

Registration Form

- Please complete the registration and fax to IPWEAQ on 07 3632 6899 or Email to: info@ipweaq.asn.au
- Not a member? Take advantage of the best possible rates and receive regular updates - join IPWEAQ now!
- Confirmation of registration and further details will be advised prior to the Program
- This form may be used as a Tax Invoice
- Please tick if you do not wish to receive information from IPWEAQ

Name: Position/Title: Member Yes/No

Please indicate any special dietary requirements:

Council/Organisation:.....

Mailing Address:

Contact Ph: Fax: Email:

Location and Dates of Program:

All prices include GST			(inc GST)
Payment for:	IPWEAQ Member	Non Member	Total Amount
Registration	\$870.00	\$970.00	\$.....
Discount Registration**	\$810.00	\$910.00	\$.....

** Note: Discount applies where three or more persons attend from one Council/Organisation

Cheque Direct Debit Account No: _____

Credit Card A fee of 1.5% will be added to your payment for Mastercard or Visa

Mastercard Visa Purchase Order No: _____

Card number: _____

Expiry: ____ / ____

Name on Card: _____

Signature of Card Holder: _____

Email address for credit card receipt: _____

Cancellations received less than one week prior to a training program will incur \$200.00 inc GST administration charge. Substitutions may be made, however, advice of substitutions must be received three days prior to each program. Non attendance on the day will incur full fees.



PO Box 2100,
Fortitude Valley BC 4006
4/43-49 Sandgate Road, Albion 4010
p: (07) 3632 6800
f: (07) 3632 6899
w: www.ipwea.org.au/Queensland
e: info@ipweaq.asn.au

Institute of Public Works Engineering Australia
Queensland Division Inc



Investigation and Treatment of Crash Locations

CPD points for CPEng & RPEQ = 10 hours



Educates > Represents >
Connects > Leads >

Direct Debit into IPWEAQ Bank Account:
BSB 084 123 Account 205038440
Please note Crash Locations and your surname as the reference.

Your presenters



Robert Morgan
Traffic & Road Safety Consultant

Robert Morgan is the principal author of Austroads' Treatment of Crash Locations guide, now Part 8 of Austroads Guide to Road Safety series. He is also principal author of Austroads' very popular Road Safety Audit guide and a number of other guides.

He is one of Australia's most experienced road safety engineers. In total, he has well over 35 years experience in traffic engineering, road safety engineering and transport planning, including local government, federal government, consulting and with a UK New Town. Since 1993 he has operated his own traffic and road safety consultancy based in Melbourne. The treatment of crash locations and the application of road safety audit techniques go hand in hand. Robert has been involved in training workshops on these topics across Australia, as well as in the UK and USA. His practical experience in auditing and crash investigation also extends across Australia and overseas.



Gordon Lee
Principal Engineer (Road Safety) –
Transport and Main Roads
(Currently on leave)

Gordon Lee is a Civil Engineer, and has worked for Main Roads / Transport and Main Roads for over 40 years. In the earlier part of his career, Gordon worked in the areas of bridge design, computer programming and highway planning. In the past 30 years, he worked in the areas of traffic engineering and road safety.

As Principal Engineer (Road Safety) in the Road Safety and System Management Division of Transport and Main Roads, his main aim was to improve road environment safety for all road users through initiatives such as road safety audit and the treatment of hazardous road locations.

Gordon led the development of the Road Safety Audit Policy and the Crash Investigation policy and guidelines in Main Roads. He was the Project Manager for the development of the Austroads Guide to Treatment of Crash Locations on which the current Part 8 of Austroads Guide to Road Safety is based. Gordon was also involved in a number of Austroads road safety projects which included the development of the national Road Safety Guide.

Gordon has conducted numerous road safety audits of different stages, and investigated a number of crash locations. He has also conducted a large number of road safety audit training courses.

Investigation and Treatment of Crash Locations

Workshop outline

This two-day training workshop is based on the Austroads Guide to Road Safety Part 8: Treatment of Crash Locations.

The Austroads guidelines for investigating and treating crash locations on the road network draw together current practices in Australia and overseas. These guidelines now form a companion document for Austroads' Road Safety Audit guidelines.

The Austroads Treatment of Crash Locations guide contains practical, hands-on advice to help practitioners in road authorities investigate and treat locations on the road system which are experiencing traffic crashes. By effectively treating these locations, through the application of effective engineering solutions, the number and severity of crashes can be reduced. The guide includes a step-by-step process to be followed and this is explained through the workshop, with practical examples to help participants to become familiar. The guide also includes information on:

- The Safe System philosophy
- Understand crash costs
- How to identify the possible causes of repeated crash patterns
- How to select effective remedial treatments
- Undertaking economic appraisals

Workshop content

1. Providing a *Safe System*
2. Road safety engineering
3. Human factors
4. Identifying crash locations
5. Diagnosing the crash problem at the site
6. Selecting an effective solution
7. Crash costs
8. Economic appraisal
9. Working through practical examples

Program times

Day 1
• Registration 8.30 am
• Commence 9.00 am
• Conclude 5.00 pm

Day 2
• Commence 9.00 am
• Conclude 4.10 pm

All participants will be provided morning/afternoon tea and lunch. A copy of the workshop manual is also provided to each participant and will be a useful technical resource.

What do I need?

Please bring a calculator to this workshop. All participants will also need to bring a copy of the Guide to Road Safety Part 8: Treatment of Crash Locations, which is available to Austroads Members as a free downloadable PDF document or as a printed and bound document available from SAI Global.

Who should attend?

- * Traffic and road safety engineers
- * Road safety practitioners
- * Road design consultants; traffic consultants
- * Engineers requiring specialist training in crash investigation and treatment
- * Road Safety Auditors wishing to gain a greater understanding of crash investigation and treatment
- * Local government engineers and road safety officers
- * State Road Authority engineers who deal with blackspot investigations
- * Engineers looking to develop specialist skills for career development
- * Police involved in crash investigations