PIEZO-LOOP-LOOP-LOOP-LOOP
CONFIGURATION
SINGLE CARRIAGEWAY DUAL DIRECTION

NOTES:
1. The WIM sensor can be either a Bragg Grating (BG) piezo or quartz sensor.
2. All sensors shall be cut to the manufacturer's requirements.
3. Sensing Loop 2 and WIM sensors shall be cut to match sensor pit.
4. Where possible, there shall be a minimum 500mm gap between slots cut for sensors and rails.
5. Loops shall be installed vertically between the lane lines.
6. Loop leading and trailing edges shall be perpendicular to the centre line of the road.
7. Loop shoulder and centre line edges shall be parallel to the centre line of the road.
8. Separation of middle WIM sensors shall be 3000mm ± 3mm, measured at the centre of each sensor.
9. Dimensions are in metres unless noted otherwise.

ASSOCIATED DEPARTMENTAL DOCUMENTS:
Standard Drawings
Specifications

REFERENCED DOCUMENTS:
Departmental Standard Drawings:
1993 ITS - Traffic Monitoring Cabinet - Typical Details
1998 ITS - WIM Piezo Sensor Installation Details

Departmental Specifications:
WITTS005 Provision of Weigh-in-Motion System
WITTS027 Traffic Monitoring Foundation Equipment
WITTS030 Provision of Automatic Number Plate Recognition System

LEGEND

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANPR 1</td>
<td>ANPR Camera with pole</td>
</tr>
<tr>
<td>PTZ 1</td>
<td>PTZ Dome Camera with pole</td>
</tr>
<tr>
<td>Antenna</td>
<td>Wireless Antenna</td>
</tr>
<tr>
<td>Field Cabinet</td>
<td></td>
</tr>
<tr>
<td>Type 4 Pie</td>
<td></td>
</tr>
<tr>
<td>Circular</td>
<td></td>
</tr>
<tr>
<td>1x100 dia conductor (White)</td>
<td></td>
</tr>
<tr>
<td>2x100 dia conductor (White)</td>
<td></td>
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Installation of conduits and pits is the responsibility of the licensed electrical contractor.