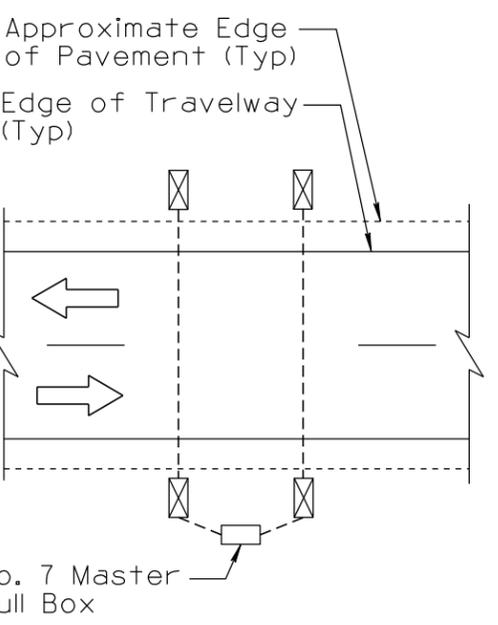
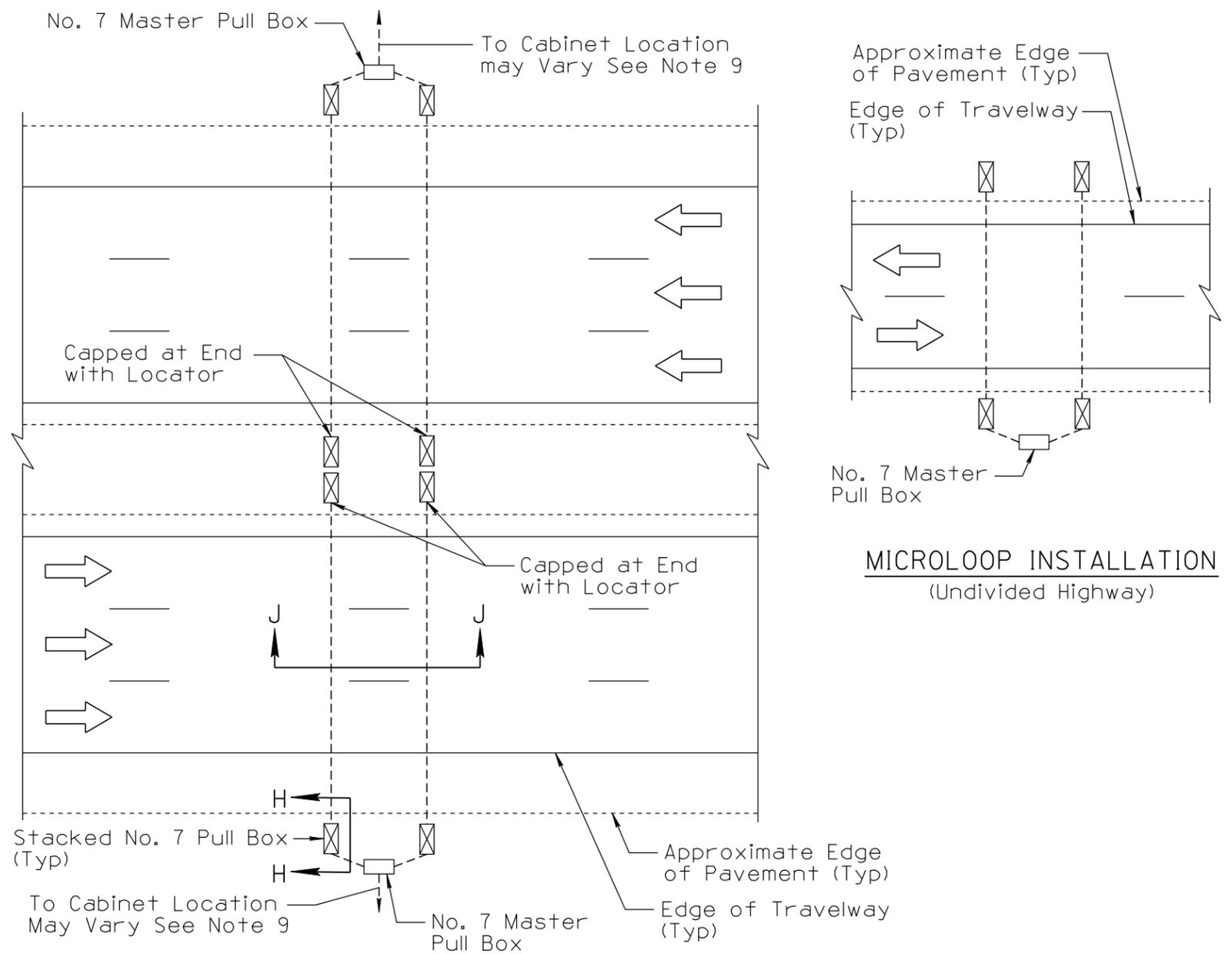
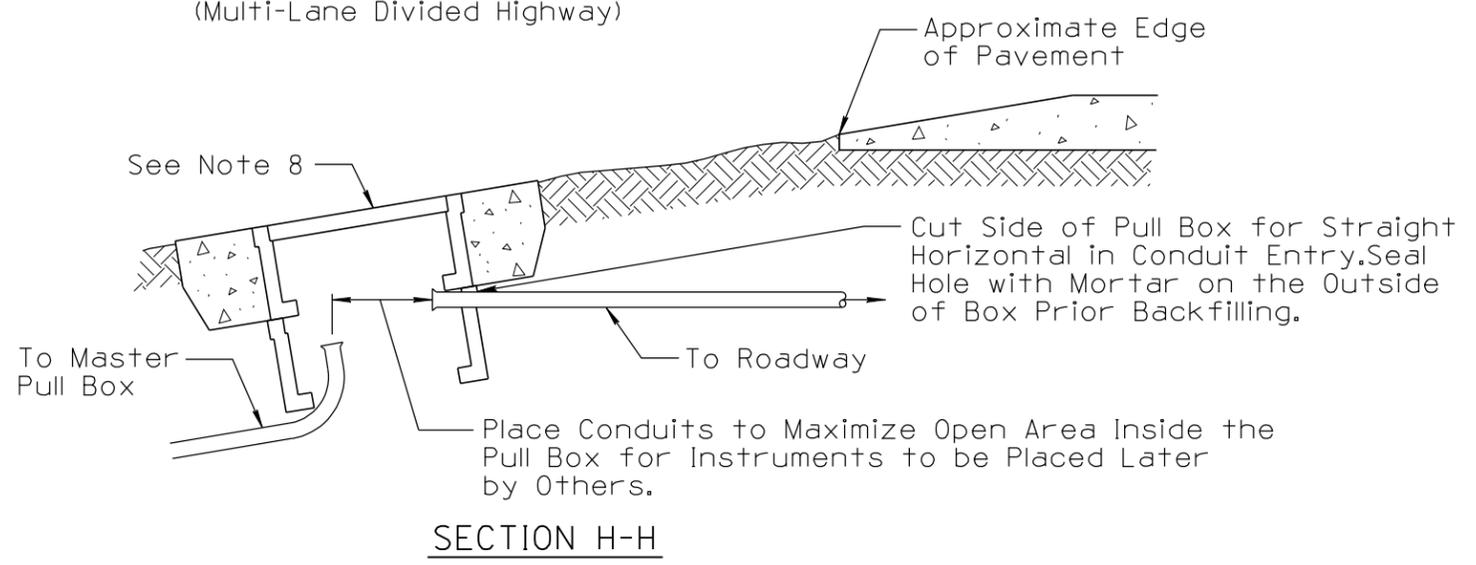


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MADE BY C. COLE
DESCRIPTION OF REVISIONS
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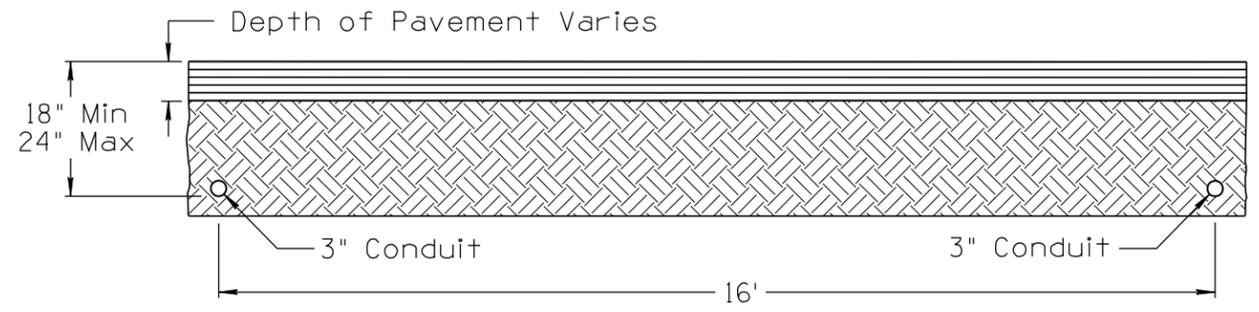


MICROLOOP INSTALLATION
(Undivided Highway)

MICROLOOP INSTALLATION
(Multi-Lane Divided Highway)



SECTION H-H



SECTION J-J
(micro-loop directional drill boring)

NOTES:

1. Microloop installations require two parallel directional drilling bores 16' apart, leading edge to leading edge, and 18" to 24" beneath the roadway for each direction of the roadway.
2. Microloop speed monitoring systems require 2 Microloops sensor sets per conduit per lane, one in the leading conduit and one in the lagging conduit, evenly distributed across the lane. (A Microloop sensor set is defined as a 1, 2, or 3 probe sensor set that is wired in series at the factory, resulting in a single sensor).
3. All excavated material not reused shall be properly disposed of.
4. Where pull boxes are used to terminate conduit for the directional drilling, an extension or deeper pull box shall be used.
5. Refer to the GTT Canoga Traffic Sensing System Technical Bulletin describing Directional Drilling for Installing Conduit for 702 Microloops.
6. An Approved Directional Drilling Contractor Certification Course must be completed prior to installation.
7. Contact MPD Traffic Monitoring Section at (602-712-8585) no less than 10 working days prior to installation of the loop detectors. MPD Traffic Monitoring System will have a technician available to oversee the installation, and to answer any questions pertaining to the proper installation and layout of the Microloop components.
8. See T.S. 1 Series for pull box and pull box installation details, use heavy duty No. 7 pull box either stacked or extended 12-inch boxes or 24-inch deep box with a concrete collar.
9. See T.S. 6-7 for cabinet placement and installation details.

NOT TO SCALE

DESIGN APPROVED	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION TRAFFIC SIGNALS AND LIGHTING STANDARD DRAWINGS	REVISION 03/10
SIGNATURE		DRAWING NO. T.S. 6-5
APPROVED FOR DISTRIBUTION	MICROLOOPS FOR SPEED/VEHICLE CLASSIFICATION	SHEET NO. 1 OF 1
ON FILE		