You’re invited
ARRB invites you and your colleagues to one-day intensive workshop that will cover the key 2017 changes to the Austroads Guide to Pavement Technology: Part 2: Pavement Structural Design. Workshop participants are expected to have a solid understanding of the previous 2012 edition – unchanged material will not be covered during the workshop.

PURPOSE
Additionally, the workshop will demonstrate the online pavement design tool AustPADS released by Austroads. The simple tool will be used in the workshop to:

- Determine the asphalt thickness of a heavy duty pavement.
- Conduct the analyses necessary to assess the impact of a specialized vehicle on a specific pavement configuration.
- Conduct a user-define response-to-load analysis.

WHO SHOULD ATTEND?
Professionals who would benefit from attending this workshop include, but are not limited to:

- If you currently use Part 2 of the Guide for any of your work – attend this workshop.
- Pavement designers/engineers who have a working understanding of the previous 2012 edition.
- Academics, trainers and educators.

EXPERT TRAINER’S

Dr Michael Moffatt – National Technical Leader
Michael joined the Australian Road Research Board in 1991 after graduating from the University of Melbourne with a Bachelor of (Civil) Engineer with Honours degree. He holds a Master of Technology from Deakin University, and was awarded a PhD by Monash University for studies that underlay some of the content of this workshop. He is currently the National Technical Leader, Pavements at ARRB.

Geoff Jameson – Chief Scientist - Pavements & Surfacings
Geoff Jameson is a graduate from the University of Melbourne with a Bachelor of Science (Hons) degree. Prior to joining ARRB Group, he worked for VicRoads on various aspects of road construction materials, including seven years as the manager of the Pavement Design Section, which was responsible for standards of pavement design and rehabilitation of all freeways, highways, tourist and main roads in the State of Victoria. In 1992 – 1993 on secondment from VicRoads, Geoff was involved with the development of Pavement Management Systems in Hong Kong and the Philippines.

Andrew Papacostas – VicRoads Principal Advisor – Pavement, Geotech. & Materials
In this and previous roles he has been responsible for providing VicRoads with technical advice relating to pavement technology issues.

How to register
To register for this workshop and make payments please click on the button.

Please note
On receipt of this registration, a confirmation email will be sent to you. If you do not receive confirmation, your registration may not have been processed or received.

Venue
Melbourne – ARRB Auditorium, 500 Burwood Highway, Vermont South.

Investment
Full Registration Fees
$1,111 (includes GST)

Advanced Booking Registration
SAVE OVER $100 (Must book by DD/M/YY)
$1,001 (includes GST)

Student Discount
(Present Student ID at registration)
$924 (includes GST)
Austroads Guide to Pavement Technology:

Melbourne | 8 August 2017

Workshop details

For further details on the workshop including:
- Course program
- Course materials
- Endorsements & supporters

visit the workshop website

Cancellations

If you are no longer able to attend this event a substitute attendee may take your place. However, if you wish to cancel your registration a full refund, minus a $220 (incl GST) service fee, will be given provided you have notified us in writing, by email, letter or fax, at least 10 business days before the start of the workshop. No refund is available for cancellations under 10 days.

ARRB’s Privacy Statement

Personal information provided by you may be held on a database and may be shared with others both nationally and internationally. Sometimes your details may be obtained from, or made available to external companies for marketing purposes. If you do not wish us to hold your details, please write to Privacy Officer, ARRB Group, 500 Burwood Highway, Vermont South, Vic 3133 or email on privacy@arrb.com.au. If you choose to ask us not to hold your details, we may not be able to provide you with the services you require. A copy of ARRB’s Privacy Policy is available upon request.

General enquiries

For further information about this course, please contact the Events Coordinator on 03 9881 1680, or via email: training@arrb.com.au.

You can also visit our website: arrb.com.au/workshops

WORKSHOP AGENDA

The workshop will cover the main changes in the guide:

- Guidance on considering the improved properties of lime stabilised subgrades in flexible pavement design.
- Considering selected subgrade materials in the empirical design of unbound granular pavements with thin bituminous surfacing.
- Improved characterisation of cemented materials in mechanistic design – including the incorporation of the flexural strength in the characterisation of flexural fatigue performance.
- Use of laboratory measured flexural modulus of asphalt materials in mechanistic design ~ including reference to new Austroads test methods for flexural modulus and fatigue assessment using sinusoidal loading.
- Specific guidance on considering the traffic capacity limit of the design lane for high traffic levels.
- Replacement of Standard Axle Repetitions (SARs) in characterising design traffic for flexible pavements by using the strains generated by each load level and axle group type directly in the damage models for asphalt and cemented materials.
- Incorporation of a maximum design traffic level for the determination of asphalt thickness.

WORKSHOP TIMETABLE

8.30 am
Tea and coffee, a networking opportunity

9.00 am
Workshop introduction

9.15 am
Overview of the key changes to Part 2

9.30 am
Lime stabilised subgrades and selected subgrades

10.00 am
Characterisation of cemented materials, part 1

10.30 am
Morning tea

10.50 am
Characterisation of cemented materials, part 2

11.15 am
Characterisation of asphalt materials

12.00 pm
Background to relating damage to strains resulting from individual axle loads in design traffic distribution

12.45 pm | Lunch break
(with lunch provided)

1.30 pm
Using the strain-based design approach (includes maximum design traffic levels for asphalt; and lane capacity checks)

3.30 pm
Afternoon tea

3.45 pm
AustPADS online design tool

4.30 pm
Summary

5.00 pm
Workshop concludes.