LEGEND

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>📣</td>
<td>ANPR Camera with pole</td>
</tr>
<tr>
<td>📷</td>
<td>PTZ Dome Camera with pole</td>
</tr>
<tr>
<td>📦</td>
<td>Wireless Antenna</td>
</tr>
<tr>
<td>🌱</td>
<td>Field Cable</td>
</tr>
<tr>
<td>📦</td>
<td>Type A/P</td>
</tr>
<tr>
<td>📦</td>
<td>Cable Tie</td>
</tr>
<tr>
<td>🌱</td>
<td>1x100 dia conduit (White)</td>
</tr>
<tr>
<td>🌱</td>
<td>2x100 dia conduit (White)</td>
</tr>
</tbody>
</table>

PIEZO–LOOP–PIEZO CONFIGURATION
SINGLE CARRIAGEWAY DUAL DIRECTION

REFER TO SHEET 2 FOR CONFIGURATION AND PLACEMENT NOTES

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

ITS

WIM SENSOR CONFIGURATION
PIEZO–LOOP–PIEZO
SHEET 1 OF 2

Department of Transport and Main Roads

1908
NOTES:
1. The WIM sensor can be either a beam boys (BL) piezo or quartz piezo sensor.
2. The WIM sensor is to be assembled and tested prior to delivery at site.
3. Only 1 Traffic Monitoring cabinet may be used if the longest sensor cable length is less than 100m, otherwise 2 Traffic Monitoring cabinets are required.
4. All slabs for Loop and WIM sensors shall be cut to nearest pt.
5. Where possible, there shall be a minimum 50mm gap between slabs cut for sensors and cables.
6. Loops shall be installed centrally between the lane lines.
7. Loop leading and trailing edges shall be perpendicular to the centre line of the road.
8. Loop shoulder and centre line edges shall be parallel to the centre line of the road.
9. WIM sensors shall be installed perpendicular to the centre line of the road.
10. Separation of leading and trailing WIM sensors shall be 3000mm ± 3mm, measured at the centre of each sensor.
11. Dimensions as marked unless noted otherwise.

ASSOCIATED DEPARTMENTAL DOCUMENTS:
- Standard Drawings
- Specifications

REFERENCED DOCUMENTS:
- Departmental Standard Drawings
  - 1991 IDS - Traffic Monitoring Cabinet Base Installation Details
  - 1992 ITS - Traffic Monitoring Cabinet Typical Details
  - 1986 IDS - WIM Piezo Sensor Installation Details

Departmental Specifications
- WIM3003 Provision of Weight-in-Motion System
- WIM3007 Traffic Monitoring Foundation Equipment
- WIM3008 Provision of Automatic Number Plate Recognition System

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