

Transport and Main Roads Guidelines – Traffic Engineering

Amendment Register

These guidelines are issued under the authority of Section 166 of the *Transport Operations (Road Use Management) Act 1995*. The contents of guidelines are issued as 'approved notices' under Section 166(2) of said Act.

Guideline title	Version date	Change type	Description of change
Event traffic management design	July 2022	Amendment	This guideline has been updated to include references to the new harmonised Queensland Guide to Temporary Traffic Management (QGTTM). In November 2020, Transport and Main Roads harmonised with Austroads <i>Guide to Temporary Traffic Management</i> (AGTTM) and Australian Standard AS 1742 <i>Manual of Uniform Traffic Control Devices</i> . No other updates to technical information have been made outside of references to this new harmonisation.
Guideline – Traffic management at works on roads	March 2025	Amendment	<p>Revised wording in the introduction paragraph to Chapter 1.</p> <p>Updated Clause 1.1 in Chapter 1 to ensure it is clear that the options for end-of-queue risk control measures in TMWOR are optional at any time but if mandated by QGTTM Part 3, Section 4.8.3 or when specified in Clause 5.8 of the Annexure, then at least one of the treatments must be used.</p> <p>Updated Clause 1.3.1 in Chapter 1 to clarify that speed indicator devices should be in advance of locations where speed compliance is critical.</p> <p>Updated Clause 1.3.4 in Chapter 1 to clarify locations where speed indicator devices may be installed.</p> <p>Updated Clause 1.4.2 in Chapter 1 to remove the 80 km/h maximum speed when using rumble strips and replace with the manufacturer's recommended maximum speed.</p> <p>Updated Clause 2 in Chapter 1 to:</p> <ul style="list-style-type: none"> ensure it is clear that the options for end-of-queue risk control measures in TMWOR are optional at any time but if mandated by QGTTM Part 3, Section 4.8.3 or when specified in Clause 5.8 of the Annexure, then at least one of the treatments must be used. add a recommendation that end of end-of-queue risk control measures should be considered and implemented to address end of queue risks at any site. <p>Updated Clause 2.5.5.1 in Chapter 5 to include a recommendation that PTSS be operated in paired mode when used to manually control shuttle flow arrangements.</p>

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	July 2023	Amendment	<p>Updated Clause 1.2 in Chapter 1 to include a summary list of the treatment options and to permit the use of a combination of options.</p> <p>Updated Clause 1.7.2 in Chapter 1 to remove the reference to MRTS250.</p> <p>Updated Clause 2 in Chapter 1 to include</p> <ul style="list-style-type: none"> • a summary list of the treatment options in preference order • a reference to QGTTM Part 3 Section 4.8.3 for when end-of-queue treatment options is required. • the use of a combination of options • the use of different treatment options for different approaches at the one site. • the option for managing speed on approach to a traffic queue (Clause 2.1). • renumbered and, in some cases, renamed the existing and new clauses to reflect the preference order of the treatments. • greater detail on where to locate the TURN ON and TURN OFF HAZARD Lights signs, including the addition of a new Figure 2.4. <p>Deleted the option of placing 4 cones on the centreline on approach to the last vehicle in the traffic queue as this location is highly variable.</p> <p>Update reference from "Clause" to "Section" in Chapter 3 Clause 1 Figure 1.3.4, in Chapter 5 Clause 2.2 and in Chapter 6 Clause 1.1</p>
	March 2023	Amendment	<p>This guideline has been updated to include a new Clause 1.7 in Chapter 1 for the combination of a Variable Message Sign (VMS) with Automatic Number Plate Recognition (ANPR) technology as a speed indicator device which identifies vehicles by displaying their registration number and speed on the VMS display.</p> <p>Minor formatting changes to some Table numbers and text references.</p>
	July 2022	Amendment	<p>This guideline has been updated to include the procedure for the undertaking of the Lookout Protection Method during short-term low-impact works on roads which has been sourced from the Working in Proximity to Traffic Awareness Training: Part 2 course. Additional minor amendments include updated Traffic Control (TC) sign names, document references, and requirements for the undertaking of video recordkeeping. The definition of a Portable Traffic Control Device (PTCD) has been aligned to the updated definition in the Queensland Guide to Temporary Traffic Management (QGTTM) and the sample risk assessment in Chapter 3 has been removed in favour of the principles and process outlined in Austroads <i>Guide to Temporary Traffic Management</i> Part 10 Section 2, to which the QGTTM is harmonised.</p>
	November 2020	New	<p>Provides operational guidelines for the provision of temporary traffic management at works on roads. This guideline provides operational detail on content addressed in the Queensland Manual of Uniform Traffic Control Devices and the Queensland Guide to Temporary Traffic Management.</p>

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Signing and line marking for heavy vehicle interception sites	September 2022	New	This guideline provides direction on the installation of signs and line marking, including symbols, which are required to provide a safe environment for the interaction between passing vehicles, transport inspectors and occupants of any vehicles entering, parking, or leaving a heavy vehicle interception site (HVIS). It updates and replaces Technical Note TN115 <i>Signing and Line Marking for Heavy Vehicle Interception Sites</i> which has been withdrawn.
Support selection for roadside signs and other equipment	November 2021	New	This guideline provides guidance on the selection of supports for roadside signs and other devices used beside the road including, but not limited to, cameras, solar panels, and so on. Performance of different types of posts is discussed with limitations of use placed on classes of post as necessary. This guideline provides a Queensland exception to harmonised content in the Queensland Guide to Traffic Management Part 10 Transport control – types of devices .
Tourist and service signs	March 2023	Amendment	This guideline has been updated to include a reference to the newly published guidance on the signing of dual named places in the Queensland Manual of Uniform Traffic Control Devices Part 15. Additional updates include a refresh of TC sign and symbol numbering and design. There has been no update to technical information contained within this guideline.
	July 2021	New	This guideline helps applicants, government officers and Regional Tourist Organisations understand the application, assessment and administration process for tourist and service signs and provides guidance on how to design these signs. This guideline replaces Parts 6 and 7 of Volume 3 of the Traffic and Road Use Management (TRUM) manual .

