



NOTES:

1. ANPR camera mounting bracket shall have suitable separation with dissimilar materials and fabricated to Departmental Standard Specifications.
2. Fixed CCTV multi-purpose cameras to be mounted on camera poles for surveillance of ANPR/WIM infrastructure assets – Contractor shall seek principals advice for mounting location and brackets to use.
3. Contractor to check clearances to all nearby services prior to installation.
4. ANPR Camera swing direction to be parallel to road edge line and in same direction as adjacent traffic flow.
5. Contractor shall ensure access hatchway on ANPR camera pole is positioned on the backside of pole from adjacent traffic flow.
6. Contractor shall ensure cabling inside ANPR pole is bundled neatly together for maintenance access. Allow 1 meter of slack to allow access to the breakout boxes outside of the pole.
7. Where required by the ANPR camera, the vendor specific breakout box and cabling is between the output of the ANPR breakout box and the ANPR camera.
8. For new installations and replacing or repositioning existing installations. Refer to the risk assessment techniques in Austroads Guide to Road Design Part 6 Roadside Design, Safety and Barriers and the corresponding sections in TMR's Road Planning & Design Manual Volume 3 Part 6: Roadside Design, Safety and Barriers supplement.
9. Footing and anchor cage to suit site specifics – Refer Standard Drawings 1371 & 1372
10. New Poles need to be TMR Approved.

ASSOCIATED DEPARTMENTAL DOCUMENTS:

Standard Drawings Specifications

REFERENCED DOCUMENTS:

- Departmental Standard Drawings:
 1371 Slip Base Pole
 1372 Base Plate Mounted Pole
 1905 ITS – Traffic Survey Cabinet Typical Details
 1912 ITS – Traffic Survey ANPR Camera Breakout Box Connection Details
 1913 ITS – Traffic Survey ANPR Camera Breakout Box Wiring Details

Departmental Standard Specifications:

- MRTS78 Fabrication of Structure Steelwork
 MRTS78A Fabrication of Structure Stainless Steelwork
 MRTS91 Conduits and Pits
 MRTS207 Traffic Survey Foundation Equipment
 MRTS250 Provision of Automatic Number Plate Recognition System

Australian Standards:

AS/NZS 3000 Electrical Installations (Wiring Rules)

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

DETAIL 1
TERMINATION BLOCK ASSEMBLY

CABLE CONNECTION DETAILS
(DIAGRAMMATIC SKETCH ONLY)

Department of Transport and Main Roads			
ITS			
TRAFFIC SURVEY ANPR CAMERA POLE TYPICAL DETAILS		A3	Standard Drawing No
		Not to Scale	1915
		A	Date 3/2023