

The background of the slide is a composite image. On the left, there is a close-up of a bicycle wheel with a blue frame. On the right, there is a blurred image of a road at sunset or sunrise, with warm golden light and bokeh from distant lights. A dark blue diagonal shape separates the two images, running from the top left towards the bottom right.

arto

Best Practice Guides Workshop

Outline for the Session

PART 1: Introductions & Background

- Purpose of the workshop
- Project introduction
- New Best Practice Guides
- Live survey

PART 2: Discussion & Feedback

- Workshop session
 - Technical expertise groups
 - Technical focussed questions
 - Discussion
- Feedback session
- Closing



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Mentimeter code:

Who is ARRb

WHAT ARRB DOES FOR YOU

FUTURE TRANSPORT INFRASTRUCTURE



Research Labs



Pavement & Materials



Specifications



Guidelines

FUTURE TRANSPORT TECHNOLOGY



Smart Traffic
Management



Network Operations
Planning



Intelligent Transport
Systems Assets



Advanced Mobility
Technologies

TRANSPORT SAFETY



Transport Safety
Policy



Transport User
Behaviour



Safe Road
Infrastructure



Safe Mobility

SUSTAINABILITY AND RESILIENCE



Resilient Transport
Systems



Sustainable Transport
Planning



Freight & Logistics

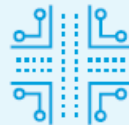


Transport Policy

NEXT GENERATION ASSET MANAGEMENT



Data Collection



Infrastructure
Performance



Intelligent Asset
Management



Transport economics

Purpose of the workshop

Support for Local Government

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As part of the 2019-2020 Federal Budget, ARRB has been tasked to work with local government to enhance road asset management and maintenance solutions



Purpose of the workshop

- Gather your input
- Tailor Best Practice Guides to suit Local Government needs
- Highlight
 - Challenges
 - Gaps in current resources
 - Priorities



Project Overview

Project Introduction

- Granted \$2.6 million from the Federal Government
 - To provide updated resources to assist Local Government
- Resources covering:
 - Basic road infrastructure knowledge
 - Asset management knowledge
 - Maintenance knowledge

1



ROAD
MATERIALS

2



UNSEALED
ROADS

3



SEALED
ROADS

4



BRIDGE
MANAGEMENT



Current Guides and Manuals

- Unsealed Local Roads Manual
- Sealed Local Roads Manual
- Local Roads Bridge Management Manual



Road Materials Guide

Focus areas include:

- Material extraction, lab testing, stabilisation, and providing material management techniques
- Simple low-cost techniques for assessing natural and sustainable materials
- How to treat a material to minimise poor performance

Unsealed Roads Guide



Focus areas include:

- Best practice in material selection, construction, maintenance and geometric road design
- Resources to provide benchmark to unsealed road management as a part of the overall road asset
- Identifying failure modes, failure causes and conditions in the field

Sealed Roads Guide

Focus areas include:

- Best practice in pavement design, construction, bituminous sealing, maintenance and rehabilitation
- Resources to provide benchmark guide to sealed road management
- Identifying failure modes, failure causes and conditions in the field

Bridge Management Guide

Focus areas include:

- Establish a bridge asset management system appropriate to local government needs
- Conduct bridge inspections at various levels
- Identify common problems and solutions relating to timber, concrete, steel and masonry bridges
- Economic evaluation techniques for major repair options

Mentimeter Survey



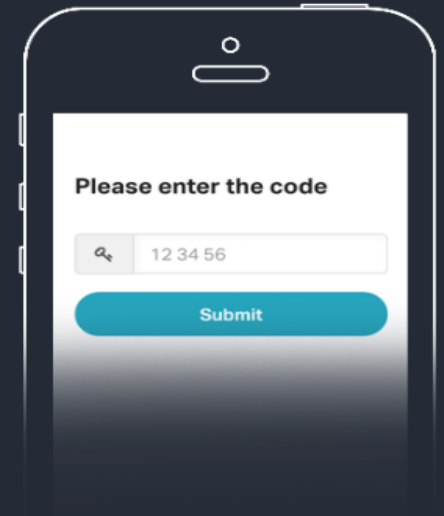
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2

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3

Enter the code [redacted] and vote

Small Group Workshop Discussion

Workshop session

- Similar technical area
- Question sheets to prompt discussion
- Record important and interesting discussion points
- Feedback session
 - Three top priorities for inclusion in the guides or dissemination of the guides



Feedback

Contact Us

- After thoughts
- New ideas
- General ARRB services and capability inquires

Offices in:
Brisbane, Sydney, Adelaide, Perth.

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and Head Office:
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Port Melbourne VIC 3207

ARRB.com.au
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Upcoming workshops

22



Unsealed roads



Bridge Inspections



Smart Pavements Now



Thank You

The image features a solid blue background with a pattern of small white dots. On the right side, several curved lines of dots sweep across the frame, creating a sense of motion. In the top left corner, the word "arto" is written in a white, lowercase, rounded sans-serif font. Below the logo, a large, light blue, rounded rectangular shape contains the text "SHAPING OUR TRANSPORT FUTURE" in a blue, uppercase, sans-serif font.

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SHAPING
OUR
TRANSPORT
FUTURE