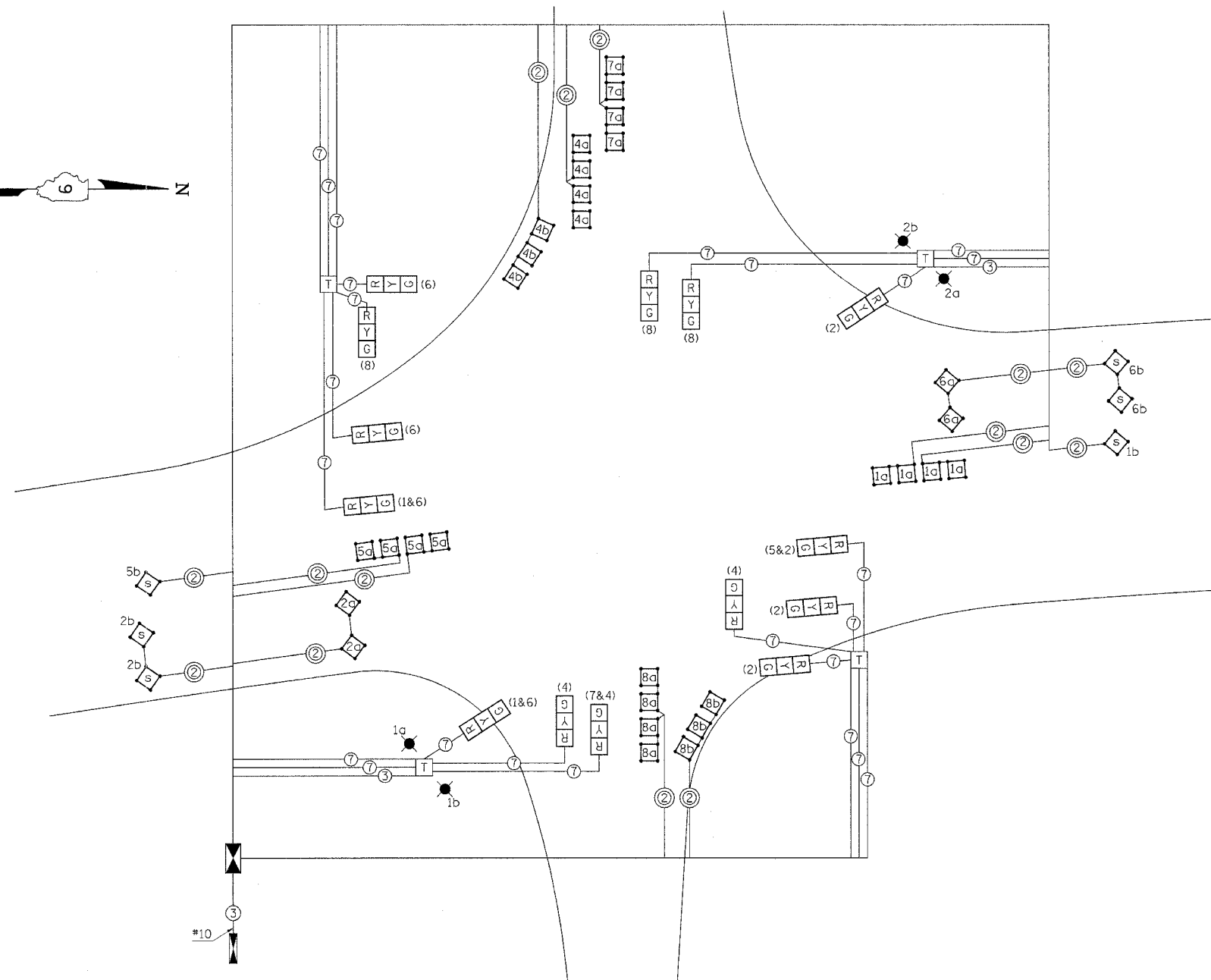


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	130 I-2,TS	WILLIAMSON	90	25
STA.	TO STA.			
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
CONTRACT NO 98884				



**LEGEND**

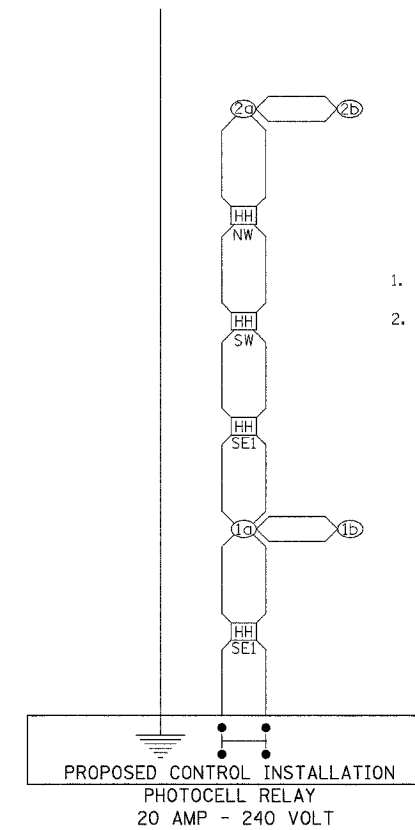
- INDICATES TERMINAL BLOCK IN MAST ARM POLE BASE (SEE SPECIAL PROVISIONS) .
- INDICATES 6' x 6' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS.
- INDICATES 5' x 5' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS.
- TRAFFIC SIGNAL CONTROLLER CABINET
- LIGHTING CONTROLLER WITH PHOTOCELL RELAY
- INDICATES 5' x 5' 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.
- (4) NUMBER IN PARENTHESIS INDICATES PHASE.
- 2a 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
  - NOTE: THE SIGNAL CONDUIT SYSTEM SHALL BE UTILIZED TO INSTALL WIRING FOR ALL THE PROPOSED LIGHTING SYSTEM.
  - 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.
- HANDHOLE DESIGNATIONS:
- NE NORTHEAST CORNER STA 114+52
  - NW NORTHWEST CORNER STA 114+87.63
  - SE1 SOUTHEAST CORNER STA 113+58.22
  - SE2 SOUTHEAST CORNER STA 113+50
  - SW SOUTHWEST CORNER STA 113+68

PLOT DATE = 04/27/84  
 FILE NAME = 711E1  
 PLOT SCALE = 1/8"=1'-0"  
 REFERENCE = SHEET#

**TRAFFIC SIGNAL CABLE DIAGRAM & WIRING DIAGRAM FOR ROADWAY LIGHTING**