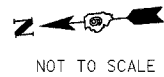
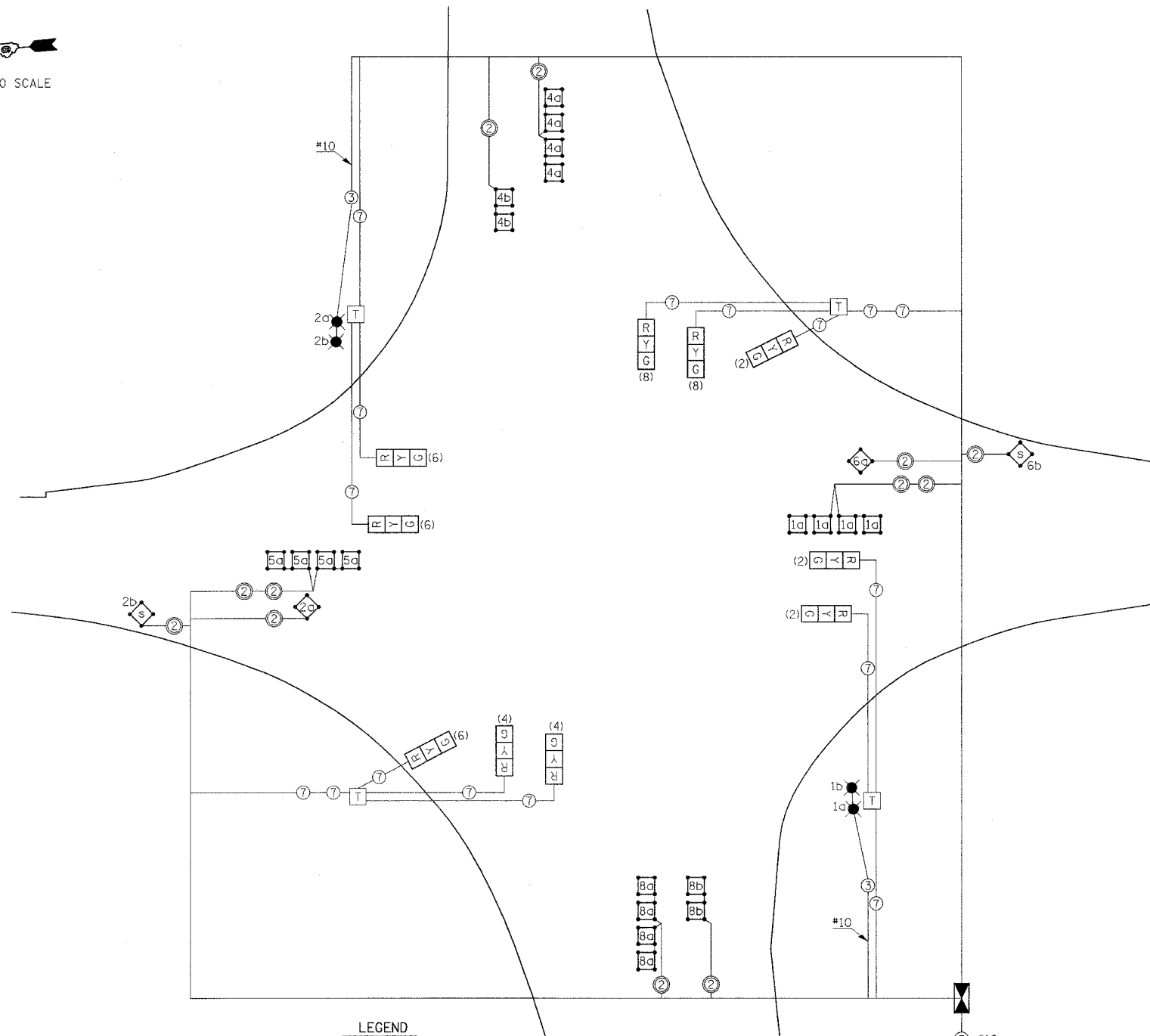


F.A.S. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
1911	10TS	JACKSON	8	6
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOT TO SCALE



LEGEND

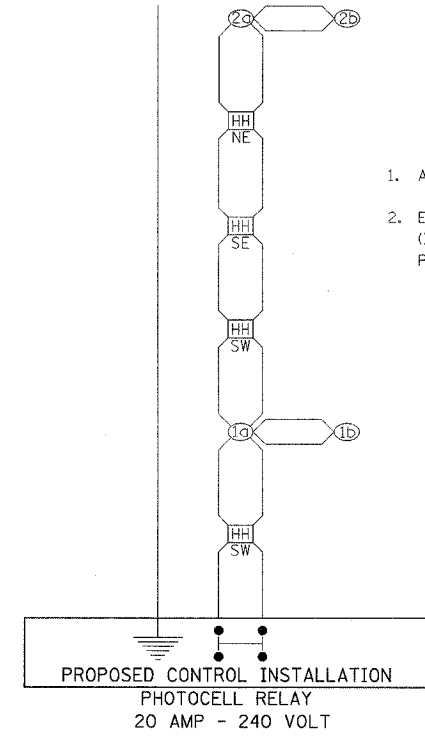
- INDICATES TERMINAL BLOCK IN MAST ARM POLE BASE (SEE SPECIAL PROVISIONS) SEE NOTE NO. 1.
- INDICATES 6' x 6' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS.
- INDICATES 5' x 5' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS. THESE LOOPS REQUIRE AMPLIFIERS WITH SYSTEM OUTPUT
- 12" TRAFFIC SIGNAL SECTION
- TRAFFIC SIGNAL CONTROLLER CABINET
- LIGHTING CONTROLLER WITH PHOTOCELL RELAY
- INDICATES 5' x 5' ADVANCE LOOP WITH 2" CORE DRILLED CORNERS; NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER, "S" INDICATES SYSTEM LOOP.
- INDICATES 2/C TWISTED, SHIELDED CABLE IN CONDUIT.
- NUMBER IN CIRCLE INDICATES NUMBER OF CONDUCTORS IN THAT CABLE.
- INDICATES MULTIPLE CABLES.
- NUMBER IN PARENTHESIS INDICATES PHASE.
- NUMBER INDICATES PHASE; LETTER OR LETTERS IDENTIFY AMPLIFIER
- LUMINAIRE

NOTE: ALL CABLES SHALL BE A.W.G. #14 UNLESS OTHERWISE NOTED.

NOTES

1. ALL SIGNAL LENSES SHALL BE 12 INCHES.
2. 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.
3. ELECTRIC SERVICE IS SUPPLIED BY AMEREN CIPS.

WIRING DIAGRAM FOR ROADWAY LIGHTING



NOTES

1. ALL LUMINAIRES ARE 250 WATTS.
2. ELECTRIC CABLE IN CONDUIT, 600 V (XLP-TYPE USE) 3/C NO 10 IS USED IN POLES OR LUMINAIRES.

LEGEND

- INDICATES PROPOSED TRAFFIC SIGNAL HANDHOLE
 - NUMBER INDICATES POSITION OF POLE IN WIRING DIAGRAM. LETTER INDICATES LUMINAIRE ON POLE.
 - INDICATES PROPOSED GROUND AT LIGHT STANDARD.
 - INDICATES CONTINUOUS GROUND FOR CONTROL INSTALLATION.
- NOTE: THE SIGNAL CONDUIT SYSTEM SHALL BE UTILIZED TO INSTALL WIRING FOR ALL THE PROPOSED LIGHTING SYSTEM, EXCEPT AS DENOTED ON THE PLANS.
- HANDHOLE DESIGNATIONS:
 NE NORTHEAST CORNER
 SW SOUTHWEST CORNER
 SE SOUTHEAST CORNER

TRAFFIC SIGNAL CABLE DIAGRAM & WIRING DIAGRAM FOR ROADWAY LIGHTING

3/24/2006 9:55 AM C:\p05\m0525266\p0525266.dwg