PIEZO-PIEZO-LOOP-PIEZO-PIEZO

CONFIGURATION
SINGLE CARRIAGEWAY DUAL DIRECTION

NOTES:
1. The WM sensor can be either a Fibre Optic (FO) or quartz sensor.
2. The WM sensor is to be assembled and tested prior to delivery to site.
3. All slits for Loop and WM sensors shall be cut to nearest fit.
4. Where possible, there shall be a minimum 500mm gap between slits cut for sensors and tiles.
5. Loops shall be installed centrally 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. WM sensors shall be installed perpendicular to the centre line of the road.
9. Separation of multiple WM sensors shall be 500mm ± 5mm, measured at the centre of each sensor.
10. Dimensions are in metres unless noted otherwise.

ASSOCIATED DEPARTMENTAL DOCUMENTS:
Standard Drawings
Specifications

REFERENCED DOCUMENTS:
Departmental Standard Drawings:
1901 TSDM - Foundation Equipment Cabinet Basic Installation Details
1905 TSDM - Foundation Equipment Cabinet Typical Details
1906 TSDM - WM Piezo Sensor Installation Details

Departmental Specifications:
WMTS202 Provision of Weigh-in-Motion System
WMTS207 Traffic Survey Data Management (TSDM) Foundation Equipment
WMTS250 Provision of Automatic Number Plate Recognition System

LEGEND

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>ANPR Camera with pole</td>
<td>ANPR Camera with pole</td>
</tr>
<tr>
<td>PTZ Dome Camera with pole</td>
<td>PTZ Dome Camera with pole</td>
</tr>
<tr>
<td>Wireless Antenna</td>
<td>Wireless Antenna</td>
</tr>
<tr>
<td>Field Cabinet</td>
<td>Field Cabinet</td>
</tr>
<tr>
<td>Type 4 Pipe</td>
<td>Type 4 Pipe</td>
</tr>
<tr>
<td>Circular Pipe</td>
<td>Circular Pipe</td>
</tr>
<tr>
<td>1x100 mm conduit (White)</td>
<td>1x100 mm conduit (White)</td>
</tr>
<tr>
<td>2x100 mm conduit (White)</td>
<td>2x100 mm conduit (White)</td>
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</tbody>
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INSTALLATION OF CONDUITS AND PITS IS THE RESPONSIBILITY OF THE LICENSED ELECTRICAL CONTRACTOR.