

Manual

**Traffic and Road Use Management
Volume 3 – Signing and Pavement Marking**

Part 1: Introduction

July 2019

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1 Introduction

The Guide to Pavement Markings is issued under the authority of Section 166 of the *Transport Operations (Road Use Management) Act 1995* (TORUM). This guide shall be considered an approved notice under Section 166 (2) of the said Act.

This guide has been prepared to consolidate pavement marking practice in Queensland into a single document. It incorporates pavement markings prescribed in the *Queensland Manual of Uniform Traffic Control Devices* (MUTCD) and additional advice on recent and emerging developments in pavement marking practice. It is probable that some information contained in this guide will be included in future revisions of the MUTCD.

Guidance on pavement marking relating to a number of issues is not included in this guide where there are significant design-related parameters or background matters which need to be taken into account in determining the need for a facility. Information on the pavement marking associated with these facilities is contained in the *Traffic and Road Use Management* (TRUM) manual and MUTCD supplements. These are:

- (i) TRUM Vol. 1, Part 10, Section 6.3.3-1 *Determination of centre line markings adjacent to property access*
- (ii) TRUM Vol. 1, Part 10, Section 6.6-1 *Coloured surface treatments for bicycle lanes*
- (iii) MUTCD Supplement Part 2, Section 4.6.2-1 *Signing and line marking of narrow bridges / structures*
- (iv) TRUM Vol. 2, Part 3, Section 3.2-1 *School zones*.

2 Authority for markings

2.1 General authority

Under TORUM, the Director-General of Transport and Main Roads is empowered to install on, or remove from, a road any official traffic sign. A local government may install on, or remove from, a road in its area any official traffic sign, provided the Director-General's written agreement is obtained on a declared road.

2.2 Relationship to the MUTCD

An official traffic sign includes any marking or device where 'the approved design method, standard or procedure of which' is either contained in the MUTCD or approved by the Director-General. The MUTCD, therefore, has legal status within the meaning of the TORUM Act. It is therefore incumbent on this *Guide to Pavement Markings* to conform to the MUTCD.

Extracts from the MUTCD are provided in a text box. References to the figures and tables in the extract are available in the extract's source document. Further, for clarity reasons, a number of the figures in this guide depict pavement markings, traffic signs and signal treatments. Guidelines and supplementary notes for the installation of the traffic signs have, in most cases, been excluded. Consequently, users of this guide should not rely on the diagrams for guidance on traffic sign arrangements, but should refer directly to the relevant provisions in the MUTCD.

A number of general terms in traffic regulations under the TORUM Act (that is, Queensland Road Rules), are different from those used in MUTCD for the same purpose. For consistency, the terms used in MUTCD have been adopted for use in this guide.

2.3 Practical responsibility

The Queensland Department of Transport and Main Roads is responsible for the installation, quality control, maintenance and removal of all markings on declared roads, including:

- an adjoining service road if the service road is a declared road
- a declared road within a parking area, except for markings associated with parking.

This responsibility is vested in the relevant Regional Director or as appropriate, irrespective of who carries out the work.

Markings on all other public roads are the responsibility of local governments or road owners.

All markings, whether on declared roads or not, must conform with the MUTCD, except where approval has been granted for an alternative treatment.

When installing or changing pavement markings, a record of the installation or change should be made as pavement markings are regulatory official traffic signs. Form M994 is available for this purpose. Guidelines on its use are given in the MUTCD (Part 1, Appendix B).

2.4 Non-standard treatments

Where a pavement marking (or any other traffic control device) is applied, which is not standard in the context of the MUTCD or this guide, approval is required from the Principal Engineer (Traffic Engineering Practice) prior to its installation on a road. Non-standard signs which have not been approved as official traffic signs have no legal authority, cannot be enforced, may confuse motorists and may place the installing authority at risk in the event of litigation.

