

GTEP Part 7 - RIP

What next?

Bob Gibson, Principal Engineer

Austrroads series of guides

Asset management
Bridge technology
Pavement technology
Project delivery
Project evaluation
Road design
Road safety
Traffic management
Transport planning

Guide to traffic management

- Part 1 Introduction to traffic management
- Part 2 Traffic theory
- Part 3 Traffic studies and analysis
- Part 4 Network management
- Part 5 Road management
- Part 6 Intersections, interchanges and crossings
- Part 7 Traffic management in activity centres
- Part 8 Local area traffic management
- Part 9 Traffic operations
- Part 10 Traffic control and communication devices
- Part 11 Parking
- Part 12 Traffic impacts of developments
- Part 13 Road environment safety

Transfer of GTEP to Austroads Guides

Guide to Traffic Engineering Practice (GTEP)		Guide to Traffic Management Part													Guide to Road Design Part								Guide to Road Safety Part																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9									
GTEP Part 1:	Traffic Flow																																							
GTEP Part 2:	Roadway Capacity																																							
GTEP Part 3:	Traffic Studies																																							
GTEP Part 4:	Treatment of Crash Locations																																							
GTEP Part 5:	Intersections at Grade																																							
GTEP Part 6:	Roundabouts																																							
GTEP Part 7:	Traffic Signals																																							
GTEP Part 8:	Traffic Control Devices																																							
GTEP Part 9:	Arterial Road Traffic Management																																							
GTEP Part 10:	Local Area Traffic Management																																							
GTEP Part 11:	Parking																																							
GTEP Part 12:	Roadway Lighting																																							
GTEP Part 13:	Pedestrians																																							
GTEP Part 14:	Bicycles																																							
GTEP Part 15:	Motorcycle Safety																																							
GTEP Part 16:	On Road Public Transport																																							

Guide to traffic management – traffic signals

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GTEP Part 7 mapping to GTM

GTEP Chapter 5 Signal face layouts and display sequences

GTEP Part 7 Chapter 5

GTM Part 10

s1 Introduction	s8
s2 Signal face elements	s8.1
s3 Vehicles signal face elements	s8.2.1
s4 Face layouts with RT arrow	s8.2.2
s5 Face layouts with LT arrow	s8.2.3
s6 Permissable and non-permissable ...	s8.2.4
s7 Sequence of vehicle signal displays	s8.3
s8 Pedestrian Signals	s8.3.6
s9 Cycle signals	s8.3.7
etc.	

GTEP Part 7 mapping to GTM

GTEP Part 7	Guides
1.7 Introduction - design process	Not required
1.8 Introduction - construction	Not required
3 Geometric elements	Partially in GTM Part 6 s5
4 Signal system & components	Should be GTM10, 'detection' is in GTM9
12 Electrical design	Not logical in GTM10 - GRD?

What now?

How should we guide New Zealand practitioners?

Do we need a guide?

Who is we?

New Zealand supplement to Austroads?

NZ Traffic control devices manual

Replacement for MOTSAM

Part 1	General requirements for signs
Part 2	Direction, service and general guidance signs
Part 3	Advertising signs
Part 4	General requirements for markings
Part 5	Traffic signals
Part 6	TCD for general use - intersections
Part 7	TCD for general use - between intersections
etc	[currently planned Parts 8 - 17]

TCD Manual – process

- o TCD Steering Group oversees
- o working group established for each part
- o drafted by contractors for NZTA
- o formal public consultation process
- o web-based

TCD Manual *Part 5 Traffic signals*

What role for SNUG?