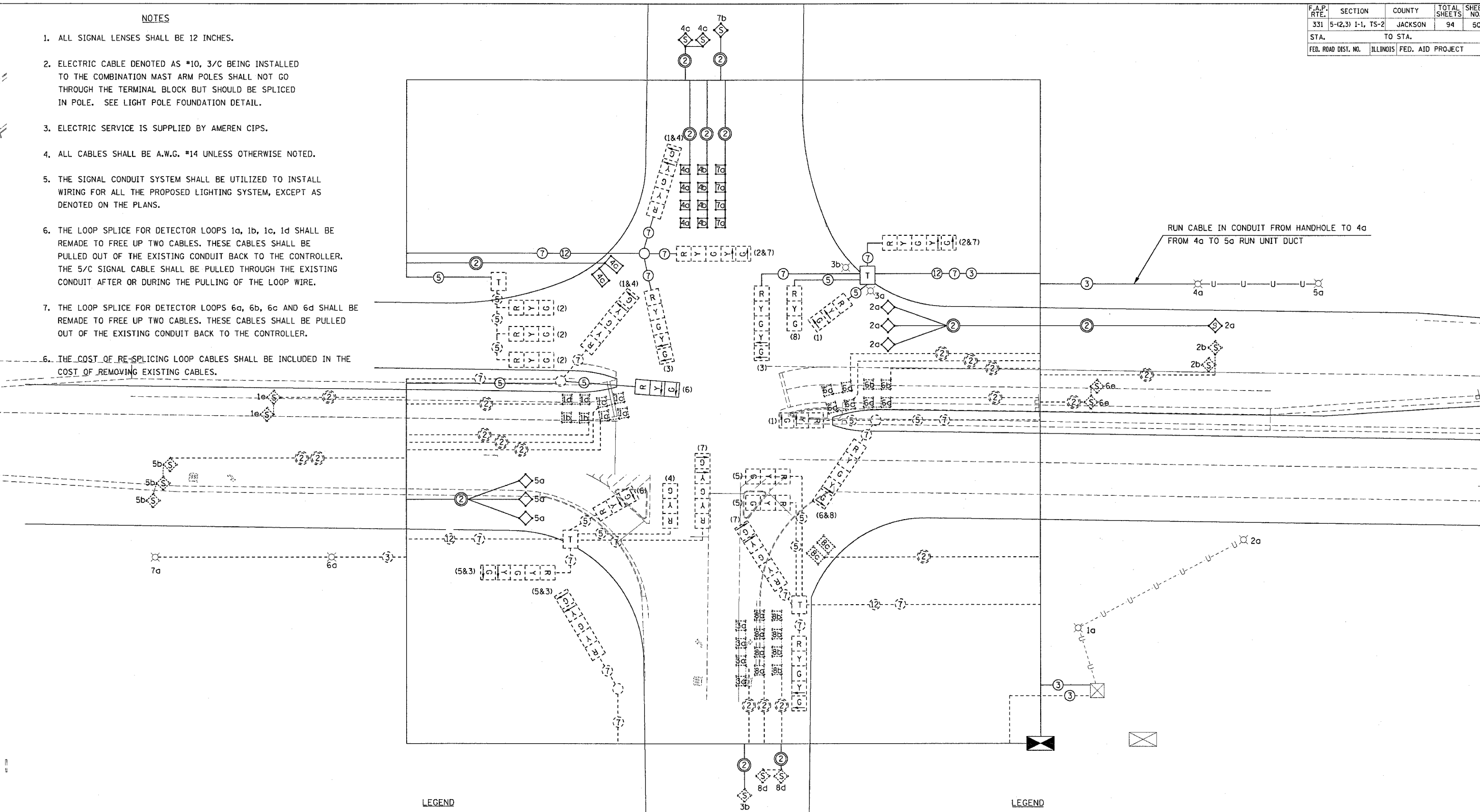


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	5-(2,3)	JACKSON	94	50
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTES

- ALL SIGNAL LENSES SHALL BE 12 INCHES.
- ELECTRIC CABLE DENOTED AS #10, 3/C BEING INSTALLED TO THE COMBINATION MAST ARM POLES SHALL NOT GO THROUGH THE TERMINAL BLOCK BUT SHOULD BE SPLICED IN POLE. SEE LIGHT POLE FOUNDATION DETAIL.
- ELECTRIC SERVICE IS SUPPLIED BY AMEREN CIPS.
- ALL CABLES SHALL BE A.W.G. #14 UNLESS OTHERWISE NOTED.
- THE SIGNAL CONDUIT SYSTEM SHALL BE UTILIZED TO INSTALL WIRING FOR ALL THE PROPOSED LIGHTING SYSTEM, EXCEPT AS DENOTED ON THE PLANS.
- THE LOOP SPlice FOR DETECTOR LOOPS 1a, 1b, 1c, 1d SHALL BE REMADE TO FREE UP TWO CABLES. THESE CABLES SHALL BE PULLED OUT OF THE EXISTING CONDUIT BACK TO THE CONTROLLER. THE 5/C SIGNAL CABLE SHALL BE PULLED THROUGH THE EXISTING CONDUIT AFTER OR DURING THE PULLING OF THE LOOP WIRE.
- THE LOOP SPlice FOR DETECTOR LOOPS 6a, 6b, 6c AND 6d SHALL BE REMADE TO FREE UP TWO CABLES. THESE CABLES SHALL BE PULLED OUT OF THE EXISTING CONDUIT BACK TO THE CONTROLLER.
- THE COST OF RE-SPLICING LOOP CABLES SHALL BE INCLUDED IN THE COST OF REMOVING EXISTING CABLES.



LEGEND

- T INDICATES TERMINAL BLOCK IN MAST ARM POLE BASE (SEE NOTE NO. 2)
- G 12" TRAFFIC SIGNAL SECTION
- ☒ TRAFFIC SIGNAL CONTROLLER CABINET
- ☒ LIGHTING CONTROLLER WITH PHOTOCELL RELAY
- ② INDICATES 2/C TWISTED, SHIELDED CABLE IN CONDUIT
- ⑤ NUMBER IN CIRCLE INDICATES NUMBER OF CONDUCTORS IN THAT CABLE
- ② INDICATES MULTIPLE CABLES
- ④ NUMBER IN PARENTHESIS INDICATES PHASE

LEGEND

- 1a NUMBER INDICATES PHASE; LETTER OR LETTERS IDENTIFY AMPLIFIER
- ☒1a EXISTING LUMINAIRE
- 2a S INDICATES EXIST. 5' x 5' ADVANCE LOOP WITH 2" CORE DRILLED CORNERS; NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER, "S" INDICATES SYSTEM LOOP.
- EXISTING CABLE IN CONDUIT TO REMAIN IN PLACE
- U----- EXISTING UNIT DUCT, 1 IN 2-600XLP#6 WITH #6 COPPER GROUND TO REMAIN
- U— PROPOSED UNIT DUCT 2-600XLP#10, 1#10XLP BARE GROUND 3/4" POLYETHYLENE
- ☒ EXISTING 6' X 6' LOOP TO REMAIN IN PLACE
- ☒ PROPOSED 6' X 6' LOOP

TRAFFIC SIGNAL CABLE DIAGRAM

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