

# Latest Chapter 13 Amendment

## Revision Register

13

Issue/ Rev No.	Reference Section	Description of Revision	Authorised by	Date
6	NA	Glossary of terms moved to the start of the chapter and additional terms added.	Steering Committee	18 Oct 2006
	Various	Inclusion of the results of Arndt (2004) – Relationship Between Unsignalised Intersection Geometry and Accident Rates.		
	Various	Greater awareness of the requirements of cyclists provided. Additional references provided to Austroads (1999b) – Bicycles.		
	13.3.1.1	More information on the design and check vehicle provided.		
	13.4.2	More generic intersection diagrams added at the start of the chapter, in lieu of the previous detailed drawings. All detailed information from the previous drawings moved into the Section on detailed geometric design.		
	13.4.2.2 & 13.7	CHR(S) and AUL(S) turn treatments introduced. Type AUR turn treatment no longer used.		
	13.4.3.5	More explanation on selecting the most appropriate form of traffic control provided.		
	13.4.4	New warrants for unsignalised intersection turn treatments developed.		
	13.5	New section 'Capacity of Intersections' added from Austroads (2005) Intersections at-Grade.		
	13.6.3 & 13.6.4.1	Approach sight distance to a 0.2m high object added for use in some instances.		
	13.6.4	Formulae for sight distance added.		
	13.6.4.6	New section 'Pedestrian Sight Distance Requirements' added from Austroads (1995) Pedestrians.		
	13.7	Numerous dimensions of the turn treatments have been modified and new diagrams produced.		

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	13.7.2	Some guidance provided on the selection of raised medians/islands over painted medians/islands.		
	13.7.2	Clearances between kerbs, medians and islands revised.		
	13.7.2	Clearances between kerbs and edge lines revised.		
	13.7.4.1	Criteria for selecting the length of deceleration lane revised.		
	13.7.4.3	New section 'Acceleration Lane Design for Trucks' added from Austroads (2005) Intersections at-Grade.		
	13.7.10.4	Diagrams of retrofitting CHR turn treatments to four way intersections provided.		
	13.9.2	New criteria for sight distances at accesses introduced.		
	13.9.4	Rural property access requirements modified.		
	13.10	Extended Design Domain (EDD) criteria for intersections moved from Chapter 4 (EDD for Sight Distance and EDD for Turn Treatments) to this chapter.		
	13.10.2	Criteria for Extended Design Domain for sight distance at domestic accesses developed.		
	Appendix G	The section 'Evaluation of Options' moved into an appendix.		