



PIEZO-PIEZO CONFIGURATION
SINGLE CARRIAGEWAY BI-DIRECTIONAL

LEGEND

SYMBOL	DESCRIPTION
	Field Cabinet
	Type 3 Pit
	Circular Pit
	1x100 dia conduit (White)
	2x100 dia Conduit (White)
	Cabinet concrete pad Refer standard drawings 1924 and 1925
	Piezo Sensor

NOTES:

1. The preferred sensor configuration for axle-based vehicle classifier is Loop-Piezo-Loop configuration (SD1917) or Piezo-Loop-Piezo configuration (SD1918). This Piezo-Piezo configuration is only to be used where loop cannot be installed and AADT ≤ 5000.
2. Refer to SD1916 for sensor installation details.
3. Dimensions are in metres (m) unless noted otherwise.

ASSOCIATED DEPARTMENTAL DOCUMENTS:

Standard Drawings
Specifications

REFERENCED DOCUMENTS:

- Departmental Standard Drawings:
 1916 ITS - Axle-based Vehicle Classifier Sensor Installation Details
 1917 ITS - Axle-based Vehicle Classifier Sensor Configuration Loop-Piezo-Loop
 1918 ITS - Axle-based Vehicle Classifier Sensor Configuration Piezo-Loop-Piezo
 1922 ITS - Vehicle Classifier Cabinet Details - Solar Powered
 1923 ITS - Vehicle Classifier Cabinet Details - Mains Powered
 1924 ITS - Vehicle Classifier Cabinet Installation - Solar Powered
 1925 ITS - Vehicle Classifier Cabinet Installation - Mains Powered

Departmental Specifications:

- MRTS200 General Requirements for Intelligent Transport Systems (ITS) Infrastructure
 MRTS201 General Equipment Requirements
 MRTS207 Traffic Survey Foundation Equipment
 MRTS251 Traffic Counter / Classifier

INSTALLATION OF CONDUITS AND PITS IS THE RESPONSIBILITY OF THE LICENSED ELECTRICAL CONTRACTOR

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AXLE-BASED VEHICLE CLASSIFIER SENSOR CONFIGURATION PIEZO - PIEZO		A3 Not to Scale	Standard Drawing No 1919 Date 3/2023
A	B		