

**File: CO7-0011**

**29<sup>th</sup> July 2005**

To: Regional Managers, Asset Managers, Project Engineers & Manual Holders

From: Frank McGuire, Senior Roading Engineer

**SUBJECT: Bridge Manual Second Edition 2003  
Amendment July 2005**

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### **Objective**

To issue the:

- July 2005 Amendment to the *Bridge Manual*.

### **Background**

The *Bridge Manual 2<sup>nd</sup> Edition 2003* was issued in October 2003 and was updated in June 2004, and September 2004. A provisional Amendment December 2004 has also been issued. This letter announces the Issue and Implementation of Amendment July 2005. The Amendment adds “climate change” to the factors to be considered in design.

### **Attachments**

- Attachments - Nil. But you may download a copy of the July 2005 Amendment from Transit’s website:  
Click on the link below;

[http://www.transit.govt.nz/technical\\_information/view\\_manual.jsp?content\\_type=manual&=edit&primary\\_key=38&action=edit](http://www.transit.govt.nz/technical_information/view_manual.jsp?content_type=manual&=edit&primary_key=38&action=edit)

- Scroll down to “(d) Section 1: Design Statement” and click on “download”
- Scroll down to page 1-4 and view the amendment highlighted by a vertical sideline in the LHS margin.

### **Update Your Copies of the Bridge Manual**

- Please update your copies of the *Bridge Manual* by removing the superseded
  - Page *i*, *ii*, and *v* dated September 2004 and replacing with page *i*, *ii*, and *v* dated July 2005
  - page 1-4 dated June 2004 with page 1-4 dated July 2005.

### **Copies from the Transit Website & Purchase**

The *Bridge Manual 2<sup>nd</sup> Edition 2003* including all Amendments to July 2005 are available to view and download from the Transit Website free of charge. Alternatively, hard copies of the *Bridge Manual 2<sup>nd</sup> Edition 2003* and hard copy of Amendments may be purchased on request from:

The Publications Officer  
Transit New Zealand  
PO Box 5084  
Wellington  
New Zealand

### **Comment on July 2005 Amendment**

- **Climate Change** - In future, extreme weather events may increase in frequency and intensity anywhere in New Zealand with increased mean annual precipitation in western zones compared with possible decreases for eastern zones. Climate change may also result in future increases in mean sea level. The statistics available at present are uncertain and designers should seek expert advice when assessing the significance of climate change for design at specific sites.

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#### **National Office**

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**Implementation Date**

The following should be implemented from the date of this letter with application to all new bridge design work commissioned by Transit New Zealand:

- Bridge Manual July 2005 Amendment


It is Recommended that Implementation apply in full to all bridges where the design statement has not been formally agreed by Transit.

- Should you have any questions regarding this letter please contact Frank McGuire at Transit National Office.

**Please Advise**

Please advise your Consultants of the above.

Yours sincerely



Frank McGuire  
Senior Roading Engineer (Structures)

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