

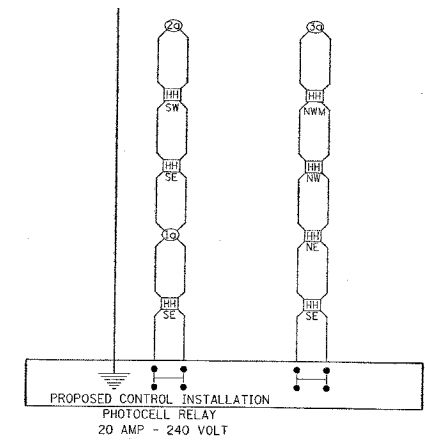
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	WILLIAMSON	917	776

STA. TO STA.
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 * I-57, & OLD IL 13 (FAU 9629)
 ** (X1-6-2)VB-2,(X1-6)HBK-2

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. ALL CABLES SHALL BE A.W.G. #14 UNLESS OTHERWISE NOTED.
4. ALL LUMINAIRES ARE 250 WATT.
5. THE SIGNAL CONDUIT SYSTEM SHALL BE UTILIZED TO INSTALL WIRING FOR THE PROPOSED LIGHTING SYSTEM WHERE CONDUIT IS REQUIRED.
6. ELECTRIC CABLE IN CONDUIT NO 10 SHALL BE USED IN POLES AND LUMINAIRES.
7. ELECTRIC SERVICE SUPPLIED BY CITY OF MARION FROM DECORATIVE ROCK LOCATED IN SE QUAD. OF THE INTERSECTION.

WIRING DIAGRAM FOR ROADWAY LIGHTING



LEGEND

- INDICATES PROPOSED TRAFFIC SIGNAL HANDHOLE
- HANDHOLE DESIGNATIONS:
 NE NORTHEAST CORNER
 NW NORTHWEST CORNER
 SE SOUTHEAST CORNER
 SW SOUTHWEST CORNER
 NWM NORTHWEST MEDIAN
- ⊙ INDICATES POSITION OF TRAFFIC SIGNAL POST IN WIRING DIAGRAM WITH LUMINAIRE
- ⊕ INDICATES CONTINUOUS GROUND FOR CONTROL INSTALLATION.

LEGEND

- T INDICATES TERMINAL BLOCK ON MAST ARM POLE (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. THESE LOOPS REQUIRE AMPLIFIERS WITH SYSTEM OUTPUT
- ▭ INDICATES 6' X 14' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS.
- G 12" TRAFFIC SIGNAL SECTION
- ☒ TRAFFIC SIGNAL CONTROLLER CABINET
- ☒ LIGHTING CONTROLLER WITH PHOTOCELL RELAY
- ◇ 5b INDICATES 5' X 5' ADVANCE LOOP WITH 2" CORE DRILLED CORNERS; NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER, "S" INDICATES SYSTEM
- ⊙ INDICATES 2/C TWISTED, SHIELDED CABLE IN CONDUIT
- ⊙ NUMBER IN CIRCLE INDICATES NUMBER OF CONDUCTORS IN THAT CABLE
- (3) NUMBER IN PARENTHESIS INDICATES PHASE
- 1a NUMBER INDICATES PHASE; LETTER OR LETTERS IDENTIFY AMPLIFIER
- ★ LUMINAIRE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**WIRING DIAGRAM FOR
 INTERSECTION RAMP E/EE
 AND OLD IL 13**

SCALE: VERT. NONE
 HORIZ. DATE DRAWN BY MB
 CHECKED BY

PLOT DATE = 10/16/2005
 FILE NAME = c:\pwork\mbs\j0202002\old13\old13.dgn
 PLOT SCALE = 1/8" = 1' IN.
 USER NAME = headon

