

New South Wales



**IPWEA**

INSTITUTE OF PUBLIC WORKS  
ENGINEERING AUSTRALASIA

# TIMBER BRIDGE INSPECTION & MAINTENANCE



## TIMBER BRIDGE INSPECTION & MAINTENANCE

This course has been designed specifically to provide local government road designers, civil construction contractors and asset managers with a better knowledge of the inspection and maintenance of timber bridgeworks. This two day course will provide participants with the knowledge and practical experience of how to combine relevant information from the best practice bridge management documents to assist in and conduct the inspection, maintenance and management of timber bridge assets in a local government context.

It is suited for those working in local government and involved in the inspection, condition assessment, maintenance of timber bridges, and for managers looking into bridge's life cycle costing, and programming of tasks associated with the management of timber bridges in NSW.

This training program is designed to follow the processes and management tools in the BRIDGEguide, Bridge Inspection and Management Manual. This manual is produced by the Roads & Transport Directorate and the Bridge Working Group.

### WHO SHOULD ATTEND:

- Local Government Engineers
- Managers & Supervisors
- Personnel involved in the design of bridges

### PRESENTER: MAL MONTGOMERY

Your presenter is Bridge Inspection Services Manager Mal Montgomery from Bridge Knowledge Pty Ltd. After more than 30 years of experience with the RTA working in all things bridges, Malcolm joined Local Government Engineering Services in 2010, who specialises in Non-destructive bridge inspections which involves condition assessment and reporting with recommendations of maintenance action, Calculation of bridge load limits, and Bridge construction surveillance.

### Contact

IPWEA NSW PROFESSIONAL DEVELOPMENT COORDINATOR

E: PD@ipwea.org T: 02 8267 3001 F: 02 8267 3071 W: www.ipwea.org/nsw

A: IPWEA, Level 12, 447 Kent Street, Sydney NSW 2000 ABN: 35093562602



## TIMBER BRIDGE INSPECTION & MAINTENANCE

### TOPICS COVERED

- Basics of Bridge Construction
- IPWEA (NSW) Roads & Transport Directorate
- BRIDGEguide: Bridge Inspection and Maintenance Manual
- Bridge Inspections
- Bridge Asset Management Plans
- Austroads: Guidelines for Bridge Maintenance
- Vicroads (2011) Road Structures Inspection Manual overview
- Safety & Traffic Management

### LEARNING OUTCOMES

Upon completion of the training learners will have obtained additional knowledge / skills to provide assistance to enable them to::

- Implement a timber bridge asset management plan and system;
- Successfully conduct and complete timber bridge inspections ;
- Successfully perform timber bridge maintenance;
- Complete all required reporting; and
- Follow all Work Health Safety risk management procedures required on-site.

**REGISTER AT: [www.ipwea.org/nsw](http://www.ipwea.org/nsw)**

---

#### Contact

IPWEA NSW PROFESSIONAL DEVELOPMENT COORDINATOR

E: PD@ipwea.org T: 02 8267 3001 F: 02 8267 3071 W: [www.ipwea.org/nsw](http://www.ipwea.org/nsw)

A: IPWEA, Level 12, 447 Kent Street, Sydney NSW 2000 ABN: 35093562602