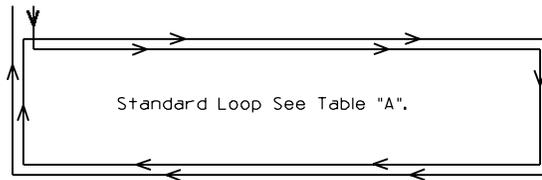
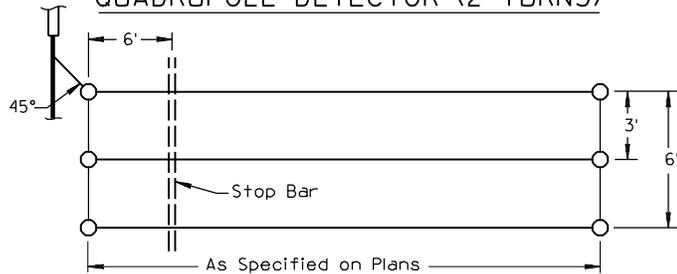


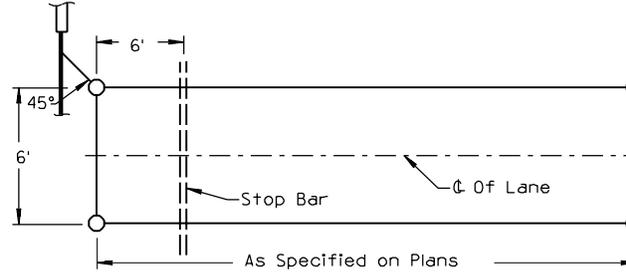
WIRING DIAGRAM FOR QUADRUPOLE DETECTOR (2 TURNS)



WIRING DIAGRAM



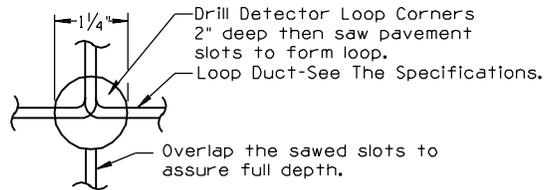
SAW CUT PATTERN FOR QUADRUPOLE DETECTOR



SAW CUT PATTERN FOR STANDARD DETECTOR

NOTES:

1. All material and construction shall conform to the requirements of the Specifications.
2. Clean and dry all saw cuts before installing the loop duct.
3. Saw cut sealant for detector loops in AC shall be the emulsified crack filler sealant per the Standard Specifications. The sand shall be pre-mixed by the manufacturer. Sealant for detector loops in PCCP shall be the Elastomeric Sealant per the Standard Specifications, or an approved two-part epoxy loop sealant.
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 sawcuts.
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.
9. Sawcut depth shall be a minimum of 2" to the top of the loop duct on all sawcuts.

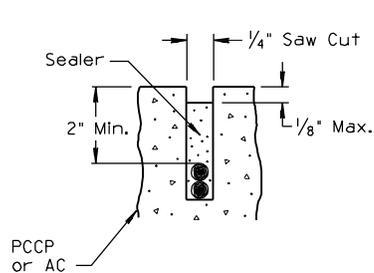


DRILLING DETAIL

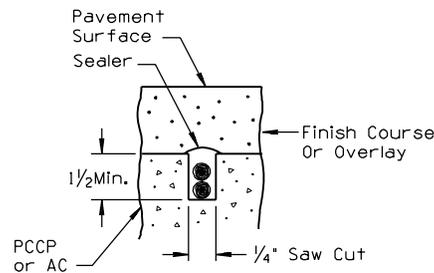
TABLE "A"

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

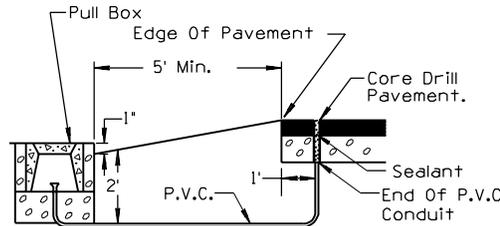
PLAN SYMBOLS



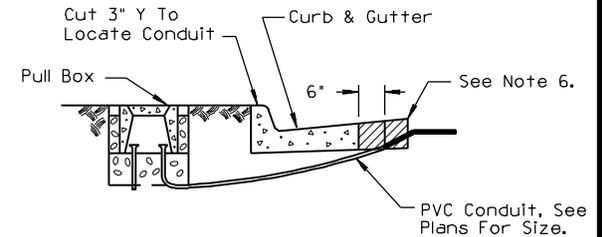
DETAIL 1



DETAIL 2



DETAIL "B" WITHOUT CURB & GUTTER



DETAIL "A" WITH CURB AND GUTTER

LOOP INSTALLATIONS SECTION A-A

DESIGN APPROVED	SIGNATURE	ARIZONA DEPT. OF TRANSPORTATION	REV.
APPROVED FOR DISTRIBUTION		INTERMODAL TRANSPORTATION DIVISION	
	ON FILE	TRAFFIC SIGNALS & LIGHTING	
		STANDARD DRAWINGS	
		LOOP DETECTOR LOCATION AND INSTALLATION DETAILS	DRAWING NO.
			T.S. 7-1