

A nighttime photograph of a city street corner. Tall buildings with lit windows are visible. The foreground shows a road with light trails from moving vehicles, primarily in shades of orange, yellow, and white. The overall scene is dark with vibrant light streaks.

Strategic Review of the Guide to Traffic Management

7 December 2017



Austroads

Today's moderator



Eliz Esteban

Communications Officer
Austroads

P: +61 2 8265 3302

E: eesteban@austrroads.com.au



About Austroads



The peak organisation of Australasian road transport and traffic agencies

- Roads and Maritime Services New South Wales
- Roads Corporation Victoria
- Department of Transport and Main Roads Queensland
- Main Roads Western Australia
- Department of Planning, Transport and Infrastructure South Australia
- Department of State Growth Tasmania
- Department of Transport Northern Territory
- Transport Canberra and City Services Directorate, Australian Capital Territory
- Commonwealth Department of Infrastructure and Regional Development
- Australian Local Government Association
- New Zealand Transport Agency

Housekeeping



Presentation = 35 mins

Question time = 15 mins



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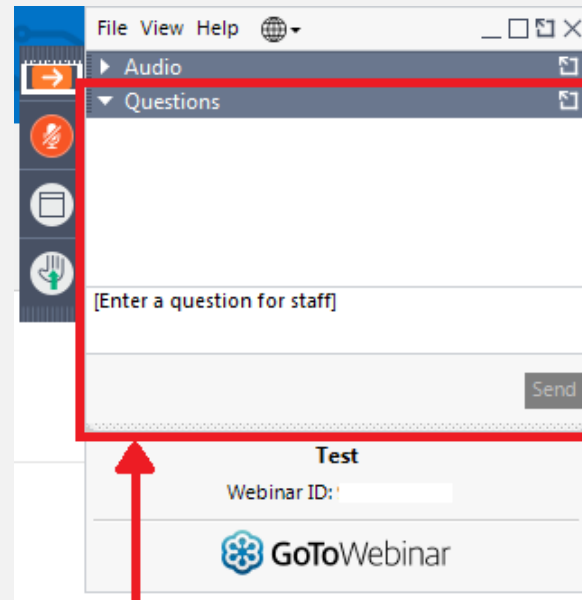
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Austroads Guide to Traffic Management



Download from the Austroads website

www.onlinepublications.austroads.com.au/items/AGTM

Today's presenters



David Green

Senior Engineer

ARRB

P: +61 3 9881 1554

E: david.green@arrb.com.au



Natalie Lockwood

Program Manager, Network

Austroads

P: +61 8 9323 4485

E: nlockwood@austroads.com.au



Agenda



Topic	Presenter
The Strategic Review	
Introduction and purpose of webinar	David Green
Project team and overview	
Key findings a) Master schedule b) Mind map	
Conclusion	
Future Considerations	
Where to from here?	Natalie Lockwood
Q&A	All presenters

The Strategic Review

David Green



Austroads

Introduction and purpose of webinar

- The *Guide to Traffic Management*
 - 13 parts
 - Guidance for traffic and traffic related practitioners
- Strategic Review of the Guide to Traffic Management:
 - A master schedule for update
 - Identify gaps and potential emerging gaps
 - A high level mind map to map content to an online portal
- For consideration and implementation by Austroads as part of:
 - Ongoing management of the Guide
 - A broader project to bring Austroads Guides online with free access.



Introduction to Team



Project Team



Austroads Project
Manager
Natalie Lockwood



ARRB Project Leader
David Green



ARRB Team Member
Kenneth Lewis

Review Team



Austroads
Project Working Group



Austroads
Traffic Management
Working Group



Stakeholders-
Road and Traffic
Authorities



Austroads Network
Taskforce



Austroads Board

The Project Team



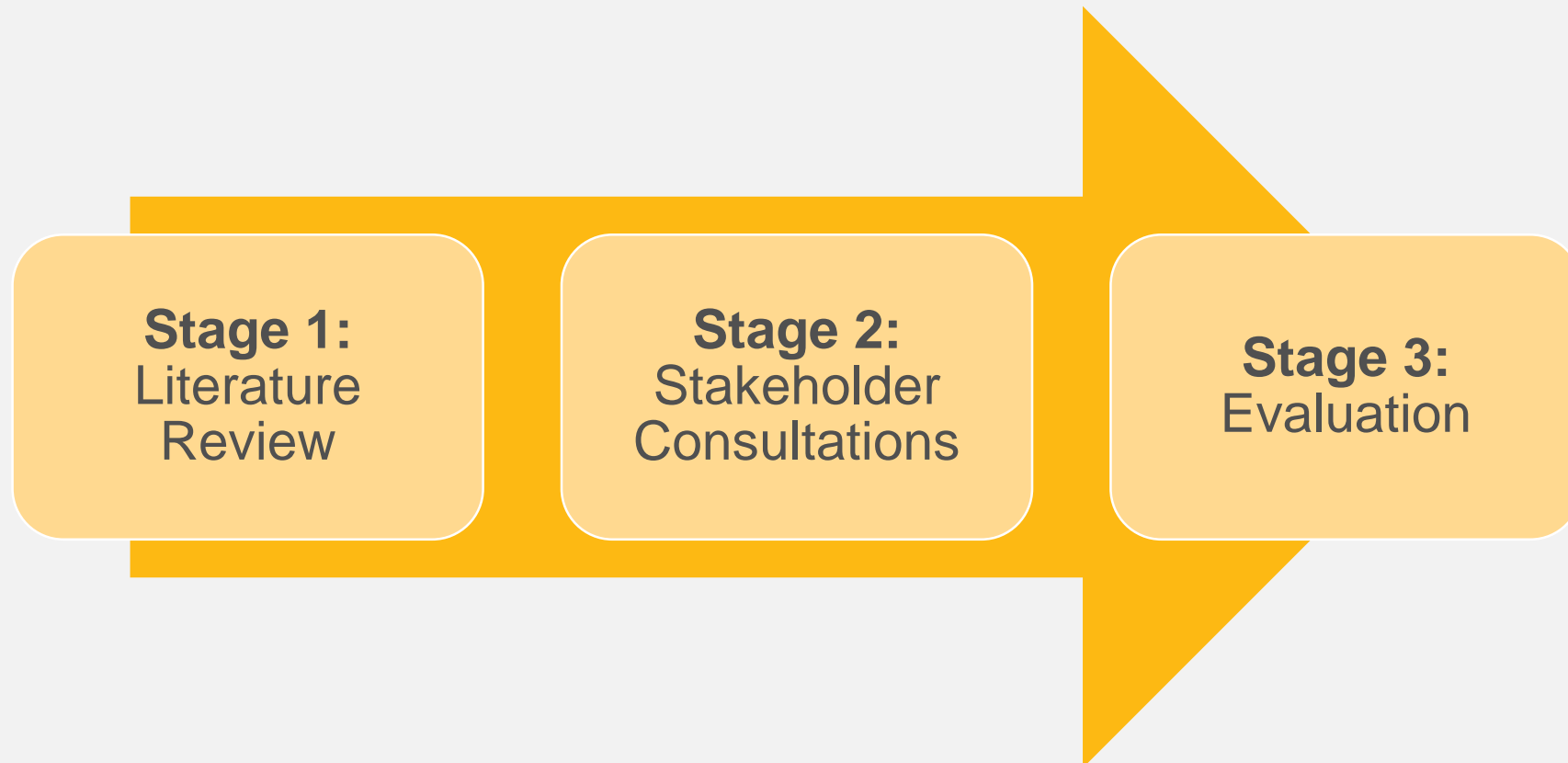
**Austroads
Project Working Group**



Project overview



The strategic review comprised of three keys steps



Key Findings Stage 1: Literature Review



- Range of topics
- Download level of parts depends on topic
- Parts link to one another
- Opportunities to provide additional guidance
- Need to feed in Austroads research
- Online functionality could be used to increase usability

Key Findings Stage 2: Stakeholder Consultation



- Current PDF structure makes it difficult to use
→ Move Online
- Need to state the role and users of the parts
- Need a clear distinction between guidance and standards
- Need Austroads Guidance on operations during events and roadworks
- Need to distinguish between urban and regional road guidance



Key Findings Stage 2: Stakeholder Consultation

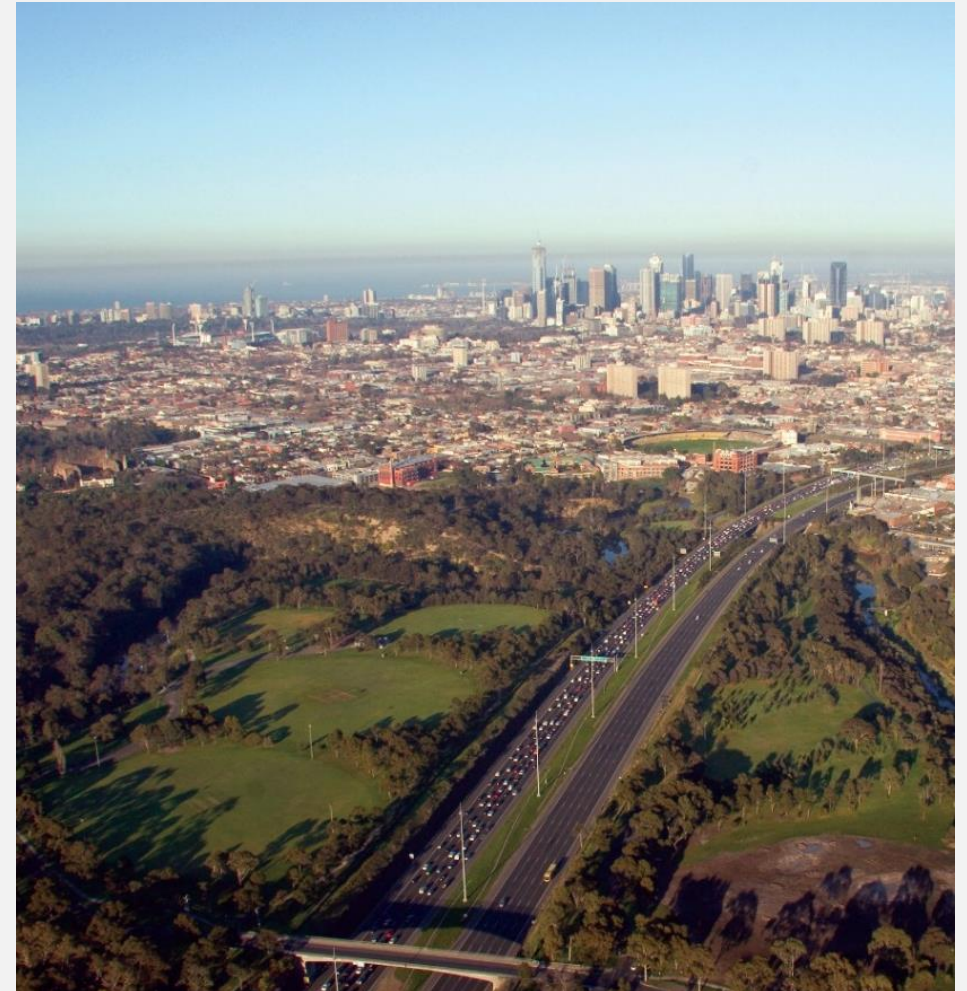


- Provide practical guidance
- Be written in a concise manner
- Include tools and graphs for easy use
- Capture contemporary agreed practice
- Encourage best practice and continuous improvement and innovation
- Online content can address overlaps and duplication
- Various potential gaps

Key Findings Stage 2: Stakeholder Consultation



- Interested in material where it aids in implementation
- Updating process should be based on subject
- Obtain industry and academia input when scoping the updates
- Local Government should be involved in the updates



Key Findings Stage 3: Evaluation



103 potential and emerging gaps identified across various key themes

Strategic (Part 4)		Theory and background (Parts 1, 2, 3, 12 & 13)	Operational and management (Parts 5, 6, 7, 8, 9, 10 & 11)		Other	
Active travel	Performance evaluation	Access management	Active travel	Parking management	General	Economic analysis
Congestion management	Pricing management	Demand Management	Congestion management	Pricing management		Emerging technologies / vehicles
Demand Management	Project evaluation	Driver workload / Driver behavior	Demand Management	Road and Roadside facilities		General
Emission management	Transport planning	Emerging technologies / vehicles	Emerging technologies / vehicles	Road space allocation		Multi-modal transport
Level of Service		Modelling	Heavy vehicles	Safe system / Safe mobility		Safe system / Safe mobility
Movement and place		Traffic analysis	Intersection selection	Traffic operations	New	Worksite and event traffic management
Multi-modal transport		Traffic generation	Multi-modal transport	Traffic signal operations	GAM	Traffic operations

Key Findings Stage 3: Evaluation

1. Hard to find information
2. Titles of the parts are misleading
3. The aim of the parts should be specified
4. Should allow and encourage innovation in practice where appropriate
5. The updating schedule should be based on the type of guidance
6. The links between research and updating should be strengthened



Key Findings Stage 3: Evaluation



7. Modify the update process once online
8. Input from users should be incorporated
9. Guide scope should be clearly stated
10. Worksite traffic management should be covered
11. Need a clear distinction between urban and regional roads

Key Opportunities Overview

- Bring the content online
- Establish a project to define the user experience map
- Capture contemporary agreed practice
- Encourage best practice
- Encourage continuous improvement and innovation



Key Opportunities Overview



- Provide practical guidance
- Write in a concise manner
- Include tools and graphs for easy use where appropriate
- Research program driven by the need to address gaps in content
- Define the difference between the Guide to Traffic Management and other guidance and standards

Master Schedule

- A master schedule for updating developed
- Each part reviewed at least once every 5 years
- Three categories of parts:

Strategic

- Part 4

Theory and background

- Part 1, 2, 3, 12 & 13

Operational and management

- Part 5, 6, 7, 8, 9, 10 & 11

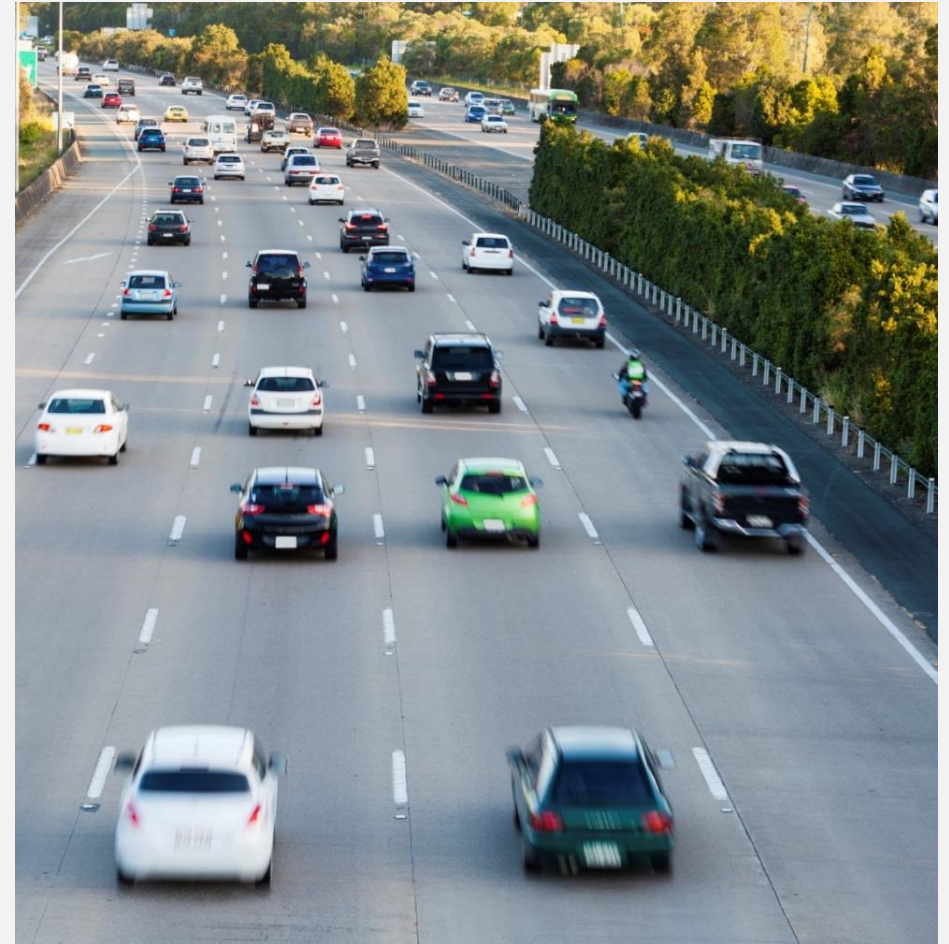
Mind Map



- Mind Map developed to assist the Guides online project
- Consideration given to how the Guide to Traffic Management would fit in with other Austroads Guides
- Based on findings
- Proposed to maintain current structure
- Provide alternative options to search for content

Conclusion

- 11 key findings and 25 opportunities to improve
- Austroads working on:
 - Implementing the opportunities
 - Bringing Austroads Guidance online in HTML format
 - Free to access
 - Developed over stages
 - Consideration given to the mind map
 - Master schedule for the update of parts in their current structure was developed.





Future Considerations

Natalie Lockwood



Where to from here?



Guides online

Translating research into guidance

Questions?

David Green

Senior Engineer

ARRB

P: +61 3 9881 1554

E: david.green@arrb.com.au



Natalie Lockwood

Program Manager, Network

Austroads

P: +61 8 9323 4485

E: nlockwood@austroads.com.au



Upcoming Austroads webinars



Topic	Date
Development of National Mass Assessment Procedures for Oversize Overmass Vehicles	12 December

Register at <http://www.austroads.com.au/event>

Thank you for participating