

**Manual**

**Queensland Guide to Temporary Traffic Management  
Part 6: Field Staff – Implementation and Operation**

**July 2022**

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**About this document**

This document supplements the Austroads *Guide to Temporary Traffic Management Part 6 Field Staff – Implementation and Operation*, which sets out the requirements of field staff in the process of installing, monitoring and dismantling traffic management on public roads.

**How to use this document**

This document is designed to be read and applied together with the Austroads *Guide to Temporary Traffic Management Part 6: Field Staff – Implementation and Operation* (AGTTM06-21 Edition 1.1). You must have access to the Guide to understand what applies in Queensland.

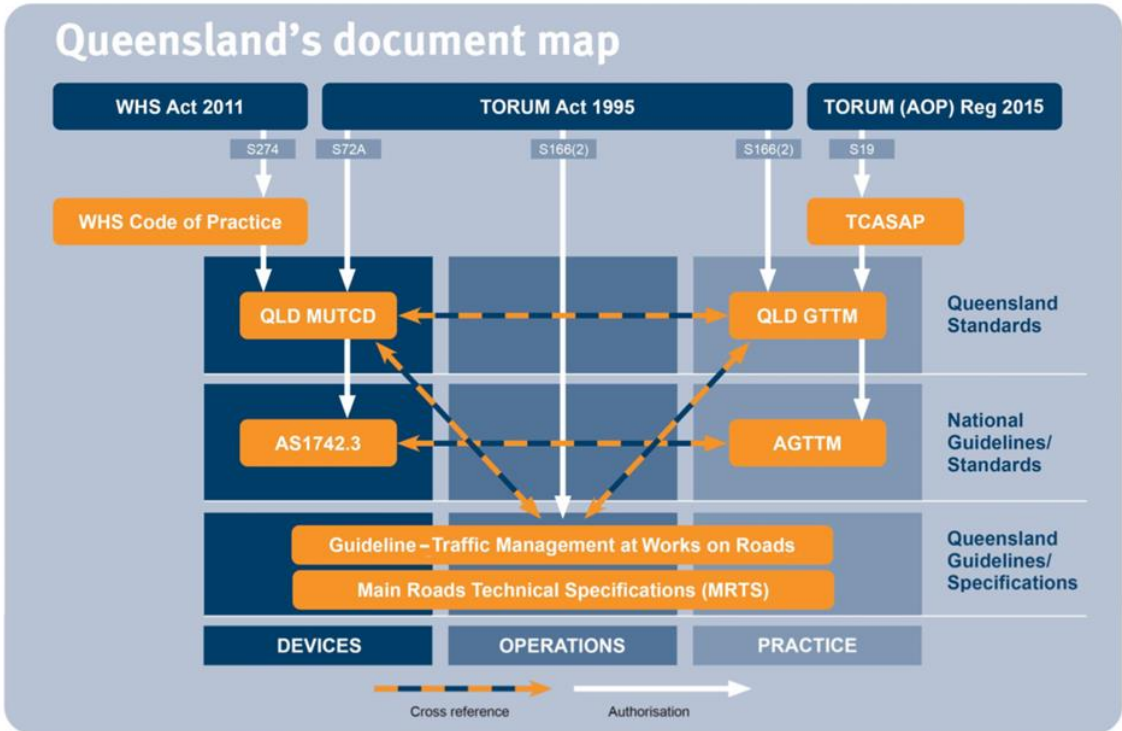
This document:

- sets out how AGTTM06-21 applies in Queensland
- has precedence over AGTTM06-21 when applied in Queensland
- has the same section and clause numbering and headings as AGTTM06-21.

The following table summarises the relationship between AGTTM06-21 and this document:

Applicability	Meaning
Accepted	The Guide section or clause is accepted.
Accepted, with amendments	Part or all of the section or clause has been accepted with additions, deletions or differences.
New	There is no equivalent section or clause in the Guide.
Not accepted	The Guide section or clause is not accepted.

A summary of the documents relevant to TTM practice in Queensland, and their links, is provided following:



## References

The following references apply when reading AGTTM06-21.

Reference to...	Means
AGTTM06-21	<p><i>Austroads Guide to Temporary Traffic Management Part 6 Field Staff – Implementation and Operation</i>, as amended by this document: for example, a reference to AGTTM06-21 means you must refer to the <i>Queensland Guide to Temporary Traffic Management (QGTTM) Part 6</i>. Throughout AGTTM06-21, references are made to other parts of the Guide (for example, when reading Part 6 you may be referred to Part 3 for further information.) In this case, you must refer to the equivalent Part within the <i>QGTTM</i>. Check the applicability of the equivalent Part in the <i>QGTTM</i> <b>before</b> referring to the referenced <i>Austroads Guide</i> Part.</p>
AGTTM	<i>Austroads Guide to Temporary Traffic Management</i>
AS 1742	<i>Australian Standard AS 1742 Manual of Uniform Traffic Control Devices</i>
Queensland (Q) series / Traffic Control (TC) signs	<a href="#">MUTCD (Q) series and TC signs.</a>
Queensland MUTCD	<a href="#">Queensland Manual of Uniform Traffic Control Devices</a> which supplements AS 1742.

**Relationship table (harmonised to AGTTM06-21 Edition 1.1)**

Section	Description	Applicability	
1	<b>Introduction</b>		
	1.1	Purpose	Accepted
	1.2	Structure of AGTTM	Accepted
	1.3	Scope of Part 6	Accepted
	1.4	Field Work for Office-based Staff	Accepted
	1.5	Application of Part 6 to New Zealand	Accepted
	1.6	Acronyms	Accepted
	1.7	Definitions	Accepted
2	<b>TTM Principles and Road Categories</b>		
	2.1	TTM Principles	Accepted
	2.1.1	<i>Fundamentals</i>	Accepted
	2.1.2	<i>Basic principles</i>	Accepted
	2.2	Traffic Management Implementer	Accepted
	2.3	Road Categorisation	Accepted
3	<b>Roles and Responsibilities</b>		
	3.1	TTM Roles	Accepted
	3.1.1	<i>Other TTM workers</i>	Accepted
	3.2	Example – Career Path Progression	Accepted
	3.3	TTM Relationships	Accepted
	3.3.1	<i>Principal Contractor – TTM responsibilities</i>	Accepted
	3.3.2	<i>TMD</i>	Accepted
	3.3.3	<i>TMI responsibilities for TTM on a worksite include:</i>	Accepted
	3.3.4	<i>Interactions between the Principal Contractor and the TMI</i>	Accepted
	3.3.5	<i>TMI – TC / Other TTM worker interactions</i>	Accepted
	3.3.6	<i>Traffic Controller (TC)</i>	Accepted
3.3.7	<i>Other TTM workers</i>	Accepted	
4	<b>Pre-Shift Activities</b>		
	4.1	General	Accepted
	4.2	Vehicle Checks	Accepted
	4.3	Job Pack Check	Accepted
	4.4	Equipment and Devices	Accepted
	4.5	Condition of Devices	Accepted
	4.5.1	<i>Cleanliness</i>	Accepted
	4.5.2	<i>Colour of fluorescent signs</i>	Accepted
	4.5.3	<i>Low light visibility</i>	Accepted

Section		Description	Applicability
	4.6	Resources	Accepted
5	<b>Pre-start</b>		
	5.1	General	Accepted
	5.1.1	<i>Identify hazards</i>	Accepted
	5.1.2	<i>Assess the risk</i>	Accepted
	5.1.3	<i>Implement controls</i>	Accepted
	5.1.4	<i>Monitor and review</i>	Accepted
	5.2	TMP and TGS Development – Residual Risk Register	Accepted
	5.3	On Site Safety Analysis and Risk Assessment	Accepted
	5.4	Toolbox Talks	Accepted
	5.4.1	<i>TTM staff</i>	Accepted
	5.4.2	<i>Construction workers / visitors</i>	Accepted
6	<b>TGS Installation</b>		
	6.1	General	Accepted
	6.2	Typical Installation Principles	Accepted
	6.3	Installation Process	Accepted
	6.4	Placement of Signs and Devices	Accepted
	6.4.1	<i>Two-way road – lane closure</i>	Accepted
	6.4.2	<i>Two-way road (lateral shift)</i>	Accepted
	6.4.3	<i>Two-way road – lane closure with side roads</i>	Accepted
	6.4.4	<i>Multi-lane un-divided road – lane closure</i>	Accepted
	6.4.5	<i>Multi-lane divided road – left or right lane closure</i>	Accepted
	6.5	Positioning of Signs and Devices	Accepted with amendments
	6.6	Typical Locations for Signs	Accepted
	6.6.1	<i>Long term</i>	Accepted
	6.6.2	<i>Short term</i>	Accepted
	6.7	Orientation of Signs and Devices	Accepted
6.8	Tolerances	Accepted with amendments	
6.9	ITS Devices	Accepted	
7	<b>TGS Operation and Maintenance</b>		
	7.1	General	Accepted
	7.2	Before Work Starts	Accepted
	7.3	During the Hours of Work	Accepted
	7.4	Aftercare – Worksite Arrangements Outside Working Hours	Accepted
	7.5	Record Keeping	Accepted

Section		Description	Applicability
	7.6	Incidents	Accepted
	7.7	TMI Monitoring	Accepted
	7.8	Monitor and Measure TTM	Accepted
	7.9	Excessive or Inappropriate Use of Temporary Speed Limits	Accepted
	7.10	Excessive Signage	Accepted
<b>8</b>	<b>TGS Removal</b>		
	8.1	General	Accepted
	8.2	Typical Removal Principles	Accepted
	8.3	Removal Process	Accepted
	8.4	Removal Order for Signs and Devices	Accepted
	8.4.1	<i>Two-way road – lane closure</i>	Accepted
	8.4.2	<i>Two-way road – lateral shift</i>	Accepted
	8.4.3	<i>Two-way road – lane closure with side road intersections</i>	Accepted
	8.4.4	<i>Multi-lane un-divided road – lane closure</i>	Accepted
	8.4.5	<i>Multi-lane divided road – left or right lane closure</i>	Accepted
<b>9</b>	<b>Low Light Works</b>		
	9.1	Activity During Low Light	Accepted
	9.2	Artificial Lighting	Accepted
<b>10</b>	<b>Unattended Sites</b>		
			Accepted
<b>Appendices</b>			
<b>A</b>	Sample TTM Career Path Stages		Accepted
<b>B</b>	Sample Risk Assessment Form		Accepted
<b>C</b>	Sample Toolbox Talk		Accepted
	1	On Site Traffic Guidance Schemes	Accepted
	2	Assessment of Site Factors:	Accepted
	3	Assessment of Work Procedure Factors:	Accepted
	4	Also Consider:	Accepted
	5	Emergency Preparedness	Accepted
	6	On Site Traffic Control Tips	Accepted
	Complete and attach Toolbox Meeting Form and process as per company policy.		Accepted
<b>D</b>	Sample Daily Traffic Management Diary		Accepted

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## **6 TGS installation**

### **6.5 Positioning of devices**

#### Difference

Replace:

- c) Edge of traffic lane to road safety barrier system:
  - i. 0.3 m for a posted speed limit during roadworks up to and including 40 km/h
  - ii. 0.5 m for a posted speed limit during roadworks 50 km/h to 60 km/h
  - iii. 1.0 m for a posted speed limit during roadworks 70 km/h to 80 km/h
  - iv. 2.0 m for a posted speed limit during roadworks greater than 80 km/h.

with:

- c) Edge of traffic lane to road safety barrier system:
  - i. 0.3 m for a posted speed limit during roadworks up to and including 40 km/h
  - ii. 0.5 m for a posted speed limit during roadworks 50 km/h to 80 km/h
  - iii. 1.0 m for a posted speed limit during roadworks greater than 80 km/h.

### **6.8 Positioning of devices**

#### Addition

Tolerances shall not be applied above a maximum or below a minimum value or distance that has been specified on the TGS.

