

Chapter 14 Amendments – January 2006

Revision Register

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Issue/ Rev No.	Reference Section	Description of Revision	Authorised by	Date
1	-	First Issue	Steering Committee	May 2000
2	14.13.1	Modifications to the last paragraph.	Steering Committee	Sept 2000
	14.13.2	Modifications to the second paragraph.		
	14.13.3	Modifications to the first paragraph.		
	14B.1	Modifications to the first paragraph.		
	14B.2	Modifications to title of Figure 14B.1.		
	14B.3	Modifications to title of Figure 14B.2.		
3	14B.5	Addition of new section and Figure 14B.5.	Steering Committee	May 2001
	14.1.1	New section "Terminology" and new Figure 14.1.		
4	14.8.1	Addition of alternative treatments to slow vehicles.	Steering Committee	Sept 2001
	All	Redefinition of particular terms throughout the Chapter. e.g. 'Approach Curve' to 'Entry Curve', Departure Curve' to 'Exit Curve', 'Curve Prior to the Approach' to 'Approach Curve' and other minor modifications.		
	14.1.2	Pedestrians and Cyclists -Three additional paragraphs referring to needs of pedestrians and cyclists.		
	14.2.1	Traffic predictions - New paragraph warning about changes in future traffic making a site unsuitable.		
	14.2.3	New section - New statement about the signalisation of roundabouts		
	14.3.4	New Regulations - Changes to reflect replacement of Regulation 1962 with the Transport Operations (Road Use Management Road Rules) Regulation 1999.		
14.5	Speed reduction treatment - Tables 14.2 & 14.3 modified.	Steering Committee	Sept 2001	
14.5	Maximum diameter - Max. diameter of 200m defined.			

Issue/ Rev No.	Reference Section	Description of Revision	Authorised by	Date
4	14.10	Design of Reverse Approach Curves - Inclusion of additional issues.	Steering Committee	Sept 2001
	14.11	Correction to last sentence.		
	14.18	Cyclists - Extra dot point regarding daily traffic volumes; Reference to Austroads GTEP Part 14 - Bicycles.		
	New	'References' and 'Relationship to Other Chapters' added.		
5	14.1.1	Terminology - "Sight" not "site"; new definition - "Rumble Strips"; change to definition of "Safety Bars"; editing corrections; Figure 14.1 corrections.	Steering Committee	Feb 2002
	14.1.2	5th paragraph - Add "Well designed" at the start; 7th paragraph - additional sentence re exits being hazardous.		
	14.2.1	Table 14.1 expanded to give complete picture and match Austroads publication.		
	14.2.2	2nd dot point corrected.		
	14.3.1	Single lane roundabouts - Additional comment regarding three leg roundabouts.		
	14.5	Tables 14.2 and 14.3 - Diameter changed to Radius.		
	14.6	Encroachment areas - Figure 14.9 modified		
	14.7.1	2nd sentence changed; Figure 14.10 modified		
	14.8	Minor changes to paragraphs in 4.8.1.		
	14.15	Lighting: Additional sentence at end of section - central lighting.		
	14.17	Pedestrians - Additional sentence re exits in 1st paragraph.		
	Example 14B	Figure - Note added; marking corrected		
	Appendices	Figures 14B-3, 14C-8 and 14C-10 modified to show correct marking.		
6	14.5	Tables 14.2 and 14.3 modified.	Steering Committee	June 2002
	14.6.2	Tables 14.4 and 14.5 modified.		
	14.9	Second paragraph modified.		
	14.10	Modifications.		

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Issue/ Rev No.	Reference Section	Description of Revision	Authorised by	Date
7	All	All figures and tables renumbered. References in text amended to reflect the renumbering.	Steering Committee	August 2005
	Section 14.1.1	Section 14.1.1 replaced with Glossary. Definitions included for ARNDT, circulating carriageway width, eighty-fifth percentile speed, departure width, entry width, exit width, speed environment and sight distance. "Give way line" changed to "Holding line". Definition for "Entering Sight Distance" deleted. Definition for "Stopping Sight Distance" amended.		
	Section 14.1.2/ 14.1.1	Section 14.1.2 renumbered to 14.1.1.		
	Section 14.1.3/ 14.1.2	Section 14.1.3 renumbered to 14.1.2. Section retitled "Traffic capacity of roundabouts".		
	Section 14.1.3/ 14.1.2	Section 14.1.3 renumbered to 14.1.2. Section retitled "Traffic capacity of roundabouts".		
	Sections 14.1.4 to 14.1.6/ 14.1.3 to 14.1.5	Sections 14.1.4, 14.1.5 and 14.1.6 renumbered to 14.1.3, 14.1.4 and 14.1.5 respectively.		
	Section 14.2 and Table 14.1.	Dot points in Section 14.2 amended. Table 14.1 amended.		
	Section 14.3.3	New section titled "Replacing roundabouts with traffic signals" included. New section stating future signalisation of roundabouts should be considered.		
	Section 14.3.3/ 14.3.4	Section 14.3.3 renumbered to 14.3.45.		

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7	Section 14.3.4/ 14.3.5 and Figures 14.05 to 14.07	Section 14.3.4 rewritten and renumbered to 14.3.5. Old Figures 14.05 and 14.06 amended. New figure, Figure 14.07, added. New and amended figures created to emphasise problems with multi-lane roundabouts with more than four legs and/or with legs aligned such that angles between legs are significantly more or less than 90°.	Steering Committee	August 2005
	Section 14.7.1, Figure 14.10 and Figures 14.12 to 14.14	Two sentences added to end of section. Figure 14.09 amended and re-numbered to Figure 14.10. Additional examples (Figures 14.12 to 14.14) added to illustrate poor geometry at roundabouts and how the geometry can be improved to increase safety.		
	Section 14.8	First two paragraphs amended.		
	Section 14.8.1	Some text added/amended.		
	Example 14A, Section 14.8.3 and Figure 14.19	Text and figure for Old Example 14A moved forward from Example 14A into Section 14.8.3.		
	Example 14B, Section 14.10 and Figure 14.20	Text and figure for old Example 14B moved forward from Example 14B into Section 14.10.		
	Section 14.12.2	Paragraph regarding sight distance added to end of section.		
	Section 14.13	Paragraph/dot points regarding application of criterion added.		
	Section 14.13.3	Last paragraph moved to Section 14.13.		
	Section 14.16	Paragraph added regarding choice of surface wearing course for pavement.		

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7	Section 14.17	Sentence added at the start of the section. Sentence added regarding signalised intersections.	Steering Committee	August 2005
8	Sections 14.8.1 and 14.17	Cross references corrected.	Principal Engineer (Road Engineering Standards)	Jan 2006
	Appendix 14C	Equations 14-1, 14-2, 14-3, 14-7, 14-9, 14-11 and 14-12 corrected.		

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