

Concrete Pavement Design & Construction

Investment:

\$1,435.50 early bird

\$1,595.00 regular

\$1,295.00 ASCP Members

Incl. GST, all catering (Lunch, M/A Teas) & Notes



Centre for Pavement
Engineering Education

course overview (2 days) | 2020

This course will inform on the principles & practices involved in concrete pavement design & construction and the program will closely follow the content in the appropriate Chapters of the Austroads Guide to Pavement Technology – Part 2: Pavement Structural Design and Part 4C: Materials for the Concrete Pavements, which are used as the principal references.

The materials content will however cover more information than is in the current Guide, as the selection of materials is critical to producing a road/pavement design that will deliver both structural and functional performance. Appropriate joint types and their design are key elements and will be discussed in detail. The important construction aspects will also be elaborated on.

topics

- Pavement Design Systems
- Construction & Maintenance Considerations
- Road Environment
- Subgrade Evaluation
- Materials
- Design Traffic and Case Study
- Structural Thickness & Pavement Design
- Jointing & Reinforcement
- Construction Aspects
- Finishing
- Worked Examples
- Design Exercise and Workshop

Includes
Complimentary
Membership
(\$170) to ASCP!

primary presenter

Justin Moss – Technical Director, (Pavements), ARCADIS, & President ASCP

Justin's experience encompasses most facets of pavement engineering, including rigid pavements, flexible pavements, asphalt, sprayed sealing, materials technology, pavement condition and strategy development in both operational and research contexts. As Arcadis' national Technical Director (Pavements), Justin has presided over the growth of the largest non-government Pavement Design team, training initiatives, detailed designs and strategic investigations. Additionally, Justin was appointed President of the Australian Society of Concrete Pavements (ASCP) in April 2019, and holds the position of Director, International Society for Concrete Pavements Inc. Justin has been Supervising Pavement Engineer, Rigid pavements, at Roads and Maritime Services where he was responsible for developing and promoting technical expertise in rigid pavement design and construction in order to deliver improved road pavement performance, minimise life-cycle costs and manage current and future technical risk in RMS. He also contributed to the development and retention of technical capability in concrete pavement technology within RMS and industry by identifying training needs and developing and delivering training courses for internal and external stakeholders. Justin holds a masters in Pavement Technology and is a past recipient of the ISCP's "Eldon J. Yoder Best Paper Award".

Please refer to our [website](#) for more details on Presenters!



The following Austroads Guide is used
as the key reference.

Guide to Pavement Technology
Part 2: Pavement Structural Design
Part 4C: Materials for Concrete Pavements



Centre for Pavement
Engineering Education

CPEE supported by



Austroads



INSTITUTE OF PUBLIC WORKS
ENGINEERING AUSTRALASIA



Pavement Recycling and Stabilisation Association



AUSTRALIAN
SOCIETY FOR
CONCRETE
PAVEMENTS



Quality
Endorsed
Company



CPEE
Professional
Development

who should attend

- State road agency and local government engineers and managers with responsibilities in the provision, approval, design, construction or maintenance of concrete roads & pavements. This to also include project managers and senior supervisors.
- Consulting engineers with involvement in road and/or pavement projects.
- Road & Pavement construction contractors, engineers, project managers and supervisors.
- Local Government engineers, project managers and senior supervisors.
- Technical operatives and Engineering graduates and “cadets” looking for specialist knowledge for career development.

CPEE professional development (CPD)

This course, with content based on the relevant CPEE postgraduate distance learning study Unit, is facilitated and delivered by recognised practitioners in the field and is of such technical content that the number of hours involved should be fully acceptable toward Continuing Professional Development (CPD) standing.

organiser & endorsements

Centre for Pavement Engineering and Education (CPEE): This course is presented by CPEE, a non-profit, specialist higher education private provider (roads, pavements & infrastructure asset management), founded by AUSTROADS and the Australian Asphalt Pavement Association (AAPA). CPEE offers Graduate Certificate, Bachelor of Engineering (Honours) and Master of Technology qualifications in roads, pavement engineering and infrastructure asset management, and has formal links to the University of Tasmania.

course size, enquiries & management

Due to its practical nature, numbers are limited for this course so it is advisable that you register quickly to avoid missing out. Its unique and targeted content means this course is unlikely to be offered again in this location for some time.

CPEE is supported by

Austroroads: Austroroads is the peak organisation of Australasian road transport traffic agencies. Austroroads members are the Australian state and territory road transport and traffic authorities, the Department for Infrastructure, Transport, Regional Development and Local Government, the Australian Local Government Association (ALGA), and the New Zealand Transport Agency. Austroroads members are collectively responsible for the management of over 900,000 kilometres of roads valued at more than \$250 billion representing the single largest community asset in Australia and New Zealand.

IPWEA: The Institute of Public Works Engineering Australasia is a professional organisation providing member services and advocacy for those involved in and delivering public works and engineering services to the community. Previously known as the Institute of Municipal Engineering Australia (IMEA), the organisation has expanded its traditional local government engineering focus to public works and thereby covering all levels of government and private practice.

Pavement Recycling and Stabilisation Association (AustStab): The Australian Stabilisation Industry Association is a national organisation set up to educate and inform the civil engineering industry of the environmental and economic advantages of road recycling and all types of stabilisation. Its members are contractors, binder suppliers, government road authorities and plant manufacturers.

Roads Australia: Roads Australia is a not-for-profit, non-political industry association. Members are drawn from all corners of the Australian road sector, and we champion the interests of a vital national asset - Australia's road transport system - and provide a forum for policy development, networking and communication. Further, we seek to draw attention to the importance of Australia's road network to the economic and social fabric of the nation, and to ensure that information and decision-making in relation to roads and road transport is well informed and reflects an appropriate level of priorities.

Australian Society for Concrete Pavements: The Australian Society for Concrete Pavements (ASCP) was formed in October 2007 to facilitate improvements in the design, construction & quality of concrete pavements in Australia through education, information and technology transfer, and research. Members enjoy many benefits including access to 'member only' areas of the ASCP web site, as well as discount on seminar and conference fee.

SRAs: State Road Agencies are responsible for the management of the road network, which includes planning, designing, construction and maintaining road use through registering vehicles, licensing drivers and traffic management, and providing information and other road user services. The SRA also provides quality assured integrated investigation, testing and design services in the pavement technology and geotechnical engineering disciplines, and provides support to CPEE in developing expertise and undertaking education in all aspects of the flexible pavements industry.

Cancellation Policy:

- ▶ Cancellations made 10 working days or more prior to the events start date: Full refund.
- ▶ Cancellations within 9-5 working days of the event start date: 50% refund.
- ▶ Cancellations less than 5 working days of the events start date or after the event has started: No refund.

If you are unable to attend this event a substitute attendee may take your place, without penalty. CPEE reserves the right to cancel or reschedule any course, whereby a full refund or course transfer will be provided.

For more information:

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