

Technical direction

For traffic and transport practitioners
POLICY – GUIDELINES - ADVICE



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USE OF PREFABRICATED DETECTOR LOOPS

General

A prefabricated or pre-formed traffic signal detection loop system has been used successfully for ten years on asphalt pavements.

These loops have been used with milled and paved road works and some new road works on asphalt pavement. These loops are stuck to the milled surface prior to the overlay application. The correct use of these loops has proven that the loops generally last the life of the pavement and do not contribute to premature pavement failure.

The priorities for loop installation or replacement at road works on an asphalt pavement are:

1. Cut into sub base.
2. Install prefabricated loops at mill.
3. Install prefabricated loops concurrently with final sheet.
4. Cut into new pavement.

Prefabricated Loops

The prefabricated loops used on asphalt pavement are marketed by a number of providers such as Traffic Tech Pty Ltd as "Ezyloops" and PJ's Loop Services Pty Ltd as "Thermapp Loops".

Action

This policy is to take effect immediately for all RTA works on asphalt pavements.

Distribution List:

Director, Major Infrastructure; Director, Regional Operations & Engineering Services; Director, NSW Centre for Road Safety; Traffic Management and Road Safety staff; Project and Asset Managers and Councils.

For further enquiries

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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

Printed copies of this Technical Direction are uncontrolled, therefore the Register should always be checked prior to using this *Technical Direction* or any related guidelines.

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