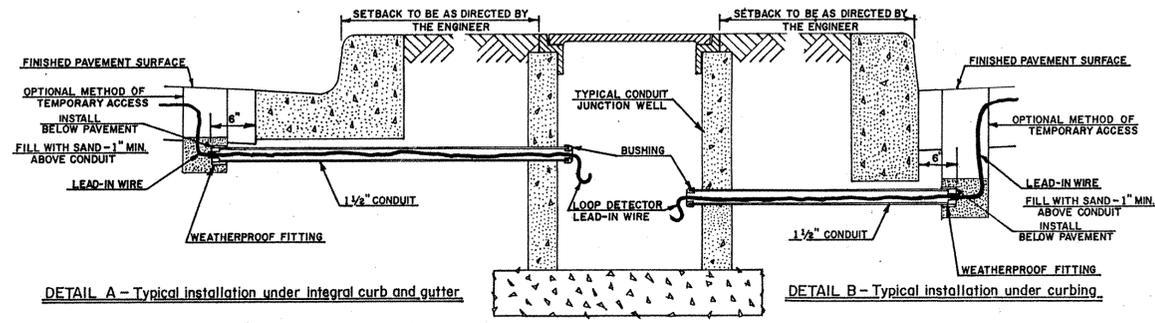


LOOP DETECTORS AND MAGNETIC TRANSDUCER

PREL. TRACING R.F.R. 10-7-77 DESIGN CHKD.

RECOMMENDED 10/11 1977 R.E. Innes CHIEF ENGINEER
APPROVED 10/13 1977 R.D. Beville DIRECTOR OF HIGHWAYS

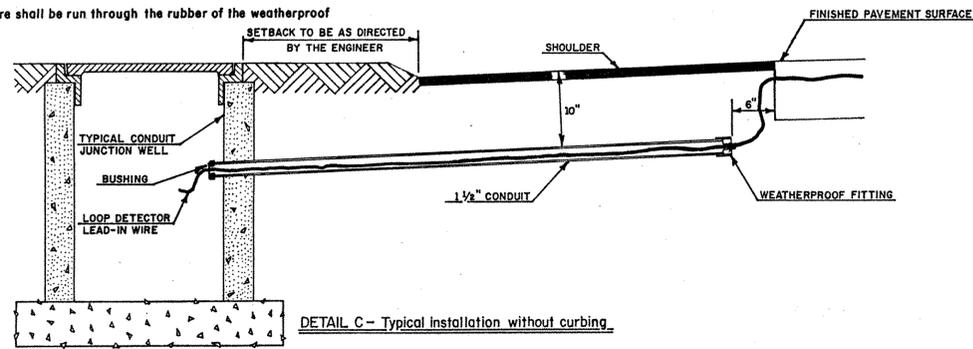
REVISIONS
1. 4/24/79 Added type 6 and 7 loops R.F.R.



DETAIL A - Typical installation under integral curb and gutter

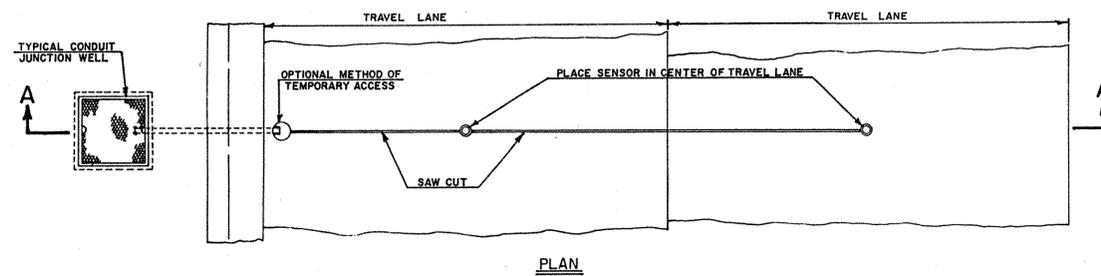
NOTES:

1. The contractor shall be responsible for protecting the conduit against any possible damage in paving operations.
2. The weatherproof fitting shall consist of a galvanized 1 1/2" coupling containing a steel threaded reducing bushing (1 1/2" to 3/4") and a 3/4" watertight connector for service entrance cable such as an APPLETON SEO-21 or its approved equivalent.
3. The lead-in wire shall be run through the rubber of the weatherproof fitting.

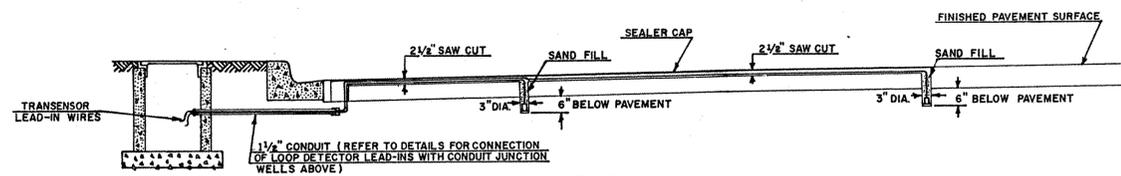


DETAIL C - Typical installation without curbing

DETAILS FOR CONNECTION OF LOOP DETECTOR LEAD-INS WITH CONDUIT JUNCTION WELLS

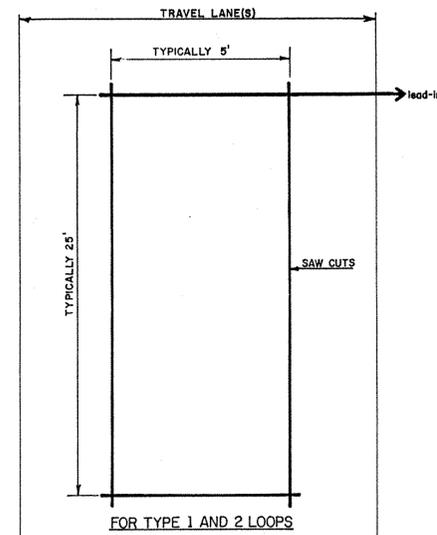


PLAN

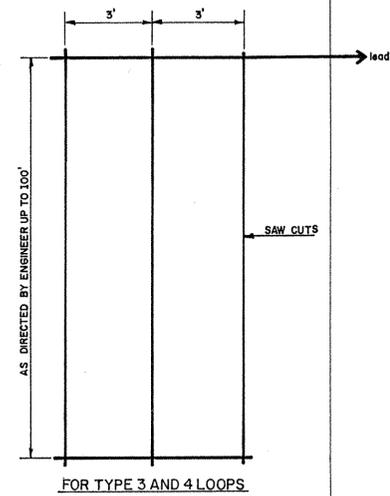


SECTION A-A

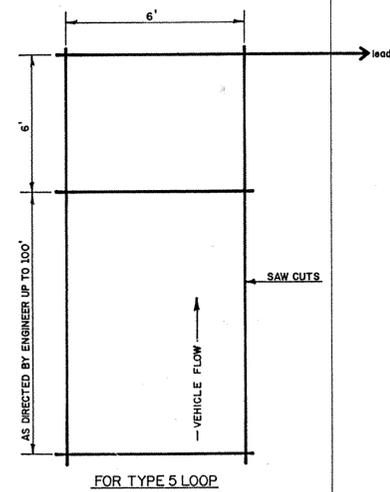
INSTALLATION OF MAGNETIC TRANSDUCER HEAD



FOR TYPE 1 AND 2 LOOPS

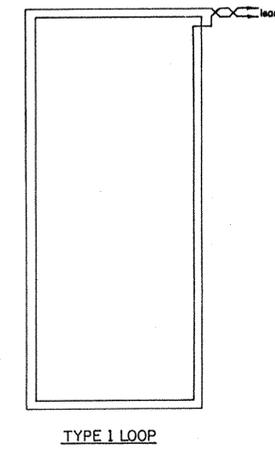


FOR TYPE 3 AND 4 LOOPS

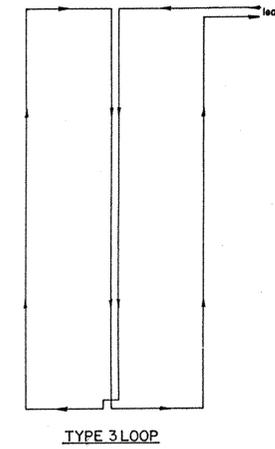


FOR TYPE 5 LOOP

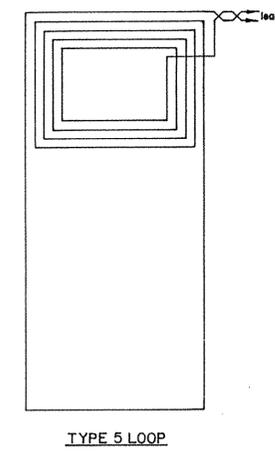
WIRE SLOT CONSTRUCTION



TYPE 1 LOOP

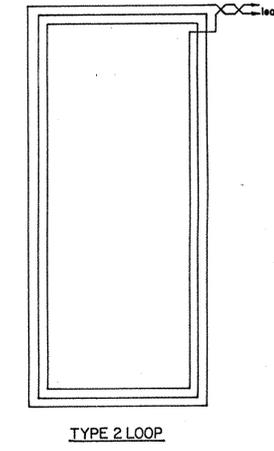


TYPE 3 LOOP

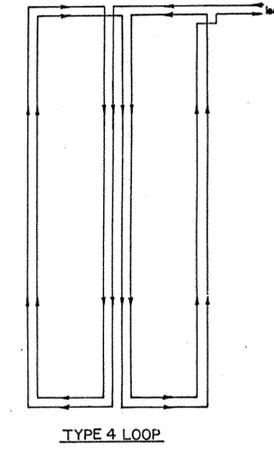


TYPE 5 LOOP

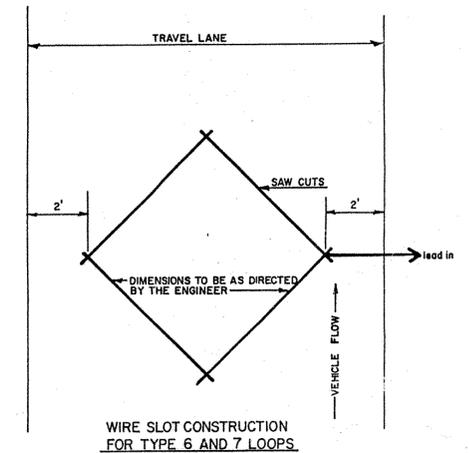
DETAILS FOR INSTALLING DETECTOR WIRE LOOPS



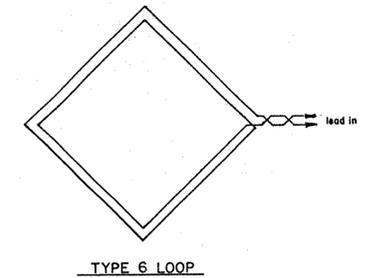
TYPE 2 LOOP



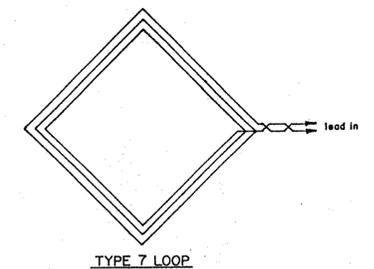
TYPE 4 LOOP



WIRE SLOT CONSTRUCTION FOR TYPE 6 AND 7 LOOPS



TYPE 6 LOOP



TYPE 7 LOOP

NOTES:

1. The type and actual size of wire loop detector to be installed shall be as shown on the plans or as directed by the engineer.
2. Saw cuts for wire slot construction shall be extended beyond the corners so that the slot is full depth at turn points. The sharp inner corners shall be chipped off to provide a smooth turn for wire.