



NOTES

1. ALL CABLES SHALL BE A.W.G. #14 UNLESS OTHERWISE NOTED.
2. ELECTRIC SERVICE IS SUPPLIED BY AMEREN CIPS.
3. ELECTRIC CABLE DENOTED AS 3-1/2 NO. 10 BEING INSTALLED TO THE COMBINATION MAST ARM POLES SHALL NOT GO THROUGH THE TERMINAL BLOCK BUT SHOULD BE SPLICED IN POLE. SEE STEEL COMBINATION MAST ARM ASSEMBLY AND POLE.
4. PROPOSED COAXIAL CABLE AND ANTENNA INCLUDED IN THE COST OF FULL-ACTUATED CONTROLLER IN TYPE IV CABINET.
5. PROPOSED 2/C ELECTRIC CABLE SHOWN IN CABLE DIAGRAM ARE PAID FOR IN FEET AS ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 (1 PAIR).
6. ALL SIGNAL LENSES SHALL BE 12 INCHES.

LEGEND

- TERMINAL BLOCK IN MAST ARM POLE BASE (SEE SPECIAL PROVISIONS).
- TRAFFIC SIGNAL POST
- TWIN TENON FOR TWO LUMINAIRES. NUMBER INDICATES POSITION OF POLE IN WIRING DIAGRAM. LETTER INDICATES LUMINAIRE ON POLE.
- 12" TRAFFIC SIGNAL SECTION. LETTER INDICATES COLOR.
- TRAFFIC SIGNAL CONTROLLER CABINET
- LIGHTING CONTROLLER, BASE MOUNTED, 240V, 100AMP
- INDICATES 2/C TWISTED, SHIELDED CABLE IN CONDUIT
- NUMBER IN CIRCLE INDICATES NUMBER OF CONDUCTORS IN THAT CABLE
- (4) NUMBER IN PARENTHESIS INDICATES PHASE
- 5' X 5' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS. NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER.
- 6' X 10' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS. NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER.
- 6' X 20' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS. NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER.
- 5' X 5' LOOP WITH 2" CORE DRILLED CORNERS: NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER, "S" INDICATES SYSTEM LOOP.
- PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1 FACE, BRACKET MOUNTED
- PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2 FACE, BRACKET MOUNTED
- PEDESTRIAN PUSH-BUTTON

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNALS
CABLE DIAGRAM - IL 13 / RUSSELL**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	01X-11R-5,RS-3,N-5,TS-4	WILLIAMSON	288	134
CONTRACT NO. 78203				
ILLINOIS FED. AID PROJECT				