



Queensland

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Assessing Heavy Vehicle Access to Bridges

Online Workshop
17 & 24 November 2021

**Up to
7 CPD
hours**

With the ever-increasing drive to improve the productivity of our road freight network, road agencies are continually being asked to assess requests for access to their road and bridge network. Bridge access is a critical link in this productivity improvement drive but understanding how to assess access requires a level of specialist knowledge and understanding.

This two-day online program is designed to provide the participant with a solid grounding in the fundamentals and various ways of assessing heavy vehicle access to bridges including industry terminology and nuances. The differences between heavy vehicle access assessments and bridge assessments will be covered, along with approaches to rapid assessment and managing consultants.

Learning Outcomes

By the end of the workshop participants will:

- ✓ be able to describe the difference between heavy vehicle assessment and bridge assessment;
- ✓ be able to describe the different tiers of assessment used in Australia;
- ✓ understand the methodology to assess an application vehicle; and
- ✓ have sufficient knowledge to develop inhouse capability or engage consultants to undertake this work.

Who should attend?

Heavy vehicle access assessment uses engineering principles, and as such, knowledge of engineering statics is needed to undertake assessments, however, the program will provide an excellent overview of the process suitable for any professional involved in the management of bridges.

Typical attendees may include:

- ✓ asset/bridge managers;
- ✓ engineers and other technical professionals;
- ✓ consultants; and
- ✓ transport operators.

Content

- ✓ Background to bridge access decision making in Australia
- ✓ Tiers of assessment
- ✓ Bridge assessment vs heavy vehicle access assessment
- ✓ The decision-making process for bridge access
- ✓ Defining bridge capability and a framework for Heavy Vehicle Access Assessment
- ✓ Critical variables that affect assessments
- ✓ Resourcing access assessments and getting the most from consultants

Learning strategies

- ✓ Lectures
- ✓ Case studies
- ✓ Group discussions
- ✓ Worked examples

Delivery Method

The course will be delivered on two consecutive Wednesdays (17 and 24 November) from 9am -12:30pm. Attendees will be required to join the workshop using video conferencing.

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