



NOTES:

1. 90° conduit connection in 4.1m traffic signals footing shall use 80mm dia HD PVC white conduit. Conduit is to have a nominal bend radius of 550mm.
2. PTZ camera to be mounted and orientated such that the camera has full unhindered view of the cabinet and road pavement sensors.

ASSOCIATED DEPARTMENTAL DOCUMENTS:

- Standard Drawings
- Specifications

REFERENCED DOCUMENTS:

Departmental Standard Drawings:

- 1149 Installation of Underground Electrical and Communications Conduit
- 1421 Traffic Signals – Traffic Signals Post and Footing Installation Details
- 1635 Traffic Signals – Upper Mounting Assembly and Split Shell Assembly
- 1901 ITS – Traffic Monitoring Cabinet Base Installation Details
- 1903 ITS – Traffic Monitoring Surveillance Post Wiring Details

Departmental Standard Specifications:

- MRTS91 Conduits and Pits
- MRTS93 Traffic Signal and Road Lighting Footings
- MRTS203 Provision of Weigh-in-Motion System
- MRTS207 Traffic Monitoring Foundation Equipment
- MRTS250 Provision of Automatic Number Plate Recognition System

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

EQUIPMENT SCHEDULE

EQUIP ID	DESCRIPTION	VOLTAGE	QUANTITY	COMMENTS
1	4.1m standard TMR traffic signals post & footing	ELV	1	Refer Standard Drawing 1421
2	Q-fit multi-band cellular antenna	ELV	1	Remove supplied cable and connect to LMR195 Coax fly-lead cable
3	Finial cap assembly with standard terminal panel	ELV	1	Refer Standard Drawing 1635
4	Infra-red Pan/Tilt/Zoom dome camera with mounting bracket	ELV	1	
5	100mm standard TMR traffic signals lantern mounting bracket	N/A	1	Antenna mounting end to be drilled out to 16mm dia
6	130mm flat band u-bolt clamp	N/A	2	Refer item 8
7	Corrugate UV stabilised 20mm dia PVC white flexible conduit	N/A	As Required	
8	M10 security sheer nuts	N/A	4	
9	M12 security sheer nuts	N/A	1	

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ITS			
TRAFFIC MONITORING SURVEILLANCE POST TYPICAL DETAILS		A3 Not to Scale Standard Drawing No 1902 Date 7/19	A B