



Parking facilities

Part 5: On-street parking



AS 2890.5:2020

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- Association of Consultants in Access Australia
- Australian Automobile Association
- Australian Building Codes Board
- Australian Local Government Association
- Australian Motorcycle Council
- Department of Transport and Main Roads (Qld)
- Engineers Australia
- Institute of Public Works Engineering Australasia
- National Heavy Vehicle Regulator
- Parking Australia

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Preface

This Standard was prepared by Standards Australia Committee CE-001, Parking Facilities, to supersede AS 2890.5—1993.

The objective of this Standard is to set out minimum requirements and recommendations for the provision of on-street parking.

The major changes in this edition are as follows:

- (a) Replacement of the angle parking figures with a series of simplified tables, supported by more detailed information in [Appendix A](#).
- (b) Inclusion of references to bicycles.
- (c) Clarification and expansion of criteria relating to traffic speeds and volumes, noting in particular the introduction of the 50 km/h general urban speed limit.
- (d) Removal of the safety buffer for angle parking in low speed and low volume streets.
- (e) Recommendations against on-street parking in some higher speed and higher volume environments.
- (f) More detailed advice on parking for other user groups such as motorcycles, larger vehicles and accessible parking.
- (g) Recommendations on the quantity of accessible parking.
- (h) Updated figures to reflect these changes.

All parts in the AS(/NZS) 2890 series can be found in the Standards Australia online catalogue.

The terms “normative” and “informative” are used in Standards to define the application of the appendices to which they apply. A “normative” appendix is an integral part of a Standard, whereas an “informative” appendix is only for information and guidance.

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Introduction

The provision of on-street parking is an integral part of urban transportation planning. In conjunction with off-street parking facilities, it seeks to cover all parking needs, especially in commercial and business districts. Parking authorities need to develop policies for both on-street and off-street parking. A typical policy for high activity business districts would have most of the parking demand met by providing off-street parking, ensuring adequate short-term parking is available for shoppers and visitors, minimizing long-term parking through pricing and other controls and severely restricting parking on arterial and sub-arterial roads.

Conformance with an Australian Standard does not of itself confer immunity from legal obligations.

Although it provides minimum requirements, this Standard cannot be taken as a textbook for the design of on-street parking. The services of a competent person experienced in designing parking facilities should be sought in the application of this document.

Australian Standard®

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Section 1 Scope and general

1.1 Scope

This Standard sets out requirements for the location, arrangement and dimensions of on-street parking facilities. It includes provisions for special classes of vehicles and for people with disabilities, together with guidelines for the control of parking.

It normally applies to parking on public roads that provide for through traffic as well as traffic seeking access to immediately adjacent development. However, in large off-street car parking areas, high volume circulating roadways on which there is some parking may need to be treated in accordance with this Standard.

On-street parking for buses is excluded from the scope of this Standard.

1.2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document.

NOTE Documents referenced for informative purposes are listed in the Bibliography.

AS 1428.1, *Design for access and mobility, Part 1: General requirements for access — New building work*

AS 1742.11, *Manual of uniform traffic control devices, Part 11: Parking controls*

AS 2890.1, *Parking facilities, Part 1: Off-street car parking*

AS/NZS 1158, *Lighting for roads and public spaces (series)*

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

AS/NZS 2890.6, *Parking facilities, Part 6: Off-street parking for people with disabilities*

Austroroads Guide to Traffic Management

Austroroads Guide to Road Design

1.3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

1.3.1

buses

large vehicle for the purposes of transporting people and that has seating for more than 12 persons, including the driver

1.3.2

cars and light commercial vehicles

vehicles that meet the length and width requirements of the B99 classification defined in AS/NZS 2890.1

1.3.3

competent person

person who has acquired, through education, training, qualification or experience or a combination of these, the knowledge and skill enabling that person to perform the task required