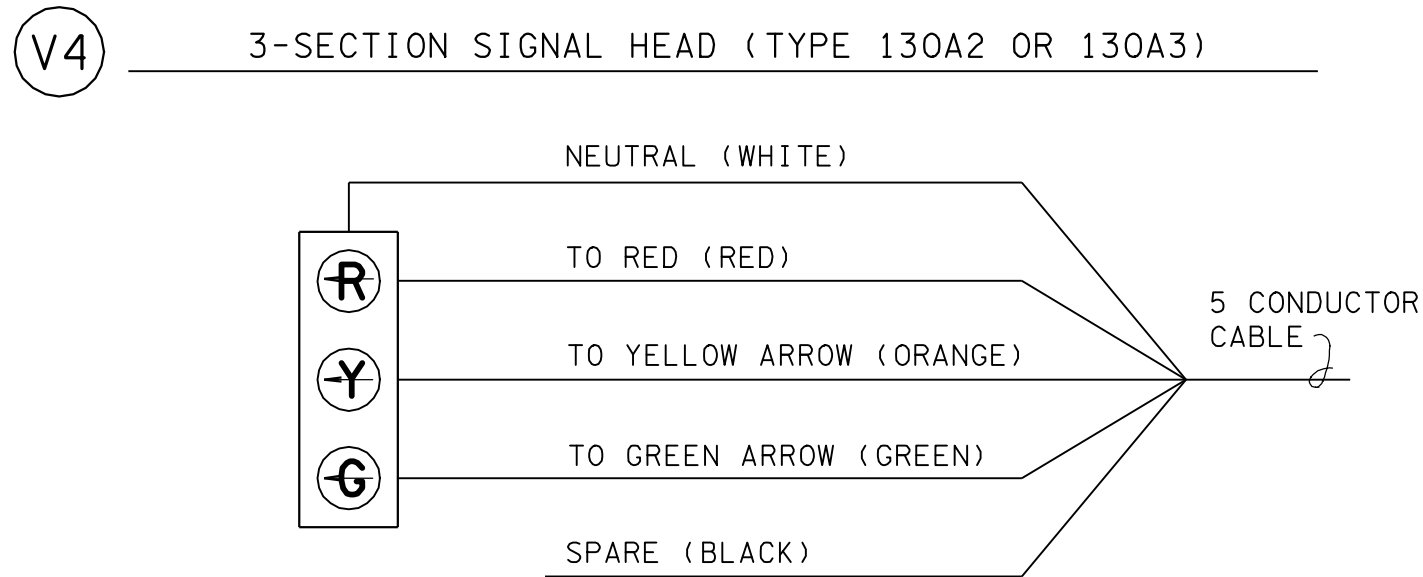
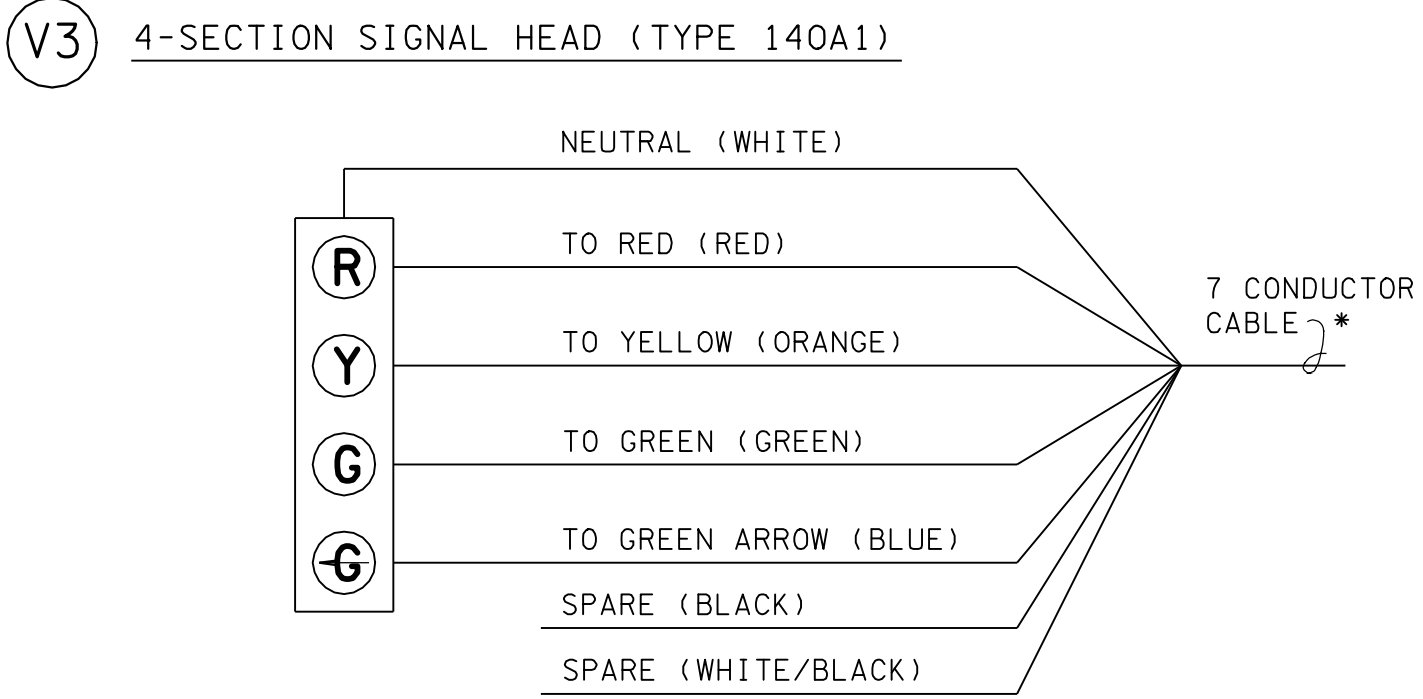
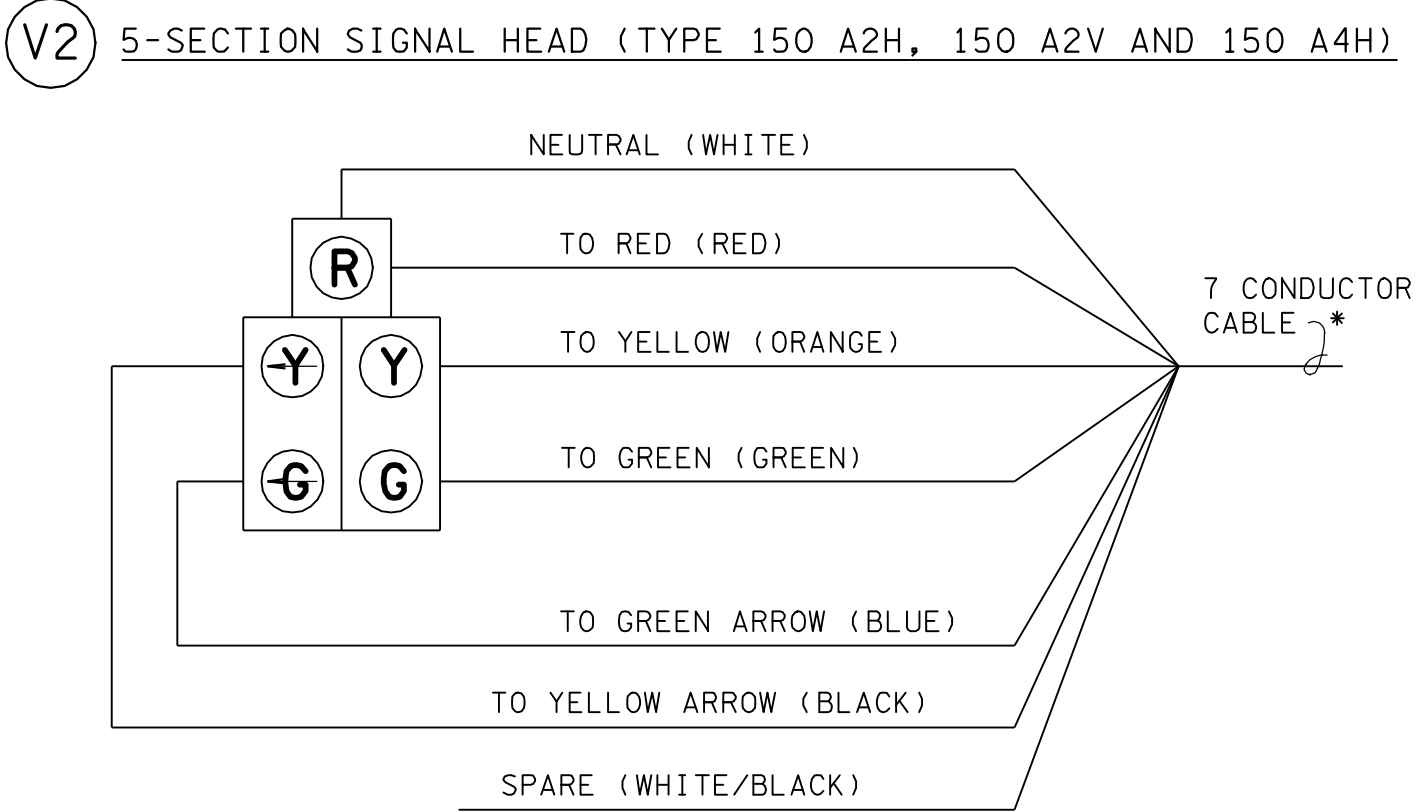
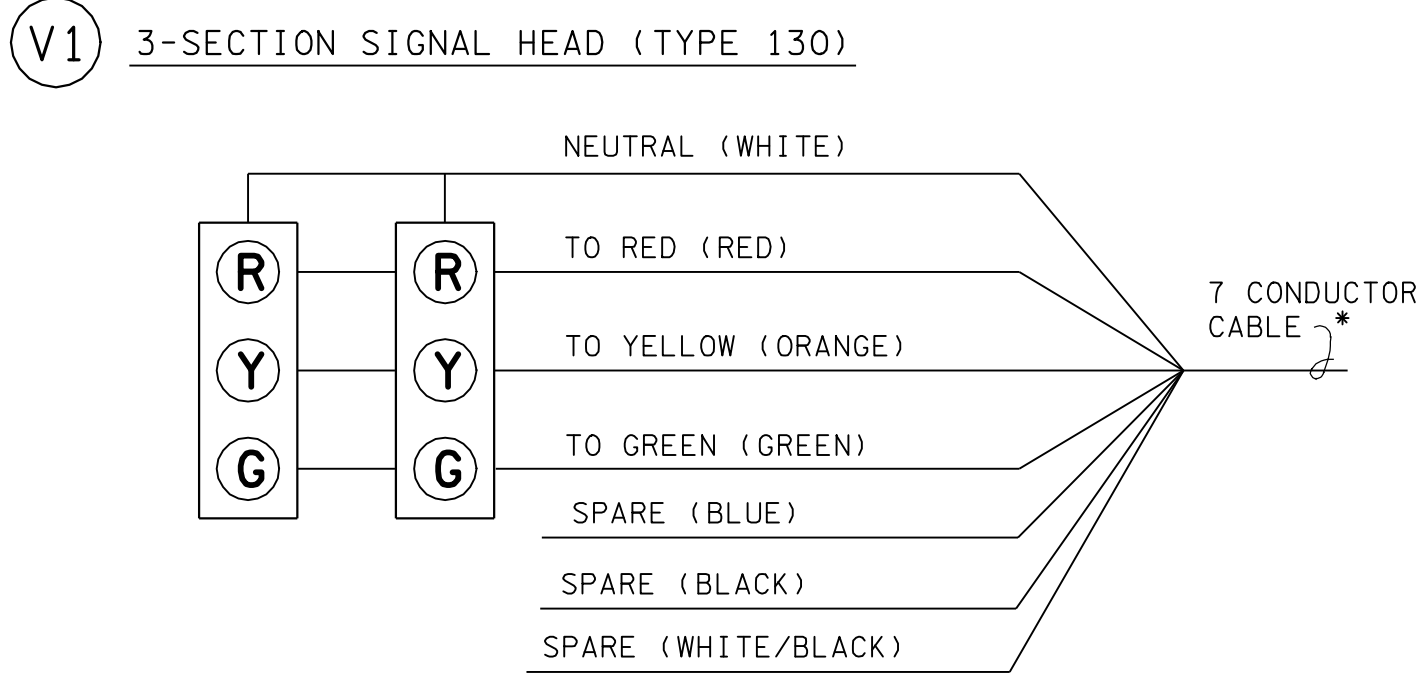
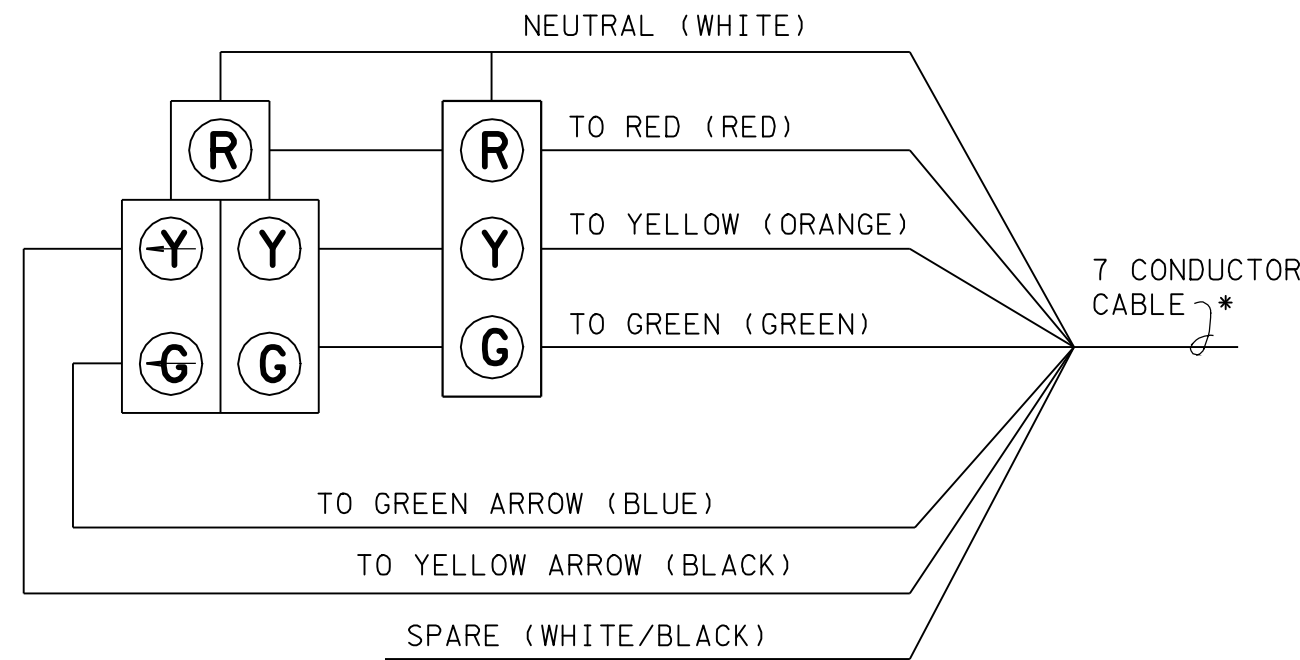


VEHICLE SIGNAL HEAD WIRING

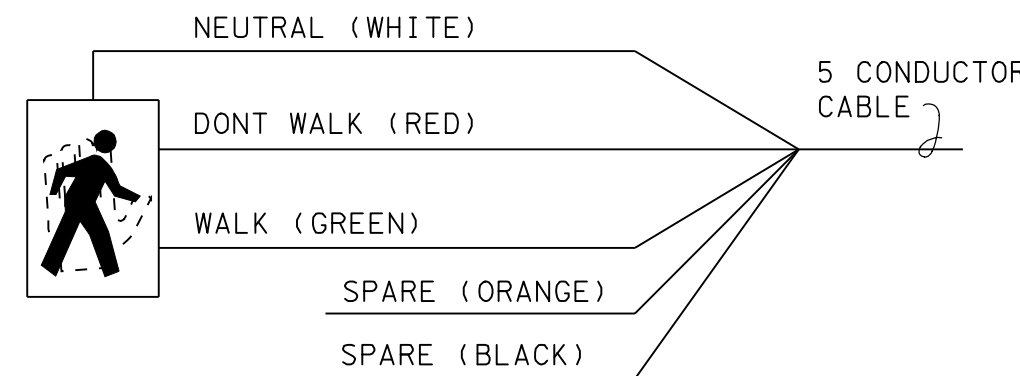


V5 COMBINATION, TYPES 130/150A2H (LEFT TURN PERM/PROT.)

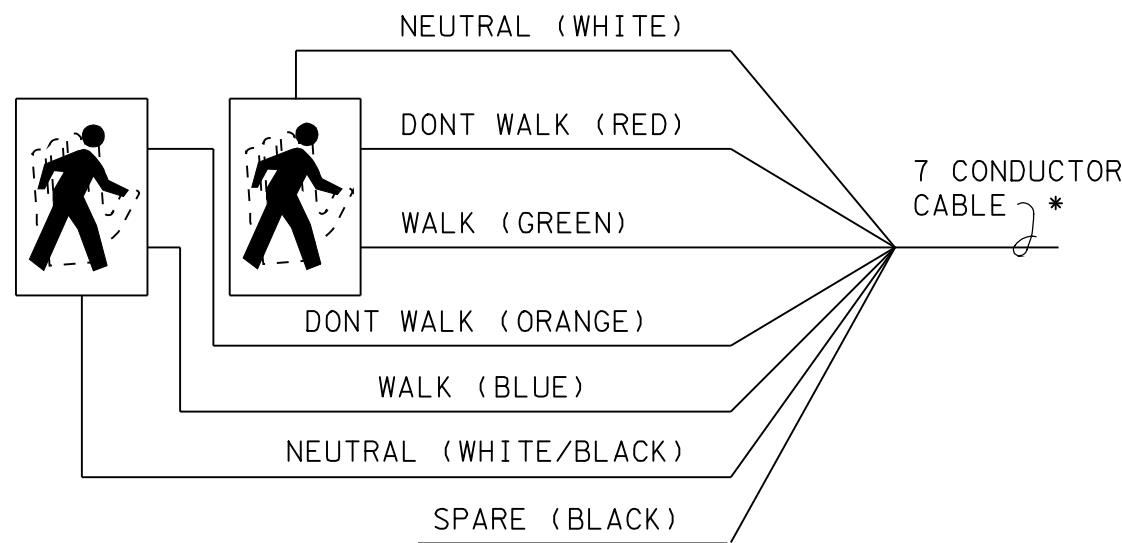


PEDESTRIAN SIGNAL HEAD & PUSHBUTTON WIRING

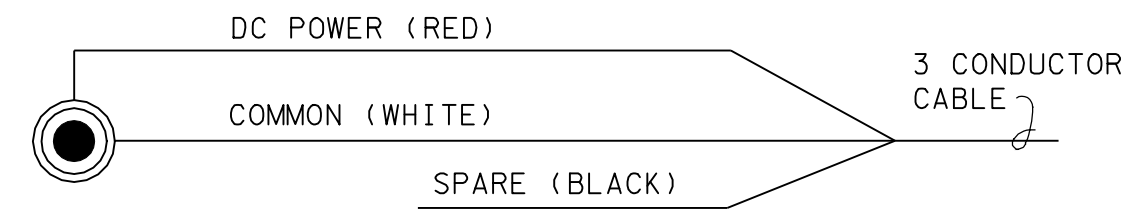
P1 SINGLE DISPLAY



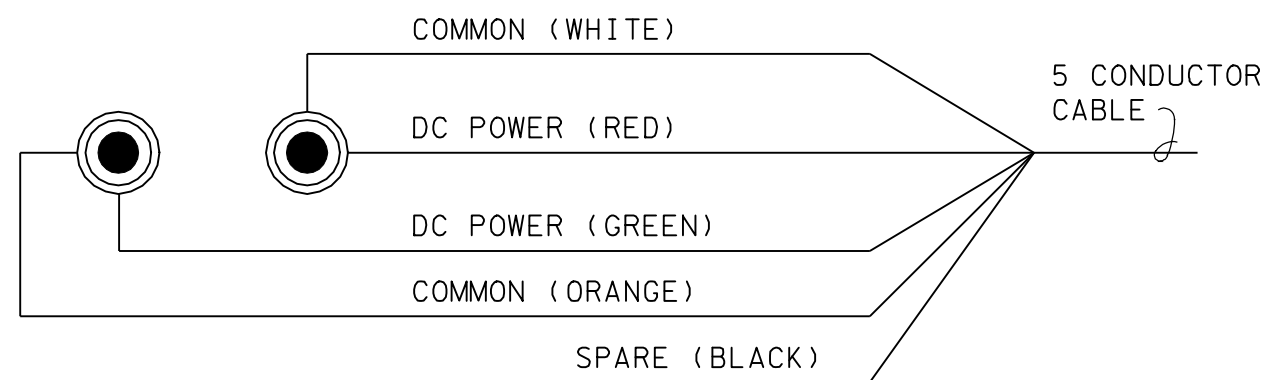
P2 DOUBLE DISPLAY (FOR SEPARATE PEDESTRIAN CROSSING INTERVALS)



P3 SINGLE PUSHBUTTON

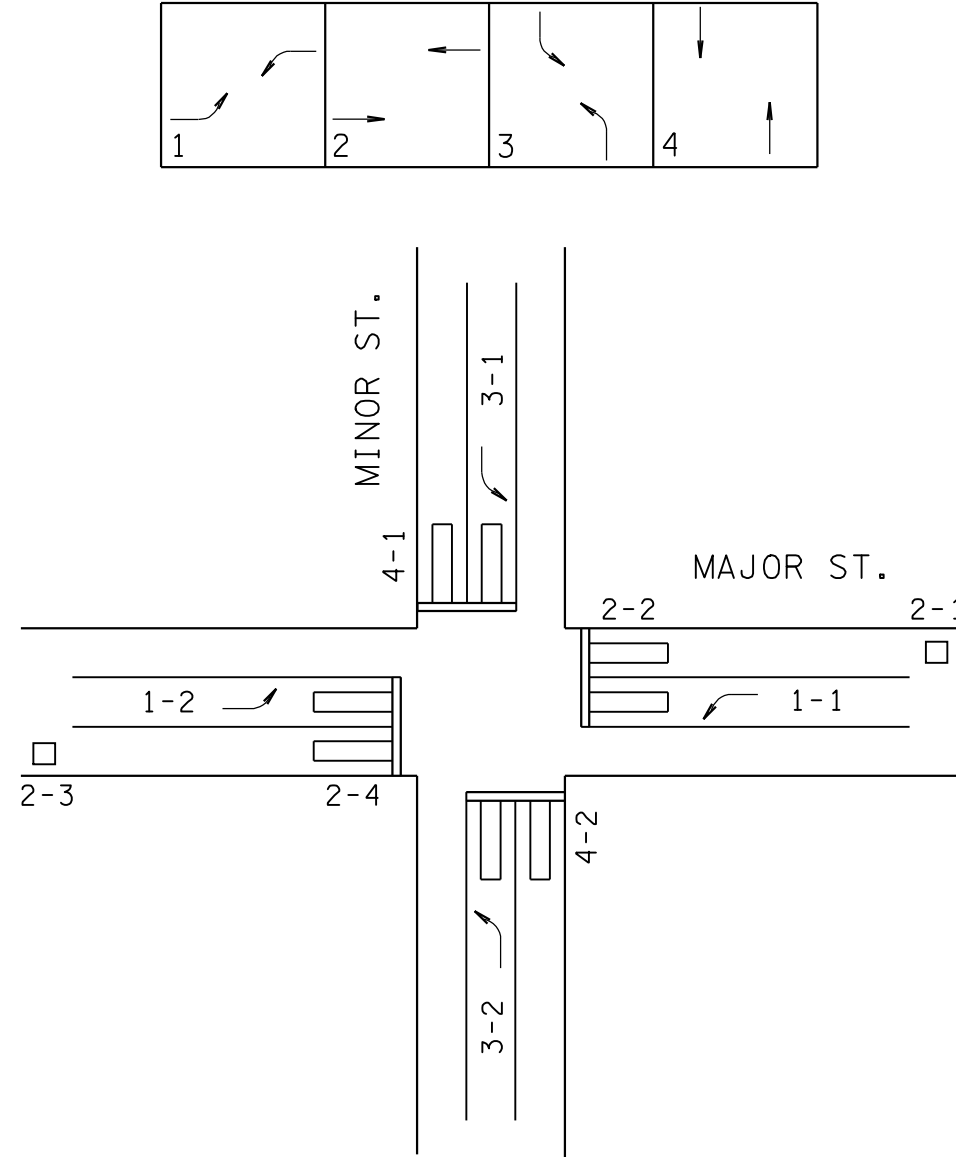


P4 DOUBLE PUSHBUTTON (FOR SEPARATE PEDESTRIAN CROSSING INTERVALS)



* 8c OR 9c MAY BE USED

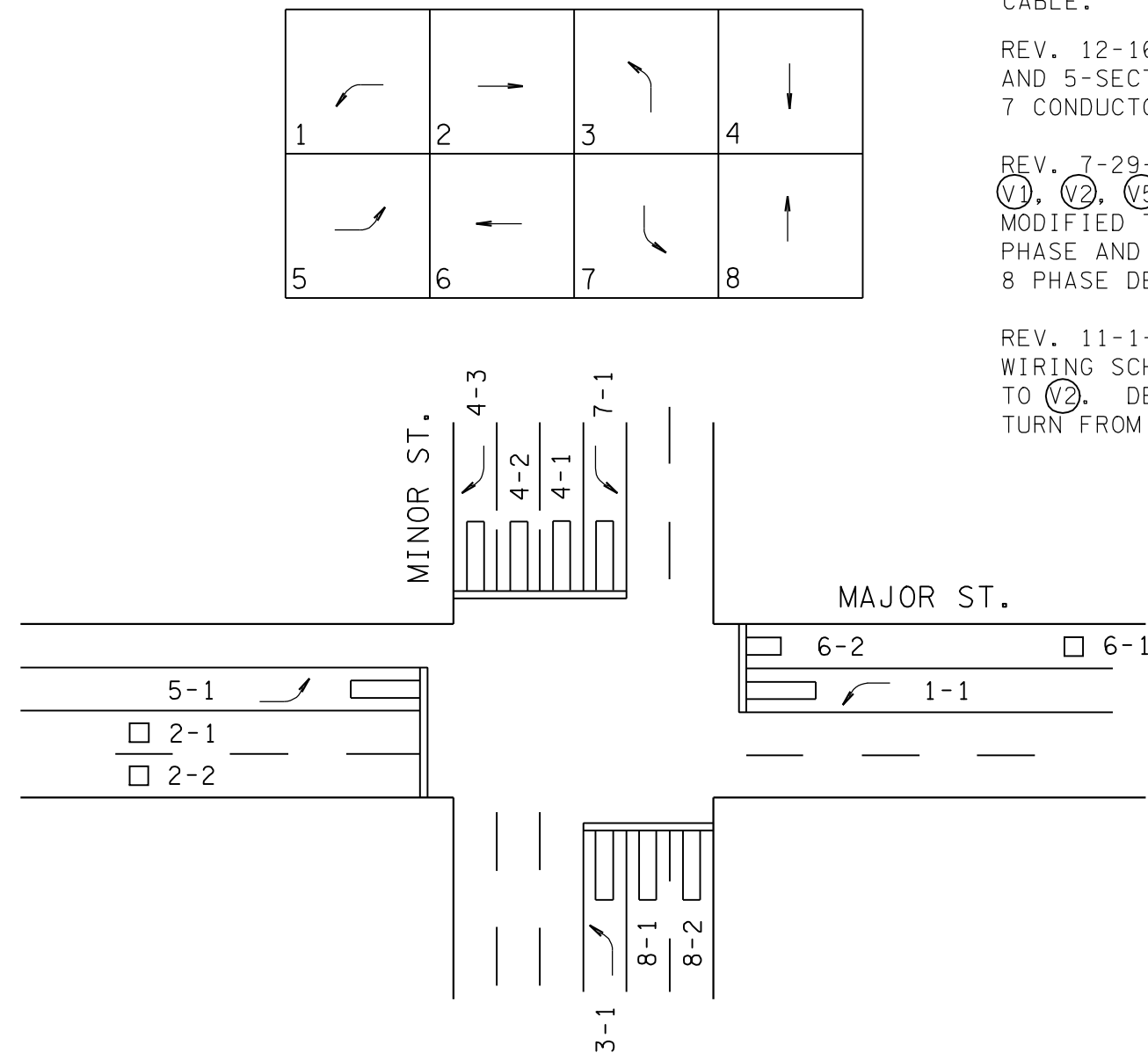
4 PHASE



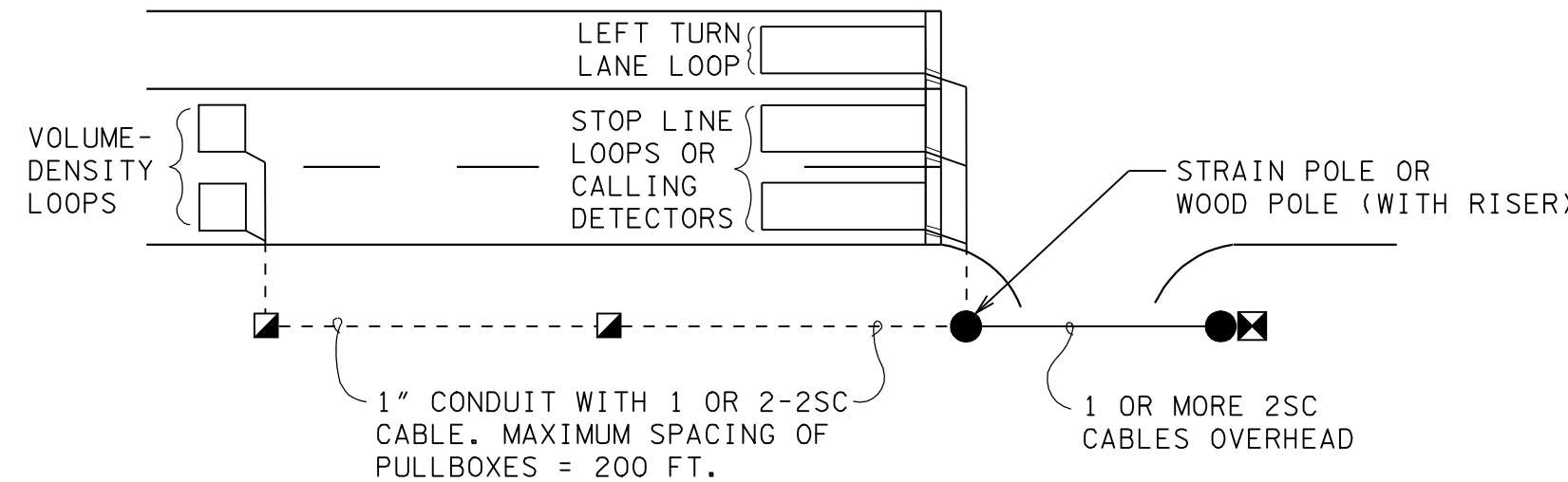
TYPICAL LOOP NUMBER-4 PHASE

- NOTE: WIRING SHALL BE LABELED TO CORRESPOND WITH THE APPROPRIATE LOOP(S).
1. LABEL LOOP LEAD-INS IN PULLBOX OR POLE BASE.
 2. LABEL SHIELDED DETECTOR CABLE IN CONTROLLER.
 3. LABEL DETECTOR UNITS AND HARNESSSES IN CONTROLLER.

NEMA 8 PHASE

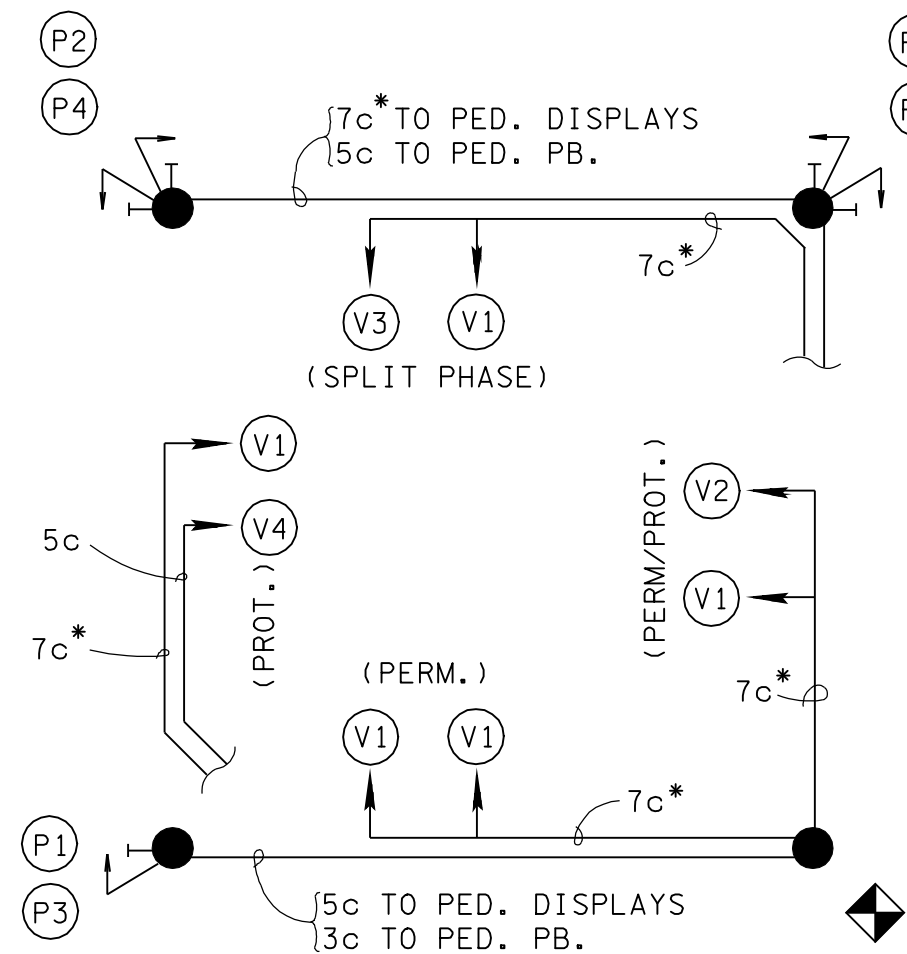


TYPICAL LOOP NUMBERING-8 PHASE



TYPICAL LOOP WIRING

NOTE: ANY OR ALL OF THE LOOPS DEPICTED MAY BE PROPOSED.



TYPICAL WIRING SCHEMATIC

(DEPICTING VARIOUS LEFT TURN TREATMENTS)

REV. 6-13-95: CHANGED 8 CONDUCTOR TO 9 CONDUCTOR CABLE.
REV. 12-16-03: CHANGE 3-SECTION AND 5-SECTION HEADS TO 7 CONDUCTOR CABLE.
REV. 7-29-04: MODIFIED DETAILS V1, V2, V3, P1, AND P2. MODIFIED TYPICAL LOOP NUMBER-4 PHASE AND TYPICAL LOOP NUMBERING-8 PHASE DETAILS.
REV. 11-1-11: REVISED TYPICAL WIRING SCHEMATIC. ADDED 150 A4H TO V2. DELETED THE WORDS LEFT TURN FROM V4.

LEGEND	
☒	CONTROLLER
☑	PULL BOX
●	POLE FOR SIGNAL SUPPORT

MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL WIRING
FOR SIGNAL HEADS
AND
DETECTION LOOPS

2-14-92 T-SG-12