



Effective Management of Bridges & Culverts

Course overview

The course starts with a review of participant's roles in the management of bridges and what experience they have in bridge management. Building on this, the day's topics will include:

- An overview of bridge management, the various processes and techniques involved and where they fit into the broad process
- Inspection and load assessment techniques
- Prioritisation and management of works
- Bridge management software
- Maintenance techniques and safety
- Environmental issues (eg. Fish passage)
- Bridge Valuation

Designed for

This is a one day forum designed for engineers, managers, technicians, supervisors and elected members who are involved with or have responsibility managing bridges. The course is meant to give attendees an overall understanding of bridge management, the requirements and where the different activities fit within the broader management of bridges. Whilst it addresses inspection and load assessment techniques it is not meant to qualify attendees as bridge inspectors.

Outcomes

After the course, attendees should have a broad understanding of bridge management including the different inspection and load assessment techniques. They will be able to understand the prioritisation of bridge works and the different maintenance, environmental and safety requirements. Attendees should also be aware of software requirements and how software can be used to assist with prioritisation and valuation to meet financial reporting requirements.

Your presenter

Dr. Andrew Sonnenberg – Bridge Engineering Manager

Andrew leads pitt&sherry's bridge engineering section in Melbourne. Andrew's experience gained through work both in the public and private sector gives him an appreciation for the complexities of asset management and delivery of road & bridge projects.

Andrew's practical experience is reinforced by a strong theoretical basis. Andrew has a Masters of Business Administration and a PhD obtained from the study of the shear strength assessment of reinforced concrete bridge beams.

Andrew has led most of pitt&sherry's bridge inspection and rehabilitation projects in Queensland, Victoria and NSW to date. His clients include state and local government road authorities, rail authorities and construction contractors.



Program structure

8:30 am	Registration
9:00 am	Opening
9:20 am	Inspection Types
10:00 am	Prioritising Works
10:30 am	Morning Tea
10:50 am	Load Assessment
12.10 pm	Safety and Environmental Considerations
12.30 pm	Lunch
1.30 pm	Bridge and Culvert Maintenance
2:00 pm	Procurement Methods
2.15 pm	Software Options
2.45 pm	Asset Valuation
3.30 pm	Afternoon Tea - close

This program is available for in-house delivery. For a one-off cost, a Council may host the program and invite adjoining Councils to participate. The savings are worthwhile both in time and cost of travel and accommodation for staff, and may allow Councils to have more staff participate than would otherwise be possible.

CPD points for CPEng & RPEQ = 4 hours 10 mins



Educates > Represents >
Connects > Leads >

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Registration

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.

Please tick if you do not wish to receive information from IPWEAQ

Name: Position/Title:..... Member
Yes/No

Council/Organisation:

Mailing Address:

Phone No: Fax No: Email:

Location and Date of Program:

All prices include GST

Payment for:	IPWEAQ Member	Non Member	Total Amount (inc GST)
Registration	\$650.00	\$750.00	\$
Discount Registration*	\$610.00	\$710.00	\$

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

Payment Details: 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:

Cancellation Policy

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.

Direct Debit into IPWEAQ Bank Account:
BSB 084 123 Account 205038440
Please note Bridges & Culverts as the reference.

Enquiries

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