



TS 05392:1.0

RTA/PUB 12.079

Supplement to Australian Standard

Supplement to AS 2890 Parking Facilities

Issue date: 02 March 2016

Effective date: 02 March 2026

Disclaimer

This document has been prepared by Transport for NSW (TfNSW) specifically for its own use and is also available for use by NSW public transport agencies for transport assets.

Any third parties considering use of this document should obtain their own independent professional advice about the appropriateness of using this document and the accuracy of its contents. TfNSW disclaims all responsibility and liability arising whether directly or indirectly out of or in connection with the contents or use of this document.

TfNSW makes no warranty or representation in relation to the accuracy, currency or adequacy of this document or that the document is fit for purpose.

The inclusion of any third party material in this document, does not represent an endorsement by TfNSW of any third party product or service.

For queries regarding this document, please email Transport for NSW Asset Management Branch at standards@transport.nsw.gov.au or visit www.transport.nsw.gov.au

Document information

Owner: Director Corridor Infrastructure and Engineering
Prioritisation and Asset Management
Planning, Integration and Passenger

Mode: Road, Active

Discipline: Traffic

Document history

Revision	Effective date	Summary of changes
1.0	Jan 2011	Original Issue
1.1	Mar 2012	General – name change. Roads and Maritime Services (RMS) formally Roads and Traffic Authority (RTA).
2.0	July 2013	Updated link to latest version of Pay Parking
1.0	March 2026	First published as TS 05392 <i>Supplement to AS 2890 Parking Facilities</i> . Changes from previous version include; updated supplement template to current TfNSW format and style; name changed from to Transport for NSW (TfNSW), formerly Roads and Maritime Services (RMS); updated supplement to reflect latest version of AS 2890; updated references to related documents.

Preface

Standards Australia has released a series of standards on parking facilities.

All road agencies across Australia have agreed to adopt the Austroads Guides to ensure a level of consistency and harmonisation across all jurisdictions. The agreement means that the Austroads Guides and the Australian standards which are referenced in them (including AS 2890 series) become technical references for use within Transport for NSW (“Transport”).

This document is issued as a supplement to the Australian standards on parking facilities to provide additional information and variations, where TfNSW has departed from the requirements in the Australian standards.

Table of contents

1	Scope	6
2	Application	6
3	Referenced documents	6
4	Terms, definitions and abbreviations	8
5	Overview of interrelated standards	8
5.1	Technical documents with requirements	8
6	Supplements to the Australian standards related to parking facilities	9
6.1	All parts of the Australian standards related to parking facilities	9
6.2	AS/NZS 2890.1:2004.....	10
6.3	AS 2890.2:2018	10
6.4	AS 2890.3:2015	10
6.5	AS 2890.5:2020	11
6.6	AS 2890.6:2022	11

1 Scope

This supplement has been issued to clarify, add to, or modify the Australian standards related to parking facilities.

TfNSW implements the principles in the Australian standards related to parking facilities with variations documented in this supplement under the following categories:

- departures (legislative) – TfNSW practices that depart from Australian standards related to parking facilities due to NSW legislative requirements
- departures (TfNSW process) – TfNSW practices that depart from Australian standards related to parking facilities due to TfNSW processes
- additional information – technical information and practices set out in TfNSW standards or other reference material which enhance or complement Australian standards related to parking facilities.

The variations listed in this supplement prevail as the accepted standard for the TfNSW road network.

For other associated supplements see Section 5. Where Austroads Guides or Australian standards are referenced in this Supplement or in Australian standards related to parking facilities, please also refer to their respective TfNSW supplement, where available.

2 Application

The Australian standards related to parking facilities and this supplement specify design criteria and recommended values for the development of parking facilities in NSW.

Designing parking facilities is a complex task that requires sound experience and judgement. A design based primarily on meeting the dimensional design criteria may not necessarily balance the various aspects of parking performances that require improvement.

When it is not reasonably practicable to meet the requirements in the Australian standards related to parking facilities and this supplement, the TfNSW concessions process in TS 00003.1 applies.

3 Referenced documents

The following documents are cited in the text. For dated references, only the cited edition applies. For undated references, the latest edition of the referenced document applies.

Australian standards

AS 2890.2:2018 *Parking facilities – Part 2: Off-street commercial vehicle facilities*

AS 2890.3:2015 *Parking facilities – Part 3: Bicycle parking*

AS 2890.5:2020 *Parking facilities – Part 5: On-street parking*

AS 2890.6:2022 *Parking facilities – Part 6: Off-street parking for people with disabilities*

AS/NZS 2890.1:2004 *Parking facilities – Part 1: Off-street car parking*

Transport for NSW standards

TS 00003.1 *Concessions to Transport Standards – Part 1 – Concession Process*

TS 00085 *Guide to Transport Impact Assessment*

TS 00106 *Electric Vehicle Charging Stations – Signposting and Pavement Marking*

TS 02642 *Supplement to Austroads Guide to Road Design*

TS 04943 *Bicycle Parking at Stations, Mass Transit Stops and Ferry Wharves*

TS 05384 *Supplement to AS 1742 Manual of Uniform Traffic Control Devices*

TS 05393 (RMS.19.1351) *Supplement to AS 1743:2023 Road signs – Specifications*

TS 05394 (series) *Austroads Supplement for Guide to Traffic Management*

TS 05435 (TDT 2013/07) *Bus layover parking*

TS 05444 (TTD 2018/001) *Guidelines for on-street fixed space car share parking*

TS 05462 *Delineation and Pavement Marking*

TS 05462.12 (RTA / PUB 08.091) *Pavement markings for bicycle facilities*

TS 05491 (RTA PUB 03.118) *Restricted Parking Areas*

Legislation

Road Rules 2014 (NSW)

Road Transport Act 2013 (NSW)

Road Transport (General) Regulation 2021 (NSW)

Other referenced documents

Austroads, *Guide to Road Design Part 3: Geometric Design*

Austroads, *Guide to Traffic Management Part 11: Parking Management Techniques*

TfNSW, July 2024, *Permit Parking Guidelines*

TfNSW, November 2021, *Pay parking and controlled loading zone guidelines*

TfNSW, *Schedule of Classified Roads and Unclassified Regional Roads*

TfNSW, *Traffic Signs register*

Note: The *Traffic Signs register* is on the TfNSW website.

4 Terms, definitions and abbreviations

The following terms, definitions and abbreviations apply in this document:

TfNSW Transport for NSW

TfNSW road network those roads listed in the *Schedule of Classified Roads and Unclassified Regional Roads*

the Australian standards related to parking facilities the group of the following Australian standards:

- AS/NZS 2890.1:2004 *Parking facilities – Part 1: Off-street car parking*
- AS 2890.2:2018 *Parking facilities – Part 2: Off-street commercial vehicle facilities*
- AS 2890.3:2015 *Parking facilities – Part 3: Bicycle parking*
- AS 2890.5:2020 *Parking facilities – Part 5: On-street parking*
- AS 2890.6:2022 *Parking facilities – Part 6: Off-street parking for people with disabilities*

5 Overview of interrelated standards

TfNSW standards provide technical guidance and requirements for the design, implementation and operation of traffic control devices and treatments for the TfNSW road network.

5.1 Technical documents with requirements

The TfNSW material in Sections 5.1.1 to 5.1.4 complements the Australian standards related to parking facilities and this supplement. These documents shall be read in conjunction with the Australian standards related to parking facilities and this supplement. This list is not exhaustive.

5.1.1 TfNSW supplements to other Australian standards

Australian standards provide specifications and procedures that aim to ensure that products and services are safe and reliable, and consistently perform the way they are intended.

In addition to this supplement to the Australian standards related to parking facilities, TfNSW has published TS 05384 and TS 05393 which contain requirements and additional guidelines.

5.1.2 TfNSW supplements to Austroads Guides

TfNSW has adopted Austroads Guides as part of TfNSW traffic management standards which provide guidance on road design, construction, maintenance and operation. TfNSW has published TS 02642 and the TS 05394 series to supplement Austroads Guides.

5.1.3 TfNSW signage

The *Traffic Signs* register provides a comprehensive, online list of standard signs used for regulation, warning, information and guidance for the road network in NSW.

5.1.4 Delineation and pavement marking

TfNSW has published TS 05462 and the TS 05462.12 which specifies requirements for pavement marking and delineation devices and their application at mid-block intersections and a range of other specific situations.

6 Supplements to the Australian standards related to parking facilities

6.1 All parts of the Australian standards related to parking facilities

Table 1 provides a general list of TfNSW supplements applicable to all parts of the Australian standards related to parking facilities.

Table 1 – Supplements to the Australian standards related to parking facilities

Reference section	Category	Supplements to the Australian standards related to parking facilities
All parts	Additional information	Complementary material for parking is provided in the following: <ul style="list-style-type: none"> • TS 00085 • TS 00106 • TS 04943 • TS 05435 • TS 05444 • TS 05462 • TS 05491 • Guide to Traffic Management Part 11: Parking Management Techniques • Pay parking and controlled loading zone guidelines • Permit Parking Guidelines • Road Rules 2014 • Road Transport Act 2013 • Road Transport (General) Regulation 2021
All parts	Departure (TfNSW process)	The <i>Traffic Signs</i> register contains all approved signage for use within the road network in NSW. The <i>Traffic Signs</i> register shall prevail where inconsistencies occur with signs identified in the Australian standards related to parking facilities.

6.2 AS/NZS 2890.1:2004

Table 2 provides a list of all applicable TfNSW supplements to AS/NZS 2890.1:2004.

Table 2 – Supplements to AS/NZS 2890.1:2004

Reference section	Category	Supplements to AS/NZS 2890.1:2004
General (applicable to all sections)	Additional information	TfNSW complementary material for off-street parking is in the following: <ul style="list-style-type: none"> • TS 00085 • TS 00106.

6.3 AS 2890.2:2018

Table 3 provides a list of all applicable TfNSW supplements to AS 2890.2:2018.

Table 3 – Supplements to AS 2890.2:2018

Reference section	Category	Supplements to AS 2890.2:2018
General (applicable to all sections)	Additional information	TfNSW complementary material for off-street commercial vehicle parking is in the following: <ul style="list-style-type: none"> • TS 00085 • TS 05435.

6.4 AS 2890.3:2015

Table 4 provides a list of all applicable TfNSW supplements to AS 2890.3:2015.

Table 4 – Supplements to AS 2890.3:2015

Reference section	Category	Supplements to AS 2890.3:2015
General (applicable to all sections)	Additional information	TfNSW complementary material for bicycle parking is in the following: <ul style="list-style-type: none"> • TS 00085 • TS 05462.12 • TS 04943.

6.5 AS 2890.5:2020

Table 5 provides a list of all applicable TfNSW supplements to AS 2890.5:2020.

Table 5 – Supplements to AS 2890.5:2020

Reference section	Category	Supplements to AS 2890.5:2020
General (applicable to all sections)	Additional information	TfNSW complementary material for on-street parking is provided within the following primary reference documents: <ul style="list-style-type: none"> • TS 05444.
General (applicable to all sections)	Departure (legislative)	TfNSW does not use No Stopping (R5-35) sign. Rather the No Stopping R5-400n series signs are the Transport approved signs. Refer to the <i>Traffic Signs</i> register for TfNSW practice.
3.2 Parallel parking	Additional information	For information on bicycle or car parking lanes, refer to <i>Guide to Road Design Part 3: Geometric Design</i> .
Table 3.1 – Width of parallel parking spaces for cars and light commercial vehicles	Departure (TfNSW process)	The recommended safety buffer for 50 km/h is 0.5 m.
3.3 Angle parking	Additional information	For information on bicycle/car parking lanes, refer to <i>Guide to Road Design Part 3: Geometric Design</i> .

6.6 AS 2890.6:2022

There is no supplemented material. The part is accepted in its entirety.