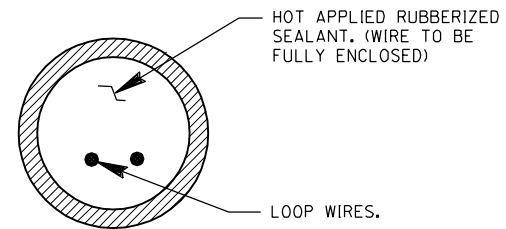


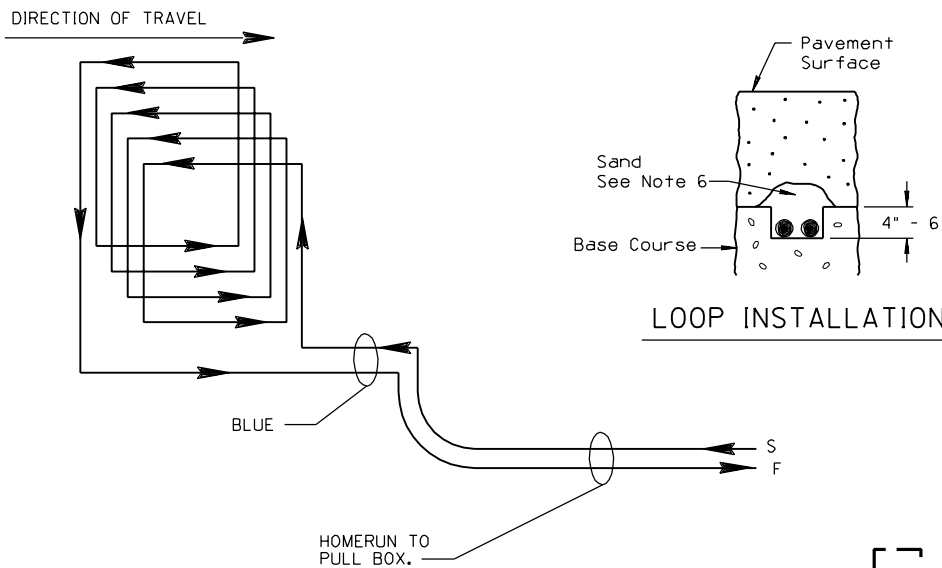
PREFORMED LOOP DETAIL
RAMP METERING INPUT/OUTPUT AND COUNT DETECTOR



SECTION
A-A

NOTES:

1. Loop detectors at PCCP areas shall be Preformed Loops. They shall be factory formed of 250 psi $\frac{3}{8}$ " I.D. hydraulic hose or $\frac{3}{8}$ " I.D. polypropylene (equivalent to Schedule 40) and shall be hot applied rubberized sealant filled with No. 16 AWG stranded wires with TFFN insulation. The entire homerun approaching the pull box shall be fabricated from 250 psi $\frac{3}{8}$ " I.D. hydraulic hose containing conductors encased in rubberized sealant. See Special Provisions.
2. The detector loop layouts shown are general in nature only. The contractor shall verify the length and direction of the homeruns with actual field conditions.
3. All loop assemblies shall be tested before and after concrete pours.
4. No cutting of reinforcing steel will be allowed for the placement of detector loop and homeruns.
5. Loop detectors shall be located in the center of the traveled lane. The exact location of stop bars and lane stripes shall be verified with the Engineer prior to loop installation.
6. Preformed loop detectors shall be installed in existing subgrade immediately below new PCCP. In AC, the loop detectors shall be secured on top of AC base, or placed in top of subgrade and compacted.
7. Excess lead-in hose shall be buried directly under pull box sump rock after entering conduit, leaving 12' exposed above sump rock.



WIRING DIAGRAM
(5 TURNS FOR EACH LOOP)



PLAN SYMBOL

DESIGN APPROVED	SIGNATURE	ARIZONA DEPT. OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION TRAFFIC SIGNALS & LIGHTING STANDARD DRAWINGS	REV.
APPROVED FOR DISTRIBUTION	ON FILE	PRE-FORMED LOOP DETECTORS FOR FMS/RAMP METERING/COUNT	DRAWING NO. T.S. 7-5