



**NOTES:**

- 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.
- 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 Survey Base Installation Details
  - 1903 ITS – Traffic Survey PTZ CCTV Multi-purpose Camera 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 Survey Foundation Equipment
- MRTS250 Provision of Automatic Number Plate Recognition System

**EQUIPMENT SCHEDULE**

EQUIP ID	DESCRIPTION	VOLTAGE	QUANTITY	COMMENTS
1	4.1m standard TMR traffic signals post & footing	N/A	1	Refer Standard Drawing 1421
2	Q-fit multi-band cellular antenna	COMMS	1	Fit suitable "N" type connector to supplied cable and connect to C4. Refer to Standard Drawing 1903.
3	Finial cap assembly with standard terminal panel	N/A	1	Refer Standard Drawing 1635
4	Infra-red PTZ camera with mounting bracket	ELV/12VDC	1	PTZ = Pan/Tilt/Zoom
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 M10 u-bolt clamp	N/A	2	Refer to EQUIP ID 8
7	Corrugate UV stabilised 20mm dia PVC white flexible conduit	N/A	As Required	
8	M10 security sheer nuts & Washer	N/A	4	
9	M12 security sheer nuts & Washer	N/A	1	

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

Department of Transport and Main Roads			
ITS			
TRAFFIC SURVEY POST PTZ CCTV MULTI-PURPOSE CAMERA POST TYPICAL DETAILS		Standard Drawing No <b>1902</b> Date 3/2023	A3 Not to Scale
A	B	C	