F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	WILLIAMSON	917	778

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
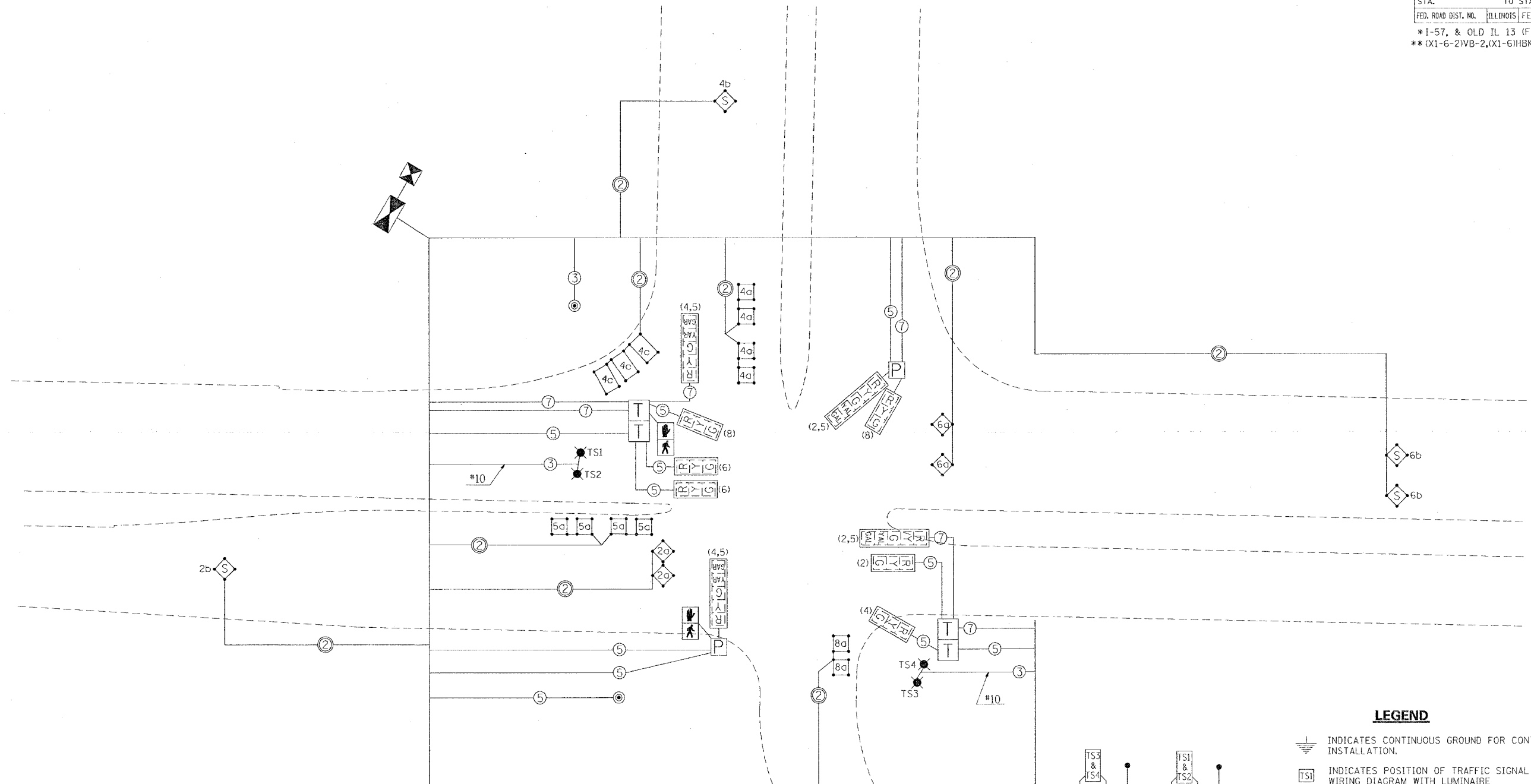
LEGEND

T INDICATES TERMINAL BLOCK ON MAST ARM POLE (SEE SPECIAL PROVISIONS)

P INDICATES TRAFFIC SIGNAL POST

☐ 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

6b ◇S INDICATES 5' X 5' ADVANCE LOOP WITH 2" CORE DRILLED CORNERS: NUMBER INDICATES PHASE. LOWER CASE LETTER INDICATES AMPLIFIER, "S" INDICATES SYSTEM

② INDICATES 2/C TWISTED, SHIELDED CABLE IN CONDUIT

② 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

🚶 PEDESTRIAN SIGNAL HEAD

◉ PEDESTRIAN PUSH-BUTTON POST

LEGEND

⏚ INDICATES CONTINUOUS GROUND FOR CONTROL INSTALLATION.

TS1 INDICATES POSITION OF TRAFFIC SIGNAL POST IN WIRING DIAGRAM WITH LUMINAIRE

LIGHTING CONTROLLER
PHOTOCELL RELAY
20 AMP - 240 VOLT

NOTES:
1. ALL LUMINAIRES ARE 250 WATT.
2. THE SIGNAL CONDUIT SYSTEM SHALL BE UTILIZED TO INSTALL WIRING FOR THE PROPOSED LIGHTING SYSTEM WHERE CONDUIT IS REQUIRED.

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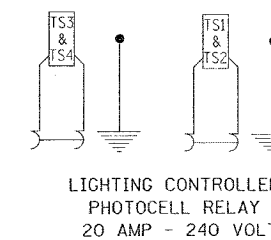
NOTE: ALL CABLES SHALL BE A.W.G. #14 UNLESS OTHERWISE NOTED

REVISIONS		
NAME	DATE	

ILLINOIS DEPARTMENT OF TRANSPORTATION

WIRING DIAGRAM FOR
OLD IL 13 RAMP F & FF

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

TS3 & TS4
TS1 & TS2