



BRIDGE POLICY CIRCULAR BPC2006/03

RTA APPROVAL OF PROPRIETARY BRIDGING SYSTEMS

Background

The performance of some proprietary bridging systems in use has not always been satisfactory, with the consequence being that asset owners potentially now face costly and ongoing repairs to bridges only recently put into service.

Bridge Policy Circulars CBE 99/1, CBE 99/5 and BPC 2001/02 specify RTA requirements for some proprietary bridging systems.

The RTA has reviewed a number of systems submitted for assessment for suitability for RTA use. As a result of these reviews, suppliers have made changes to their systems or the RTA's policies have been amended to ensure adequate performance of bridging systems in service.

Current Position

There are a number of proprietary bridging systems now available that are highly competitive with more traditional methods of bridging but not all systems conform to RTA needs and requirements, and there is potential for recurrence of the problems that have been eliminated from approved systems.

Action

Proprietary bridging systems shall be assessed by the RTA for conformance to AS 5100 Bridge design, relevant RTA policies and their suitability for use on RTA funded works prior to use on RTA funded works.

Submissions from suppliers of such systems shall be forwarded to the Manager, Bridge Specification & Rehabilitation in the RTA's Bridge Engineering Section (ph 02 8837 0850 fax 02 8837 0054) in the first instance. Submissions shall contain full details of the proposed bridging system, and sufficient supporting documentation, including design calculations and performance records, to enable assessment of the suitability of the system for RTA use.

Contact:	Greg Forster
Section:	Bridge Engineering
Telephone no:	8837 0850
File no:	94M3917
Circular Number:	BPC2006/03

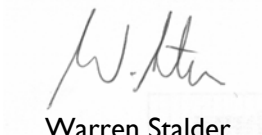
Project Managers, Asset Managers and Principal's Representatives shall consult Bridge Engineering Section prior to specifying or accepting the use of proprietary systems on RTA funded works.

References: CBE 99/1, CBE 99/5, BPC 2001/02

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Approved:



Warren Stalder

A/Manager, Bridge Technology

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