

Concrete Pavement Design & Construction

VENUE: Austroads, Level 9, 287 Elizabeth St, Sydney

DATE: October 15-16 2019

Investment:

\$1,435.50 early bird \$1,595 regular

\$1,295 ASCP Members

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



Centre for Pavement
Engineering Education

course overview (2 days) 2019

SYDNEY

Intended to inform on the principles & practices involved in concrete pavement design, the course 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

primary presenter

John Hodgkinson, Senior Consultant Tasman Associates Pty Ltd - Course Primary Presenter

John is a senior pavement engineer with extensive experience in rigid construction as well as having been involved in developing and presenting special courses for concrete pavement construction over many years.

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

This Course is for uptake of primary knowledge on the topic and will provide an ideal base preparation for those intending to study the CPEE Distance Learning Unit "CPE610: Rigid Pavement Construction" which is part of the CPEE post graduate distance education programs specialising in Road & Pavement Engineering.

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



course supported by



Austroads



roadsaustralia



Pavement Recycling and Stabilisation Association



Australian Society for Concrete Pavements



Quality
Endorsed
Company



CPEE
Professional
Development

who should attend

- State road authority 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 private provider (roads and pavements) of tertiary education, founded by AUSTRROADS and the Australian Asphalt Pavement Association (AAPA). CPEE offers Graduate Certificate, Graduate Diploma, Master of Technology and Master of Engineering qualifications in roads, pavement engineering and infrastructure asset management, and has formal links to La Trobe University, the University of Tasmania & the Chifley Business School.

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.

supported by

Austrroads: Austrroads is the Association of Australian and New Zealand road transport and traffic authorities. Austrroads members are the six Australian state and two 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.

IPWEA: The Institute of Public Works Engineering Australia 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.

SRA: 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: If you are unable to attend this event a substitute attendee may take your place, without penalty. However, if you wish to cancel your registration, a refund, less a \$125 (Inc. GST) service fee, will be given provided you have notified us in writing, at least 10 days before the start of the event. No refund is available for cancellations under 10 days. 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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