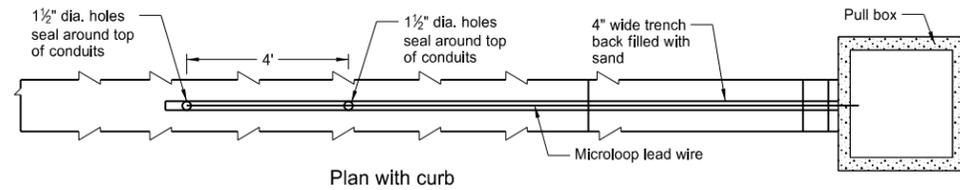
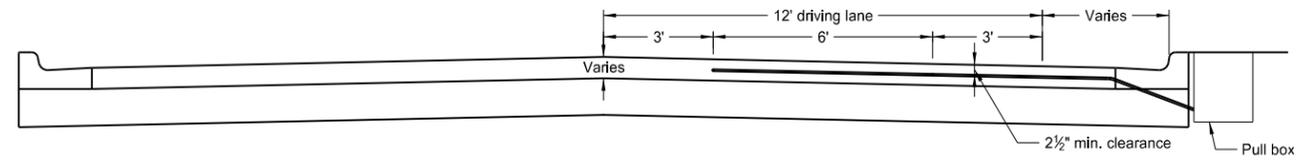


LOOP DETAILS

D-772-5A

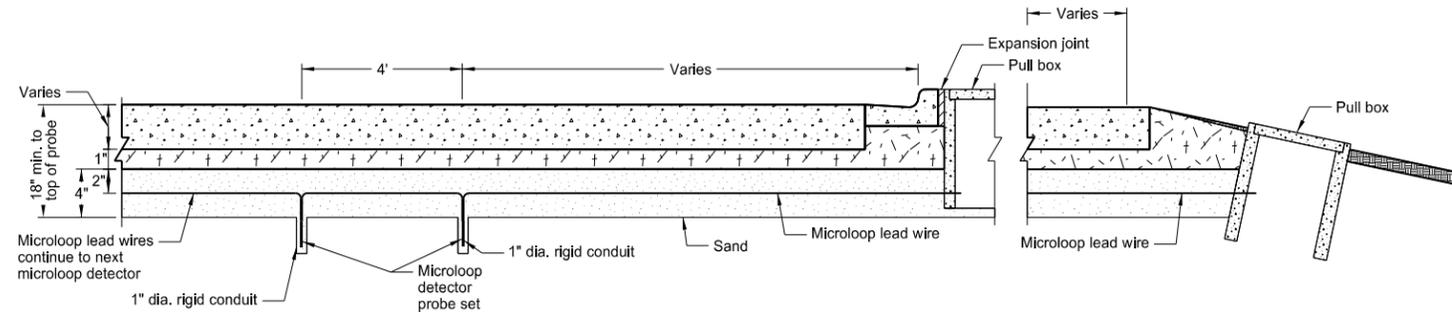


Plan with curb



Elevation
Preformed Loop Detector Layout

Installation of Preformed Loop detector when placed in new pavement.



Elevation with curb

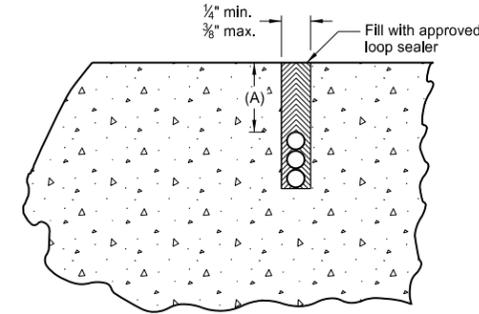
Elevation without curb

Microloop Placement in New Pavement

Notes:

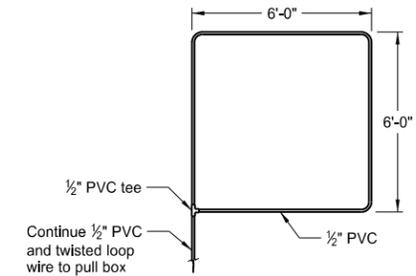
After the installation and compaction of the aggregate base, the contractor shall trench a 4 in. trench and drill the 1 1/2 in. dia. holes. The microloop detectors shall be installed, embedded in the sand as shown. The aggregate base shall be recompact to the density of the surrounding material and the microloops shall be tested prior to PCC pavement placement.

The 1 1/2 in. dia. holes shall be drilled a minimum of 2 in. below the bottom of the microloop detector probe.



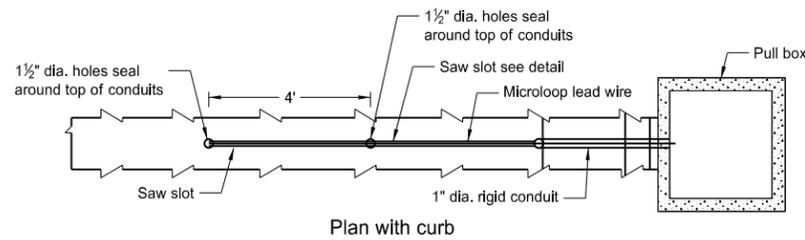
Saw Slot Details

(A) 1" minimum on concrete surface
2" minimum on asphalt surface

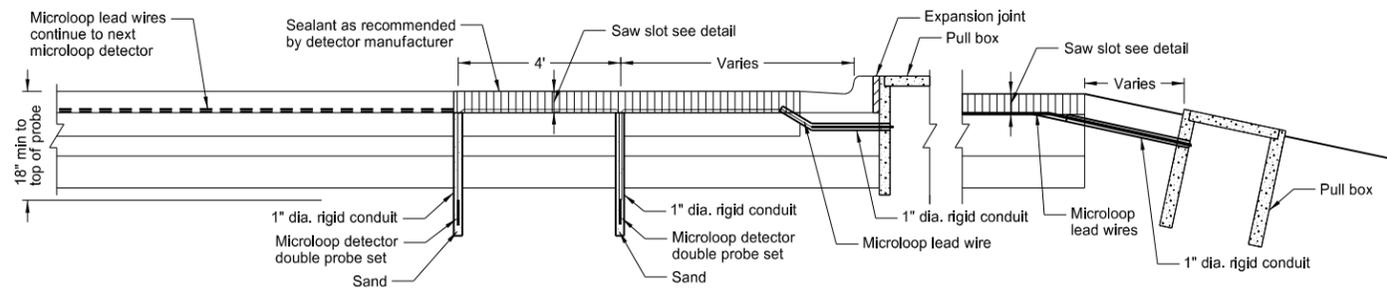


Preformed Loop Detector Layout

The Preformed Loop shall be securely tied down to prevent the loop from floating while placing the concrete.



Plan with curb



Elevation with curb

Elevation without curb

Microloop Placement in Existing Pavement

Notes:

The contractor shall drill the 1 1/2 in. dia. holes, cut the saw slot in the pavement, install the 1 in. conduit and install the microloop detectors so the tops of the probes are 15 in. below the road surface. The 1 in. dia. conduit shall be filled with sand and the saw slot sealed. The microloops shall be tested.

The 1 1/2 in. dia. holes shall be drilled a minimum of 2 in. below the bottom of the microloop detector probe.

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION	
11-14-13	
REVISIONS	
DATE	CHANGE

This document was originally issued and sealed by Roger Weigel, Registration Number PE-2930, on 11/14/13 and the original document is stored at the North Dakota Department of Transportation