



Supplement to Austroads Guide to Traffic Management

Part 3: Traffic Studies and Analysis (2013)

OCTOBER 2015

vicroads.vic.gov.au

Table of Contents

1.	Introduction	3
1.1	General	3
1.2	How to Use this Supplement	3
2.	Classification of Supplement Information.....	4
3.	Details of Supplement Information	5
	Section 3.2.2 – Level of Services (LOS).....	5
	Section 6.4.3 – Measure of Intersection Performance.....	5

1. Introduction

1.1 General

All road agencies across Australia are working towards greater consistency between States/Territories in how road networks are managed. In order to achieve this, the Austroads Guide to Traffic Management (AGTM) and Australian Standards relating to traffic management have been adopted to assist in providing that level of consistency and harmonisation across all jurisdictions. This agreement means that these Austroads Guides and the Australian Standards are the primary technical references.

Austroads Guide to Traffic Management, Part 3: Traffic Studies & Analysis (2013) is a nationally agreed guidelines document and has been adopted by all jurisdictions, including VicRoads.

All jurisdictions will be developing their own supplement to clearly identify where its practices currently differ and to provide additional guidance to that contained within Austroads Guide to Traffic Management, Part 3: Traffic Studies and Analysis (2013). This document is the VicRoads supplement and shall be read in conjunction with Austroads Guide to Traffic Management, Part 3: Traffic Studies and Analysis (2013).

1.2 How to Use this Supplement

There are two key parts to this document:

- **Classification of Supplement Information:** this table classifies supplement information as a Departure, Additional Information or both. This information assists with identifying its hierarchy in relation to the Austroads Guide to Traffic Management, Part 3: Traffic Studies and Analysis.
- **Details of Supplement Information:** this section provides the details of the supplement information.
 - **Departures:** where VicRoads practices differ from the guidance in the Austroads Guide to Traffic Management (AGTM). Where this occurs, these differences or 'Departures' will be highlighted in a box. The information inside the box **takes precedence** over the Austroads Guide to Traffic Management section. The Austroads Guide to Traffic Management, Part 3, section is not applicable in these instances.
 - **Additional Information:** all information not identified as a departure provides further guidance to the Austroads Guide to Traffic Management, Part 3: Traffic Studies and Analysis and should be read and applied **in conjunction** with the Austroads Guide to Traffic Management, Part 3: Traffic Studies and Analysis, section.

Where a section does not appear in the body of this supplement, the Austroads Guide to Traffic Management, Part 3: Traffic Studies and Analysis (2013) requirements are followed.

2. Classification of Supplement Information

The classification of each clause as a Departure, Additional Information or both is shown in the table below.

Section	Classification
3.2.2	Additional Information
6.4.3	Additional Information

Austrroads Guide to Traffic Management, Part 3 requirements is followed for sections not shown in this table.

3. Details of Supplement Information

Section 3.2.2 – Level of Services (LOS)

For additional information please refer to Section 5.3 of the VicRoads Smartroads Guidelines. To obtain a copy of the Guidelines please contact Team Leader – Network Access, VicRoads Road Operations, phone: 03 9229 6093.

Section 6.4.3 – Measure of Intersection Performance

In evaluating intersection performance during capacity analysis and design the target maximum degree of saturation of the critical (maximum) movement is:

- At a signalized intersection: 0.9 (desirable) and 0.95 (maximum)
- At an unsignalized intersection, including roundabouts: 0.8 (desirable) and 0.85 (maximum).

Document Information

Title: VicRoads Supplement to Austroads Guide to Traffic Management, Part 3: Traffic Studies and Analysis (2013)

Department: Network Standards

Directorate: Policy and Programs

Approved by: Jeremy Burdan
Manager – Network Standards

Date of Approval: October 2015

Amendment Record

Edition / Revision	Pages(s)	Issue Date	Amendment Description
Austroads Guide to Traffic Management, Part 3: Traffic Studies and Analysis (2013)	All	October 2015	First Edition

Previous versions of this document are available on request by contacting the VicRoads – Network Standards team.

For enquiries regarding this supplement, please contact the VicRoads – Network Standards team via tem@roads.vic.gov.au or 9854 2417.