

Use of traffic management equipment on multi-function poles

Introduction

This Technical Direction provides the guidelines for installing traffic management equipment on multi-function poles (MFPs).

General

Various councils are using the MFPs for the purposes of installing the combination of street lights, CCTVs and other facilities, and hence reducing the number of poles along the streets. These MFPs are to be owned and maintained by the councils. No approval for the use of these poles is required from the RTA, unless the councils intend to attach traffic management equipment to these poles.

The RTA has been working with four suppliers of MFPs to ensure that these poles are designed to carry traffic management equipment such as traffic signal lanterns, pedestrian push buttons, audio tactile equipment, regulatory and other signs. The technical requirements, including all electrical, cabling, conduit and ventilation, are detailed in the *RTA QA Specification No. MFP/1*.

Although various types of MFPs from the four suppliers have been approved for use in various council areas, the RTA is reluctant to disclose them. This is because these suppliers can change the designs of their models to suit any specific needs at particular intersections. Therefore, it is critical that the designs of any proposed MFPs are to be approved by the RTA.

Distribution List:

Director, Major Infrastructure; Director, Regional Operations & Engineering Services; Director, Business Coordination, Road Safety & Policy; Traffic Management and Road Safety staff; Project and Asset Managers.

For further enquiries

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Definitions

The following definitions apply to these guidelines:

- A *multi-function pole* is a pole specially designed to cater for the attachment of various facilities such as street lights, CCTVs and traffic management equipment.
- *CCTVs* are close circuit television surveillance cameras.

Guidelines

The following requirements are to be complied with:

Agreement

If traffic management equipment is to be installed on to the MFPs, then Council must formally write to the relevant Project Management Section of the RTA expressing a desire to install MFPs with traffic management equipment to be attached to some (or all) of the MFPs. Details of the Council's proposed scheme should form part of the letter.

The relevant RTA Project Manager will then reply to Council outlining current policy regarding ownership and maintenance of the MFPs, i.e. Council is to undertake the ownership and maintenance of the MFPs. The reply will also outline the requirement for Council to enter into a formal agreement with the RTA. The agreement covers such items as installation, workmanship, maintenance, dispute resolution, insurance requirements, who the RTA and Council representatives are and what their respective responsibilities are. The *MFP Agreement* document can be obtained from the Manager, Traffic Facilities Asset Management.

When the *MFP Agreement* is executed by both parties, Council can install traffic management equipment on to the MFPs subject to meeting the following requirements.

MFP Design Approval

Technical assessment of the MFP to be used by Council also takes place during this period. The assessment time will vary depending on whether the proposed MFP has already been approved for use by the RTA or not. In terms of new MFP approval, it is only given on the basis of a trial period where the RTA determines if the MFP actually meets the RTA's requirements.

Traffic Signal Design Layout Approval

When the RTA is satisfied that the proposed MFP meets the necessary requirements, then Council is to arrange for the detailed design proposals for each site to be forwarded to the same RTA Project Manager as and when they become available. The Project Manager is to arrange for the approval of the design plans and recovering of all the project management costs from Council.

Project Implementation

As detailed in the *MFP Agreement* document, the RTA site representative nominated by the Project Manager is to be contacted to supervise the installation of traffic management equipment on to MFPs to ensure the works are carried out in accordance with the RTA standards.

Action

This Technical Direction is to be followed when Councils are considering the use of traffic management equipment on their multi-function poles.

Updates

To ensure that this *Technical Direction* and the related guidelines remain current and relevant, minor updates may be made from time to time. Any updates may be obtained from the RTA website using the Traffic & Transport Policies & Guidelines Register which can be found at:

www.rta.nsw.gov.au/doingbusinesswithus/guidelines/documentregister/index.html.

The Register should always be checked prior to using this *Technical Direction* or the related guidelines.

Approved by:

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SIGNED

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