



Delineation

Section 12 - Pavement markings for
bicycle facilities

The delineation guidelines have been developed to assist in designing and maintaining a quality delineation system.

The guidelines are to comprise 19 sections and an appendix. These are initially being released individually and in no specific order. The sections which are to be released are as follows:

Part	Title
Section 1	Introduction
Section 2	Delineation principles
Section 3	Pavement markings
Section 4	Longitudinal markings
Section 5	Enhanced longitudinal markings
Section 6	Transverse markings
Section 7	Transverse markings - Pedestrian facilities
Section 8	Diagonal and chevron markings
Section 9	Messages on pavements
Section 10	Pavement arrows
Section 11	Pavement markings at roundabouts
Section 12	Pavement markings for bicycle facilities
Section 13	Pavement markings for kerbside parking restrictions
Section 14	Maintenance of pavement markings
Section 15	Raised pavement markers
Section 16	Guide posts and delineation of safety barriers
Section 17	Alignment signs and markers
Section 18	Delineation systems
Section 19	Delineation management and audit
Appendix A	Locating and setting out of dividing (barrier) lines

To determine which sections are currently available go to:

www.rta.nsw.gov.au/doingbusinesswithus/downloads/technicalmanuals/delineation_dll.html

The information contained in the various parts is intended to be used as a guide to good practice. Discretion and judgement should be exercised in the light of the many factors that may influence the choice of delineation devices in any situation. The guidelines make reference, where relevant, to current Australian Standards and are intended to supplement and otherwise assist in their interpretation and application.

Delineation

Section 12

PAVEMENT MARKINGS FOR BICYCLE FACILITIES

Special Note:

As from 17 January 2011, the RTA is adopting the Austroads Guides (Guide to Traffic Management) and Australian Standards (AS 1742, 1743 & 2890) as its primary technical references.

An RTA Supplement has been developed for each Part of the Guide to Traffic Management and relevant Australian Standard. The Supplements document any **mandatory** RTA practice and any complementary guidelines which need to be considered.

The RTA Supplements **must** be referred to prior to using any reference material.

This RTA document is a complementary guideline. Therefore if any conflict arises, the RTA Supplements, the Austroads Guides and the Australian Standards are to prevail.

The RTA Supplements are located on the RTA website at www.rta.nsw.gov.au





Roads and Traffic Authority

www.rta.nsw.gov.au

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APPROVED BY:

SIGNED

Phil Margison
General Manager
Traffic Management

SIGNED

Michael de Roos
General Manager
Safer Roads

AUTHORISED FOR USE BY:

SIGNED

Peter Collins
Director
Network Management

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For policy and technical enquiries regarding these guidelines please contact:

Traffic Management Branch
Email: technical_directions_publication@rta.nsw.gov.au

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www.rta.nsw.gov.au/doingbusinesswithus/downloads/technicalmanuals/technicalmanuals_dll.html

For the latest amendments (if any) to these guidelines go to:

www.rta.nsw.gov.au/doingbusinesswithus/downloads/technicalmanuals/delineation_dll.html

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Amendment record

Please note that the following updates have been made to this document.

Amendment No	Page	Description	Issued	Approved By
I	Various	Line widths amended	December 2010	R O'Keefe Mgr Traffic Policies, Guidelines & Legislation

12.1 General

This section specifies requirements for pavement markings to be applied to bicycle facilities both on the road and on paths separate from the road, either for the exclusive use of cyclists or joint use with other road users.

Bicycle lanes on a road are set aside for the exclusive use of bicycle traffic either full time or part time.

Bicycle paths are set aside for the off-road use of bicycle traffic and certain pedestrian traffic subject to the road rules.

Green coloured pavement material or overlay material is used exclusively for on-road bicycle lanes. Not all bicycle lanes may be appropriate for this treatment and all proposals must be forwarded to the General Manager, Traffic Management Branch for approval.

12.2 Pavement markings

The following pavement markings and symbols as illustrated in Figure 12.1 shall be used for bicycle facilities:

- (a) Bicycle lane line (L7) – The bicycle lane line shall be placed between the bicycle lane and lanes of moving traffic and where appropriate, a parking lane. It shall be a white unbroken line 100 mm wide.
- (b) Continuity line (C4) – A continuity line comprising of a white broken line 100 mm wide with 1 m mark and 3 m gap. It shall replace the bicycle lane line -
 - (i) where motor traffic must enter or cross an exclusive bicycle lane when making a turn at an intersection or major driveway, and
 - (ii) to show the continuity of a bicycle lane where it continues through an unsignalised intersection.
- (c) Stop lines (TF & TFB) – A white stop line 300 mm wide (TF) shall be provided in an exclusive bicycle lane or a white stop line 200mm wide (TFB) on a bicycle path at the point where bicycles must stop.
- (d) Separation line (S4) – A white unbroken line 100 mm wide used on sections of bicycle paths with restricted visibility or at an intersection.
- (e) Separation line (S5) - A white broken line 100 mm wide, 1 m mark and 3 m gap, used on straight sections of bicycle paths.

- (f) Edge line (E7) – A white edge line 100 mm wide used on define the edge of bicycle paths and shared paths.
- (g) Bicycle symbol – Where used on roads, the bicycle symbol shall be white in colour and as illustrated in Figure 12.1
- (h) Give way line (TBB) – A white line 200 mm wide, 200 mm mark and 200 mm gap.
- (i) Bicycle crossing line (TBC) – Two parallel transverse lines, 2000 mm minimum separation. 400 mm wide, 400 mm mark and 400 mm gap. Requires the approval of General Manager, Traffic Management, prior to use.

Refer to Figure 12.1 for details on the following pavement markings

- (j) On-road Bicycle symbol (PS-2)
- (k) On-road pavement arrows (BA-1, BA-2, BA-3R, BA-4R, BA-4L, BA-6)
- (l) Off-road Bicycle symbol (PS-3)
- (m) Off-road pavement arrows (PA-1, PA-2, PA-3R, PA-4R, PA-4L, PA-6)
- (n) Off-road pedestrian symbol (PS-4)

12.3 Application of pavement markings for bicycle facilities

For details on the application of pavement markings for bicycle facilities refer to the RTA's publication, '*NSW Bicycle Guidelines*'.

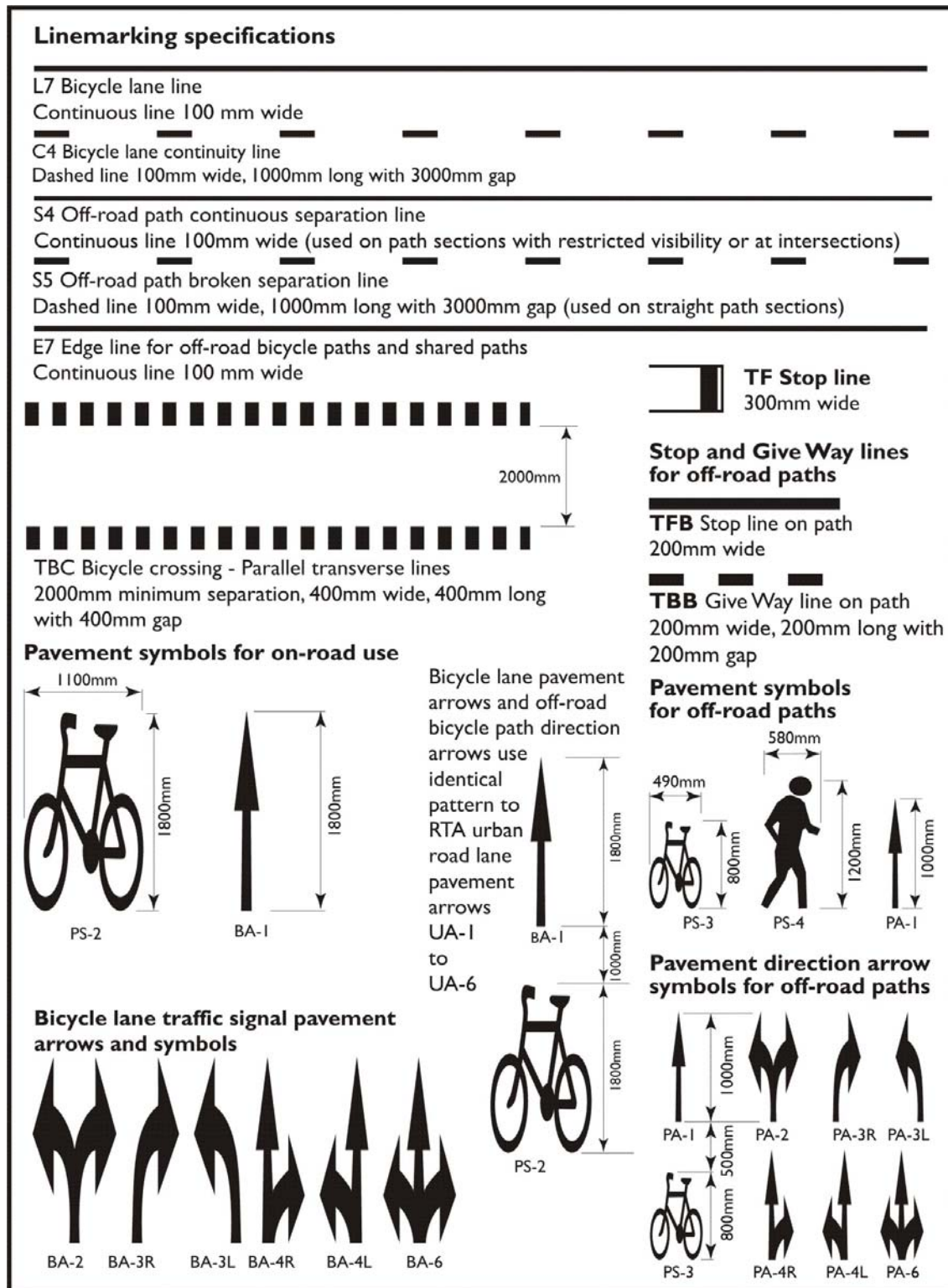


Figure 12.1: Pavement markings and symbols.

For further enquiries

www.rta.nsw.gov.au

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