

Bridge manual – 3rd edition amendment 1 summary of updates

What has changed

The following changes have been made to the *Bridge manual* since the third edition:

Section	Change
Introduction	<i>Bridge manual</i> disclaimer extended to include contractors.
2.1.6(c)	Amended to allow for different provisions for cast-in items if explicitly stated otherwise in the <i>Bridge manual</i> .
3.2.1	Acknowledges publication of research report RR 539.
3.4.18(b)(ii)	Incorporates steel nosing to the leading edges of all beams above traffic lanes rather than just the leading beam.
4.2.1(a)	Change of load combination for consideration of crack widths in concrete.
4.4.2	Reference to AS 1720.1 for strength reduction factors amended.
4.7.4(a)	Requirement for movement joints to be replaceable in a lane-by-lane fashion removed.
6.2.1 and 6.2.2	Amended for changes in determination of PGAs.
Section 7	Various amendments to include 50MAX loading, definitions for loaded lane and loaded length, revised concrete strengths and to include an alternate statistical analysis for determining the reinforcement strength of a group of bars.
A1.4	Further clarification added over the use of a traffic barrier between the road shoulder and a footpath.
A2(c)	Further clarification added for barrier system terminal end details.
Table A2	Amendments to the design widths of traffic barriers (barrier frae to deck edge).
Figure A4 notes	Typographical error corrected.
Appendix F	Extensively updated to provide more consistency across all forms of procurement and draft status removed.