NO	DESCRIPTION OF REVISIONS	MADE BY	DATE
1	2010 EDITION	C. COLE	03/10
2			
3			
4			

NOTES:

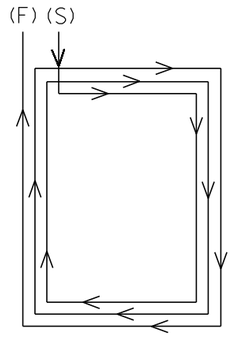
1. Weigh-in-motion systems require 1 loop detector between 2 flat type Piezo sensors, centered in lane, 16' O.C. as shown in drawing. Piezo sensor must be parallel to the leading edge of the loop detector and perpendicular to the roadway with no more than 1" variation across the face of the loop or Piezo sensors.

2. ADOT will supply the Piezo sensors with pre-attached cable, support brackets and grout. Piezo sensor with cable shall be installed as one complete unit without splices; see T.S 6-4 Sheet 3 of 5 SECTION C-C. The contractor shall contact MPD Traffic Monitoring Section, at (602) 712-8585, no less than 15 working days prior to the installation of the Weigh-in-Motion System. The contractor shall install all components of the Weigh-in-Motion System at the same time. MPD Traffic Monitoring Section will have an Engineer available to oversee the installation, and to answer any questions pertaining to the proper installation of the Weight-in-Motion System.

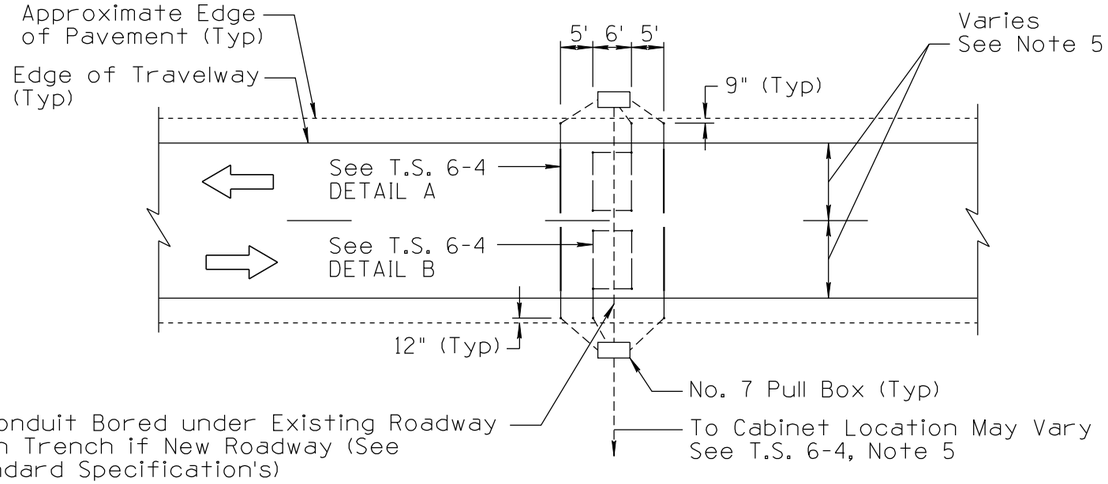
3. On all installations of Weigh-in-Motion Systems, the contractor shall install the loops in the pavement, including all connections to the pull box(es). The contractor shall also install the controller cabinet, Type A pole, pole foundation and all necessary pull boxes and conduit connections from the cabinet to the pull box(es) and from the edge of pavement to the pull box(es), unless otherwise indicated on the project plans.

4. Unless otherwise indicated on the project plans, the Piezo sensors and loops shall be installed in the final surface course.

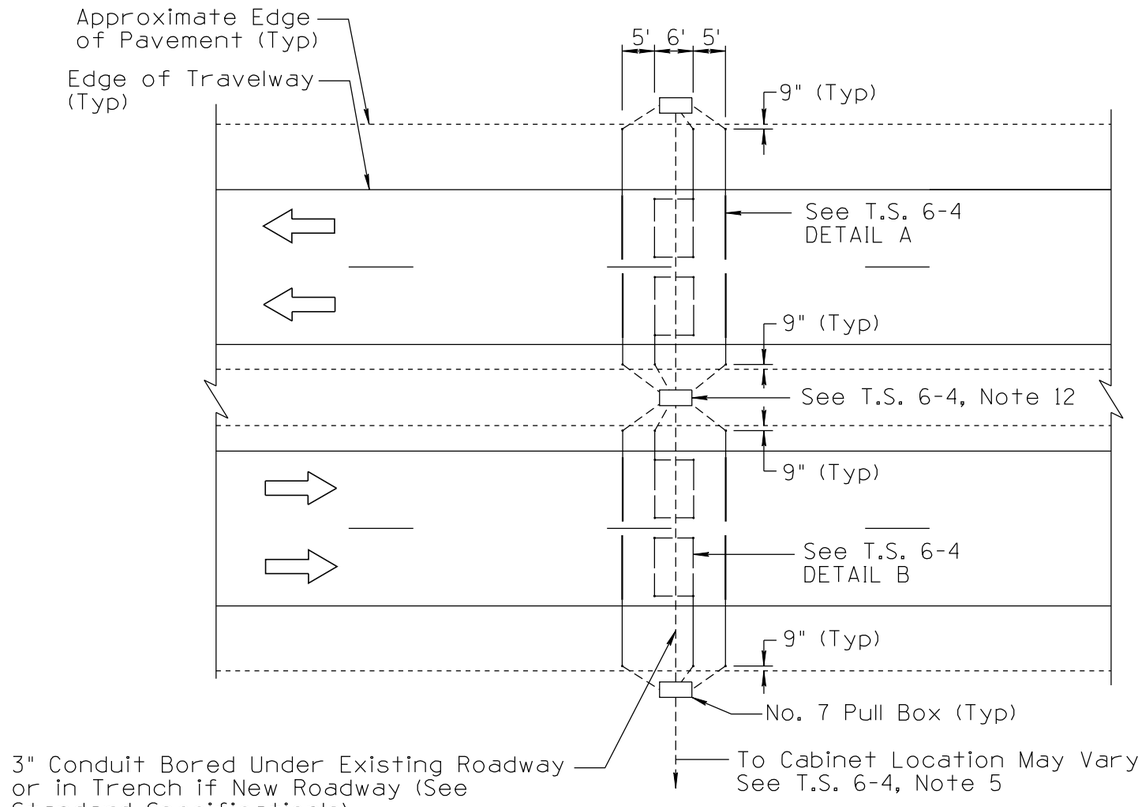
5. See T.S. 6-7 for cabinet placement and installation details.



WINDING DIAGRAM
(For 3 Turns Std)



WEIGH-IN-MOTION INSTALLATION
(Undivided Highway)



WEIGH-IN-MOTION INSTALLATION
(Divided Highway)

NOT TO SCALE

DESIGN APPROVED **SIGNATURE**	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION TRAFFIC SIGNALS AND LIGHTING STANDARD DRAWINGS	REVISION 03/10
APPROVED FOR DISTRIBUTION **ON FILE**	PIEZOELECTRIC WEIGHT SENSOR AND LOOP LANE LAYOUT	DRAWING NO. T.S. 6-3
		SHEET NO. 1 OF 1