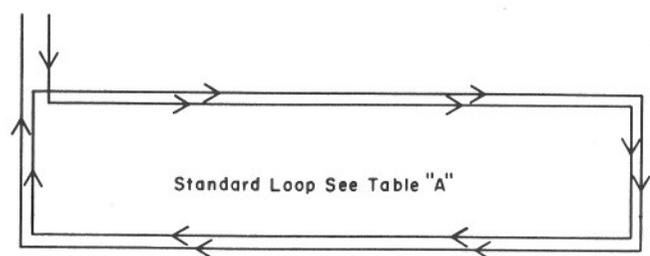
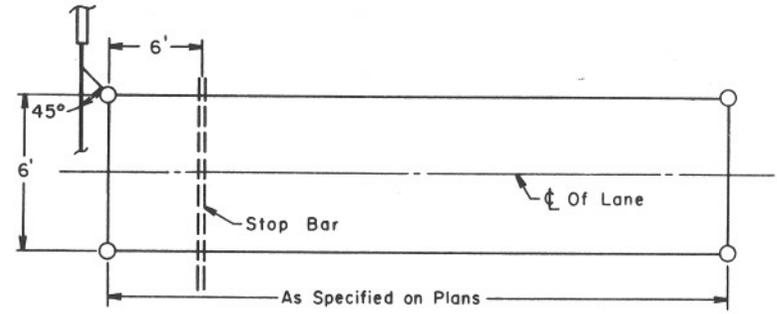


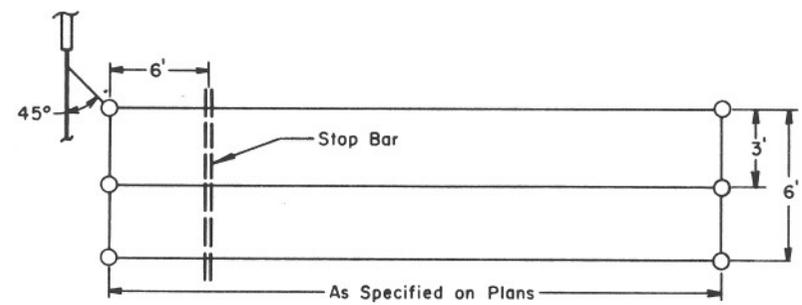
WIRING DIAGRAM FOR QUADRUPOLE DETECTOR (2 TURNS)



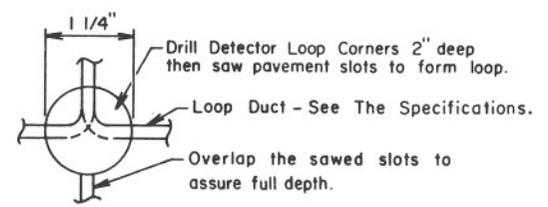
WIRING DIAGRAM



SAW CUT PATTERN FOR STANDARD DETECTOR



SAW CUT PATTERN FOR QUADRUPOLE DETECTOR

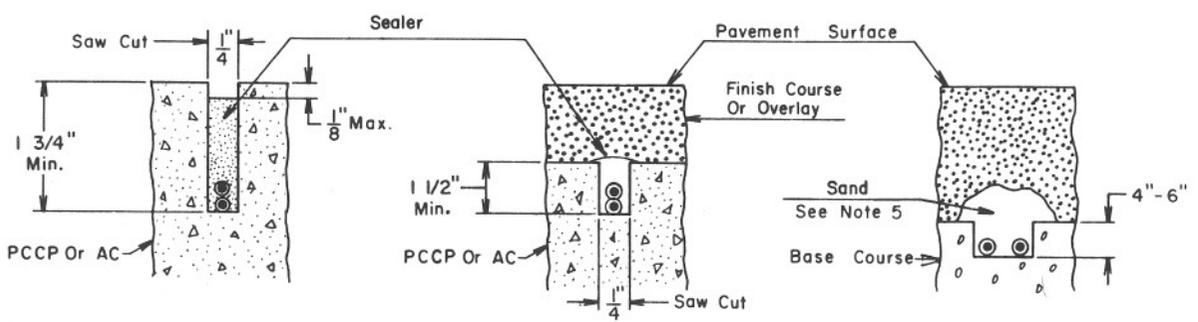


DRILLING DETAIL

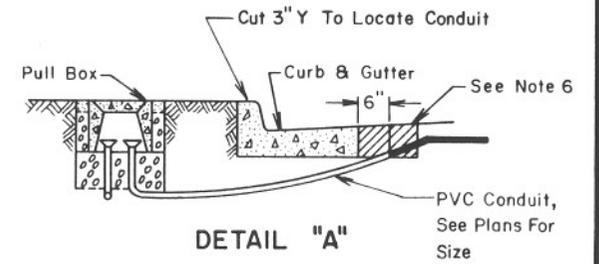
NOTES:

1. All material and construction shall conform to the requirements of the Specifications.
2. Blow out all saw cuts before installing the loop duct.
3. Saw cuts shall be filled with sealer. Surface of sealer shall be kept below wearing surface of roadway.
4. All detector loops shall be given a continuity and insulation test before and after placing the final paving or placing the sealer in the saw cuts.
5. Loop wires in sub-base shall have 2" of sand above and below.
6. Use same material (or approved equal) for patching existing pavement. Patch to at least 1/4" greater thickness than existing pavement.
7. Loop detectors shall be located in center of traveled lane unless otherwise noted on plans.
8. Number of loop turns shall be as shown unless otherwise specified.

PLAN SYMBOLS



LOOP INSTALLATIONS SECTION A-A



DETAIL "A"

TABLE "A"

LOOP PERIMETER	NO. OF TURNS
0' - 40'	3
40' or more	2

DESIGN APPROVED <i>Charlie Brown</i> 7/24/85	STATE OF ARIZONA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS STANDARD DRAWINGS	REV.
APPROVED FOR DISTRIBUTION <i>[Signature]</i>	LOOP DETECTOR LOCATION AND INSTALLATION DETAILS	DRAWING NO. T.S. 7-1.