

# Road Planning and Design Manual

2nd Edition

Queensland Practice

October 2024

Volume 3 – Guide to Road Design



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## Amendment Register

Issue / Rev no.	Reference section	Description of revision	Authorised by	Date
1	All	Initial release of manual (2nd edition)	Steering committee	July 2013
2	4, 4A, 4B & 6	Updated content. Link inserted to access Supplement to <i>Austrroads Guide to Road Design</i>	Steering committee	August 2014
3	4C	Updated content. Link inserted to access Supplement to <i>Austrroads Guide to Road Design</i>	Steering committee	November 2014
4	7	Updated content. Link inserted to access Supplement to <i>Austrroads Guide to Road Design</i>	Steering committee	April 2015
5	6A	Updated content. Link inserted to access Supplement to <i>Austrroads Guide to Road Design</i>	Steering committee	June 2015
6	6B & 8	Updated content. Link inserted to access Supplement to <i>Austrroads Guide to Road Design</i>	Steering committee	December 2015
7	3	Updated content. Link inserted to access Supplement to <i>Austrroads Guide to Road Design</i>	Steering committee	March 2016
8	4B	Updated content. Link inserted to access Supplement to <i>Austrroads Guide to Road Design</i>	Steering committee	November 2017
9	3	Updated content. Link inserted to access Supplement to <i>Austrroads Guide to Road Design</i>	Steering committee	August 2018
10	1, 2 & 8	Updated content. Link inserted to access Supplement to <i>Austrroads Guide to Road Design</i>	Steering committee	November 2019
11	6A	Updated content. Link inserted to access Supplement to <i>Austrroads Guide to Road Design</i>	Steering committee	May 2020
12	6B	Updated content. Link inserted to access Supplement to <i>Austrroads Guide to Road Design</i>	Steering committee	July 2020
13	3, 4 & 4A	Updated content. Link inserted to access Supplement to <i>Austrroads Guide to Road Design</i>	Steering committee	September 2020
14	4C & 6B	Updated content. Link inserted to access Supplement to <i>Austrroads Guide to Road Design</i>	Steering committee	November 2020
15	1, 3, 4, 4A, 6A, 6B & 7	Updated content. Link inserted to access Supplement to <i>Austrroads Guide to Road Design</i> Part 2 and 8 withdrawn	Steering committee	November 2021

<b>Issue / Rev no.</b>	<b>Reference section</b>	<b>Description of revision</b>	<b>Authorised by</b>	<b>Date</b>
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17	6	Updated content. Link inserted to access Supplement to <i>Austroads Guide to Road Design</i> . New risk evaluation process.	Steering committee	October 2022
18	3, 6, 6a	Updated content. Link inserted to access Supplement to <i>Austroads Guide to Road Design</i> .	Steering committee	November 2023
19	5, 5a, 5b	NEW content. Link inserted to access Supplement to <i>Austroads Guide to Road Design</i> .	Steering committee	January 2024
20	6	Updated content. Link inserted to access Supplement to <i>Austroads Guide to Road Design</i> .	Steering committee	July 2024
21	4, 4A, 4B, 4C	Updated content. Harmonisation with <i>Austroads Guide to Road Design Part 4, 4A, 4B and 4C</i> .	Steering committee	October 2024

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## **Part 1: Objectives of Road Design**

See [Supplement to Austroads Guide to Road Design - Part 1: Objectives of Road Design](#)

**Part 2: Network Wide Design (under development)**

The content of Part 2 *Design Considerations*, Part 7 *Geotechnical Investigation and Design* and Part 8 *Process and Documentation* were incorporated into Part 1 *Objectives of Road Design* in November 2021.

### **Part 3: Geometric Design**

See [Supplement to Austroads Guide to Road Design - Part 3: Geometric Design](#)



**Part 4: Intersections and Crossings – General**

See [Supplement to Austroads Guide to Road Design – Part 4: Intersections and Crossings - General](#)

## **Part 4A: Unsignalised and Signalised Intersections**

See [Supplement to Austroads Guide to Road Design – Part 4A: Unsignalised and Signalised Intersections](#)

## **Part 4B: Roundabouts**

See [Supplement to Austroads Guide to Road Design – Part 4B: Roundabouts](#)

## **Part 4C: Interchanges**

See [Supplement to Austroads Guide to Road Design – Part 4C: Interchanges](#)

## **Part 5: Drainage – General and Hydrology Considerations**

See [Supplement to Austroads Guide to Road Design – Part 5: General and Hydrology Considerations](#).

**Part 5A: Drainage – Road Surface, Networks, Basins and Subsurface**

See [Supplement to Austroads Guide to Road Design – Part 5A: Drainage – Road Surface, Networks, Basins and Subsurface](#).

**Part 5B: Drainage – Open Channels, Culverts and Floodway Crossings**

See [Supplement to Austroads Guide to Road Design – Part 5: Drainage – Open Channels, Culverts and Floodway Crossings](#).

**Part 6: Roadside Design, Safety and Barriers**

See [Supplement to Austroads Guide to Road Design – Part 6: Roadside Design, Safety and Barriers](#)



## **Part 6A: Paths for Walking and Cycling**

See [Supplement to Austroads Guide to Road Design – Part 6A: Paths for Walking and Cycling](#)

**Part 6B: Roadside Environment**

See [Supplement to Austroads Guide to Road Design – Part 6B: Roadside Environment](#)

## **Part 7: New and Emerging Treatments**

See [Supplement to Austroads Guide to Road Design – Part 7: New and Emerging Treatments](#)

