

# Technical direction

For traffic and transport practitioners

POLICY – GUIDELINES - ADVICE



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## USE OF GROUND MOUNTED CONTROLLERS FOR PEDESTRIAN OR SMALL TRAFFIC SIGNAL SITES

### ISSUE

Post mounted controllers have been used for pedestrian or small traffic signal sites for many years. However, it has been found that the ground mounted controllers are better than the post mounted controllers for the following reasons:

- Unlike ground mounted controllers, post mounted controllers with limited capacity cannot be expanded and reused when traffic signal sites are upgraded to introduce more signal groups.
- NSW is the only user of post mounted controllers in Australia, resulting in higher cost.
- The cost of a post mounted controller is only slightly less than a ground mounted controller.
- Post mounted controllers are vulnerable to damage due to their kerbside location.
- RTA field staff are exposed to increased traffic hazards when servicing post mounted controllers.

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#### Distribution List:

Director, Infrastructure Services; Director, Commercial Services; Director, NSW Centre for Road Safety; Traffic Management and Road Safety staff; and Traffic Signal design staff; and Project and Asset Managers.

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#### For further enquiries

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## **ACTION**

Ground mounted traffic signal controllers are to be used for all pedestrian or small traffic signal sites and for any major upgrade of sites which have post mounted controllers.

Consideration will be given for the use of a post mounted controller due to the lack of space for a ground mounted controller or potential flooding.

This Technical Direction takes effect immediately for all RTA work and developer funded projects.

## **UPDATES**

To ensure that this *Technical Direction* and any 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](http://www.rta.nsw.gov.au/doingbusinesswithus/guidelines/documentregister/index.html)

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