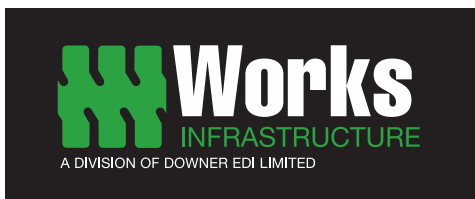


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2nd Road & Pavement Engineering & Management Conference

in conjunction with the 3rd Victorian Roads Conference

www.halledit.com.au/conferences/roads07

Wednesday 28 and Thursday 29 March 2007
Carlton Crest Hotel, Melbourne

This two-day Conference focuses on the management and engineering of roads. It includes local roads, traffic areas, residential streets, rural roads, footpaths and road reserves.

The second **Roads & Pavement Engineering & Management Conference 2007** has been designed to alert road asset-owners, road engineers, managers, consultants, contractors, councillors and suppliers about the most important new developments and issues in the road industry.

TOPICS INCLUDE: Road and asset management, alternative sources of road funding, project delivery, contract management, partnerships & alliance models, pavement management, unsealed roads, innovations in road surfacings, dust control, cost effective road maintenance, signs, roadmarking, worksite safety, water management and conservation within the road reserve.

This two-day event will bring together councils, state government road managers, and the private sector.

SPEAKING PROGRAM, WORKSHOPS & EXHIBITIONS

Senior managers and leading practitioners and consultants in the road and pavements sector will present up-to-the-minute, highly **relevant and practical** information to assist road managers and engineers to perform their roles in an increasingly complex road environment.

CASE STUDIES: from a number of **Council Engineers** are a feature of this conference.

SPEAKERS INCLUDE:

CASE STUDY: Glenorchy Council, Tasmania: Service level model implementation for Asset Management Services

Emilio Reale, Executive Officer Works, Glenorchy City Council

CASE STUDY: Gosford City Council, NSW Road Performance Modelling – Getting it right from the ground up

Phil Miles, Road Asset Engineer, Gosford City Council

Alliance Contract for Council Projects including Road-works

Geoff Newton, Coffs Harbour City Council

Funding of Long-Term Road Projects through Special Charge Schemes

John Rantino, Partner and Greg Campbell, Partner, Maddocks

CASE STUDY: Baw Baw Shire Road Strategy Plan: A Practical Guide To Road Management

Wally Tabensky, Director Infrastructure & Environment, Baw Baw Shire Council

CASE STUDY: Cost Effective Road Maintenance Trial – Corangamite Shire

Paul Samaratunge, Assets Planning Manager, Corangamite Shire

Water Sensitive Urban Design – making it standard procedure

Sheridan Blunt, Sustainable Water Program Coordinator, City of Melbourne

WORKSHOPS: A series of Workshops will be conducted parallel to the speaking stream.

EXHIBITION: Update your knowledge at the Conference Road Exhibition.

PROUDLY SUPPORTED BY:



To register: fax (03) 9530 8911, phone (03) 8534 5000 or email registration@halledit.com.au

2nd Road & Pavement Engineering & Management Conference

DAY 1: ROAD MANAGEMENT SESSIONS Wednesday 28 March 2007

FOR DAY 1 WORKSHOPS SEE PAGE 4

8.00 REGISTRATION AND MORNING COFFEE

8.45 CONFERENCE OPENING: SCOTT MATTHEWS, CONFERENCE CHAIR

ASSET MANAGEMENT SESSION

8.50 KEYNOTE PRESENTATION: ASSET ACCOUNTING METHODS TO MEET THE INTERNATIONAL FINANCIAL REPORTING STANDARDS IN ASSET MANAGEMENT

- Asset accounting overview – fair value, written down value residual life, remaining life, useful life and depreciations
- The upcoming requirements for local governments in asset management and accounting
- How to determine fair value per the accounting standards
- Audit risks
- Impairment and its impact on valuations
- Depreciation and asset consumption
- Audit requirements – the impact from new auditing standards
- Making the valuation deliver more than just figures – integration into the asset management framework
- Detailed analysis of sample asset classes – integrating fair value and asset management
- Using engineering performance models to get valuations in the right ball-park

David Edgerton, *Director of Australia Pacific Valuers, & Ashay Prabhu*, *Director ACEAM Pty Ltd*

9.25 CASE STUDY: GOSFORD CITY COUNCIL, NSW ROAD PERFORMANCE MODELLING – GETTING IT RIGHT FROM THE GROUND UP

- How models were developed from the ground up
- Tested and calibrated for reality checks
- Effective communication with stakeholders in determining levels of service/funding scenarios

Phil Miles, *Road Asset Engineer, Gosford City Council*

9.50 CASE STUDY: GLENORCHY COUNCIL, TASMANIA: SERVICE LEVEL MODEL IMPLEMENTATION FOR ASSET MANAGEMENT SERVICES

- Implementation and testing process that has spanned nearly two years
- Option evaluation, financial model development
- Funding policies re-visited and calibrated
- Service level model implementation through a rigorous maintenance management training process
- Advantages in measuring performance, developing needs based budgets and reporting
- Council's LG Focus Award in 2006

Emilio Reale, *Executive Officer Works, Glenorchy City Council*

10.15 QUESTIONS

10.25 MORNING TEA

11.00 CASE STUDY: REGIONAL COLLABORATION OF FIVE METROPOLITAN SOUTH AUSTRALIAN COUNCILS; ROAD SURFACE MANAGEMENT – CONDITION-RATING, PRIORITY-RATING AND MODELLING

- Developing standard road segment and surface attributes for the region
- Developing a consistent approach to condition rating
- Developing a methodology for establishing priority scores for segments
- 20-year modelling balancing condition and priority to manage funding gap
- Ongoing collaboration, sharing ideas, training and user groups

Rod Ellis, *Director, Practice Manager, Tonkin Consulting*

11.30 CASE STUDY: ASSET MANAGEMENT SYSTEM FOR THE M4 MOTORWAY

- Why the M4 needed a new asset management system
- What the M4 considered when selecting and implementing its asset management system
- Kept it simple, took one step at a time and addressed the three streams of asset management

Khaled Azer, *Asset Manager, Statewide Roads Limited*, & **Jeff Roorda**, *Director, Jeff Roorda and Associates*

11.55 ASSET MANAGEMENT PANEL SESSION

12.15 ARF PRESENTATION

Ian Webb, *Executive Director, ARF*

12.20 LUNCH

PROVISION OF ROAD ASSETS SESSION

1.20 CONTRACT MANAGEMENT FROM A CONTRACTOR'S PERSPECTIVE

- A partnership approach to contract delivery
- Understanding how contractors can add value to contracts
- Efficiency through standardisation
- Achieving better outcomes for the client and community

Bob Seiffert, *Executive Director (Victoria), Civil Contractors Federation*

1.45 PARTNERSHIPS FOR DELIVERING ROAD SERVICES

- Addressing the road funding gap
- 'Safer Local Roads' partnership contract

Bruce Douglas, *Director of Sustainable Infrastructure, Mornington Peninsula Shire Council*

2.10 BEING AN ALLIANCE PARTNER

- A provider's perspective
- Murray Brown**, *Works Infrastructure*

2.35 PANEL SESSION

2.55 AFTERNOON TEA

3.30 ALLIANCE CONTRACT FOR COUNCIL PROJECTS INCLUDING ROAD-WORKS

- Bundling of projects to increase viability and interest from tenderers
- Borrowing for infrastructure works
- Costs and risks vs conventional contract forms

Geoff Newton, *Coffs Harbour City Council*

2nd Road & Pavement Engineering & Management Conference

DAY 1: ROAD MANAGEMENT SESSIONS Wednesday 28 March 2007

3.55 FUNDING OF LONG-TERM ROAD PROJECTS THROUGH SPECIAL CHARGE SCHEMES

- Utilisation of the special charges provisions of the Local Government Act to fund, or contribute to, the funding of long-term design, construct, finance and maintain contracts for road construction
- How councils can increase the funds available for road works.
- Implications of the amendments to special rate provisions of the *Local Government Act 1989*
- Alternative rating options under the LGA

John Rantino, *Partner &*

Greg Campbell, *Partner, Maddocks*

4.40 IMPROVING ROAD SAFETY IN A LOCAL GOVERNMENT AREA THROUGH NETRISK

- 'Safer Local Roads' partnership contract
- Risk assessment
- Improved road safety management
- Simple methods to identify, assess and treat road safety issues

Bruce Douglas, *Director of Sustainable Infrastructure, Mornington Peninsula Shire Council*

5.00 PANEL SESSION

5.15 NETWORKING DRINKS: SPONSORED BY WORKS INFRASTRUCTURE



DAY 2: TECHNICAL SESSIONS Thursday 29 March 2007

PAVEMENT SESSION

8.00 REGISTRATION AND MORNING COFFEE

8.30 UNSEALED ROADS

- Review of current new construction and maintenance practices
- Innovations
- Practices from overseas

George Giummarra, *Principal Consulting Engineer, ARRB Group*

9.00 CASE STUDY: BAW BAW SHIRE ROAD STRATEGY PLAN: A PRACTICAL GUIDE TO ROAD MANAGEMENT

- 50km of road sealing per annum
- Securing alternative funds from residents for sealing works
- Rating sealing projects to prioritise and justify work, including footpaths
- Matching sealing approach to traffic loads

Wally Tabensky, *Director Infrastructure & Environment, Baw Baw Shire Council*

9.30 INNOVATIONS IN SURFACINGS FOR LOW VOLUME ROADS

- Alternative sealing solutions
- Effective treatment of cracked seals
- Economical pavement life extension
- Austroads framework specification and guidance on selection
- Appropriate work practices required to achieve satisfactory performance of reseal treatments

Walter Holtrop, *National Surfacing Engineer, AAPA*

10.00 DUST CONTROL & SUPPRESSANTS

- Overcoming dust
- Alternative methods and solutions

George Giummarra, *Principal Consulting Engineer, ARRB Group*

10.15 PANEL SESSION

10.30 MORNING TEA

11.00 ARE YOU DEMANDING BEST VALUE PAVEMENTS FOR YOUR URBAN DEVELOPMENTS?

- Performance of granular pavements with thin surfacings for the urban local road network
- Strategies to rectify defects that pose a hazard to users
- Alternative asphalt pavement design for reduced asset management costs for councils
- Asset management benefits from the use of alternative pavements for cycleways, footpaths, and pedestrian precincts

David Mangan, *Regional Executive – Southern, AAPA*

11.25 INNOVATIVE PAVEMENT DESIGNS

- Utilising marginal materials

George Vorobieff, *Executive Director, AustStab*

11.50 CASE STUDY: COST EFFECTIVE ROAD MAINTENANCE TRIAL- CORANGAMITE SHIRE

- Eight-year trial of cost-effective treatments for rural road maintenance and rehabilitation
- Overcoming marginal pavement materials, surface defects and thin pavements
- How to do more of the network with limited funding
- Council stabilisation practices and works

Paul Samaratunge, *Assets Planning Manager, Corangamite Shire*

12.15 PANEL SESSION

12.30 LUNCH

2nd Road & Pavement Engineering & Management Conference

DAY 2: TECHNICAL SESSIONS Thursday 29 March 2007

SIGNS, ROADMARKING & SAFETY SESSION

1.30 ASSESSMENT OF ROAD SIGNS FOR RETROREFLECTIVITY

- Discusses factors involved in sign perception by drivers, including results of international research
- Key focus on night time sign performance
- Examines practices of Australian Road Authorities for testing of signs vs industry performance standards
- Presents the assessment model developed and implemented at Latrobe City Council

Stephen J. Howe, Senior Manager Infrastructure Operations, Latrobe City Council

2.00 TRAFFIC SIGNS – WHICH CLASS TO USE?

- Performance differences of traffic sign classes
- Optimising sign performance
- Which classes to use where

Jim Williams, Business Manager, Avery Dennison, Reflective Products Division, Australia

2.20 NEW TECHNOLOGIES FOR INCREASED WORK SITE SAFETY

- Altering driver behaviour through intelligent signs
- Variable message and speed monitoring
- Deterring speeding drivers
- Video surveillance of traffic flow and road conditions

John Annison, Traffic Product Manager, Coates Shorco

2.40 PANEL SESSION

3.00 AFTERNOON TEA

WATER IN THE ROAD RESERVE SESSION (SEMINAR)

Chair Darren Atkinson, President AILA Vic Branch

3.30 WATER SENSITIVE URBAN DESIGN – MAKING IT STANDARD PROCEDURE

- Making our urban designs more responsive to their environment
- Achieving water savings and improving the health of our waterways
- How do we tie WSUD requirements into all the other design and implementation considerations for delivering projects?

Sheridan Blunt, Sustainable Water Program Coordinator, City of Melbourne

3.50 WATER CONSERVATION OF THE ROAD AND STREETScape

- Plant selection and landscape design to minimise water demand
- CASE STUDIES of Australian projects

Peter Haack, EDAW

4.15 THE CITY AS A CATCHMENT

- Harvesting stormwater
- Water management in asset renewal programs
- Clause 56 – water catchment plans
- CASE STUDY of a residential scale allotment

Dr Peter Holt, Senior Water Cycle Engineer, Ecological Engineering

4.45 INNOVATIONS IN URBAN WATER SENSITIVE DESIGN

- Street tree pit and other innovative solutions
- Reducing water use in road reserves

Leon Harvey, Sustainable Water Project Officer, City of Melbourne

5.10 PANEL SESSION

5.30 CONFERENCE CLOSE

DAY 1 & 2 WORKSHOP PROGRAM

The Conference includes a number of Workshops which can be attended in place of the Speaking Program.

Delegates may freely swap between the Workshops and Speaking Program in order to tailor a Conference that best meets their information needs. Delegate fee covers either.

All workshops will include substantial time for participants to interact and raise and discuss issues.

DAY 1, 9.00AM – 10.25AM, SIGNS AND ROADMARKING WORKSHOP

This workshop will consider the proper and effective use of signs and roadmarking.

DAY 1, 11.00AM – 12.20PM, TRAFFIC CONTROL FOR SHORT TERM AND MOBILE WORKS WORKSHOP

This workshop will consider issues such as signage, risk assessment, roadwork speed zones, traffic control plans and traffic control devices

DAY 1, 1.20PM – 2.55PM, FLEXIBLE PAVEMENTS WORKSHOP

The objective of this workshop is to consider the 'timely maintenance' aspect and the appropriate required interventions in different circumstances dependent on the point of time that the maintenance intervention occurs.

The Workshop will be led by the Australian Asphalt Pavement Association

DAY 2, 9.00AM – 12.30PM, MASTER CLASS WORKSHOP ON ASSET ACCOUNTING AND MANAGEMENT

The objective of this half-day workshop is for Finance Managers and Asset Managers/Engineers to appreciate and understand how depreciation, valuations and asset accounting works from a perspective of ageing infrastructure. It is also aimed at your auditors. With the new changes to the accounting standards and adoption of Fair Value, many auditors will also be looking for guidance on how best to implement the changes and how to ensure that your council can support the methodology and gain audit clearance.

1. This workshop will cover more specific detail.
2. Learn how to build an asset consumption model using real-time data.
3. Apply this model to the asset accounting method.
4. Develop depreciation figures based on fair value.

David Edgerton (ex Queensland Audit Office) is one of Australia's leading Asset Accounting Auditors and together with **Ashay Prabhu** (Asset Management Practitioner) will present practical views on how asset accounting and asset management can be used together as a seamless tool for better governance.

CONFERENCE CONVENER



Scott Matthews is the Conference Convener for this Conference. Scott is a qualified professional engineer who has worked within the road and construction industries for over two decades, including seven years at VicRoads. Scott has served on a number of Austrroads and other technical committees and is a contributing author to many road and construction guides and publications. He has also presented papers at numerous road and other conferences over the past 18 years and served on numerous organising committees including RILEM and The World Congress of the Council Tall Buildings and Urban Habitat. His 16 years with the Cement and Concrete Association saw a close involvement with road engineering including bridges. Scott was also Secretary for 12 years at the Victoria Branch of the Concrete Institute of Australia which in this time conducted a number of Road and Bridge Seminars and Technical Evenings.

Hallmark Conferences + Events is a division of Hallmark Editions Pty Ltd, a well-established publishing and information company. In addition to conducting conferences the company produces journals, magazines, newsletters and directories, often in partnership with industry and professional associations in the local government, environmental and R&D fields (see www.halledit.com.au). It has extensive experience in the engineering and government sectors publishing *ROADS*, *HR Update*, *Local Government News*, *Councillor Magazine* and the *Public Works Engineering Journal* amongst others.

EXHIBITION

The Conference will feature an exhibition to provide conference attendees the opportunity to view and discuss innovative products and services now available from agencies, contractors, designers and suppliers.

Exhibitors can include any supplier of goods or services to the management, maintenance, refurbishment, design or construction of roads, bridges and pavements including streetscapes and road reserves. Consultants and contractors offering design, testing or maintenance services as well government agencies and industry associations can also exhibit.

The exhibition will be held over two days, March 28 & 29, 2006, from 8.00am to 6.00pm Wednesday and 8.00am to 4.30pm Thursday.

TO EXHIBIT OR SPONSOR

To see how the opportunities at the conference and accompanying exhibition can benefit you, please contact Scott Matthews:
Ph: (03) 8534 5004 (direct) or (03) 8534 5000 (switch)
Email scott.matthews@halledit.com.au

VENUE

The Conference venue is the Carlton Crest Hotel opposite Albert Park Lake. The address is 65 Queens Road, Melbourne, Victoria, Australia, 3004

ACCOMMODATION

We have secured a block of discounted accommodation for the conference at the venue which is a good quality hotel as well as an excellent conference venue. Further details can be found on the conference website.

Due to the march 2007 Swimming Championships we recommend that you book your accommodation early.

WORLD SWIMMING CHAMPIONSHIPS

Melbourne will host some of the finest athletes on the planet when the 12th FINA World Championships will be held from March 17 – April 1 2007 and five aquatic disciplines will be contested – Swimming, Open Water Swimming, Diving, Water Polo and Synchronised Swimming.

So why not combine your attendance at the roads conference with the championships by attending an evening session? See www.melbourne2007.com.au

DELEGATE PROFILE..... WHO WILL ATTEND

Managers, road asset managers and engineers and other professionals from the Roads & Pavements Industry including:

- Public and Private Sectors;
- Local Government;
- Commonwealth Government Departments and Agencies;
- State Government Departments and Agencies;
- Design Consultants;
- Contractors;
- Councillors;
- Road Product and Service Providers; and
- Management, Legal and Employment Service Providers.





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2nd Road & Pavement Engineering & Management Conference In conjunction with the 3rd Victorian Roads Conference

Carlton Crest Hotel, Melbourne – 28-29 March 2007

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ATTENDEES (speaking sessions or workshops)

Delegate 1: Name

Full conference Day 1 Day 2

Position

Email

Delegate 2: Name

Full conference Day 1 Day 2

Position

Email

Delegate 3: Name

Full conference Day 1 Day 2

Position

Email

Delegate 4: Name

Full conference Day 1 Day 2

Position

Email

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Organisation

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Postcode

Ph

Fax

Please indicate number of attendees for each of the below:

CONFERENCE FEES (includes speaking stream &/or workshops)

[] x (\$875 inc GST) Full conference = []
[] x (\$495 inc GST) Day rate = []

Second and subsequent delegates

[] x (\$825 inc GST) Full conference = []
[] x (\$425 inc GST) Day rate = []

Asset Workshop and Water Seminar only

[] x (\$345 inc GST) Master Class Workshop
on Asset Accounting and Management (\$345 inc GST) = []
[] x (\$120 inc GST) Water in the Road Reserve Seminar = []

TOTAL AMOUNT = []

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PRIVACY DISCLOSURE The collection of your personal information is governed by privacy laws. Your information is collected for the purposes of processing your registration or to respond to your request to receive information about this Conference and other events by Hallmark Conferences + Events, and to market the products and services of the Conference and our business associates. You may request to gain access to any of your personal information that we have collected. If you do not wish to have this information used for marketing purposes, please contact (03) 8534 5000 or tick the following box

PARKING: Parking is available in the Hotel's basement carpark.

SUBSTITUTING DELEGATES If you are unable to attend on both days, you are welcome to share your registration with ONE OTHER colleague from the same organisation. Entry to the Convention will be by delegate badge only. You must inform Hallmark Conferences + Events if you are substituting delegates. Maximum 2 delegates may attend from the one registration.

CONFIRMATION DETAILS Places for registered attendees are not confirmed until payment of invoice is received. Once payment is received, confirmation details will be sent within 10 business days. Please contact the Registration Officer at Hallmark Conferences + Events if invoice or confirmation has not been received within this time.

CANCELLATION POLICY A substitute delegate is always welcome. Otherwise, a full refund, less a \$50 admin service charge, will be received

for cancellations received in writing (fax or letter) up to two weeks before the event. Documentation and a 50% refund will be sent for cancellations received one week prior to the event. No refunds can be given for cancellations within one week of the event. Every effort will be made to contact each attendee should an event be rescheduled or cancelled by Hallmark Conferences + Events Pty Ltd for any reason.

INDEMNITY Hallmark Conferences + Events reserves the right to change the venue and/or speakers of any event due to circumstances beyond our control. In the event of changes to venue or speakers, or cancellation of the event, Hallmark Conferences + Events is indemnified against any or all costs, damages, expenses, including legal fees, which are incurred by the attendee/s. In the case of venue change, all reasonable efforts will be made to inform attendees.