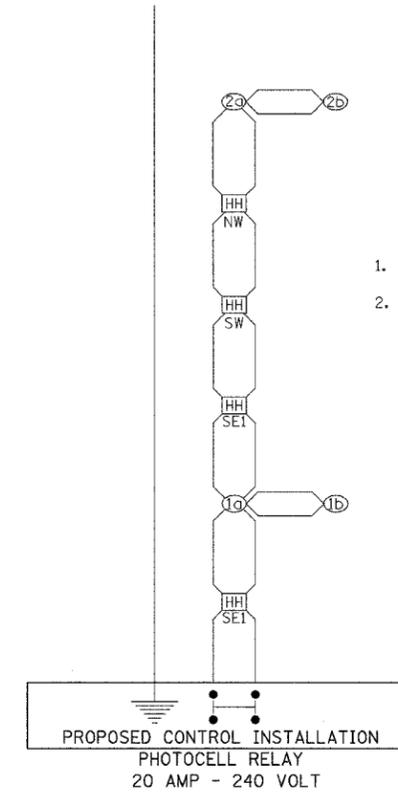
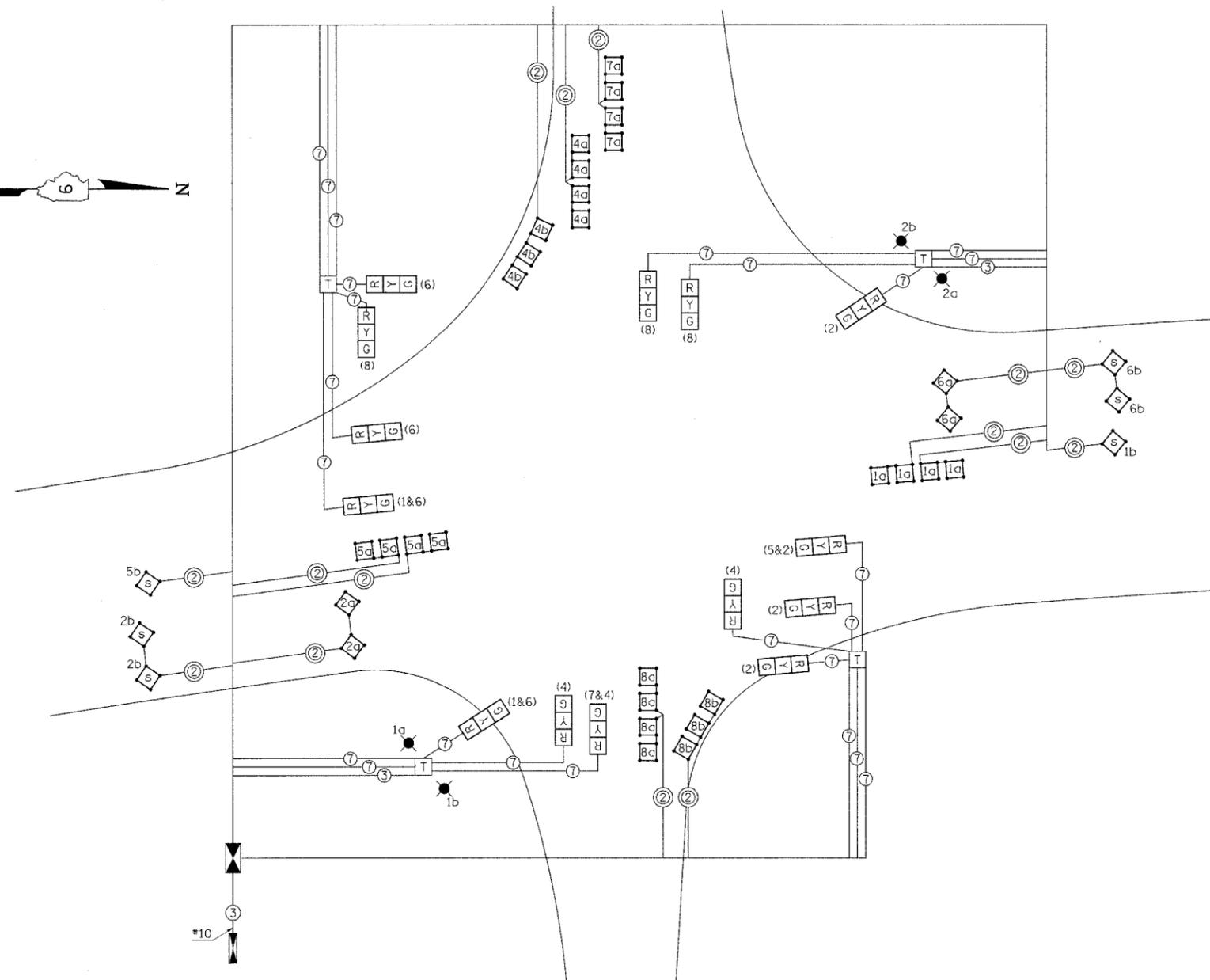


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	130 I-2,TS	WILLIAMSON	90	25
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		
CONTRACT NO 98884				

### 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 TERMINAL BLOCK IN MAST ARM POLE BASE (SEE SPECIAL PROVISIONS).   | INDICATES 2/C TWISTED, SHIELDED CABLE IN CONDUIT.               |
| INDICATES 6' x 6' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS.  | NUMBER IN CIRCLE INDICATES NUMBER OF CONDUCTORS IN THAT CABLE.  |
| INDICATES 5' x 5' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS.  | (4) NUMBER IN PARENTHESIS INDICATES PHASE.                      |
| TRAFFIC SIGNAL CONTROLLER CABINET  | 2a NUMBER INDICATES PHASE; LETTER OR LETTERS IDENTIFY AMPLIFIER |
| LIGHTING CONTROLLER WITH PHOTOCELL RELAY   | LUMINAIRE   |
| INDICATES 5' x 5' ADVANCE LOOP WITH 2" CORE DRILLED CORNERS; NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER, "S" INDICATES SYSTEM LOOP. |   |

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.

#### LEGEND

- |   |  |
|---|--|
| INDICATES PROPOSED TRAFFIC SIGNAL HANDHOLE  | NUMBER INDICATES POSITION OF POLE IN WIRING DIAGRAM. LETTER INDICATES LUMINAIRE ON POLE. |
| NOTE: THE SIGNAL CONDUIT SYSTEM SHALL BE UTILIZED TO INSTALL WIRING FOR ALL THE PROPOSED LIGHTING SYSTEM.   | INDICATES PROPOSED GROUND AT LIGHT STANDARD.   |
| HANDHOLE DESIGNATIONS:<br>NE      NORTHEAST CORNER STA 114+52<br>NW      NORTHWEST CORNER STA 114+87.63<br>SE1     SOUTHEAST CORNER STA 113+58.22<br>SE2     SOUTHEAST CORNER STA 113+50<br>SW      SOUTHWEST CORNER STA 113+68 | INDICATES CONTINUOUS GROUND FOR CONTROL INSTALLATION.                                    |

PLOT DATE = 8/20/88  
FILE NAME = 8/11/88  
REFERENCE = 8/20/88

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