

Australian Standard™

**Road and traffic engineering—
Glossary of terms**



Standards Australia

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PREFACE

This Standard was prepared by Standards Australia Committees CE-004, Transport Planning and Operation, and CE-010, Terms Used in Road Engineering, to supersede the suite of Standards AS 1348, *Road and traffic engineering—Glossary of terms* (Part 1: *Road design and construction*, Part 2: *Traffic management*, Part 3: *Transport operation*, and Part 4: *Transport planning*).

The objective of this Standard is to provide an alphabetical list of terms used in road and traffic engineering.

Terms associated with road engineering are illustrated in Appendix A.

The meaning of the terms in this Standard are specific to Road and Traffic Engineering. Other meanings in common usage can apply.

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STANDARDS AUSTRALIA

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Road and traffic engineering—
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| Term | Definition |
|---|--|
| A | |
| train | A combination comprising a prime mover, a semitrailer, and a trailer (other than a semitrailer). |
| AADT | <i>See</i> annual average daily traffic |
| abrasion attrition | The wearing away of a solid surface by mechanical action. |
| abrasion test | A test of the resistance to abrasion offered by a material under specified conditions. (<i>See also</i> Los Angeles (abrasion) value) |
| abrasive blast cleaning | A method of cleaning or etching a surface by means of a hard granular material directed from a nozzle at high velocity. |
| absorption | The entry of fluid into a solid by virtue of the porosity of the latter. |
| absorption (bituminous binder) | The penetration of binder into an aggregate or base. |
| absorption capacity (traffic engineering) | The maximum rate at which a traffic stream can absorb additional vehicles. |
| abutment | An end support of a bridge or similar structure. |
| accelerated loading facility (ALF) | A mobile loading frame that can apply power-driven rolling wheel loads to sections of pavement in a manner that simulates the characteristics of traffic, which is used to study the response of the pavement to this loading. |
| acceleration lane | A speed-change lane used for increasing speed. |
| accelerator | A chemical additive that increases the rate of attainment of strength of a Portland cement concrete mix. |
| access | The driveway by which vehicles and/or pedestrians enter and/or leave property adjacent to a road. |
| access control | <ol style="list-style-type: none"> 1 To prevent vehicles and people crossing property lines by means of barriers or regulations. 2 Arranging matters so that vehicles and people have access at predetermined locations. |
| access time | <i>See</i> travel time |
| access way | A private road or local street serving very low traffic volumes, whose design need not be dominated by traffic considerations. (<i>See also</i> driveway) |