

Chapter 7 Transport

7.1 Introduction

This introduction is to assist the lay reader to understand how this chapter works and what it applies to. It is not an aid to interpretation in a legal sense.

This chapter relates to transport requirements for all activities that occur throughout the District and to activities within the Transport Zone. Objectives, policies, rules, standards and assessment criteria relating to transport are provided that are not zone specific, as well specific provisions for the Transport Zone. This approach is informed by national and regional planning documents, but in particular the Canterbury Regional Policy Statement.

Functioning transport networks and transport modes are essential facilities and services that assist meet the needs of people and communities and promote the efficient functioning of the District. The land transport network therefore forms an important component of the physical resources of the District.

In the life of the plan new [roads](#) will be vested and some [roads](#) will be stopped. The plan provides that when new [roads](#) are vested they become part of the Transport Zone and are subject to all the provisions of that zone. Where [roads](#) are stopped they become part of the [adjoining](#) zone as shown on the ~~planning~~ [Planning maps](#) ~~Maps~~. Where there are different zones on each side of the [road](#) those zones shall apply to the area of stopped [road](#) on the basis that the zone boundaries shall be the centre line of the [road](#).

The provisions in this chapter give effect to the Chapter 3 Strategic Directions objectives.

7.2 Objectives and policies ~~{Drafting clarity and consistency may be considered further by the Panel}~~

7.2.1 Objective — Integrated transport system for Christchurch District

- a. An integrated [transport system](#) for [Christchurch District](#):
 - i. that is safe and efficient for all transport modes;
 - ii. that is responsive to the current recovery needs, future needs, and enables economic development, in particular an [accessible Central City](#) able to accommodate projected population growth;
 - iii. that supports safe, healthy and liveable communities by maximising integration with land use;
 - iv. that reduces dependency on private motor vehicles and promotes the use of public and [active transport](#);
 - v. managed using the one network approach.

7.2.1.1 Policy – Establishment of a road classification system

- a. Identify a [road](#) network that connects people and places and recognises different access and movement functions for all people and transport modes, whilst:
 - i. supporting the safe and efficient operation of the transport network;
 - ii. providing for public places in accordance with the function of the [road](#) to enable [community activities](#) including opportunities for people to interact and spend time,
 - iii. providing space for [utility](#) services;
 - iv. reflecting neighbourhood identity and [amenity values](#);
 - v. recognising cross-boundary connections with [adjoining](#) districts, and
 - vi. providing for the efficient and effective functioning of the [strategic transport network](#), including for freight.
- b. Recognise the [Central City](#) in the [road](#) classification system by establishing a people-focused and slow vehicle inner zone which provides safe and effective access and movement for all forms of transport.

Note:

1. Refer to Appendix 7.12 for a description of the [road](#) classification system.

Policy 7.2.1.1 also achieves Objective 7.2.2.

7.2.1.2 Policy – High trip generating activities

- a. Manage the adverse effects of high trip generating activities, except for permitted activities within the [Central City](#), on the [transport system](#) by assessing their location and design with regard to the extent that they:
 - i. are permitted¹ by the zone in which they are located;
 - ii. are located in urban areas and generate additional [vehicle trips](#) beyond what is already established or consented;
 - iii. are [accessible](#) by a range of transport modes and encourage public and [active transport](#) use;
 - iv. do not compromise the safe, efficient and effective use of the [transport system](#);
 - v. provide patterns of development that optimise use of the existing [transport system](#);
 - vi. maximise positive transport effects;
 - vii. avoid significant adverse transport effects of activities where they are not permitted by the zone in which they are located; and

¹ Refers to the activity being listed as a permitted activity in the activity status table for the zone in which it is located.

- viii. mitigate other adverse transport effects, such as effects on communities, and the [amenity values](#) of the surrounding environment, including through [travel demand management](#) measures;
- ix. provide for the transport needs of people whose mobility is restricted; and
- x. integrate and coordinate with the [transport system](#), including proposed [transport infrastructure](#) and service improvements.

Policy 7.2.1.2 also achieves Objective 7.2.2.

7.2.1.3 Policy – Vehicle access and manoeuvring

- a. Provide [vehicle access](#) and manoeuvring, including for [emergency](#) service vehicles, compatible with the [road](#) classification, which ensures safety, and the efficiency of the [transport system](#).

Policy 7.2.1.3 also achieves Objective 7.2.2.

7.2.1.4 Policy – Requirements for car parking and loading

Outside the [Central City](#)

- a. Require car [parking spaces](#) and [loading spaces](#) which provide for the expected needs of an activity in a way that manages adverse effects.
- b. Enable a reduction in the number of car [parking spaces](#) required in circumstances where it can be demonstrated that:
 - i. the function of the surrounding transport network and amenity of the surrounding environment will not be adversely affected; and/or
 - ii. there is good [accessibility](#) by active and public transport and the activity is designed to encourage public and [active transport](#) use; and /or
 - iii. the extent of the reduction is appropriate to the characteristics of the activity and its location; and/or
 - iv. the extent of the reduction will maintain on-site parking to meet anticipated demand.

Within the [Central City](#):

- c. Enable activities to provide car [parking spaces](#) and [loading spaces](#), whilst minimising any adverse effects on the efficiency and safety of the transportation networks, including public transport, to the extent practicable.
- d. Manage the development of commercial car [parking buildings](#) and [sites-parking lots](#) within the [Central City](#) so that they:
 - i. support the recovery of the [Central City](#);
 - ii. are easily [accessible](#) for businesses within the [Central City](#);
 - iii. minimise any adverse effects on the efficiency and safety of the transportation networks of all users, to the extent practicable;

- iv. protect the amenity values of the Central City;
 - v. reduce the need for activities to provide their own on-site parking;
 - vi. do not significantly adversely affect the demand for public transport to, from or within the Central City.
- e. Allow for temporarily vacant sites to be used for car parking areas within the Central City until 30 April 2018.

Policy 7.2.1.4 also achieves Objective 7.2.2.

7.2.1.5 Policy – Design of car parking areas and loading areas

- a. Require that car parking areas and loading areas are designed to:
 - i. operate safely and efficiently for all transport modes and users;
 - ii. function and be formed in a way that is compatible with the character and amenity values of the surrounding environment; and
 - iii. be accessible for people whose mobility is restricted.

Policy 7.2.1.5 also achieves Objective 7.2.2.

7.2.1.6 Policy – Promote public transport and active transport

- a. Promote public and active transport, by:
 - i. ensuring new, and upgrades to existing, road corridors provide sufficient space and facilities to promote safe walking, cycling and public transport, in accordance with the road classification where they contribute to the delivery of an integrated transport system;
 - ii. ensuring activities provide an adequate amount of safe, secure, and convenient cycle parking and, outside the Central City, associated end of trip facilities;
 - iii. encouraging the use of travel demand management options that help facilitate the use of public transport, cycling, walking and options to minimise the need to travel; and
 - iv. requiring new dDistrict eCentres to provide opportunities for a public transport interchange.
 - v. encouraging the formation of new Central City lanes and upgrading of existing lanes in the Central City, where appropriate, to provide for walking and cycling linkages and public spaces.
 - vi. developing a core pedestrian area within the Central City which is compact, convenient and safe, with a wider comprehensive network of pedestrians and cycle linkages that are appropriately sized, direct, legible, prioritized, safe, have high amenity, ensure access for the mobility impaired and are free from encroachment.

Policy 7.2.1.6 also achieves Objective 7.2.2.

7.2.1.7 Policy – Rail level crossings

- a. Improve or maintain safety at [road/rail level crossings](#) by:
 - i. requiring safe visibility at uncontrolled [level crossings](#);
 - ii. managing [vehicle accesses](#) close to [level crossings](#); and
 - iii. managing the creation of new [level crossings](#).

Policy 7.2.1.7 also achieves Objective 7.2.2.

7.2.1.8 Policy – Effects from transport infrastructure

- a. Avoid or mitigate adverse effects and promote positive effects from new [transport infrastructure](#) and changes to existing [transport infrastructure](#) on the environment, including:
 - i. air and water quality;
 - ii. connectivity of communities
 - iii. noise, vibration and glare;
 - iv. amenity and effects on the built environment;
 - v. well-being and safety of users

Policy 7.2.1.8 also achieves Objective 7.2.2.

7.2.2 Objective – Adverse effects from the transport system

- a. Enable [Christchurch District](#)'s [transport system](#) to provide for the transportation needs of people and freight whilst managing adverse effects from the [transport system](#).

7.2.2.2 Policy – Effects from the strategic transport network

- a. To manage any adverse effects from the ongoing use, repair, and development of the [strategic transport network](#), whilst recognising the national and regional scale and economic importance of this network, and the role of the [strategic transport network](#) in the recovery of Christchurch.

7.2.2.3 Policy – Activities within the Transport Zone

- a. Enable activities for transport purposes and [ancillary](#) activities within the Transport Zone that seek to provide, maintain or improve:
 - i. the safety, [amenity values](#), efficiency and functionality of the Transport Zone, in particular the [strategic transport network](#); and
 - ii. structures, facilities, services and installations of the transport network.

- b. Enable non-transport related activities which contribute to public [amenity values](#) and/or provide a public place for [community activities](#), including opportunities for people to interact and spend time whilst not having an adverse effect on:
 - i. the safety, amenity, efficiency and functionality of the transport function of the Zone; and
 - ii. the potential for the full width of the Transport Zone to be utilised for transport use in the future.
- c. Outside the [Central City](#), where land in the Transport Zone is not immediately required for transport purposes, enable non-transport related activities that:
 - i. will not give rise to [reverse sensitivity](#) effects that would undermine transport activities in the zone;
 - ii. do not prevent land designated for transport purposes reverting to a transport use when required;
 - iii. do not undermine the future transport use of the land designated for transport purposes; and
 - iv. are consistent with the activities provided for in the [adjoining](#) zones.
- d. Ensure the development of the Central City South Frame Pedestrian Precinct as shown on the Planning Maps provides, in particular, for safe and convenient pedestrian and cycle access through the South Frame.

7.2.2.4 Policy – Effect on adjacent land uses to the Transport Zone

- a. Manage the adverse effect(s) of an activity within the Transport Zone so that the effects of the activity are consistent with the [amenity values](#) and activity of adjacent land uses, whilst providing for the transport network, in particular the [strategic transport network](#) to function efficiently and safely.
- b. To ensure adjacent land uses are designed, located and maintained in such a way as to avoid [reverse sensitivity](#) effects on the [strategic transport network](#).

Note:

- 1. Policies 7.2.1.1 - 7.2.1.8 also apply to Objective 7.2.2
- 2. Policies 7.2.2.2 - 7.2.2.3 also apply to Objective 7.2.1
- 3. For more details on the [Council](#)'s vision, expectation and plans for transport, during the recovery period and longer term, please refer to the 'Christchurch Transport Strategic Plan'.

7.3 How to interpret and apply the rules

- a. The transport rules that apply to activities in all zones, outside the Specific Purpose (Lyttelton Port) Zone, are contained in:
 - i. The activity status tables (including activity specific standards) in Rule 7.4.1 - Transport; and
 - ii. Rule 7.4.2 - Standards - Transport.
- b. Activities, outside the Transport Zone, covered by the rules in this chapter are also subject to the rules in the relevant zone chapters.
- c. The activity status table and standards in the following chapters also apply:
 - 5 Natural Hazards;
 - 6 General Rules and Procedures;
 - 8 Subdivision, Development and Earthworks;
 - 9 Natural and Cultural Heritage;
 - 11 Utilities and Energy; and
 - 12 Hazardous Substances and Contaminated Land.

~~Where the word 'facility' is used in the rules (e.g. spiritual facility), it shall also include the use of the site/building for the activity that the facility provides for, unless expressly stated otherwise.~~

~~Similarly, where the word/phrase defined includes the word 'activity' or 'activities', the definition includes the land and/or buildings for that activity unless expressly stated otherwise in the activity status table.~~

7.4 Rules – Transport

7.4.0 Deeming provisions for Transport Zone

- a. Any land vested in the [Council](#), or the Crown, as [road](#) pursuant to any enactment or provision in this [District Plan](#), from the date of vesting shall be deemed to be Transport Zone and be subject to all the provisions for that zone.
- b. If a [road](#) within the Transport Zone has been lawfully stopped under any enactment, and any relevant designation removed, then the land shall no longer be subject to the provisions for the Transport Zone but will instead be deemed to be included in the same zone as that of the land that adjoins it (as shown on the Planning Maps) and subject to all the provisions for that zone from the date of the stopping and removal of any relevant designation.
- c. Where the zoning of the land that adjoins one side of the [road](#) being stopped is different to that of the land that adjoins the other side of that [road](#), then the [road](#) shall be deemed to be included in both zones (as shown on the Planning Maps) on the basis that the zone boundaries shall be deemed as the centre line of the [road](#).

7.4.1 Activity status tables – Transport (All zones outside the Specific Purpose (Lyttelton Port) Zone)

7.4.1.1 Permitted activities

- a. The activities listed below are permitted activities if they meet ~~any~~ [the](#) activity specific standards set out in this table and the standards in Rule 7.4.2.
- b. Activities may also be controlled, restricted discretionary, discretionary or non-complying as specified in Rules 7.4.1.2 - 7.4.1.5 below.

| | Activity | Activity specific standards |
|----|--|-----------------------------|
| P1 | Any activity that meets Rule 7.4.2.1 Minimum number and dimensions of car parking spaces required. | Nil |
| P2 | Any activity that meets Rule 7.4.2.2 Minimum number of cycle parking facilities required. | |
| P3 | Any activity that meets Rule 7.4.2.3 Minimum number of loading spaces required. | |
| P4 | Any activity that meets Rule 7.4.2.4 Manoeuvring for parking areas and loading areas. | |
| P5 | Any activity that meets Rule 7.4.2.5 Gradient of parking areas and loading areas. | |

| | Activity | Activity specific standards | | | | | | | | | |
|---|---|--|---|--|--|---------------------|-----------|----------|--------------|-----------|-----------|
| P6 | Any activity that meets Rule 7.4.2.6 Design of parking <u>areas</u> and loading areas. | | | | | | | | | | |
| P7 | Any activity that meets Rule 7.4.2.7 Access design. | | | | | | | | | | |
| P8 | Any activity that meets Rule 7.4.2.8 Vehicle crossings. | | | | | | | | | | |
| P9 | Any activity that meets Rule 7.4.2.9 Location of buildings and access in relation to road/rail level crossings. | | | | | | | | | | |
| P10 | Any activity that does not require resource consent in accordance with Rule 7.4.2.10 - High trip generators. | | | | | | | | | | |
| P11 | Only until 30 April 2018, in the Rural Quarry Zone, <u>heavy vehicle trips</u> for any <u>quarrying activity</u> that do not exceed the average daily <u>heavy vehicle trip</u> generation that existed for the 12 month period prior to 27 August 2014. Note: P11 is a temporary measure to allow existing activities in the Rural Quarry Zone to continue while they seek the necessary consents required by this chapter. The average daily heavy trip generation relates to, and shall be calculated for, each calendar month. | | | | | | | | | | |
| P12 | The operation or maintenance of <u>transport infrastructure</u> (including <u>ancillary offices activities</u> and car <u>parking areas</u>) and <u>freight handling activities</u> in the Transport Zone. | | | | | | | | | | |
| P13 | New <u>transport infrastructure</u> and additions to existing <u>transport infrastructure</u> in the Transport Zone (excluding activities or structures listed in Rule 7.4.1.1 P15) and new <u>freight handling activities</u> . | <div>a. The maximum <u>height</u> for any <u>building</u> (excluding street lighting, poles, traffic signals, safety cameras and fences) shall be as follows:</div> <table><tr><td>Distance of the closest point of the <u>building</u> from the boundary of a Residential, Commercial (excluding Commercial Retail Park), Specific Purpose Hospital Zone or Open Space Community Park Zone:</td><td>Maximum <u>height</u> - within a <u>road reserve</u>:</td><td>Maximum <u>height</u> - not within a <u>road reserve</u>:#:</td></tr><tr><td>Less than 15 metres</td><td>5 metres*</td><td>8 metres</td></tr><tr><td>15-50 metres</td><td>5 metres*</td><td>10 metres</td></tr></table> | Distance of the closest point of the <u>building</u> from the boundary of a Residential, Commercial (excluding Commercial Retail Park), Specific Purpose Hospital Zone or Open Space Community Park Zone: | Maximum <u>height</u> - within a <u>road reserve</u> : | Maximum <u>height</u> - not within a <u>road reserve</u> :#: | Less than 15 metres | 5 metres* | 8 metres | 15-50 metres | 5 metres* | 10 metres |
| Distance of the closest point of the <u>building</u> from the boundary of a Residential, Commercial (excluding Commercial Retail Park), Specific Purpose Hospital Zone or Open Space Community Park Zone: | Maximum <u>height</u> - within a <u>road reserve</u> : | Maximum <u>height</u> - not within a <u>road reserve</u> :#: | | | | | | | | | |
| Less than 15 metres | 5 metres* | 8 metres | | | | | | | | | |
| 15-50 metres | 5 metres* | 10 metres | | | | | | | | | |

| | Activity | Activity specific standards | | |
|-----|--|--|-----------|-----------|
| | | More than 50 metres | 10 metres | 15 metres |
| | | <p>b. The maximum <u>gross floor area</u> of <u>buildings</u> in the locations marked * shall be 5 m²</p> <p>c. Any <u>building</u> not within <u>road reserve</u> # that is located on a <u>site</u> which has a <u>boundary</u> with a residential zone, shall have minimum <u>setback</u> of 1.8 metres from that <u>boundary</u>; and shall not project beyond a <u>building</u> envelope constructed by the recession planes which apply in the adjacent residential zone.</p> <p>d. The maximum <u>height</u> for any <u>buildings</u> in the South Frame- Pedestrian Precinct shown on the Planning Maps shall be 3 metres.</p> <p>Notes:</p> <ol style="list-style-type: none"> Provisions for <u>signs</u> and <u>temporary activities and buildings</u> can be found in Chapter 6. <u>Road</u> design standards (including <u>road</u> widths) for new <u>roads</u> are contained in Chapter 8. <u>Road</u> design standards (including <u>road</u> widths) for existing <u>roads</u> are controlled by the <u>Council</u>'s Infrastructure Design Standards. | | |
| P14 | <u>Public transport facilities</u> (including any <u>office</u> or <u>retail activity ancillary</u> to a <u>public transport facility</u>), <u>public amenities</u> and <u>landscaping</u> in the Transport Zone. | <p>a. <u>Buildings</u> located in <u>road reserve</u> where the closest point of the facility is within 50m of the boundary of a Residential, Commercial (excluding Commercial Retail Park), Specific Purpose Hospital Zone or Open Space Community Park Zone shall be less than 5m in <u>height</u>.</p> <p>b. <u>Buildings</u> (excluding lighting, poles, traffic signals, safety cameras and fences) shall be less than 3m in <u>height</u> in the South Frame Pedestrian Precinct shown on the Planning Maps.</p> <p>c. <u>Buildings</u> in any other location shall be less than 10 metres in <u>height</u>.</p> <p>d. The maximum area of <u>buildings</u> in the South Frame Pedestrian Precinct shown on the Planning Maps is 5m².</p> | | |
| P15 | All <u>public artwork</u> , <u>street furniture</u> , <u>community markets</u> , <u>cultural activities</u> or community fund-raising events within <u>road reserve</u> in the Transport Zone or South Frame Pedestrian Precinct shown on the Planning Maps. | <p>Nil.</p> <p>Note – The <u>Council</u> or New Zealand Transport Agency as owner of <u>roads</u> and KiwiRail as the owner of rail corridors may require permits/approval for such activities under other legislation.</p> | | |
| P16 | Any verandas, <u>balconies</u> or floor area of a <u>building</u> overhanging <u>road reserve</u> within the Transport Zone. | <p>Nil.</p> <p>Note: The <u>Council</u> or New Zealand Transport Agency as owner of <u>roads</u> and KiwiRail as the owner of rail corridors will have their own separate approval process for granting rights to build</p> | | |

| | Activity | Activity specific standards |
|------------|--|---|
| | | overhanging their land. The Council has a policy that is relevant to this process. |
| P17 | Outside the Central City , any activity in the Transport Zone (except for sensitive activities) permitted in the adjoining zone. Note: For the purpose of this rule, where the Transport Zone adjoins two different zones, the provisions of the adjoining zone only apply up to the centre of the Transport Zone in that location. For the avoidance of doubt, any activity permitted in the Industrial General Zone, shall be a permitted activity on 99 Ensors Road (Sec 1 SO 448367). | <p>a. The height limits, maximum gross floor area of a building, setbacks and recession planes in Rule 7.4.1.1 P13 apply</p> <p>b. The applicable activity specific standards and built form standards (except for any minimum building setback from the railway corridor) for the activity in the adjoining zone also apply</p> <p>c. On sites adjacent to the rail corridor the minimum building setback from the railway corridor shall be 1.5 metres from the site boundary adjacent to the railway corridor.</p> |
| P18 | Construction and/or reconstruction of Selkirk Place, Hawkins Road, Hills Road and Prestons Road within the New Neighbourhood Zone (Highfield). | a. Works shall be in general accordance with the cross-sections shown in Appendix 8.6.26 Diagram A in Chapter 8. |
| P19 | In Central City - Any activity that complies with Rule 7.4.2.11 - Vehicle access to sites fronting more than one street. | Nil |
| P20 | In Central City - Any activity that complies with Rule 7.4.2.12 – Central City lane formation. | Nil |
| P21 | Any construction or reconstruction of a roadway within the Central City . | <p>a. Footpaths on both sides of the road shall be provided, unless the legal width of the road is less than 10 metres or the road is designed as a shared space street or is a Central City lane.</p> <p>Note -Road design standards (including road and footpath widths) for new and existing roads are controlled by the Christchurch City Council's Infrastructure Design Standards.</p> |

7.4.1.2 Controlled activities – Outside the Central City

- a. The activities listed below are controlled activities.
- b. Discretion to impose conditions is restricted to the matters of control set out in the following table, and as set out for those matters in Rule 7.4.3.

| | Activity | The matters over which Council reserves its control |
|-----------|---|---|
| C1 | Outside the Central City , any activity that requires resource consent in accordance with Rule 7.4.2.10 - High trip generators, and where: <ol style="list-style-type: none"> a. the land use activity is otherwise permitted in the zone where it is located; and | Rule 7.4.3.19 - High trip generators. |

| | | |
|-----------|---|---|
| | <p>b. the activity does not exceed the thresholds in Table 7.1; and</p> <p>c. direct vehicle access is not obtained from a state highway, major arterial road, or crosses a railway line; and</p> <p>d. for a quarrying activity and/or an ancillary aggregates-processing activity in the Rural Quarry Zone, where a vehicle access to the activity is located further than 250 metres from a residential unit.</p> <p>Refer to the Rule 7.4.2.10 for provisions regarding notification.</p> | |
| C2 | <p>Outside the Central City, any activity in the Transport Zone (except for sensitive activities) that is a controlled activity in the adjoining zone.</p> <p>For the purpose of this rule, where the Transport Zone adjoins two different zones, the provisions of the adjoining zone only apply up to the centre of the Transport Zone in that location.</p> | <p>a. The applicable matters of control for the adjoining zone; and</p> <p>b. Rule 7.4.3.20 - Transport infrastructure in the Transport Zone.</p> |

7.4.1.3 Restricted discretionary activities

- a. The activities listed below are restricted discretionary activities.
- b. Discretion to grant or decline consent and impose conditions is restricted to the matters of discretion set out in the following table, and as set out for those matters in 7.4.3.

| | Activity | The Council's discretion shall be restricted to the following matters: |
|------------|--|--|
| RD1 | <p>Any activity that does not meet any one or more of the standards in Rule 7.4.2; or any activity that requires resource consent in accordance with Rule 7.4.2.10 - High trip generators except where otherwise provided for by Rule 7.4.1.2 C1.</p> <p>Refer to the relevant standard for provisions regarding notification.</p> | <p>As relevant to the standard that is not met, and as specified for each standard in Rule 7.4.2:</p> <p>Rules 7.4.3.1 - 7.4.3.19 and 7.4.3.22 - 7.4.3.23.</p> |
| RD2 | Activities P13, P14 and P18 listed in Rule 7.4.1.1, that do not meet any one or more of the activity specific standards. | a. Rule 7.4.3.20 - Transport infrastructure in the Transport Zone. |
| RD3 | Any formation of an unformed legal road . | a. Rule 7.4.3.21 - Formation of unformed legal roads. |
| RD4 | <p>Outside the Central City, any activity (except for sensitive activities) in the Transport Zone that is a restricted discretionary activity in the adjoining zone.</p> <p>For the purpose of this rule, where the Transport Zone adjoins two different zones, the provisions of the adjoining zone only apply up to the centre of the Transport Zone in that location.</p> | <p>a. The applicable matters of discretion for the adjoining zone; and</p> <p>b. Rule 7.4.3.20 - Transport infrastructure in the Transport Zone –.</p> |

| | Activity | The Council's discretion shall be restricted to the following matters: |
|------------|---|--|
| | For the avoidance of doubt, any restricted discretionary activity in the Industrial General Zone, shall be a restricted discretionary activity on 99 Ensors Road (Sec 1 SO 448367). | |
| RD5 | Activity P17 listed in Rule 7.4.1.1, that does not meet any one or more of the activity specific standards. | a. The applicable matters of discretion for the adjoining zone; and b. Transport infrastructure in the Transport Zone – Rule 7.4.3.20. |
| RD6 | In the Central City , any site temporarily used for car parking areas , where car parking area is the primary activity on that site until 30 April 2018. | a. Temporary car parks during the earthquake recovery period – Rule 7.4.3.25 |
| RD7 | In the Central City , any permitted activity that does not comply with the activity specific standard in Rule 7.4.1.1 for P21. | a. Central City Road Cross sections – Rule 7.4.3.24 |
| RD8 | In Central City , any permanent car parking buildings or sites-parking lots where car parking is the primary activity on that site . | a. Commercial car parking buildings and sites-parking lots – Rule 7.4.3.26 |

7.4.1.4 Discretionary activities

The activities listed below are discretionary activities.

| | Activity |
|-----------|---|
| D1 | Any activity in the Transport Zone not provided for as a permitted, controlled, restricted discretionary or non-complying activity. |

7.4.1.5 Non complying activities

The activities listed below are non-complying activities.

| | Activity |
|------------|---|
| NC1 | <p>Except where provided for in P12 – P16 and P18 listed in Rule 7.4.1.1, or in RD2 or RD3 listed in Rule 7.4.1.3, any activity in the Transport Zone that is a non-complying activity in the adjoining zone.</p> <p>For the purpose of this rule, where the Transport Zone adjoins two different zones, the provisions of the adjoining zone only apply up to the centre of the Transport Zone in that location.</p> |
| NC2 | Any building or structure (except transport infrastructure and utilities that comply with the New Zealand Electrical Code of Practice for Electrical Safe Distances (NZECP 34:2001)) that exceeds 2.5 metres in height within: |

| | |
|------------|--|
| | - 12 metres of the centre line of a 110kV or a 220kV National Grid transmission line , or/and - 10 metres of the centre line of a 66kV National Grid transmission line . |
| NC3 | Any activity within the Commercial Central City Business Zone (Core) that does not comply with 7.4.2.1 d. |

Notes:

1. The [National Grid transmission lines](#) are shown on the planning maps.
2. Vegetation to be planted around the [National Grid](#) should be selected and/or managed to ensure that it will not breach the Electricity (Hazards from Trees) Regulations 2003.
3. The New Zealand Electrical Code of Practice for Electrical Safe Distances (NZECP 34:2001) contains restrictions on the location of structures and activities in relation to [National Grid transmission lines](#). [Buildings](#) and activities in the vicinity of [National Grid transmission lines](#) must comply with the NZECP 34:2001.

7.4.2 Standards — Transport (All zones outside the Specific Purpose (Lyttelton Port) Zone)

7.4.2.1 Minimum number and dimensions of car [parking spaces](#) required

Outside of the [Central City](#)

| | Applicable to: | Standard | The Council 's discretion shall be limited to the following matters: |
|----|---|--|--|
| a. | Any activity: | At least the minimum number of car parking spaces in Table 7.2 in Appendix 7.1 shall be provided on the same site as the activity. The minimum number of car parking spaces required may be reduced by the relevant amount if the activity qualifies for any of the permitted reductions in Appendix 7.14. | Rule 7.4.3.1 - Minimum number of car parking spaces required. |
| b. | Any car parking spaces available to the general public. | Car parking spaces shall be provided with the minimum dimensions in Table 7.4 in Appendix 7.1. | Rule 7.4.3.2 - Parking space dimensions. |
| c. | Any activity: <ol style="list-style-type: none"> i. where standard car parking spaces are provided (except residential developments with less than 3 residential units); | At least the minimum number of mobility car-parking spaces in accordance with Table 7.3 in Appendix 7.1 shall be provided on the same site as the activity. | Rule 7.4.3.3 - Mobility parking spaces. |

| | | | |
|--|---|--|--|
| | or | | |
| | ii. containing <u>buildings</u> with a GFA of more than 2,500m ² . | | |

Within the Central City

| | Applicable to | Standard | The <u>Council's</u> discretion shall be limited to the following matters: |
|----|---|--|--|
| d. | Any activity (except within the <u>Residential Central City Residential Zone</u>) | No on-site car parking is required within the <u>Central City</u> , however, if car parking is provided any car parking and associated <u>manoeuvre area</u> shall be no greater than 50% of the GLFA of the <u>buildings</u> on the <u>site</u> . | Rule 7.4.3.27 – Car parking areas |
| e. | Any car <u>parking spaces</u> provided, except <u>residential activities</u> . | Any car <u>parking spaces</u> provided shall have the minimum dimensions in Appendix 7.1, Table 7.4. | Rule 7.4.3.2 – Parking space dimensions |
| f. | Any activity (other than in respect of <u>residential activities</u>): i. where car <u>parking spaces</u> are provided, or ii. containing <u>buildings</u> with GFA of more than 2,500m ² . | The minimum number of <u>mobility parking spaces</u> in accordance with Appendix 7.1 shall be provided on the same <u>site</u> as the activity. | Rule 7.4.3.3 – Mobility parking spaces |

NOTE: For the avoidance of doubt there is no requirement to provide mobility parking spaces for residential activities within the Central City.

7.4.2.2 Minimum number of cycle parking facilities required

| | Applicable to: | Standard | The <u>Council's</u> discretion shall be limited to the following matters: |
|----|----------------|--|--|
| a. | Any activity. | At least the minimum amount of cycle parking facilities in accordance with Appendix 7.2 shall be provided on the same <u>site</u> as the activity. | Rule 7.4.3.4 - Minimum number of cycle parking facilities. |

7.4.2.3 Minimum number of loading spaces required

| | Applicable to: | Standard | The Council's discretion shall be limited to the following matters: |
|----|---|---|--|
| a. | Any activity where standard car parks are provided. | At least the minimum amount of loading spaces in accordance with Appendix 7.3 shall be provided on the same site as the activity. | Rule 7.4.3.5 - Minimum number of loading spaces required |

7.4.2.4 Manoeuvring for parking [areas](#) and loading areas

| | Applicable to: | Standard | The Council's discretion shall be limited to the following matters: |
|----|--|--|--|
| a. | Any activity with a vehicle access . | On-site manoeuvring area shall be provided in accordance with Appendix 7.6. | Rule 7.4.3.6 - Manoeuvring for parking areas and loading spaces areas |
| b. | Any activity with a vehicle access to: <ul style="list-style-type: none"> i. a major arterial road or minor arterial road; or ii. a collector road where three or more car parking spaces are provided on site; or iii. six or more car parking spaces; or iv. a heavy vehicle bay required by Rule 7.4.2.3; or v. a local street or local distributor street within the Central City core; or vi. a main distributor street within the Central City where the vehicle access serves three or more parking spaces; or vii. a local street outside the Central City core and the vehicle access serves six or more parking spaces. | On-site manoeuvring area shall be provided to ensure that a vehicle can manoeuvre in a forward gear on to and off a site . | Rule 7.4.3.6 - Manoeuvring for parking areas and loading spaces areas |

Any application arising from this rule shall not be limited or publicly notified.

7.4.2.5 Gradient of parking **areas** and loading areas

| Applicable to: | | Standard | The Council's discretion shall be limited to the following matters: |
|---|---|--|---|
| All non-residential activities with vehicle access . | a. Gradient of surfaces at 90 degrees to the angle of parking (i.e. parking stall width). | Gradient shall be $\leq 1:16$ (6.26%). | Rule 7.4.3.7 - Gradient of parking areas and loading spaces-areas |
| | b. Gradient of surfaces parallel to the angle of parking (i.e. parking stall length). | Gradient shall be $\leq 1:20$ (5%). | |
| | c. Gradient of mobility car-parking spaces . | Gradient shall be $\leq 1:50$ (2%). | |

Any application arising from this rule shall not be limited or publicly notified.

7.4.2.6 Design of parking **areas** and loading areas

| | Applicable to: | Standard | The Council's discretion shall be limited to the following matters: |
|----|---|---|---|
| a. | All non-residential activities with parking areas and/or loading areas used during hours of darkness. | Lighting of parking areas and loading areas shall be maintained at a minimum level of two lux, with high uniformity, during the hours of operation. | Rule 7.4.3.8 - Illumination of parking areas and loading spaces-areas |
| b. | Any urban activity , except: <ol style="list-style-type: none"> residential activities containing less than three car parking spaces; or sites where access is obtained from an unsealed road; or temporary activities and buildings. | The surface of all car parking areas , loading areas , and associated access areas shall be formed, sealed and drained and car parking spaces permanently marked. | Rule 7.4.3.9 - Surface of parking areas and loading areas |

Any application arising from this rule shall not be limited or publicly notified.

7.4.2.7 Access design

| | Applicable to: | Standard | The Council's discretion shall be limited to the following matters: |
|--|----------------|----------|--|
| | | | |

| | | | |
|----|--|---|---|
| a. | Any activity with <u>vehicle access</u> . | <u>Access</u> shall be provided in accordance with Appendix 7.7. | Rule 7.4.3.10 - Vehicle access design |
| b. | Any activity providing 4 or more car <u>parking spaces</u> or <u>residential units</u> . | <u>Queuing spaces</u> shall be provided in accordance with Appendix 7.8. | Rule 7.4.3.11 - Queuing spaces |
| c. | Outside the <u>Central City</u> , any <u>vehicle access</u> : i. to an <u>urban road</u> serving more than 15 car <u>parking spaces</u> or more than 10 <u>heavy vehicle movements</u> per day; and/or ii. on a <u>key pedestrian frontage</u> . | Either an audio and visual method of warning pedestrians of the presence of vehicles or a <u>visibility splay</u> in accordance with Appendix 7.9 shall be provided. If any part of the <u>access</u> lies within 20 metres of a Residential Zone any audio method should not operate between 8pm and 8am. | Rule 7.4.3.12 - Visibility splay |
| d. | Within the <u>Central City</u> , any <u>vehicle access</u> to a <u>road</u> serving more than 15 car <u>parking spaces</u> or more than 10 <u>heavy vehicle movements</u> per day, where the <u>site</u> provides <u>access</u> onto any street within the core. | An audio and visual method of warning pedestrians of the presence of vehicles about to exit the <u>access</u> point shall be provided. | Rule 7.4.3.12 – Visibility splay ^s |
| e. | Within the <u>Central City</u> , any <u>vehicle access</u> to a <u>road</u> serving more than 15 car <u>parking spaces</u> or more than 10 <u>heavy vehicle movements</u> per day, in any other location not covered by clause d above. | Either an audio and visual method of warning pedestrians of the presence of vehicles about to exit the <u>access</u> point or a <u>visibility splay</u> in accordance with Appendix 7.9 – Visibility splay, shall be provided. If any part of the <u>access</u> lies within 20 metres of a Residential Central City Zone any audio method should not operate between 8pm and 8am, except when associated with an emergency service vehicle. | Rule 7.4.3.12 - Visibility splay ^s |

Any application arising from this rule shall not be limited or publicly notified.

7.4.2.8 Vehicle crossings

| | Applicable to: | Standard | The <u>Council</u> 's discretion shall be limited to the following matters: |
|----|---|---|---|
| a. | Any activity with a <u>vehicle access</u> to any <u>road</u> or <u>service lane</u> . | A <u>vehicle crossing</u> shall be provided constructed from the property <u>boundary</u> to the edge of the <u>carriageway</u> / <u>service lane</u> . | Rule 7.4.3.13 - Vehicle crossing design |
| b. | Any <u>vehicle crossing</u> on an <u>arterial road</u> or <u>collector road</u> , with a speed limit 70 kilometres per hour or greater. | <u>Vehicle crossing</u> shall be provided in accordance with Appendix 7.10. | Rule 7.4.3.13 - Vehicle crossing design |

| | | | |
|----|---|--|--|
| c. | Any <u>vehicle crossing</u> to a rural selling place <u>any land, building or part of a building located in a rural zone, on or in which rural produce is offered for sale by wholesale and/or retail.</u> | <u>Vehicle crossing</u> shall be provided in accordance with Figure 7.13 in Appendix 7.10. | Rule 7.4.3.13 - Vehicle crossing design |
| d. | Any <u>vehicle crossing</u> on a <u>road</u> with a speed limit 70 kilometres per hour or greater. | The minimum spacing to an adjacent <u>vehicle crossing</u> on the same side of the <u>frontage road</u> , shall be in accordance with Table 7.14 in Appendix 7.11. | Rule 7.4.3.14 - Minimum distance between vehicle crossings |
| e. | Any activity with a <u>vehicle crossing</u> . | The maximum number of <u>vehicle crossings</u> shall be in accordance with Table 7.15a (outside the <u>Central City</u>) and Table 7.15b (within the <u>Central City</u>) in Appendix 7.11. | Rule 7.4.3.15 - Maximum number of vehicle crossings |
| f. | Any activity with a <u>vehicle crossing</u> . | The minimum distance between a <u>vehicle crossing</u> and an <u>intersection</u> shall be in accordance with the Table 7.16a (outside the <u>Central City</u>) and Table 7.16b (within the <u>Central City</u>) in Appendix 7.11. | Rule 7.4.3.16 - Minimum distance between vehicle crossings and intersections |
| g. | Any <u>vehicle crossing</u> on a <u>rural road</u> . | The minimum sight lines to <u>vehicle crossings</u> shall be provided in accordance with Figure 7.15 in Appendix 7.11. | Rule 7.4.3.17 - Sight lines at vehicle crossings |

Any application arising from this rule shall not be publicly notified and be limited notified only to the New Zealand Transport Agency (NZTA) and only where there is direct access to a state highway and the NZTA has not given its written approval.

Note:

All vehicle crossings designed and constructed onto public roads managed by Council require a vehicle crossing application and the form can be found at: resources.ccc.govt.nz/files/VehicleCrossingApplication-docs.pdf. An approval must be given before construction can start. Design and construction works shall be at the Owner or Developer's own expense. Standards for the design of vehicle crossings can be found in Council's Construction Standard Specifications.

7.4.2.9 Location of buildings and access in relation to road/rail level crossings

| | Applicable to: | Standard | The <u>Council</u> 's discretion shall be limited to the following matters: |
|----|---|---|---|
| a. | Any new <u>road</u> or <u>access</u> that crosses a railway line. | No new <u>road</u> or <u>access</u> shall cross a railway line. | Rule 7.4.3.18 - Location of buildings and access in relation to rail/road level crossings |

| | | | |
|----|--|---|---|
| b. | All new <u>road intersections</u> located less than 30 metres from a rail <u>level crossing limit line</u> . | The <u>road intersection</u> shall be designed to give priority to rail movements at the <u>level crossing</u> through <u>road</u> traffic signals. | Rule 7.4.3.18 - Location of buildings and access in relation to rail/road level crossings |
| c. | All new <u>vehicle crossings</u> located less than 30 metres from a rail <u>level crossing limit line</u> . | No new <u>vehicle crossing</u> shall be located less than 30 metres from a rail <u>level crossing limit line</u> unless the <u>boundaries</u> of a <u>site</u> do not enable the <u>vehicle crossing</u> to be more than 30 metres from a rail <u>level crossing limit line</u> . | Rule 7.4.3.18 - Location of buildings and access in relation to rail/road level crossings |
| d. | Any <u>building</u> located close to a <u>level crossing</u> not controlled by automated warning devices (such as alarms and/or barrier arms). | <u>Buildings</u> shall be located outside of the sight triangles in Appendix 7.13. | Rule 7.4.3.18 - Location of buildings and access in relation to rail/road level crossings |

Any application arising from this rule shall not be publicly notified and be limited notified only to KiwiRail and where KiwiRail has not given its written approval.

7.4.2.10 High trip generators

- i. This rule applies to activities located outside the Central City, and activities within the Central City that are not exempt from this rule under ii. below, that exceed the following thresholds.
- ii. Within the Central City - Permitted activities² are exempt from this rule.

| | Applicable to: | Resource consent under Rule 7.4.1.2 C1 or Rule 7.4.1.3 RD1 is required for activities with: | The matters over which <u>Council</u> reserves its control or restricts its discretion shall be limited to the following matters: |
|----|---|--|--|
| a. | <u>Education Activities</u> (Schools). | More than 150 students | Rule 7.4.3.19 - High trip generators |
| b. | <u>Education Activities</u> (Pre-School). | More than 50 children | |
| c. | <u>Education Activities</u> (Tertiary Education and Research Activities). | More than 250 FTE students | |
| d. | <u>Health Care Facilities</u> . | More than 500 m ² GFA | |
| e. | <u>Industrial Activities</u> (excluding Warehousing and Distribution Activities). <u>High Technology Industrial Activities</u> . <u>Heavy Industrial Activities</u> . | More than 5,000 m ² GFA | |

² Permitted Activities are those listed in the permitted activity tables in the zone chapters and are generally anticipated in the zones. For the purpose of this rule permitted activities must comply with the built form standards for the maximum building height for activity in the zone, any site coverage standards for the activity in the zone, and all the activity specific standards for the activity in the zone. Non-compliance with any other built form standards or being subject to an urban design assessment does not trigger the need to be subject to this rule.

| | | | |
|----|--|---|--|
| f. | <u>Industrial Activities (Warehousing and Distribution Activities).</u> | More than 10,000 m² GFA | |
| g. | <u>Offices.</u> | More than 1750 m² GFA | |
| h. | <u>Residential Activities.</u> | More than 60 <u>residential units</u> | |
| i. | <u>Retail Activities</u> (excluding factory shops, retail park zones, <u>trade suppliers</u> and <u>food and beverage outlets</u>). | More than 500 m² GLFA | |
| j. | <u>Retail Activities</u> (factory shops, retail park zones, but excluding <u>trade suppliers</u> and <u>food and beverage outlets</u>). | More than 1000 m² GLFA | |
| k. | <u>Mixed use</u> and other activities (not listed above), except where Rule - 7.4.1.1 P11 applies. | More than 50 <u>vehicle trips</u> per peak hour or 250 <u>heavy vehicle trips</u> per day (whichever is met first) 'Peak hour' are those hours between 3pm and 7pm on a weekday. | |

When resource consent under is required:

1. An Integrated Transport Assessment shall be undertaken for activities that are High Trip Generators (i.e. are controlled or restricted discretionary activities under Rule 7.4.1.2 C1 or Rule 7.4.1.3 RD1).
2. If an Integrated Transport Assessment has already been approved for the site as part of a granted resource consent, then these rules do not apply to any development that is within the scope of that Integrated Transport Assessment and in accordance with the resource consent, unless the resource consent has lapsed.
3. A basic Integrated Transport Assessment shall be undertaken for High Trip Generators that do not exceed the thresholds in Rule 7.4.3.19 Table 7.1. A full Integrated Transport Assessment shall be undertaken for activities that exceed the thresholds in Rule 7.4.3.19 Table 7.1.
4. Guidance on preparing an Integrated Transport Assessment to address the assessment matters in Rule 7.3.19 may be obtained from ~~Christchurch City Council~~'s Integrated Transport Assessment Guidelines.
5. For the purposes of calculating the thresholds in Rule 7.4.2.10 (and Table 7.1):
 - i. for existing activities with access to urban roads, the level of trip generation and scale of activity that existed prior to the plan becoming operative will not be included;
 - ii. for existing activities with access to rural roads, the level of trip generation and scale of activity that existed prior to the plan becoming operative shall be included;
 - iii. for education activities the thresholds in Rule 7.4.2.10 (and table 7.1) shall only apply to any additional traffic generation from a site which increases the number of children, students or FTE students.

However, i and iii do not apply if the existing activity's vehicle access arrangements change so that more than 50 vehicle trips per peak hour will use a new vehicle access to

the activity and / or the volumes using any existing [vehicle access](#) to the activity increases by more than 50 [vehicle trips](#) per peak hour.

6. Other than as required by 7 or 8 below, the application shall not be publicly or limited notified where:
 - a. the land use activity is otherwise permitted in the zone where it is located and direct [vehicle access](#) is not from a state highway or crosses a KiwiRail railway line; or
 - b. the land use activity is otherwise permitted in the zone where it is located and direct [vehicle access](#) is from a state highway or crosses a KiwiRail railway line and written approval/s have been provided by the NZ Transport Agency and/or KiwiRail (whichever is relevant);
7. Where written approvals have not been provided under 6b above, [Council](#) shall give limited notification of the application to the New Zealand Transport Agency and/or KiwiRail only.
8. For a [quarrying activity](#) and/or an [ancillary aggregates-processing activity](#) in the Rural Quarry Zone, where a [vehicle access](#) to the activity is located within 250 metres of a [residential unit](#), the [Council](#) shall give limited notification of the application to the owners/occupiers of that [residential unit](#) only, unless such approvals have already been provided.

7.4.2.11 Vehicle access to sites fronting more than one street – Within the Central City

| | Applicable to | Standard | The Council 's discretion shall be limited to the following matters: |
|---|--|--|---|
| a | Any new vehicle access . | Vehicle access shall be provided in accordance with Appendix 7.15. | Rule 7.4.3.22 - Vehicle access to sites fronting more than one street – within the Central City |

7.4.2.12 Lane Formation – Within the Central City

| | Applicable to | Standard | The Council 's discretion shall be limited to the following matters: |
|---|--|---|--|
| a | Any new Central City lane created. | The legal width of the Central City lane shall be between 6m and 12m and have a minimum height clearance of 4.5m. | Rule 7.4.3.23 - Central City lane formation – within the Central City |

7.4.3 Rules - Matters of control and discretion

When considering applications for controlled activities, the [Council](#)'s power to impose conditions is restricted to the matters over which control is reserved in the table in Rule 7.4.1.2, and as set out for that matter below.

When considering applications for restricted discretionary activities, the [Council](#)'s discretion to grant or decline consent, or impose conditions, is restricted to the matters over which discretion is restricted in the table in Rule 7.4.1.3, and as set out for that matter below.

7.4.3.1 Minimum number of car [parking spaces](#) required

The following are the matters of discretion for Rule 7.4.2.1 a.:

- a. Whether the equivalent number of [parking spaces](#) can be provided on a separate [site](#) which:
 - i. is sited within safe and easy walking distance of the activity; and
 - ii. does not require people to cross [arterial roads](#) to gain [access](#) to the activity, thereby compromising the safety of pedestrians and the function of the [road](#), unless there are safe crossing facilities; and/or
 - iii. is clearly associated with the activity through [signage](#) or other means; and/or
 - iv. whether a legal agreement has been entered into, bonding the parking to the activity; and/or
 - v. is surrounded by appropriate land use activities with which the car parking is compatible.
- b. Whether the parking demand occurs at a different time from another land use activity, with which a [parking area](#) could be shared without adverse effects for on street parking.
- c. Whether a legal agreement has been entered into securing mutual usage of any [parking areas](#) shared with other activities.
- d. Where the required number of off-street car [parking spaces](#) are not to be provided:
 - i. whether the proposal or application demonstrates that it will generate more or less parking and/or staff parking demand than is required by this [District Plan](#);
 - ii. whether the required parking can physically be accommodated on the [site](#) and/or off [the site](#);
 - iii. whether the movement function, safety and [amenity values](#) of the [road](#) network and surrounding environment may be adversely affected by extra parked and manoeuvring vehicles on these [roads](#);
 - iv. whether the [site](#) is well serviced by public transport and is designed or operated to facilitate public transport use;
 - v. whether additional cycle parking facilities (more than the number required by this [District Plan](#)) have been provided to offset a reduction in the number of car [parking spaces](#), and there is a reasonable expectation of them being used;
 - vi. the cumulative effect of the lack of onsite [parking spaces](#) for the proposal in conjunction with other activities in the vicinity which are not providing the required number of [parking spaces](#);
 - vii. whether the reduction in parking will affect the ability of future activities on the [site](#) to meet the parking requirements;
 - viii. whether the safety of pedestrians will be affected by being set down on-street;

- ix. whether a reduction in, or waiver of, the required onsite car parking will reduce travel to the activity by private vehicles and facilitate public and [active transport](#) use, such as through the development and implementation of a [travel plan](#);
- x. whether a reduction in, or waiver of, the required onsite car parking will enable a significant improvement in the urban design, appearance, and [amenity values](#) of the [site](#) and a more efficient [site](#) layout without compromising the [amenity values](#), safety and efficiency of the transport network;
- xi. whether a reduction in, or waiver of, the required on-site car [parking spaces](#) is appropriate because there are other public parking facilities close to the activity that can be used by people accessing the activity; and
- xii. whether there are mitigating factors for a reduced parking supply, with regard given to the parking reduction adjustment factors in Appendix 7.14.
- xiii. whether a reduction in or waiver of required on-site car [parking spaces](#) would contribute to the protection of ~~waterway~~ [water body setbacks](#) or natural, [historic heritage](#) or cultural (including Ngāi Tahu/Manawhenua) values.

7.4.3.2 Parking space dimensions

The following are matters of discretion for Rule 7.4.2.1 b. and e.:

- a. The safety and usability of the [parking spaces](#).
- b. Whether a parking stacker or a similar mechanism is being used.

7.4.3.3 Mobility parking spaces

The following are matters of discretion for Rule 7.4.2.1 c. and f.:

- a. Whether the equivalent number of [mobility car-park](#) [parking spaces](#) can be provided on a separate [site](#) which:
 - i. is sited within a readily [accessible](#) distance from the activity for persons whose mobility is restricted; and
 - ii. is clearly associated with the activity through [signage](#) or other means.
- b. Whether the nature of the particular activity is such that it will generate less mobility car parking demand than is required by this [District Plan](#).
- c. Whether the safety of people whose mobility is restricted will be affected by being set down on-street.
- d. Outside the [Central City](#), the assessment matters under Rule 7.4.3.1 also apply.

7.4.3.4 Minimum number of cycle parking facilities required

Outside the [Central City](#), the following are matters of discretion for Rule 7.4.2.2:

- a. Whether adequate alternative, safe and secure cycle parking and end of trip facilities (such as showers and lockers), meet the needs of the intended users, and are available in a nearby location that is readily [accessible](#).
- b. Whether the parking can be provided and maintained in a jointly used cycle [parking area](#).
- c. Whether a legal agreement has been entered into securing mutual usage of any cycle [parking areas](#) shared with other activities.
- d. Whether the cycle parking facilities are designed and located to match the needs of the intended users.
- e. Whether the provision, design and location of cycle parking facilities may disrupt pedestrian traffic, disrupt active frontages, or detract from an efficient [site](#) layout or street scene [amenity values](#).
- f. Whether the number of cycle [parking spaces](#) and end of trip facilities provided are sufficient considering the nature of the activity on the [site](#) and the anticipated demand for cycling.

Within the [Central City](#), the following are matters of discretion for Rule 7.4.2.2:

- g. The extent to which alternative adequate cycle parking is available which is within easy walking distance of the development entrance.
- h. Whether the provision for cyclists is sufficient considering the nature of the activity on the [site](#) and the anticipated demand for cycling to the [site](#) and adjacent activities.
- i. Whether the provision for cyclists is practicable and adequate considering the layout of the [site](#), and the operational requirements of the activity on the [site](#).
- j. Matters of discretion b. and d. also apply within the [Central City](#).

7.4.3.5 Minimum number of loading spaces required

The following are matters of discretion for Rule 7.4.2.3:

- a. Whether the nature and operation of the particular activity will require [loading spaces](#) of a different size, number and frequency of use.
- b. Whether an off-street shared [loading area](#) can be safely and efficiently provided in conjunction with an adjacent activity.

In addition, outside of the [Central City](#):

- c. Whether a legal agreement has been entered into securing mutual usage of any [loading areas](#) shared with other activities.
- d. Whether [loading](#) can be safely and efficiently undertaken on-street.
- e. Whether the movement function and/or safety of the surrounding transport network may be adversely affected by extra parked and manoeuvring vehicles on street.
- f. Whether [loading](#) and service functions disrupt pedestrian and cycling traffic, disrupt active frontages, or detract from street scene [amenity values](#).

- g. Whether there is an existing on-street [loading](#) facility, that can be used safely, within 50m of the [site](#), and the route between the [loading](#) facility and the [site](#) does not require crossing any [road](#).

7.4.3.6 Manoeuvring for parking [areas](#) and loading areas

The following are matters of discretion for Rule 7.4.2.4:

- a. Whether there would be any adverse effects on the efficiency, safety and [amenity values](#) of users of transport modes within and passing the [site](#), and/or function of the [frontage road](#).
- b. The number and type of vehicles using the parking or [manoeuvring area](#).
- c. Whether the required [manoeuvring area](#) can physically be accommodated on the [site](#).
- d. Whether the [strategic transport network](#) is adversely affected.

7.4.3.7 Gradient of parking [areas](#) and loading areas

The following are matters of discretion for Rule 7.4.2.5:

- a. Whether the gradient noncompliance affects any [mobility parking spaces](#), and whether the proposed gradient will make it difficult for people whose mobility is restricted to use these [parking spaces](#).
- b. The total number of [parking spaces](#) affected by the gradient noncompliance.
- c. Whether the gradient will make the use of the parking and [loading spaces](#) impracticable.
- d. Whether the drainage facilities are adequately designed and will not cause adverse effects on neighbouring [sites](#).

7.4.3.8 Illumination of parking [areas](#) and loading areas

The following are matters of discretion for Rule 7.4.2.6 a.:

- a. Whether the facility is often used during the hours of darkness.
- b. Whether other light sources in the area give adequate light to provide security for users of the area.
- c. Whether glare from the light source will adversely affect the safety of surrounding [roads](#) and/or the rail corridor.

7.4.3.9 Surface of parking [areas](#) and loading areas

The following are matters of discretion for Rule 7.4.2.6 b.:

- a. Whether the noncompliance will cause adverse effects on the activity and on other [sites](#) in the area in terms of noise and dust nuisance.
- b. Whether mud or gravel will be carried on to public [roads](#), footpaths or the rail corridor.

- c. Whether the materials used for the surface of the car parking area-surface and the car parking area's stormwater management system will adequately manage contaminants from runoff and flooding.
- d. Outside the Central City, whether permeable surfaces are suitable.

7.4.3.10 Vehicle access design

The following are matters of discretion for Rule 7.4.2.7 a.:

- a. Whether the driveway serves more than one site and the extent to which other users of the driveway may be adversely affected.
- b. Whether there are any adverse effects on the safety and amenity values of neighbouring properties and/or the function of the transport network.
- c. The effects on the safety and security of people using the facility.
- d. Whether the access disrupts, or results in conflicts with, active frontages, convenient and safe pedestrian circulation and cycling flows or will inhibit access for emergency service vehicles where on-site access is required.
- e. Whether the safety of pedestrians, particularly the aged and people whose mobility is restricted, will be compromised by the length of time needed to cross a wider driveway.
- f. Whether the legal width of access is restricted by the boundaries of an existing site and/or an existing building.
- g. Where the access exceeds the maximum gradient standards, in addition to a. to f. above:
 - i. whether the gradient will make the use of the access impracticable, including inhibiting access for emergency service vehicles where on-site access is required.
 - ii. whether the drainage facilities are adequately designed and will not cause adverse effects on neighbouring sites.

7.4.3.11 Queuing spaces

The following are matters of discretion for Rule 7.4.2.7 b.:

- a. Whether there would be any adverse effects on the safety, amenity values and/or efficient operation and functioning of the frontage road or a rail level crossing.
- b. The effect of queuing vehicles on the safety of pedestrians and cyclists.

7.4.3.12 Visibility splay

The following are matters of discretion for Rule 7.4.2.7 c., d. and e.:

- a. Whether vehicles exiting the vehicle access, and cyclists and pedestrians on the footpath or frontage road, are likely to be aware of each other in time to avoid conflicts.

- b. Whether the speed and volume of vehicles using a [vehicle access](#), and/or the volumes of cyclists and pedestrians on the footpath or [frontage road](#), will exacerbate the adverse effects of the [access](#) on people's safety.
- c. Outside the [Central City](#), if a [visibility splay](#) is unable to be provided, whether alternative adequate methods of improving pedestrian safety at the [vehicle access](#) have been provided, for example an audio and/or visual method of warning pedestrians of the presence of vehicles about to exit the [access](#).

7.4.3.13 Vehicle crossing design

The following are matters of discretion for Rule 7.4.2.8 a., b. and c.:

- a. The number of pedestrian movements and the number and type of vehicles using or crossing the [vehicle crossing](#).
- b. The ability for vehicles to use the [vehicle crossing](#) without adversely affecting the safety and/or efficiency of the [frontage road](#) or rail [level crossing](#).
- c. The speed at which vehicles will be able to enter/exit the [site](#) and the effect of this on the safety of pedestrians and other [road](#) users.
- d. Within the [Central City](#), whether the safety of pedestrians, particularly the aged and people whose mobility is restricted will be compromised by the length of time needed to cross a wider driveway.

7.4.3.14 Minimum distance between vehicle crossings

The following are matters of discretion for Rule 7.4.2.8 d.:

- a. Whether the [landscaping](#) adjacent to the [road](#) will be adversely affected by the location of the [vehicle crossing](#).
- b. Whether safety will be adversely affected by conflict between manoeuvring vehicles at the crossings.

7.4.3.15 Maximum number of vehicle crossings

The following are matters of discretion for Rule 7.4.2.8 e.:

- a. Whether the extra crossing(s) will adversely affect the efficient and safe operation of the [road](#) for all [road](#) users.
- b. Any cumulative effects of the introduction of extra [vehicle crossings](#) when considered in the context of existing and future [vehicle crossings](#) serving other activities in the vicinity.
- c. Whether the physical form of the [road](#) will minimise the adverse effects of the extra [vehicle crossings](#) for example the presence of a solid median to stop right hand turns.
- d. Outside of the [Central City](#), whether the [landscaping](#) adjacent to the [road](#) will be adversely affected by the [vehicle crossings](#).

7.4.3.16 Minimum distance between vehicle crossings and intersections

The following are matters of discretion for Rule 7.4.2.8 f. - Outside the [Central City](#):

- a. Whether extra conflict may be created by vehicles queuing across the [vehicle crossing](#).
- b. Whether any potential confusion between vehicles turning at the crossing or the [intersection](#) may have adverse effects on safety.
- c. The effects on the safety of users of all transport modes.
- d. Whether the number and type of vehicles generated by the activity on the [site](#) will adversely affect the [frontage road](#), particularly at times of peak traffic flows on the [road](#).
- e. Whether the speed and volume of vehicles on the [road](#) will exacerbate the adverse effects of the [vehicle crossing](#) on the safety of users of all transport modes.
- f. Whether the geometry of the [frontage road](#) and [intersections](#) will mitigate the adverse effects of the [vehicle crossing](#).
- g. Whether there are present, or planned, traffic controls along the [road](#) corridor where the [vehicle crossing](#) is proposed.
- h. Any cumulative effects when considered in the context of existing and future [vehicle crossings](#) serving other activities in the vicinity.
- i. Whether traffic mitigation measures such as medians, no right turn or left turn [signs](#), or traffic calming measures are proposed.

The following are matters of discretion for Rule 7.4.2.8 f. – within the [Central City](#):

- j. the extent to which any extra conflict may be created by confusion between vehicles turning at the crossing or the [intersection](#); and the need for drivers to assimilate information thereby adversely affecting concentration and consequently the safety of the [road](#);
- k. the extent to which the number and type of vehicles generated by the [site](#) will adversely affect the [frontage road](#) and [intersections](#), particularly at times of peak traffic flows on the [road](#);
- l. whether the speed and volume of vehicles on the [frontage road](#) and [intersections](#) will exacerbate the adverse effects of the [access](#) on the safety of [road](#) users;
- m. whether the geometry of the [frontage road](#) and [intersections](#) will mitigate the adverse effects of the [access](#).

7.4.3.17 Sight lines at vehicle crossings

The following are matters of discretion for Rule 7.4.2.8 g.:

- a. Whether the operating speed environment of the [road](#) is such that the sight line standards can be safely reduced.
- b. Whether the sight line distances at the [vehicle crossing](#) are adequate to provide safe ingress/egress.

7.4.3.18 Location of building and access in relation to rail/road level crossings

The following are matters of discretion for Rule 7.4.2.9 a., b. and c.:

- a. Where a new [road](#) or [access](#) crosses a railway line and/or a [road intersection](#) or [vehicle crossing](#) does not comply with the minimum [setback](#) from a rail [level crossing limit line](#):
 - i. whether the safety and efficiency of rail and [road](#) operations will be adversely affected;
 - ii. whether a grade separated crossing will be provided; and/or
 - iii. whether connectivity and [accessibility](#) for pedestrians, cyclists and vehicles will be improved, without compromising safety.

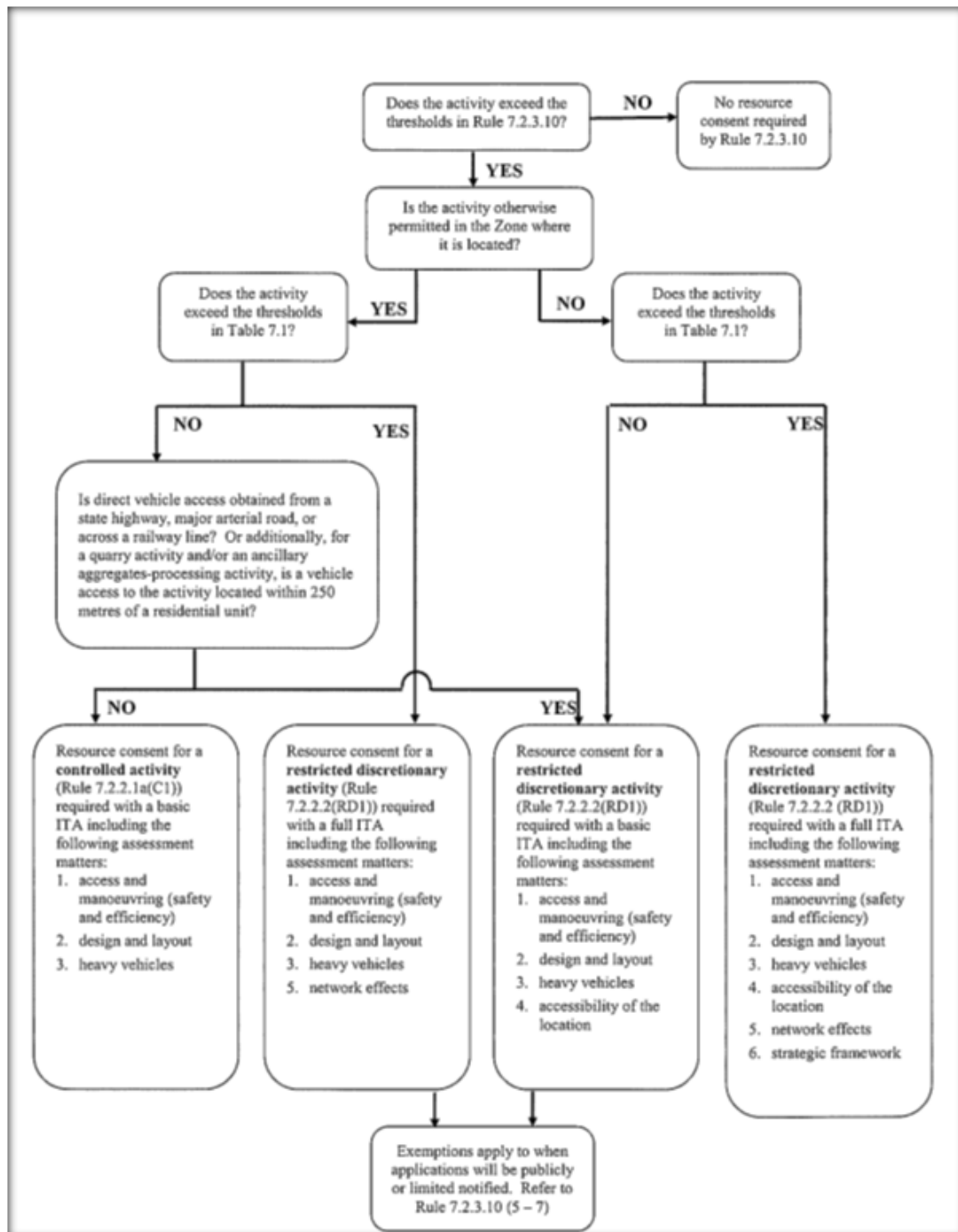
The following are matters of discretion for Rule 7.4.2.9 d.:

- b. Where the minimum [setbacks](#) for [buildings](#) are not provided:
 - i. whether there will be an adverse effect on the safety of the [level crossing](#) for vehicles and pedestrians; and/or
 - ii. whether visibility and safe sight distances will be adversely affected, particularly to the extent that vehicles entering/exiting the [level crossing](#) can see trains.

7.4.3.19 High trip generators

The following are matters of control for Rule 7.4.1.2 C1 or matters of discretion for Rule 7.4.1.3 RD1. The following diagram shows the matters of control or discretion that apply to each activity.

[The Council is directed to update the cross-references to Rule and Table numbers in this diagram]



Note: For clarity, the following table also shows which matters of control or discretion apply to which situations:

| | Matters of Control or Discretion | Activities that are otherwise permitted in the Zone's Activity Status Table | | Activities that are not permitted in the Zone's Activity Status Table | |
|----|--|---|----------|---|----------|
| | | Basic ITA /Controlled activity | Full ITA | Basic ITA | Full ITA |
| a. | Access and manoeuvring (safety and efficiency) | Yes | Yes | Yes | Yes |
| b. | Design and Layout | Yes | Yes | Yes | Yes |
| c. | Heavy vehicles | Yes | Yes | Yes | Yes |
| d. | Accessibility of the location | | | Yes | Yes |
| e. | Network effects | | Yes | | Yes |
| f. | Strategic framework | | | | Yes |

- a. Access and manoeuvring (safety and efficiency): Whether the provision of [access](#) and on-site [manoeuvring area](#) associated with the activity, including vehicle [loading](#) and servicing deliveries, affects the safety, efficiency, [accessibility](#) (including for people whose mobility is restricted) of the [site](#), and the transport network (including considering the [road](#) classification of the [frontage road](#)).
- b. Design and Layout: Whether the design and layout of the proposed activity maximises opportunities, to the extent practicable, for travel other than by private car, including providing safe and convenient [access](#) for travel by such modes.
- c. Heavy vehicles: For activities that will generate more than 250 [heavy vehicle trips](#) per day, whether there are any effects from these trips on the roading infrastructure.
- d. Accessibility of the location: Whether the proposed activity has demonstrated the [accessibility](#) of the [site](#) by a range of transport modes and whether the activity's location will minimise or reduce travel to and from the activity by private vehicles and encourage public and [active transport](#) use.
- e. Network effects: Having particular regard to the level of additional traffic generated by the activity and whether the activity is permitted by the zone in which it is located, whether measures are proposed to adequately mitigate the actual or potential effects on the transport network arising from the anticipated trip generation (for all transport modes) from the proposed activity, including consideration of cumulative effects with other activities in the vicinity, proposed infrastructure, and construction work associated with the activity.
- f. Strategic framework: Whether the proposal is consistent with the local and regional transport policy framework.

Table 7.1 – Thresholds for full Integrated Transport Assessments

| | Activity | Thresholds |
|----|---|--|
| a. | <u>Education Activities</u> (Schools). | More than 450 students |
| b. | <u>Education Activities</u> (PreSchool). | More than 150 children |
| c. | <u>Education Activities</u> (Tertiary Education and Research Activities). | More than 750 FTE students |
| d. | <u>Health Care Facilities</u> . | More than 1000 m ² GFA |
| e. | <u>Industrial Activities</u> (excluding <u>Warehousing and Distribution Activities</u>). <u>High Technology Industrial Activities</u> . <u>Heavy Industrial Activities</u> . | More than 10,000 m ² GFA |
| f. | <u>Industrial Activities</u> (<u>Warehousing and Distribution Activities</u>). | More than 20,000 m ² GFA |
| g. | <u>Offices</u> . | More than 4000 m ² GFA |
| h. | <u>Residential Activities</u> . | More than 120 <u>residential units</u> |
| i. | <u>Retail Activities</u> (excluding factory shops, retail park zones, <u>trade suppliers</u> and <u>food and beverage outlets</u>). | More than 1000 m ² GLFA and/or in a <u>Local Centre</u> or <u>Neighbourhood eCentre</u> identified in Chapter 15, where the total area of development* over any three year period exceeds 1000 m ² GLFA. |
| j. | <u>Retail Activities</u> (factory shops and retail park zones, but excluding <u>trade suppliers</u> and <u>food and beverage outlets</u>). | More than 2000 m ² GLFA |
| k. | All other activities (not covered by the thresholds above). | More than 120 <u>vehicle trips</u> per peak hour or 1000 <u>vehicle trips</u> per day (whichever is met first). 'Peak hour' are those hours between 3pm and 7pm on a weekday. |

* Development refers to either consented or constructed developments.

7.4.3.20 Transport infrastructure in the Transport Zone

The following are the matters of control for Rule 7.4.1.2 C2 or - matters of discretion for Rule 7.4.1.3 RD2 and RD4:

- Whether there is a need for the development in relation to improving the safety, amenity, efficiency or functionality of the Transport Zone.
- Any adverse effects on the current or future safety and efficiency of transport modes.
- Whether the scale and location of buildings will adversely affect or dominate its surrounding setting including adjacent buildings and the environment. In particular:

- i. where a larger **building** is proposed to locate adjacent to areas with smaller **buildings**, the massing and design of the proposed **building** should not overly dominate the built scale or open space of the surrounding area. Methods to moderate the bulk of the proposed **building** may include:
 - A. varying roof forms;
 - B. **window** placement;
 - C. appropriate use of materials; and
 - D. modulation of facades.
- d. Whether the **building** adversely affects the environment, **amenity values** or activity of adjacent land uses.
- e. Whether there is adequate access to sunlight.
- f. Whether the location or/and the scale of the **building** does not solely or cumulatively affect public access.
- g. Whether the **building** results in areas of entrapment or concealment.

In addition, outside of the **Central City**:

- h. The extent to which the development and activity specific standards of the **adjoining** zone mitigates potential adverse effects.
- i. If the land is being used for non-transport related activities, the extent to which the activity does not undermine the future use of the land for transport purposes.

7.4.3.21 Formation of unformed legal roads

The following are matters of discretion for Rule 7.4.1.3 RD3:

- a. Whether there is ability to form the **unformed legal road** in a way that is safe, functional and maintainable at a reasonable cost.
- b. Whether the use of the **unformed legal road** will adversely affect the environment and/or character of the location and surrounding area (including effects from dust, noise and vibration and effects on visual amenity).
- c. Whether the use of the **unformed legal road** will adversely affect safe **access** for other current and potential users of the **unformed legal road**, including pedestrians and cyclists.
- d. Any effects on public access to and along the coastal marine area and the adequacy of measures to address adverse effects on public access to and along the coastal marine area.
- e. Matters of discretion in Rule 9.6.3.1 Effects of activities on the coastal environment and Rule 9.2.8.3 Natural character in the coastal environment.

7.4.3.22 Vehicle access to sites fronting more than one street – within the Central City

The following are matters of discretion for Rule 7.4.2.11:

- a. Whether there would be any adverse effects on the safety and amenity of all types of [road](#) user passing the [site](#), and/or the function of the [frontage road](#), particularly at times of peak traffic flows on the [road](#) and the [access](#); and
- b. The extent to which the [access](#) disrupts active frontages.

7.4.3.23 Central City lane formation – within the Central City

The following is the matter of discretion for Rule 7.4.2.12:

- a. The extent to which the width and height of the lane will adversely affect the amenity of the lane and the safety and efficiency of the lane for all users, including whether the lane provides adequate [access](#) for fire appliances.

7.4.3.24 Central City Road Cross sections

The following are matters of discretion for Rule 7.4.1.3 –RD7:

- a. The effect on [access](#) to adjacent properties;
- b. Any effects on the safety of movement along the [road](#) for drivers, pedestrians, cyclists or public transport users;
- c. Any likely adverse effects in terms of the efficiency of traffic movement;
- d. The quality of the streetscape, including the adequacy of provision for street planting and/or grassed berms;
- e. The [setback](#) of [buildings](#) along the street, and the amenities of properties [adjoining](#) the [road](#); and
- f. The amount of on street parking which may be lost or made unavailable and whether this can be accommodated elsewhere.

7.4.3.25 Temporary Car Parks during the Earthquake Recovery period – within the Central City

The following are matters for discretion for Rule 7.4.1.3 RD6:

- a. The extent to which the safety and convenience of people within and passing the [site](#), including vehicles, pedestrians and cyclists, will be affected by the design or location of the car [parking area](#) and [access ways](#);
- b. Whether the design or location of the car [parking area](#) will disrupt active frontages or detract from streetscape [amenity values](#) in the area;
- c. Whether the car park can be used by other activities to reduce the need for these activities to provide their own [parking spaces](#);
- d. The length of time that the car [parking area](#) is proposed to be operating for; and
- e. The potential activities that may use the additional [parking spaces](#) and the degree to which the car [parking area](#) will be utilised.

Any resource consents granted under this Rule will need to set the duration of the consent. The duration of the consent should not exceed a period that is reasonably necessary to support the recovery of the surrounding area. It is intended that the duration of consents under this rule will be no longer than 30 April 2018.

7.4.3.26 Commercial car parking buildings and ~~sites~~ parking lots – within the Central City

The following are matters for discretion for Rule 7.4.1.3 RD8:

- a. the potential activities that may use the car park and the degree to which the car park will be utilised;
- b. the need for the car park considering the amount of car parking spaces already provided in the surrounding area;
- c. whether the car parking spaces are needed to meet existing unsatisfied parking demand or are being provided due to anticipated future need;
- d. the integration of the car park area with existing car park areas to operate in a coordinated manner;
- e. the legibility of the car park and the way in which the location of car park is communicated to motorists;
- f. the extent to which the safety and convenience of people within and passing the site, including vehicles, pedestrians and cyclists, will be affected by the design or location of the car park;
- g. whether the design or location of the car park will disrupt active frontages or detract from streetscape amenity values in the area;
- h. whether the car park can be used by other activities to reduce the need for these activities to provide their own parking spaces;
- i. the extent to which the car parking facility may adversely affect the demand for public transport to, from or within the Central City.

Note: A parking plan for the Central City has been developed as part of the implementation of the An Accessible City chapter of the Christchurch Central Recovery Plan, which provides more guidance about parking within the Central City.

7.4.3.27 Carparking area – within the Central City

The following are matters of discretion for Rule 7.4.2.1 d.:

- a. the extent to which the safety and amenity of people within and passing the site, including vehicular traffic, pedestrians and cyclists, will be affected by the design or location of parking spaces and access ways;
- b. whether the design or location of the parking spaces will disrupt active frontages or detract from streetscape amenity values in the area.

Appendices

Appendix 7.1 – Parking space requirements

- a. The minimum number of car parking spaces provided shall be in accordance with Tables 7.2 and 7.3.
 - i. The car parking space requirements listed in Table 7.2 are categorised by activity. When calculating the overall parking space requirements for an activity the separation of areas into different activities will be required where the GFA of an activity (or PFA or other such measurement that the standards for the relevant activity is based upon) exceeds 10 per cent of the total GFA of the activity. The total parking space requirement for any activity will be the sum of the parking space requirements for each area.
 - ii. Where the calculation of the required parking spaces results in a fractional space, any fraction that is less than one-half will be disregarded and any fraction of one-half or more will be counted as one space.
 - iii. Where an activity falls under the definition of more than one activity in Table 7.2, then the higher parking space requirement shall apply.
 - iv. Where an activity does not fall within a particular category, the activity which is closest in definition shall apply.
- b. Any space required for off-street parking spaces other than for a residential activity shall be available for staff and visitors during the hours of operation and shall not be diminished by the subsequent erection of any structure, storage of goods, or any other use.
- c. All required staff car parking spaces shall be permanently marked and signed for the exclusive use of staff. Staff parking spaces may be relocated within the site.
- d. Mobility parking spaces shall be provided at the closest possible point to the accessible entrance to the activity with which they are associated, and the most direct route from the mobility ~~car park~~parking spaces to the activity shall be accessible for people whose mobility is restricted. The spaces shall be clearly signed.
- e. All car parking spaces and aisle widths shall be laid out in accordance with Table 7.4 and Figure 7.1
- f. Critical manoeuvring areas such as aisles in or between major structures, or changes in grade, shall be designed to accommodate the 99 percentile design vehicle as set out in Appendix 7.5.
- g. All other manoeuvring areas shall be designed to accommodate the 85 percentile design motor car as set out in Appendix 7.4.
- h. Full time equivalent student numbers for Tertiary Education and Research Activities shall be assessed annually as of 1 July, and shall be rounded to the nearest 100 FTE students. Any additional car parking spaces required shall be provided within 12 months of the date of assessment.

~~Note: Full time equivalent student means the equivalent number of students based on the number of papers taken to complete a full time course in the normal time, divided by the actual number of students.~~

- i. For the purposes of the land held by the University of Canterbury in the Specific Purpose (Tertiary Education) Zone, car parking space requirements are to be assessed with regard to the following matters:
 - i. The University of Canterbury Specific Purpose (Tertiary Education) Zone is to be treated as one site;
 - ii. Car parking spaces shall be provided to staff and students of the University as set out in Table 7.2 below;
 - iii. Not less than 20% of the car parking spaces shall be provided West of Waimairi Road and 30% shall be provided East of Ilam Road with the balance provided by University of Canterbury across the site.
- j. For sites with activities, listed under Rule 7.4.2.1(a), that existed on 3 September 2010 (i.e. prior to the Canterbury earthquakes of 2010/2011), Table 7.2 shall be applied to the rebuild of that activity, as follows:
 - i. For the size of the activity's building floor area/ scale of the activity that existed on 3 September 2010, Table 7.2. does not apply, as long as the activity provides at least the same amount of on-site parking spaces that existed on 3 September 2010.
 - ii. For any addition to the size of the activity's building floor area/ scale of the activity that is an increase to what existed on 3 September 2010, Table 7.2 shall apply in respect of the increase.

Note: It is recommended that blue colouring be used to help better identify mobility parking spaces.

Table 7.2 – Minimum number of car parking spaces required

| | Activity | Car <u>parking spaces</u> | |
|---|---|---|---------------------------------|
| | | Residents/ Visitors/ Students | Staff |
| <u>EDUCATION ACTIVITIES:</u> | | | |
| a. | <u>Pre-Sschools</u> | 1 space/ 10 children | 0.5 space per FTE staff |
| b. | Schools | 1 space/ 25 students (year 8 and below) 0.5 spaces/ 25 students (year 9 and above) | 0.5 space per FTE staff |
| c. | <u>Tertiary Education and Research Activities</u> | 20 spaces/ 100 FTE students | 5.5 spaces/ 100 FTE students |
| <u>ENTERTAINMENT ACTIVITIES</u> AND <u>RECREATION FACILITIES:</u> | | | |
| d. | Cinemas | 2.5 spaces/ 10 seats | 1 space/ 1 screen |
| e. | Theatres | 3 spaces/ 10 seats | 1 space/ 60 seats |
| f. | Museums and galleries | 1 space/ 30 m ² PFA | 1 space/ 300 m ² PFA |
| g. | Libraries | 1 space/ 50 m ² PFA | 1 space/ 200 m ² PFA |

| | Activity | Car <u>parking spaces</u> | |
|--|---|--|---|
| | | Residents/ Visitors/ Students | Staff |
| h. | <u>Gymnasiums</u> (for public, or private club use), dance studios | 5 space/ 100 m ² GFA | 1 space/ 200 m ² PFA |
| i. | Sports courts (for public, or private club use) | 1 space/ 50 m ² court area | 1 space/ 200 m ² court area |
| j. | Sports fields (for public, or private club use) | 15 spaces/ ha pitch area | 1 space |
| k. | Swimming pools (for public, or private club use) | 1 space/ 10 m ² <u>pool area</u> | 1 spaces/ 200 m ² <u>pool area</u> |
| l. | Other <u>entertainment activities/ recreation facilities</u> , if not specified above | 1 space/ 10 m ² PFA, or 1 space/ 10 seats (whichever is greater) | 10% of visitor requirements |
| m. | Fire stations and ambulance stations | 1 space/ <u>emergency</u> service vehicle bay | 1 space/ <u>emergency</u> service vehicle bay |
| <u>GUEST ACCOMMODATION ACTIVITIES:</u> | | | |
| n. | <u>Hotels</u> | 1 space / 4 bedrooms | 1 space/ 30 bedrooms |
| o. | Other <u>guest accommodation activities</u> , if not specified above | 1 space/unit or 1 space/2.5 bedrooms, whichever is the greater (except that for every coach park provided the number of car <u>parking spaces</u> may be reduced by 3) | 1 space/ 10 units or 1 space/ 10 bedrooms, whichever is the greater |
| <u>HEALTH CARE FACILITIES:</u> | | | |
| p. | <u>Hospitals</u> | 1 space/ 350 m ² GFA | 1 space/ 350 m ² GFA |
| q. | Other <u>health care facilities</u> if not specified above | 1 space/ 25 m ² GFA | 1 space/ 100 m ² GFA |
| INDUSTRIAL ACTIVITIES: | | | |
| r. | <u>Warehousing and distribution activities</u> | 1 space/ 2000 m ² GFA (1 space minimum) | 4.5 spaces/ 1000 m ² GFA |
| s. | Other <u>industrial activities</u> , if not specified above, <u>high technology industrial activities and heavy industrial activities</u> | 1 space/ 800 m ² GFA (1 space minimum) | 11 spaces/ 800 m ² GFA |
| t. | <u>Offices</u> | 5% of staff requirement (1 space minimum) | 2.5 spaces/ 100 m ² GFA |
| u. | <u>Public transport interchanges</u> | Nil | Nil |
| v. | <u>Reserves</u> (if there is not a specified car parking requirement) | Nil | Nil |

| | Activity | Car <u>parking spaces</u> | |
|---|---|--|--|
| | | Residents/ Visitors/ Students | Staff |
| | in this table for the activity on the <u>reserve</u>) | | |
| w. | <u>Quarrying activity</u> and <u>ancillary aggregates-processing activity</u> | 1 space/ 800 m ² GFA (1 space minimum) | 11 spaces/ 800 m ² GFA |
| RESIDENCES: | | | |
| x. | <u>Boarding houses</u> | 1 car <u>parking space</u> / 3 tenants | Nil |
| y. | <u>Care facilities</u> (including the a care home within a facility component of retirement villages) | 1 space/ 5 clients | 1 space/ 6 clients |
| z. | <u>Retirement village</u> (excluding the a care home within a retirement village facility components) | 1 space/ <u>residential unit</u> | Nil |
| aa. | <u>Sheltered housing</u> | 1 space/ 4 units | 1 space/ resident staff unit |
| bb. | <u>Social housing complex</u> | 0.5 space/ 1 unit for units with only one bedroom, 1 space per unit for units with two or more bedrooms | Nil |
| cc. | <u>Residential activities</u> provided under EDM and CHRM | 1 space/ unit | Nil |
| dd. | <u>Student hostel accommodation</u> | 1 space/ 5 beds | 1 space/ 20 beds |
| ee. | Other <u>residential activities</u> , if not specified above | 1 space/ unit, where that unit has less than 150 m ² GFA, 2 spaces/ unit otherwise | Nil |
| <u>RETAIL ACTIVITIES AND COMMERCIAL SERVICES:</u> | | | |
| ff. | <u>Food and beverage outlets</u> | 9 spaces/ 100 m ² PFA (2 spaces minimum) | 1 space/ 100 m ² PFA (2 spaces minimum) |
| gg. | <u>Motor servicing facility</u> | 2.5 spaces/ workbay | 1 space/ workbay |
| hh. | Factory shops, <u>retail activities</u> in <u>commercial</u> retail park zones | 18 spaces/ 1000 m ² GLFA | 10% of visitor requirements |
| ii. | Other <u>retail activities</u> or <u>commercial services</u> , if not specified above | 4 spaces/100 m ² GLFA for the first 20,000 m ² GLFA; and 3.3 spaces/100 m ² GLFA for the next 10,000 m ² GLFA; and 3 spaces/100 m ² GLFA thereafter. 3 spaces/100m ² GLFA of any outdoor display area | 0.5 spaces/ 100 m ² GLFA |
| jj. | <u>Service stations</u> | 1 per 100 m ² GLFA | 1 per 100 m ² GLFA |

| | Activity | Car <u>parking spaces</u> | |
|-----|---|---|-------------------------------------|
| | | Residents/ Visitors/ Students | Staff |
| kk. | <u>Spiritual facilities</u> activities | 0 spaces for the first 300 m ² PFA (of the largest room); and 1 space/ 20 m ² PFA (of the largest room) for the next 300m ² ; and 1 space/ 10 m ² PFA (of the largest room) thereafter. | 10% of visitor requirement |
| ll. | <u>Trade suppliers</u> | 1.75 space/ 100 m ² GLFA | 0.25 space/ 100 m ² GLFA |
| mm. | <u>Utilities</u> (that have no permanent staff) | Nil | Nil |
| nn. | <u>Yard-based suppliers</u> | 1 space/ 100 m ² GLFA | 1 space/ 100 m ² GLFA |

Note: Appendix 7.14 contains parking space reduction adjustment factors that can be considered for reducing parking space requirements through the resource consent process.

Table 7.3 – Minimum number of mobility ~~car~~ parking spaces required

| | Total number of car <u>parking spaces</u> being provided (excluding private car <u>parking areas</u> for <u>residential units</u>). | Minimum number of <u>mobility</u> car <u>parking spaces</u> |
|----|---|--|
| a. | 1 – 20 | 1 |
| b. | 21 – 50 | 2 |
| c. | > 50 | 2 for the first 50 car <u>parking spaces</u> + 1 additional <u>mobility</u> car <u>parking spaces</u> for every additional 50 car <u>parking spaces</u> |

- k. Rule 7.4.2.1 requires all buildings with a GFA greater than 2,500 m² to provide mobility parking spaces, even if no other parking spaces are provided. If no other car parking spaces are provided, the amount of mobility ~~car~~ parking spaces required shall be calculated by determining how many mobility ~~car~~ parking spaces would be required if one standard parking space per 100 m² GFA were provided.

Table 7.4 – Minimum car parking space dimensions

| | Type of use | Parking angle | Parking stall width (metres) (refer to q) | Aisle width (metres) (refer to Note 4) | Parking stall depth (metres) (refer to r) | Over hang (metres) | Total width (stall depth and aisle width) (metres) |
|----|--|---------------|---|--|---|--------------------|--|
| a. | Long term (refer to Note 1) | 90° | 2.4 | 6.6 | 5.0 | 0.6 | 11.6 |
| b. | Medium term (refer to Note 2) | | 2.5 | 6.4 | | | 11.4 |
| c. | Short term (refer to Note 3) | | 2.6 | 6.2 | | | 11.2 |
| d. | Mobility car parking spaces | | 3.6 | 6.6 | | | 11.6 |
| | | | | | | | |
| e. | Long term (refer to Note 1) | 60° | 2.4 | 5.4 | 5.0 | 0.4 | 10.4 |
| f. | Medium term (refer to Note 2) | | 2.5 | 5.1 | | | 10.1 |
| g. | Short term (refer to Note 3) | | 2.6 | 4.8 | | | 9.8 |
| | | | | | | | |
| h. | Long term (refer to Note 1) | 45° | 2.4 | 4.5 | 5.0 | 0.4 | 9.5 |
| i. | Medium term (refer to Note 2) | | 2.5 | 4.2 | | | 9.2 |
| j. | Short term (refer to Note 3) | | 2.6 | 3.9 | | | 8.9 |
| | | | | | | | |
| l. | Long term (refer to Note 1) | 30° | 2.3 | 4.1 | 4.0 | 0.4 | 8.1 |
| m. | Medium term (refer to Note 2) | | 2.4 | 3.8 | | | 7.8 |

| | Type of use | Parking angle | Parking stall width (metres) (refer to q) | Aisle width (metres) (refer to Note 4) | Parking stall depth (metres) (refer to r) | Over hang (metres) | Total width (stall depth and aisle width) (metres) |
|----|--|---------------|---|--|---|--------------------|--|
| n. | Short term (refer to Note 3) | | 2.5 | 3.5 | | | 7.5 |
| | | | | | | | |
| o. | Mobility car parking spaces | Parallel | 3.6 | 3.3 (one way) 5.5 (two way) | 6.1 | | |
| | | | | | | | |
| p. | All users | Parallel | 2.0 | 3.3 (one way) 5.5 (two way) | 6.1 | | |

- l. Stall widths shall be increased by 300 millimetres where they abut permanent obstructions such as a wall, column or other permanent obstruction. Where there is such an obstruction on both sides of a [parking space](#) the minimum width shall be increased by 600mm.
- m. The stall depth may be reduced by the corresponding overhang length if a low kerb allows overhang, but this overhang shall not encroach any pedestrian facilities or required landscape areas.

Notes:

1. Long term parking: generally all day parking.
2. Medium term parking: generally two to four hour parking.
3. Short term parking: generally two hour parking or less.
4. Aisle widths for 90° parking allow for two-way operation. If not otherwise specified, all other aisle widths are given for one-way operation with forward entry to spaces.
5. Design guidance for [parking areas](#) in [buildings](#) may be obtained from the *New Zealand Building Code D1/AS1: Access Routes* or *Australian/New Zealand Standard Offstreet Parking, Part 1: Car Parking Facilities, AS/NZS 2890.1:2004*, and any subsequent amendments. Compliance with the Australian/ New Zealand Standard is recommended, but is not a requirement to achieve permitted activity status.

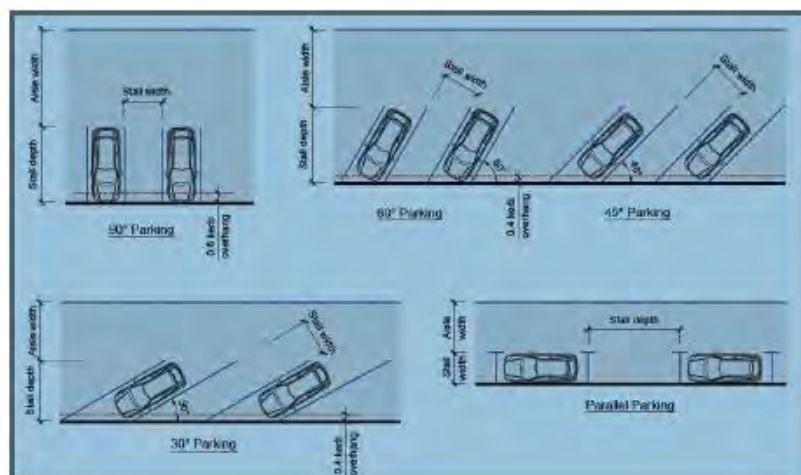


Figure 7.1: Car park dimensions

Appendix 7.2 – Cycle parking facilities

1. Visitor cycle parking facilities shall be provided as follows:
 - a. The number of visitor cycle parks provided on the same [site](#) as the activity shall be at least the minimum number of visitor cycle parks specified in Table 7.5.
 - i. when calculating the overall [cycle](#) parking requirements for an activity the separation of areas into different activities will be required where the GFA of an activity (or PFA or other such measurement that the standards for the relevant activity is based upon) exceeds 10 per cent of the total GFA of the activity. The total [cycle](#) parking requirement for any activity will be the sum of the parking requirements for each area.
 - i. where the calculation of the required [cycle](#) parks results in a fractional space, any fraction that is less than one-half will be disregarded and any fraction of one-half or more will be counted as one space.
 - ii. where an activity falls under the definition of more than one activity in Table 7.5, then the higher [cycle](#) parking requirement shall apply.
 - iii. where an activity does not fall within a particular category, the activity which is closest in definition shall apply.
 - b. Stands shall be securely anchored to an immovable object.
 - c. Stands shall support the bicycle frame and front wheel.
 - d. Stands shall allow the bicycle frame to be secured.
 - e. Cycle parking facilities shall be clearly signposted or visible to cyclists entering the [site](#).
 - f. Cycle parking facilities shall be located so as not to impede pedestrian thoroughfares including areas used by people whose mobility or vision is restricted.
 - g. Cycle parking facilities shall be located so that the bicycle is at no risk of damage from [vehicle movements](#) within the [site](#).

- h. Cycle parking facilities shall be located as close as possible to and no more than 30 metres from at least one main pedestrian public entrance to the building/activity. However, the requirement to provide visitor cycle parking does not apply to a building on a key pedestrian frontage that has no setback from the road frontage, which results in there being no space for the visitor cycle parking to be provided within 30 metres of at least one main pedestrian public entrance. Within the Central City, any activity where the building has no road frontage setback for the entire length of the site visitor cycle parking is not required.
- i. Lighting must comply with the lighting requirements in Rule 7.4.2.6 a.
- j. Stands shall have the minimum dimensions in Figure 7.2 and within the Central City shall be designed to accommodate the turning path of a cycle as shown in Figure 7.2 a.
- k. Cycle parking facilities shall be available during the hours of operation and shall not be diminished by the subsequent erection of any structure, storage of goods, or any other use.

Note: Where there is more than one public entrance to the building, it is recommended that visitor cycle parking is apportioned between the entrances in accordance with their potential usage.

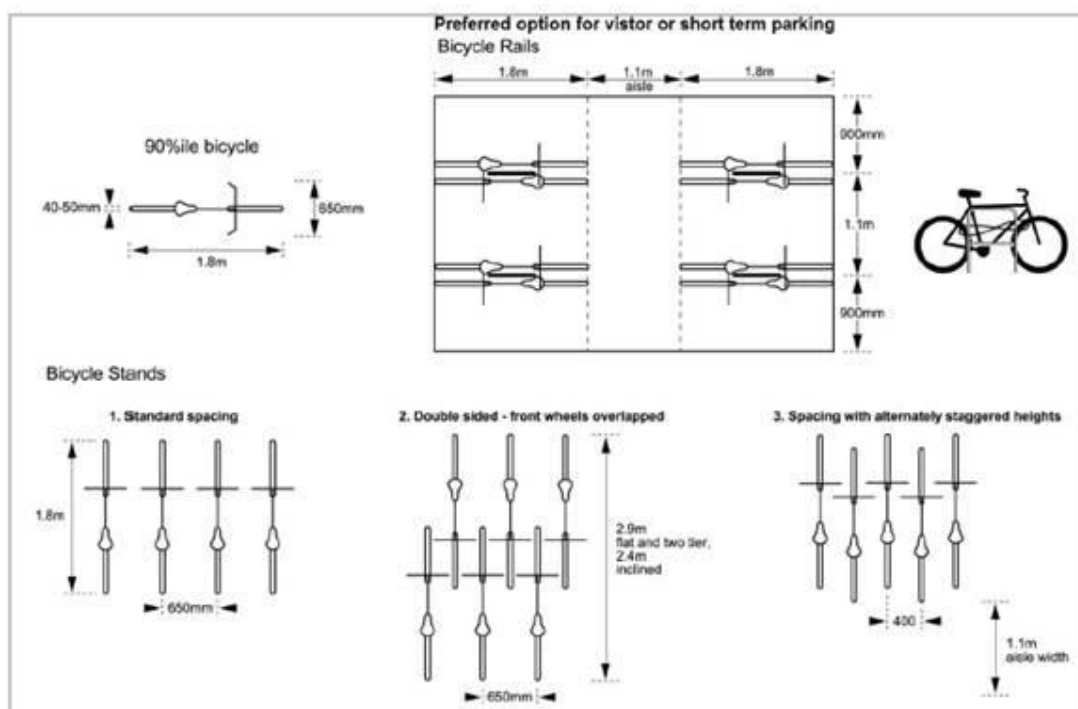


Figure 7.2 – Minimum cycle parking dimensions

- 2. Staff/residents/students cycle parking facilities shall be provided as follows:
 - i. The number of staff/residents/students cycle parks provided shall be at least the minimum number of staff/residents/students cycle parks in Table 7.5. Where an activity does not fall within a particular category, the activity which is closest in definition shall apply. Where the calculation of the required parks results in a fractional space, any fraction that is less than one-half will be disregarded and any fraction of one-half or more will be counted as one space.

- ii. Staff/residents/students cycle parking facilities shall be located so it is easily [accessible](#) for staff, residents or students of the activity, except within the [Central City](#) staff cycle parking may be provided on a [site](#) within 200 metres of the [site](#) on which the activity is undertaken.
- iii. Staff/ residents/ tertiary students' cycle parking facilities shall be located in:
 - A. a covered area; and
 - B. a secure area, unless located in an area where access by the general public is generally excluded.

Note: It is recommended that cycle parking at schools is designed and managed to discourage theft of bicycles.

- iv. Where a stand is provided, it shall meet the visitor cycle parking requirements in (1) except for (e) and (h).
 - v. Outside the [Central City](#), the number of on-site cycle parking end of trip facilities provided shall be at least the minimum number of cycle parking end of trip facilities set out in Table 7.6.
3. [Full time equivalent student](#) numbers for [Tertiary Education and Research Activities](#) shall be assessed annually as of 1 July, and shall be rounded to the nearest 100 FTE students. Any additional cycle facilities required shall be provided within 12 months of the date of assessment.

~~Note: Full time equivalent student means the equivalent number of students based on the number of papers taken to complete a full time course in the normal time, divided by the actual number of students.~~

4. For [sites](#) with activities that existed on 3 September 2010 (i.e. prior to the Canterbury earthquakes of 2010/2011), Table 7.5 shall be applied to the rebuild of that activity, as follows:
- i. For the size of the activity's [building](#) floor area/ scale of the activity that existed on 3 September 2010, Table 7.5 does not apply, as long as the activity provides at least the same amount of on-site cycle parking that existed on 3 September 2010.
 - ii. For any addition to the size of the activity's [building](#) floor area/ scale of the activity that is an increase to what existed on 3 September 2010, Table 7.5 shall apply in respect of the increase.

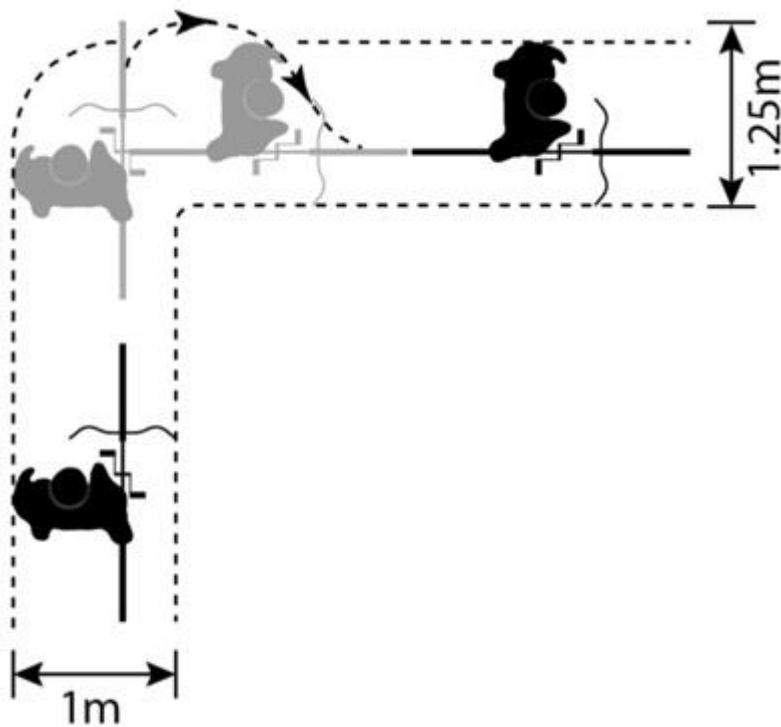
Figure 7.2a – Cycle turning circle - within the Central City

Table 7.5 – Minimum numbers of cycle parks required

| | Activity | Visitor cycle parks (within the Central City visitor spaces can be used by students) | Staff/ residents/ students cycle parks |
|--|---|--|--|
| <u>EDUCATION ACTIVITIES</u> | | | |
| a. | Pre-schools | 1 space/ 10 children (Outside the Central City) 1 space/ 5 children (within the Central City) | 1 staff space/ 3 FTE staff (Outside the Central City) 1 staff space/100 children (within the Central City) |
| b. | Schools | 1 space/ 30 students (year 8 and below) (Outside the Central City) 1 space/ 5 children (within the Central City) 1 space/ 100 students (year 9 and above) (Outside the Central City) 3 spaces/ 4 students (within the Central City) | 1 space/ 7 students (year 8 and below) (Outside the Central City) 1 staff space/ 100 students (within the Central City) 1 space/ 5 students (year 9 and above) (Outside the Central City) 1 staff space/ 100 students (within the Central City) |
| c. | Tertiary education and research activities | 1 space/ 100 FTE students (Outside the Central City) 1 space/ 4 FTE students (within the Central City) | 1 staff space/ 4 FTE staff and 1 student space/ 4 FTE students (Outside the Central City) 1 staff space/ 100 FTE students (within the Central City) |
| <u>ENTERTAINMENT ACTIVITIES AND RECREATION FACILITIES</u> | | | |
| d. | Cinemas and theatres (small to medium venues up to 500 seats) | 1 space/ 30 seats | 1 space/ 1 screen |
| e. | Cinemas and theatres (large venues more than 500 seats) | 1 space/ 60 seats | 1 space/ 60 seats |
| f. | Museums and galleries | 1 space/ 200 m ² PFA | 1 space/ 1000 m ² PFA |
| g. | Libraries | 1 space/ 100 m ² PFA | 1 space/ 400 m ² PFA |
| h. | Gymnasiums (for public, or private club use), dance studios | 1 space/ 50 m ² GFA | 1 space/ 600 m ² PFA |
| i. | Sports courts (for public, or private club use) | 1 space/ 150 m ² court area | 1 space/ 500 m ² court area |
| j. | Sports fields (for public, or private club use) | 10 spaces/ ha pitch area | 5 spaces/ ha pitch area |
| k. | Swimming pools (for public, or private club use) | 1 space/ 10 m ² pool area | 1 space/ 500 m ² pool area |

| | Activity | Visitor cycle parks (within the <u>Central City</u> visitor spaces can be used by students) | Staff/ residents/ students cycle parks |
|-------------------------------|--|--|--|
| l. | Other <u>entertainment activities/ recreation facilities</u> , if not specified above | 1 space/ 50 m ² PFA | 10% of visitor requirements |
| m. | Fire stations and ambulance stations | 1 space/ emergency service vehicle bay | 1 space/ emergency service vehicle bay |
| n. | <u>Guest accommodation activities</u> | 1 space/ 20 bedrooms (Outside the <u>Central City</u>) 1 space/ 20 beds (except 1 space/ 30 bedrooms for <u>Hotels</u>) (within the <u>Central City</u>) | 1 space/ 5 FTE staff (Outside the <u>Central City</u>) 1 space/ 80 beds (except 1 space/ 80 bedrooms for <u>Hotels</u>) (within the <u>Central City</u>) |
| <u>HEALTH CARE FACILITIES</u> | | | |
| o. | <u>Hospitals</u> | 1 space/ 1000 m ² GFA | 1 space/ 300 m ² GFA |
| p. | Other <u>health care facilities</u> , if not specified above | 1 space/ 500 m ² GFA | 1 space/ 300 m ² GFA |
| INDUSTRIAL ACTIVITIES | | | |
| q. | <u>Warehousing and distribution activities</u> | 1 space/ 2000 m ² GFA (1 space minimum) | 1 space/ 1000 m ² GFA |
| r. | Other <u>industrial activities</u> if not specified above, <u>high technology industrial activities</u> and <u>heavy industrial activities</u> | 1 space/ 1000 m ² GFA | 1 space/ 500 m ² GFA |
| s. | <u>Offices</u> | 20% of staff requirements (2 spaces minimum) (Outside the <u>Central City</u>) 1 space/ 500m ² GFA (within the <u>Central City</u>) | 1 space/ 150 m ² GFA |
| t. | <u>Quarrying activity</u> and <u>ancillary aggregates--processing activity</u> | Nil | Nil |
| u. | <u>Reserves</u> (if there is not a specified cycle parking requirement in this table for the activity on the <u>reserve</u>) | Nil | Nil |
| RESIDENCES | | | |
| v. | <u>Care facilities</u> (including <u>a care home within a facility</u>) | 1 space/ 50 clients | 1 space/ 30 clients |

| | Activity | Visitor cycle parks (within the <u>Central City</u> visitor spaces can be used by students) | Staff/ residents/ students cycle parks |
|---|---|--|---|
| | components of retirement villages) | | |
| w. | <u>Retirement village</u> (excluding <u>a care home within a retirement village</u>) facility components) | 1 space/ 10 units, for developments with 10 or more units | Nil |
| x. | <u>Residential activities</u> provided under EDM and CHRM | Nil | 1 residents' space/dwelling without a <u>garage</u> |
| y. | <u>Social housing complex</u> | 1 space/ 10 units, for developments with 10 or more units | 1 residents' space/dwelling without a <u>garage</u> |
| z. | <u>Student hostel accommodation</u> | 1 space/ 10 beds | 1 space/ 3 beds |
| aa. | Other <u>residential activities</u> , if not specified above | 1 space/ 20 units for developments with 20 or more units | 1 space/ dwelling without a <u>garage</u> |
| <u>RETAIL ACTIVITIES AND COMMERCIAL SERVICES</u> | | | |
| bb. | <u>Commercial services</u> | 1 space/ 500 m ² GFA | 1 space/ 200 m ² GFA |
| cc. | Factory shops, <u>retail activities</u> in commercial retail park zones | 1 space/ 1000 m ² GLFA | 1 space/ 750 m ² GLFA |
| dd. | <u>Food and beverage outlets</u> | 1 space/ 300 m ² PFA (Outside the <u>Central City</u>) 1 space/ 125m ² PFA (within the <u>Central City</u>) | 1 space/ 100 m ² PFA (2 spaces minimum) (Outside the <u>Central City</u>) 1 space/ 400m ² PFA (within the <u>Central City</u>) |
| ee. | Other <u>retail activities</u> , if not specified above | 1 space/ 300 m ² GLFA (Outside the <u>Central City</u>) 1 space/ 350m ² GLFA (within the <u>Central City</u>) | 1 space/ 750 m ² GLFA (Outside the <u>Central City</u>) 1 space/ 200m ² GLFA (within the <u>Central City</u>) |
| ff. | <u>Service stations</u> | 1 space/ 1000 m ² GLFA | 1 space/ 750 m ² GLFA |
| gg. | <u>Spiritual</u> facility <u>activities</u> | 1 space/ 100 m ² PFA | 10% of visitor requirement |
| hh. | <u>Trade suppliers</u> | 1 space/ 1000 m ² GLFA | 1 space/ 750 m ² GLFA |
| ii. | <u>Utilities</u> (that have no permanent staff) | Nil | Nil |
| jj. | <u>Yard-based suppliers</u> | 1 space/ 1000 m ² GLFA | 1 space/ 750 m ² GLFA |

Table 7.6 - Minimum number of cycle parking end of trip facilities required for Commercial activities, Tertiary education and research activities and Hospitals

| | Number of staff cycle parks required | Number of end of trip facilities required |
|------------------|--------------------------------------|--|
| a. kk | 1 - 10 | None |
| b. ll | 11 - 100 | 1 shower ¹ per every 10 ² staff cycle parks required 1 locker ³ per every staff cycle park provided |
| c. mm | > 100 | 10 showers ¹ for the first 100 staff cycle parks required + 2 showers ¹ for each additional 50 ² staff cycle parks required 1 locker ³ per every staff cycle park provided |

¹ Showers only need to be shown on building consent plans. If the activity requires a resource consent, the location and design of any required showers do not need to be shown at that stage as long as the application states the number of showers proposed to be provided.

² Where the calculation of the required showers results in a staff cycle space value that is not a round number of 10, any value that is 4 or less will be disregarded and any value 5 or more will be counted as one shower.

³ The minimum internal dimensions of a single locker shall be: height - 85 centimetres, depth - 45 centimetres, width - 20 centimetres

Appendix 7.3 – Loading areas

- a. The minimum number of on-site loading spaces provided shall be in accordance with Table 7.7. Where an activity does not fall within a particular category, the activity which is closest in definition shall apply. Where the calculation of the required loading space results in a fractional space, any fraction that is less than one-half will be disregarded and any fraction of one-half or more will be counted as one space.
 - i. The loading space requirements listed in Table 7.7 are categorised by activity. When calculating the overall loading space requirements for an activity the separation of areas into different activities will be required where the GFA of an activity (or PFA or other such measurement that the standards for the relevant activity is based upon) exceeds 10 per cent of the total GFA of the activity. The total loading space requirement for any activity will be the sum of the loading space requirements for each area.
 - ii. Where an activity falls under the definition of more than one activity in Table 7.7, then the higher loading space requirement shall apply.
 - iii. Any space required for loading, other than for a residential activity, fire stations and ambulance stations, shall be available during the hours of operation and shall not be diminished by the subsequent erection of any structure, storage of goods, or any other use.
 - iv. Full time equivalent student numbers for Tertiary Education and Research Activities shall be assessed annually as of 1 July, and shall be rounded to the nearest 100 FTE students. Any additional loading spaces required shall be provided within 12 months of the date of assessment.

~~Note: Full-time equivalent student means the equivalent number of students based on the number of papers taken to complete a full time course in the normal time, divided by the actual number of students.~~
 - v. For sites with activities, listed under Rule 7.4.2.3(a), that existed on 3 September 2010 (i.e. prior to the Canterbury earthquakes of 2010/2011), Table 7.7 shall be applied to the rebuild of that activity, as follows:
 - A. For the size of the activity's building floor area/ scale of the activity that existed on 3 September 2010, Table 7.7 does not apply, as long as the activity provides at least the same amount of on-site loading spaces that existed on 3 September 2010.
 - B. For any addition to the size of the activity's building floor area/ scale of the activity that is an increase to what existed on 3 September 2010, Table 7.7 shall apply in respect of the increase.
 - vi. Within the Central City, no loading is required where a suitable on- or off-street loading facility is provided within 50 metres of any part of the site and the route between the loading facility and the site does not require crossing any road. Use of an off-street loading facility on a separate site by an activity must be protected for the use of that activity (and any future activity on the site) by an appropriate legal instrument. A copy of the appropriate legal instrument shall be provided to Council for its records.

Table 7.7 – Minimum numbers of loading spaces required

| | Activity | Number of <u>heavy vehicle</u> bays to be provided | Number of 99 percentile vehicle bays to be provided |
|--|---|--|---|
| <u>EDUCATION ACTIVITIES:</u> | | | |
| i. | Schools and <u>pre-schools</u> | With 100 or more students: 1 bay | With 20 students or more, but less than 100: 1 bay With 100 or more students: 1 bay/100 students |
| ii. | <u>Tertiary education and research activities</u> | 1 bay per <u>site</u> | 1 bay/100 FTE students |
| <u>ENTERTAINMENT ACTIVITIES AND RECREATION FACILITIES:</u> | | | |
| iii. | Cinemas | 1 bay per cinema complex | Nil |
| iv. | Theatres | 1 bay per theatre | Nil |
| v. | <u>Gymnasium</u> (for public, or private use), dance studios | 1/8,000 m ² GFA | Nil |
| vi. | Sports courts (for public, or private use) | Nil | Nil |
| vii. | Sports fields (for public, or private use) | Nil | Nil |
| viii. | Swimming pools (for public, or private use) | 1 bay/ 2000 m ² <u>pool area</u> | Nil |
| iv. | Other <u>entertainment activities/ recreation facilities</u> , if not specified above | Nil | 1 bay/2000 m ² PFA |
| x. | Fire stations and ambulance stations | 1 bay per <u>site</u> | Nil |
| <u>GUEST ACCOMMODATION ACTIVITIES:</u> | | | |
| xi. | <u>Hotels</u> | 1 bay/ 100 bedrooms (for the first 300 bedrooms, nil thereafter) | 1 bay /50 bedrooms |
| xii. | Other <u>guest accommodation activities</u> , if not specified above | 1 bay/ 100 units or 100 bedrooms, whichever is the greater (for the first 200 units or 200 nil thereafter) | 1 bay/50 units or 50 bedrooms, whichever is the greater |
| <u>HEALTH CARE FACILITIES:</u> | | | |
| xiii. | <u>Hospitals</u> | 1/ bay 8,000 m ² GFA | Nil |

| | Activity | Number of heavy vehicle bays to be provided | Number of 99 percentile vehicle bays to be provided |
|---|---|--|--|
| xiv. | Other health care facilities , if not specified above | Nil | Nil |
| INDUSTRIAL ACTIVITIES: | | | |
| xv. | Warehousing and distribution activities | 1 bay/ 1,000 m ² GFA (up to 2,000 m ² GFA); 1 bay/ 2,000 m ² GFA (for 2,000 m ² – 10,000 m ² GFA); and 1 bay/ 2,750 m ² GFA (after 10,000 m ² GFA). | Nil |
| xvi | Other industrial activities , if not specified above, high technology industrial activities and heavy industrial activities | 1 bay/ 1,000 m ² GFA | Nil |
| xvii. | Offices | 1 bay/ 8,000m ² GFA (up to 16,000 m ² GFA); and 1 bay/ 20,000 m ² GFA (after 16,000 m ² GFA). | 1 bay/ 8,000 m ² GFA |
| xviii. | Public transport interchanges | Nil | Nil |
| xix. | Quarrying activity and ancillary aggregates--processing activity | Nil | Nil |
| xx. | Reserves (if there is not a specified loading requirement in this table for the activity on the reserve) | Nil | Nil |
| RESIDENCES: | | | |
| xxi. | Care facilities | Nil | One for care facilities with more than 20 clients |
| xxii. | Student hostel accommodation | 1 bay per hostel | 1 bay/100 beds |
| xxiii. | Other residential activities , if not specified above | Nil | Nil |
| RETAIL ACTIVITIES AND COMMERCIAL SERVICES: | | | |
| xxiv. | Food and beverage outlets | 1 bay/1000 m ² PFA | Nil |
| xxv. | Other retail activities or commercial services , if not specified above | 1 bay/ 1600 m ² GLFA for the first 6,400 m ² GLFA, and 1/ 5,000 m ² GLFA thereafter. | Nil |

| | Activity | Number of heavy vehicle bays to be provided | Number of 99 percentile vehicle bays to be provided |
|---------|---|--|---|
| xxvi. | Service stations | 1 unmarked bay for fuel deliveries | Nil |
| xxvii. | Spiritual facilities activities | Nil | 1 loading space/ site |
| xxviii. | Trade suppliers | 1 bay/ 1600 m ² GLFA for the first 6,400 m ² GLFA, and 1/ 5,000 m ² GLFA thereafter. | Nil |
| xxix. | Utilities (that have no permanent staff) | Nil | Nil |
| xxx. | Yard-based suppliers | 1 bay/ 1600 m ² GLFA for the first 6,400 m ² GLFA; and 1/ 5,000 m ² GLFA Thereafter. | Nil |

b. Minimum **loading area** dimensions:

- i. A **heavy vehicle** bay shall comply with one of the following vehicle sizes in Table 7.8 (depending on the largest vehicle expected to use the **loading space**). For commercial and industrial **sites** where waste collection occurs internally, a **loading space** and associated **manoeuvring area** large enough to accommodate a medium rigid vehicle must be allowed for.

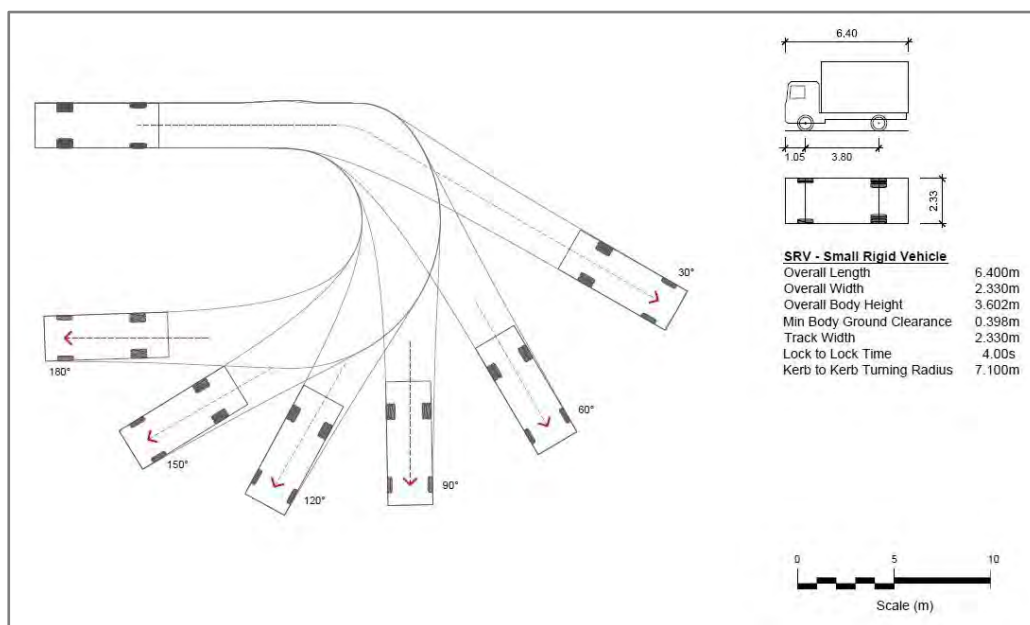
Table 7.8 – **Loading space dimensions for Heavy Vehicle Bays**

| | Largest vehicle expected to use the loading space | Minimum dimensions (metres) | Minimum dimensions (if loading space is parallel to the access to the loading space) (metres) | Associated manoeuvring areas shall be designed to accommodate the minimum turning area shown in: |
|-----|--|-----------------------------|--|---|
| i. | Small rigid vehicle | 3.5 x 6.4 | 3.5 x 8.4 | Figure 7.3 |
| ii. | Medium rigid vehicle | 3.5 x 8.8 | 3.5 x 10.8 | Figure 7.4 |

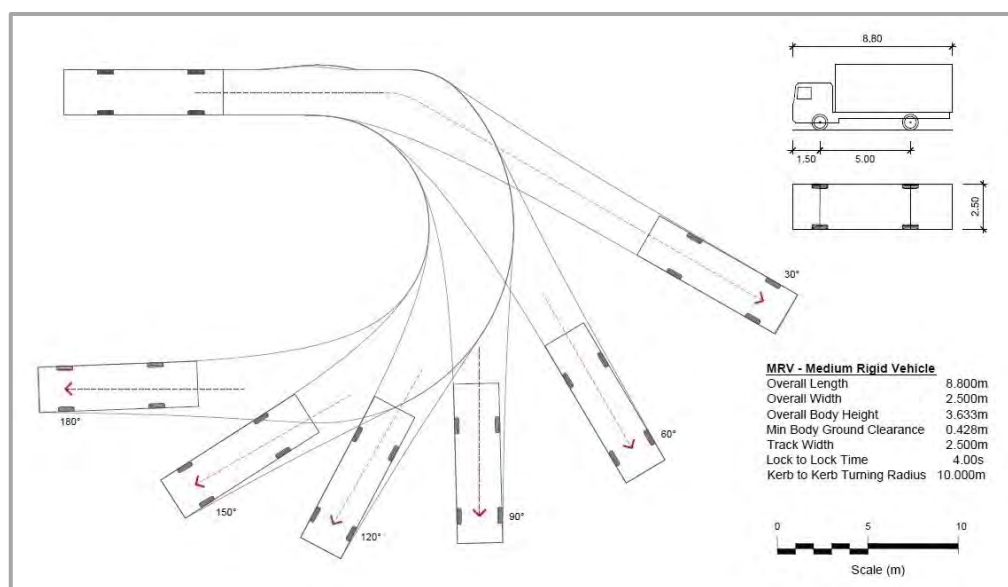
- ii. A 99 percentile vehicle bay shall be designed to the following minimum standards in Table 7.9:

Table 7.9 – Loading space dimensions for 99 percentile vehicle bay

| | Minimum dimensions (metres) | Minimum dimensions (if <u>loading space</u> is parallel to the <u>access to the loading space</u>) (metres) | Associated <u>manoeuvring areas</u> shall be designed to accommodate the minimum turning area shown in: |
|----|-----------------------------|--|---|
| i. | 3.5 x 5.2 | 3.5 x 7.2 | Appendix 7.5 |

**Figure 7.3 – Turning area for Small Rigid Vehicles**

Note: The source of this tracking curve is from Australian Standard Parking Facilities Part 2: Off street commercial vehicle facilities, AS 2890.2:2002

**Figure 7.4 – Turning area for Medium Rigid Vehicles**

Note: The source of this tracking curve is from Australian Standard Parking Facilities Part 2: Off street commercial vehicle facilities, AS 2890.2:2002.

Note:

1. Design guidance for commercial [vehicle access](#) and parking may be obtained from the Australian Standard Parking Facilities Part 2: Off street commercial vehicle facilities, AS 2890.2:2002, and any subsequent amendments. Please note compliance with AS 2890.2:2002 is recommended, but is not a requirement to achieve permitted activity status.

Appendix 7.4 – 85 percentile design motor car

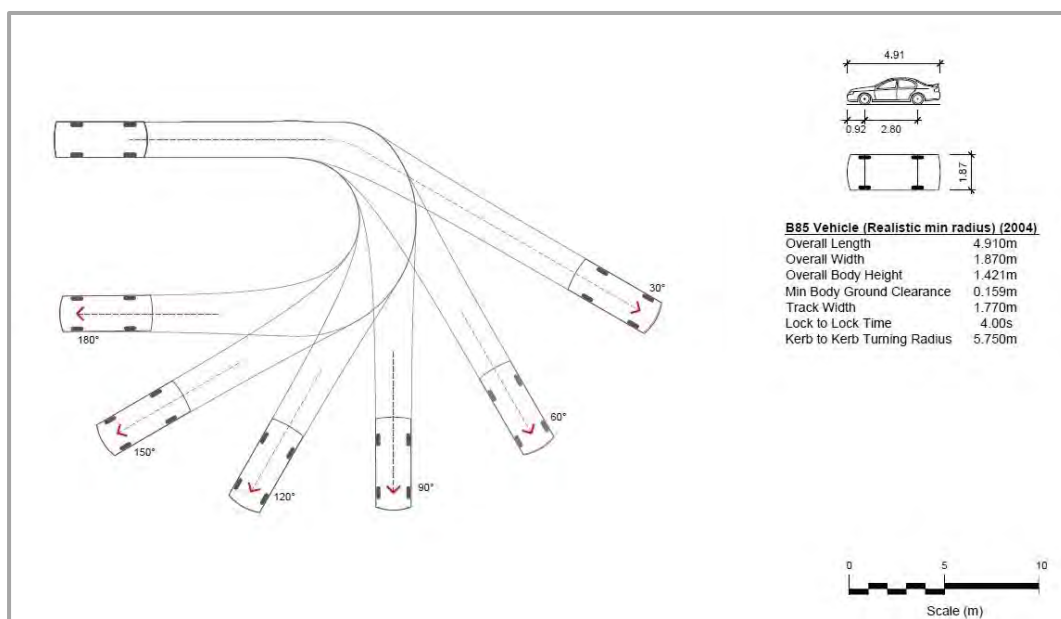


Figure 7.5 – 85 percentile design motor car

Note: The source of this tracking curve is from Australian/New Zealand Standard Offstreet Parking, Part 1: Car Parking Facilities, AS/NZS 2890.1:2004.

Appendix 7.5 – 99 percentile design vehicle

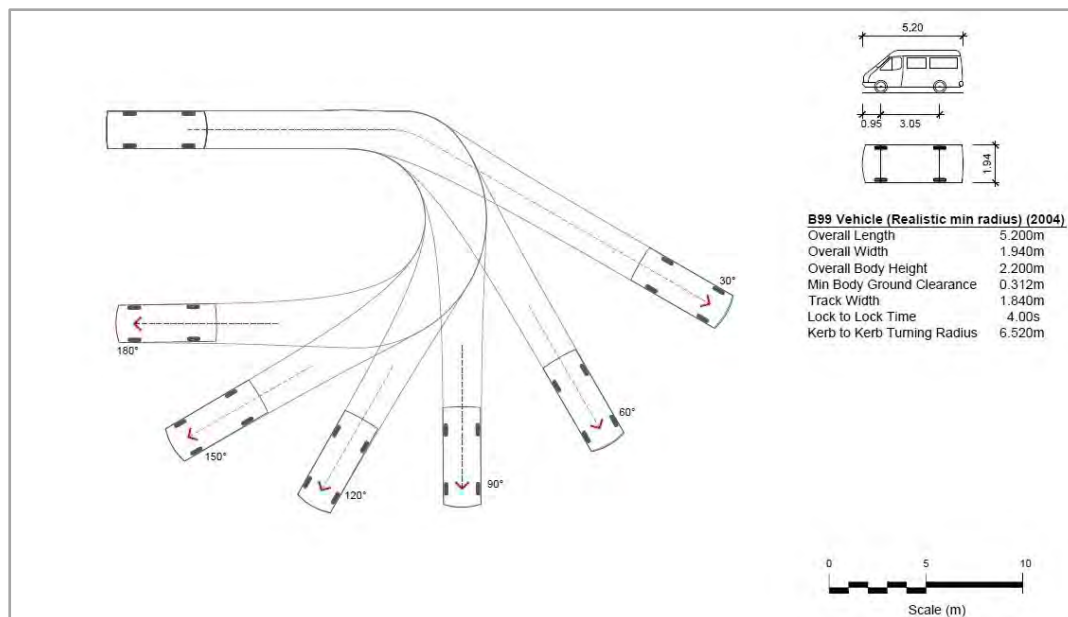


Figure 7.6 – 99 percentile design vehicle

Note: The source of this tracking curve is from Australian/New Zealand Standard Offstreet Parking, Part 1: Car Parking Facilities, AS/NZS 2890.1:2004.

Appendix 7.6 – Manoeuvring for parking areas and loading areas

- Parking spaces shall be located so as to ensure that no vehicle is required to carry out any reverse manoeuvring when moving from any vehicle access to any parking spaces, except for parallel parking spaces.
- Parking spaces and loading spaces shall be located so that vehicles are not required to undertake more than one reverse manoeuvre when manoeuvring out of any parking space or loading space.
- For any activity, the vehicle access manoeuvring area shall be designed to accommodate the 85th percentile design motor car, as specified in Appendix 7.4, as a minimum.

Appendix 7.7 – Access design and gradient

- All vehicle access to and within a site shall be in accordance with the standards set out in Table 7.10 below.
- Any vehicle accesses longer than 50 metres and with a formed width less than 5.5 metres wide shall provide passing opportunities (with a minimum width of 5.5 metres) at least every 50 metres, with the first being at the site boundary.

- c. Where a [vehicle access](#) serves nine or more [parking spaces](#) or [residential units](#) and there is no other pedestrian and/or cycle [access](#) available to the [site](#) then a minimum 1.5 metres wide space for pedestrians and/or cycle shall be provided and the legal width of the [access](#) shall be increased by 1.5 metres.
- d. All [vehicle access](#) to and within a [site](#) in a residential zone shall allow clear visibility above 1 metre for a width of at least 1.5 metres either side of the entrance for at least 2 metres measured from the [road boundary](#).
- e. Where [parking spaces](#) are provided in separate areas, then the connecting [vehicle access](#) between the [parking areas](#) shall be in accordance with the standards in Table 7.10 based on the number of [parking spaces](#) served.
- f. The minimum and maximum widths shall be measured at the [road/property boundary](#) and apply within the [site](#) until the first [vehicle control point](#).
- g. For the purposes of access for firefighting, where a [building](#) is either:
 - i. located in an area where no fully reticulated water supply system is available; or
 - ii. located further than 75 metres from the nearest [road](#) that has a fully reticulated water supply system including hydrants (as required by NZS 4509:2008),

[vehicle access](#) shall have a minimum formed width of 3.5 metres and a height clearance of 4 metres. Such [vehicle access](#) shall be designed to be free of obstacles that could hinder access for [emergency](#) service vehicles.
- h. In car park [buildings](#) there shall be a vertical clearance of not less than 2.5m above car park spaces for people whose mobility is restricted, and along the full length of any [accessible](#) route providing vehicular [access](#) to those car [parking spaces](#).
- i. Where a mix of activities is proposed, the largest relevant dimension is applicable.
- j. [Emergency service facilities](#) do not need to comply with the maximum [formed](#) width, unless located on a [key pedestrian frontage](#).
- k. In [Central City](#), height refers to the minimum clear height from the surface of the formed [access](#).

Notes:

- 1. See Rule 7.4.2.4 for when onsite manoeuvring is required.
- 2. The difference between minimum formed width and minimum legal width may be utilised for planting.

Table 7.10 – Minimum requirements for private ways and vehicle access

| | Activity | Number of marked <u>parking spaces</u> provided (For <u>residential activities</u> , the number of <u>residential units</u>) | Minimum legal width (metres) | Minimum formed width (metres) (refer to a) | Maximum formed width (metres) | <u>Central City</u> Height (metres) |
|------|--|---|------------------------------|--|-------------------------------|-------------------------------------|
| i. | <u>Residential activity</u> and <u>offices</u> | 1 to 3 | 3.0 (refer to iii) | 2.7 | 4.5 | 3.5 |
| ii. | <u>Residential activity</u> and <u>offices</u> | 4 to 8 | 3.6 (refer to iii) | 3.0 | 6.0 | 4.0 |
| iii. | <u>Residential activity</u> and <u>offices</u> | 9 to 15 | 5.0 (refer to ii and iii) | 4.0 | 6.0 | 4.0 |
| iv. | All other activities | 1 to 15 ¹ | 5.0 (refer to ii) | 4.0 | 7.0 | 4.0 |
| v. | All activities | More than 15 | 6.5 (refer to ii) | 5.5 | 9.0 | 4.0 |

¹ Any activity that has 1 to 15 parking spaces, but requires a swept path of 9 metres for a large vehicle, shall comply with row v. unless located on a Key Pedestrian Frontage.

Any access located on a Central City ‘Active Frontage and Verandas’ as shown on the pPlanning mMaps shall have a maximum formed width of 7 metres.

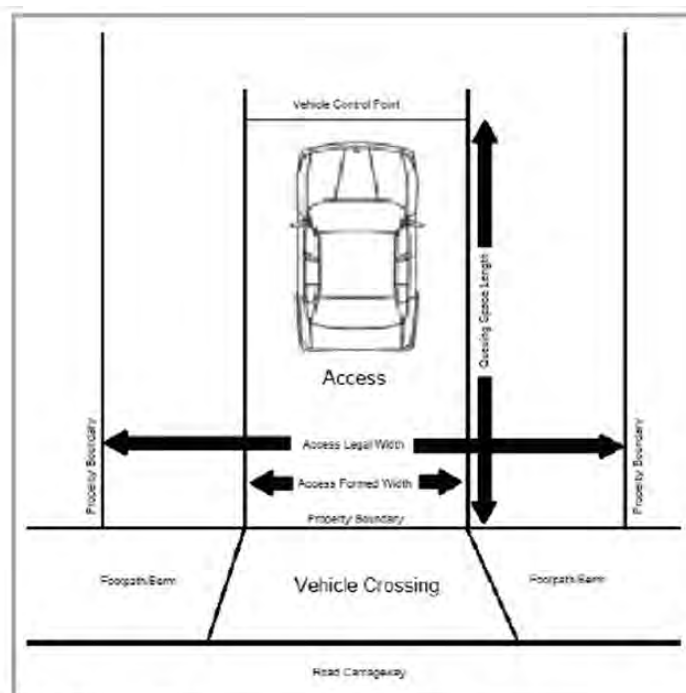


Figure 7.7- Explanation of the Location of Access Design Standards

- l. The maximum gradient at any point on a [vehicle access](#) shall be in accordance with Table 7.11, except a maximum gradient of 1 in 5 (minimum 4.0 metres long transition ramps for a change of grade 1 in 8 or greater) shall apply for [accesses](#) that are identified in a (vi).

Table 7.11 – Maximum gradients for [vehicle access](#)

Straight Ramps – Private car ~~park~~[parking areas](#) or [residential activities](#)

| Length | Gradient |
|------------------------------|--------------|
| Up to 20 metres ¹ | 1 in 4 (25%) |
| More than 20 metres | 1 in 5 (20%) |

Straight Ramps – All other ~~Car~~[car parking areas](#)

| Length | Gradient |
|---------------------|----------------|
| Up to 20 metres | 1 in 5 (20%) |
| More than 20 metres | 1 in 6 (16.7%) |

¹ For [access](#) to 1 or 2 car ~~parking~~[parking spaces](#) the maximum gradients can be 1 in 4 (25%) for any length

- m. The maximum change in gradient without a transition shall be no greater than 1 in 8 (12.5%). Changes of grade of more than 1 in 8 (12.5%) shall be separated by a minimum transition length of 2 metres (see Figure 7.8 for an example).

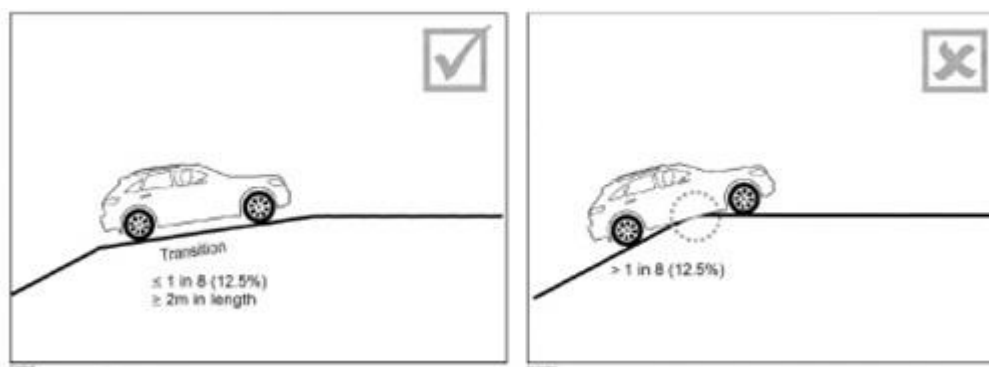


Figure 7.8 Example of correct and incorrect [vehicle access](#) gradient transition.

- n. Where the gradient exceeds 1 in 10 (10%) the [vehicle access](#) is to be sealed with a surface that enables safe access in wet or icy conditions.
- o. Where a [vehicle access](#) serves more than six car [parking spaces](#) (or more than six [residential units](#)) and a footpath is provided on the [frontage road](#), the gradient of the first 4.5 metres measured from the [road boundary](#) into the [site](#) shall be no greater than 1 in 10 (10%) (see Figure 7.9 for an example).

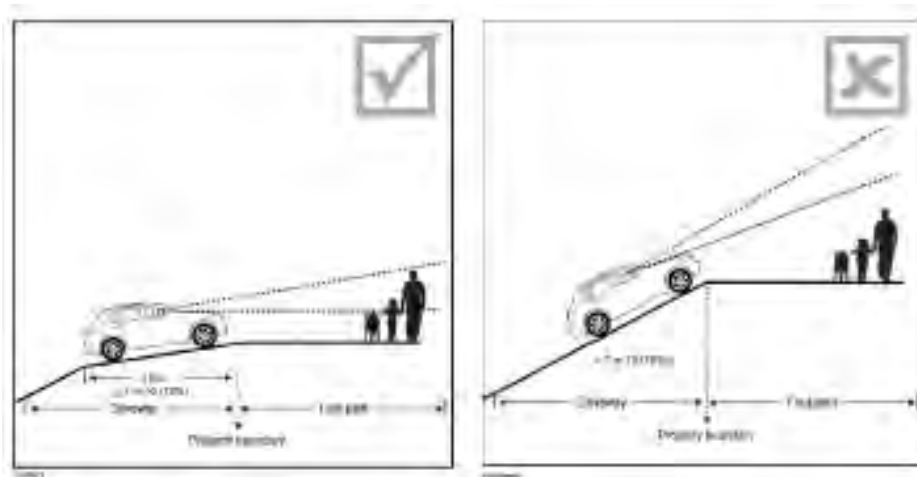


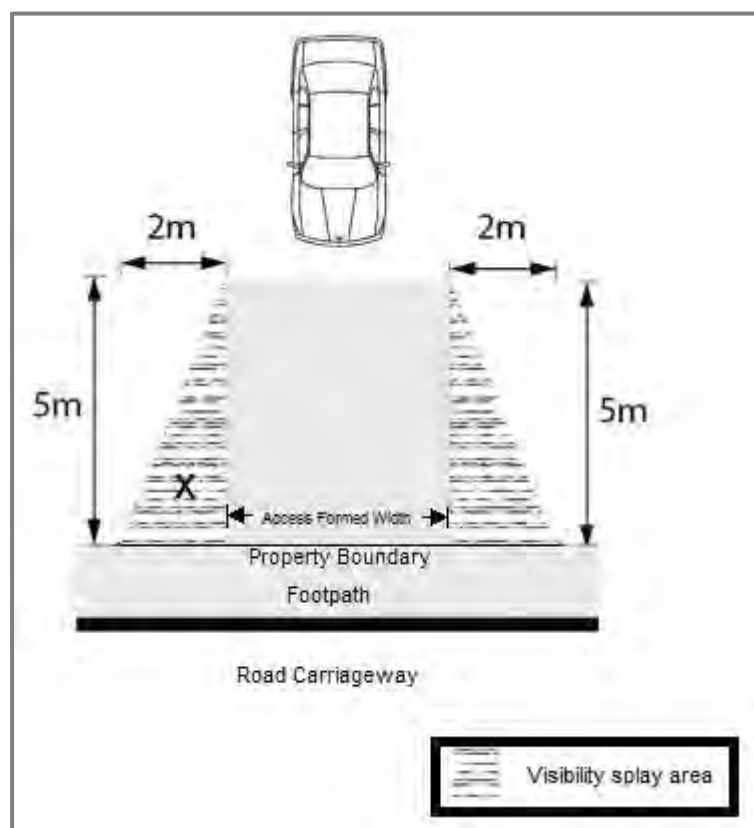
Figure 7.9 – Example of correct and incorrect [vehicle access](#) gradients in relation to footpaths.

Appendix 7.8 – [Queuing spaces](#)

- a. On-site [queuing spaces](#) shall be provided for all vehicles entering a [parking area](#) or [loading area](#) in accordance with Table 7.12.
- b. [Queuing spaces](#) shall be available during hours of operation.
- c. Where the [parking area](#) has more than one [access](#), the number of [parking spaces](#) may be apportioned between the [accesses](#) in accordance with their potential usage for the calculation of the [queuing space](#).
- d. [Queuing space](#) length shall be measured from the [road boundary](#) to the nearest [vehicle control point](#) or point where conflict with vehicles already on the [site](#) may arise (see Figure 7.7).

Table 7.12 – Queuing spaces

| | | Minimum <u>queuing space</u> (metres), if <u>access</u> serves: | |
|------|---|--|---|
| | Number of <u>parking spaces</u> provided (For <u>residential activities</u> – the number of <u>residential units</u>) | Car <u>parking spaces</u> accessed from <u>local roads</u> and <u>collector roads</u> and local distributor <u>roads</u> | Car <u>parking spaces</u> accessed from main distributor <u>roads</u> and <u>arterial roads</u> |
| i. | 4 – 10 | 0 | 6.0 |
| ii. | 11 – 20 | 6.0 | 12.0 |
| iii. | 21 – 50 | 12.0 | |
| iv. | 51 – 100 | 18.0 | |
| v. | 101 – 150 | 18.0 | |
| vi. | 151 or over | 24.0 | |

Appendix 7.9 – Visibility splay**Figure 7.10 – Visibility splay measurement**

- a. The visibility splay areas (as shown on Figure 7.10) are to be kept clear of obstructions in all cases for visibility reasons. Landscaping or other features may be contained within the visibility splay areas, as long as it does not exceed 0.5 metres in height.
- b. If the access is 4.5 metres wide or greater, and the access provides for two-way traffic flow, then there is no requirement to provide a visibility splay on the side of the access marked with an 'X' in Figure 7.10.

Appendix 7.10 – Design of rural vehicle crossings

- a. Design for vehicle crossings on arterial roads and collector roads with a speed limit of 70km/hr or greater shall comply with the relevant figure in accordance with Table 7.13.

Table 7.13 – Design of rural vehicle crossings

| | <u>Heavy vehicle movements</u> per week | Volume of traffic using the <u>vehicle crossing</u> per day | Is the <u>vehicle crossing</u> located on a state highway? | Which figure to use for <u>vehicle crossing</u> design |
|----|---|---|--|--|
| a. | ≤ 1 | 1 – 30 | No | 7.11 |
| b. | ≤ 1 | 1 – 30 | Yes | 7.13 |
| c. | ≤ 1 | 31 – 100 | Yes or No | 7.13 |
| d. | > 1 | 1 – 30 | Yes or No | 7.12 |
| e. | > 1 | 31 – 100 | Yes or No | 7.13 |

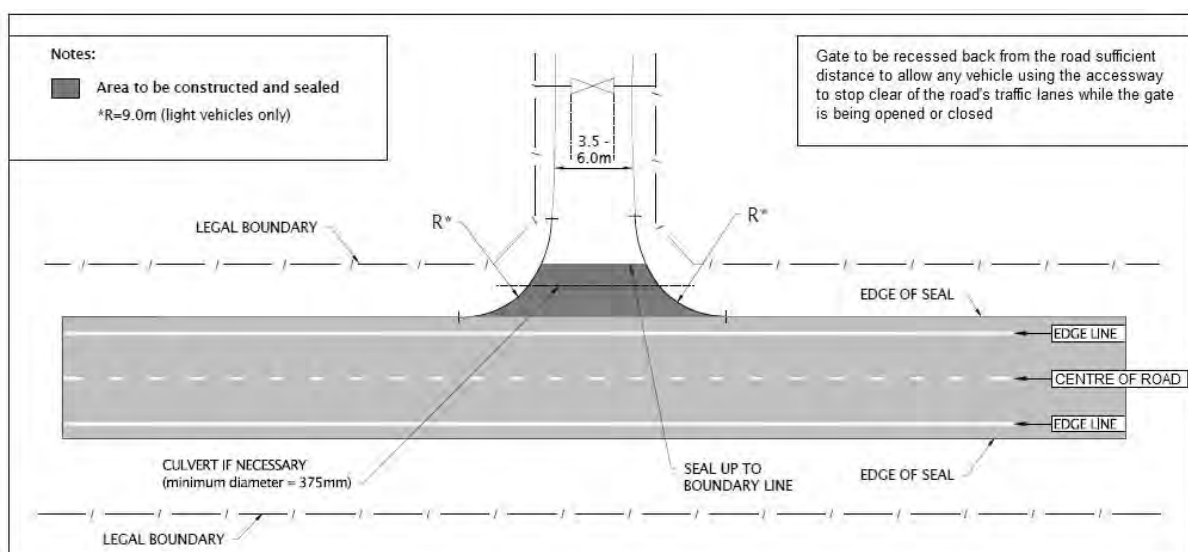
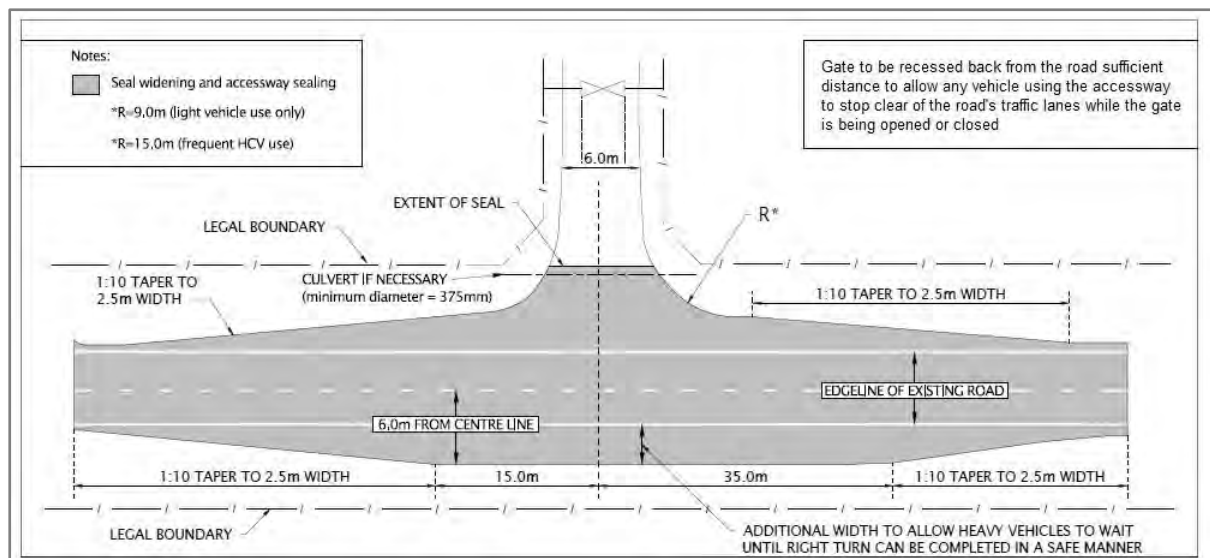
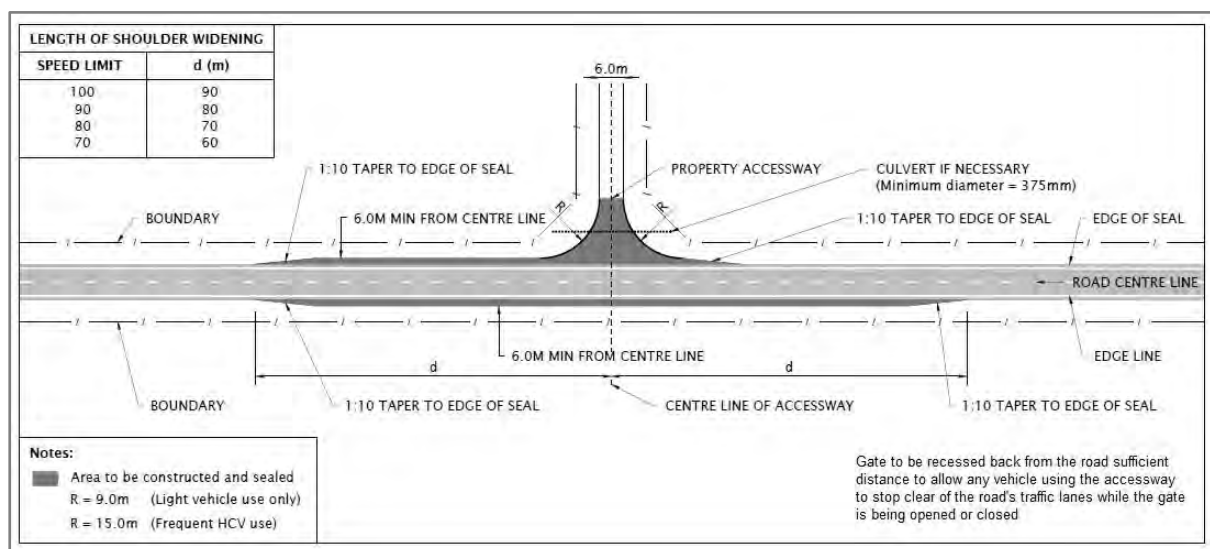


Figure 7.11 Design of rural vehicle crossings without shoulder widening

Figure 7.12 Design of special use rural [vehicle crossings](#)Figure 7.13 Design of rural [vehicle crossings](#) with shoulder widening

Notes:

1. R – radius
2. HCV = Heavy commercial vehicle (see '[heavy vehicle](#)' for definition)

Appendix 7.11 – Standards for the location of vehicle crossings

- a. Vehicle crossings to a frontage road with a speed limit of 70 Km/hr or greater shall have a minimum spacing to an adjacent vehicle crossing on the same side of the frontage road, on the same or an adjacent site, in accordance with the minimum distances set out in Table 7.14.

Table 7.14 – Minimum distance between vehicle crossings (distance in metres)

| | Type of <u>road frontage</u> | | | |
|------|--|----------|-----------|-------|
| | Frontage <u>road</u> speed limit (km/h) | Arterial | Collector | Local |
| i. | 70 | 40 | 40 | 40 |
| ii. | 80 | 100 | 70 | 50 |
| iii. | 90 | 200 | 85 | 65 |
| iv. | 100 | 200 | 105 | 80 |

- b. Where the boundaries of a site do not enable any vehicle crossing to conform to the above distances, a single vehicle crossing for the site may be constructed in the position which most nearly complies with the provisions of Table 7.14.
- c. The maximum number of vehicle crossings permitted on each road frontage of any site shall be in accordance with Table 7.15 a. (outside the Central City) and Table 7.15 b. (within the Central City).

Table 7.15 a – Maximum number of vehicle crossings outside the Central City

| | Type of <u>road frontage</u> | | | |
|------|------------------------------------|--|--------------------------------------|--------------------------------------|
| | <u>Frontage</u> length (metres) | <u>Local road and</u> <u>collector road</u> | <u>Minor arterial</u> <u>road</u> | <u>Major arterial</u> <u>road</u> |
| i. | 0 – 16 | 1 | 1 | 1 |
| ii. | > 16 – 60 | 2 | 1 | 1 |
| iii. | > 60 – 100 | 2 | 2 | 1 |
| iv. | > 100 | 3 | 2 | 2 |

Table 7.15 b – Maximum number of vehicle crossings within Central City

| | Type of <u>road</u> frontage | | | |
|------|------------------------------|--|----------------|-------------------|
| | <u>Frontage</u> length (m) | Inner Core Streets (See Figure 7.13i) | Arterial Route | All other streets |
| i. | 0 – 16 | 1 | 1 | 1 |
| ii. | > 16 – 60 | 1 | 1 | 2 |
| iii. | > 60 – 100 | 1 | 1 | 2 |
| iv. | > 100 | 2 | 2 | 2 |

- d. Any part of a vehicle crossing shall not be located closer to the intersection of any roads than the distances specified in Table 7.16.a (outside the Central City) and Table 7.16 b (within the Central City).

Table 7.16 a – Minimum distance of vehicle crossings from intersections outside of the Central City

| | Speed limit < 70 km/h | | | |
|------|--|----------------------|-----------------------|-------------------|
| | Intersecting <u>road</u> type (distance in metres) | | | |
| | <u>Frontage road</u> | <u>Arterial road</u> | <u>Collector road</u> | <u>Local road</u> |
| i. | <u>Arterial road</u> | 30 | 30 | 30 |
| ii. | <u>Collector road</u> | 20 | 20 | 10 |
| iii. | <u>Local road</u> | 20 | 15 | 10 |
| | Speed limit 70 – 90 km/h | | | |
| | Intersecting <u>road</u> type (distance in metres) | | | |
| | <u>Frontage road</u> | <u>Arterial road</u> | <u>Collector road</u> | <u>Local road</u> |
| iv. | <u>Arterial road</u> | 100 | 100 | 100 |
| v. | <u>Collector road</u> | 45 | 45 | 45 |
| vi. | <u>Local road</u> | 45 | 45 | 45 |
| | Speed limit > 90 km/h | | | |
| | Intersecting <u>road</u> type (distance in metres) | | | |

| | Frontage road | Arterial road | Collector road | Local road |
|-------|-----------------------|----------------------|-----------------------|-------------------|
| vii. | Arterial road | 200 | 200 | 200 |
| viii. | Collector road | 60 | 60 | 60 |
| ix. | Local road | 60 | 60 | 60 |

Table 7.16 b Minimum distance of vehicle crossings from intersections within the Central City

| Intersecting <u>road</u> type (distance in metres) | | | | | |
|--|--------------------------|----------------|---|---|--|
| | Frontage road | Arterial Route | Main Distributor Street | Local Distributor Street | Local Street |
| i. | Arterial Route | 45 | 30 | 30 | 25 |
| ii. | Main Distributor Street | 30 | 30 | 30 | 10 |
| iii. | Local Distributor Street | 30 | 30 outside the Core 15 within the Core | 30 outside the Core 15 within the Core | 10 outside the Core 6 within the Core |
| iv. | Local Street | 15 | 15 outside the Core 10 within the Core | 15 outside the Core 10 within the Core | 10 outside the Core 6 within the Core |

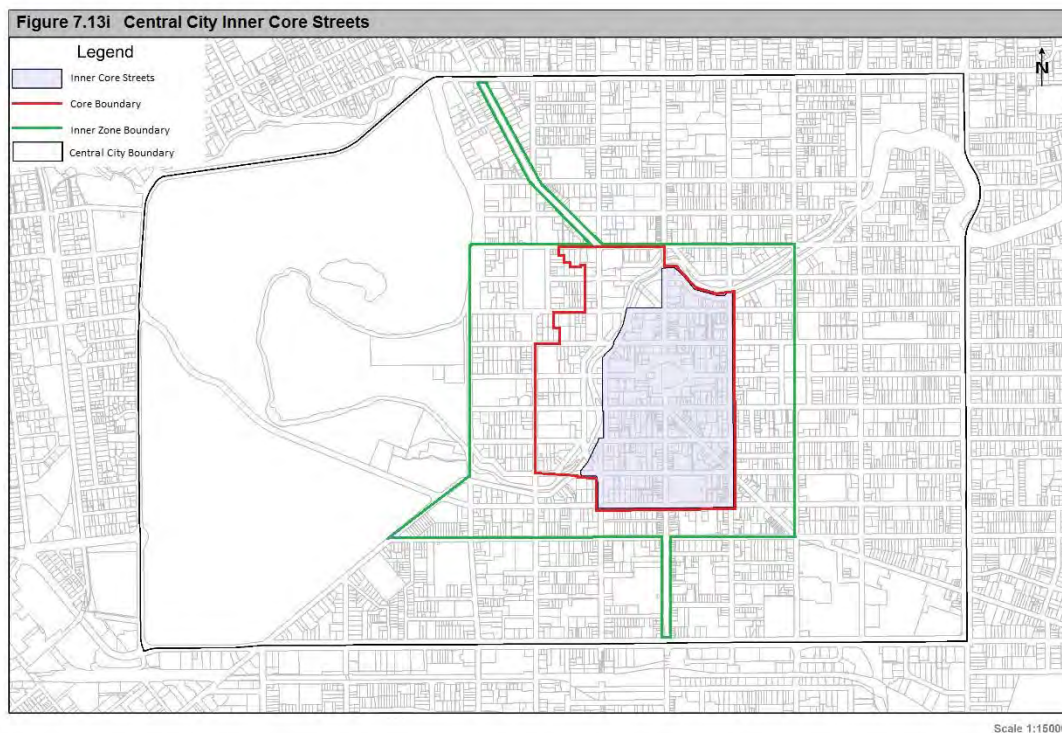


Figure 7.13 i Inner Core Streets

- e. Where the boundaries of a site do not enable any vehicle crossing to conform to the above distances, a single vehicle crossing may be constructed in the position which most nearly complies with the provisions of Table 7.16 a. (outside the Central City) and Table 7.16 b. (within the Central City).
- f. The measurement of the distances between the vehicle crossings and intersections shall be in accordance with Figure 7.14 a. (outside the Central City) and Figure 7.14 b. (within the Central City).

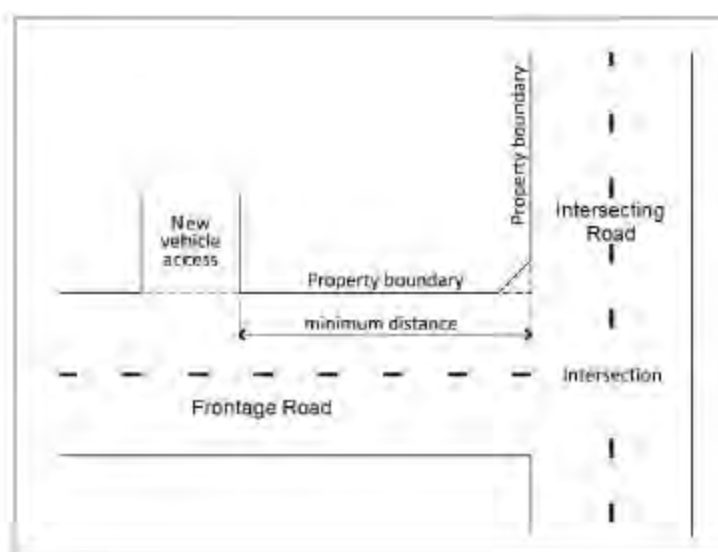


Figure 7.14 a. — Minimum distance of vehicle crossings from intersections outside the Central City

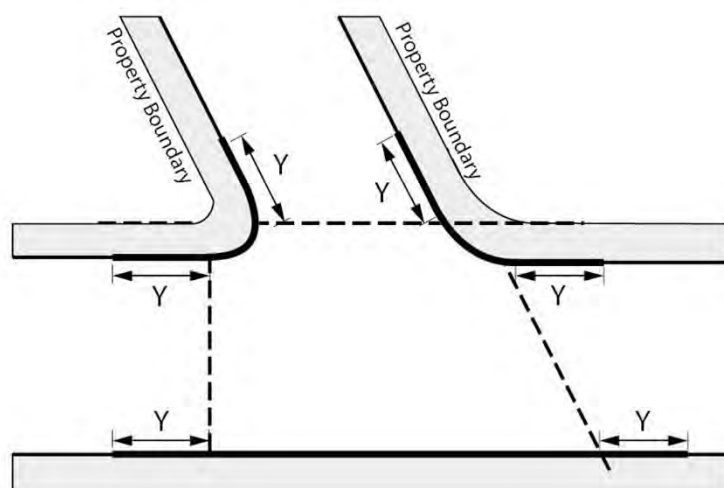


Figure 7.14 b- Minimum distance of vehicle crossings from intersections within the Central City

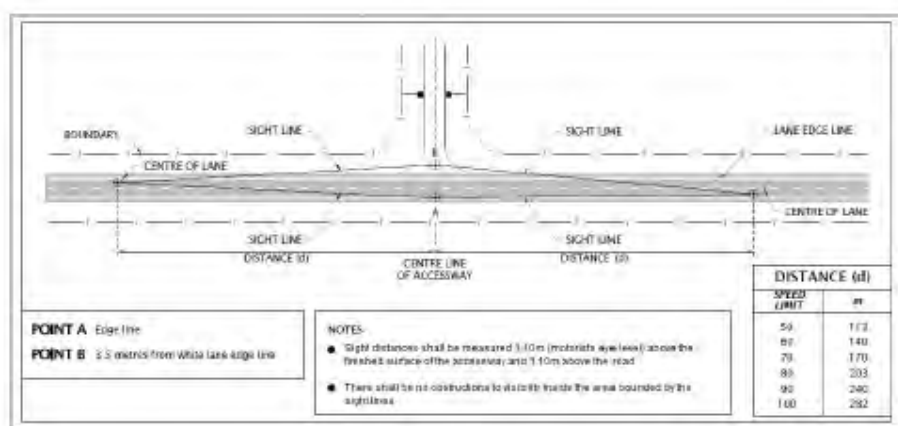


Figure 7.15- Minimum sight lines for vehicle crossing for rural roads

Appendix 7.12 – Road classification system

The purpose of Appendix 7.12 is to outline the Road Classification System, which is used to distinguish [roads](#) into categories, as some of the rules in the [District Plan](#) only apply to some of the [roads](#) in a particular category.

1. Description of the Road Classification System

Functional hierarchy (Movement and Place Functions):

The Road Classification System (based on the Road Classification System adopted in the Christchurch Transport Strategic Plan) presents a dual role for [roads](#) by applying a ‘place’ (land use) function for [roads](#), alongside a ‘movement’ (or link) function.

The Road Classification System in the Christchurch Transport Strategic Plan has been simplified for use in the [District Plan](#). The traditional four ‘movement’ function categories remain ([Major Arterial arterial Road](#), [Minor Arterial-arterial Road](#), [Collector Road](#) and [Local Road](#)) to show the role that the [road](#) plays in moving people and goods around the transport network. Some [roads](#) have changed their classification from the previous District Plans as changes to the network have occurred over the last few years. Within the [Central City](#) the collector category is referred to and further distinguished as Main Distributors and Local Distributors to be consistent with the Christchurch Central Recovery Plan.

In addition to the four ‘movement categories’, four ‘place categories’ now sit within the system to reflect the different ‘place’ requirements: Rural, Industrial, Residential, and Centres. These additions to the categories take into account the surrounding land use, and show the role the [road](#) plays in contributing to the [amenity values](#), identity and public space of the [adjoining](#) area. All of the [Central City](#) is classified as within the centres category. However it is referred to and further distinguished as Outer Zone, Inner Zone and Core to be consistent with the Christchurch Central Recovery Plan.

When the four place types are combined with the four levels of movement function, a two-dimensional array, or ‘matrix’, with 16 potential cells is created. This gives [roads](#) a dual classification, of one ‘place’ function and one ‘movement’ function. This ensures, for example, that [arterial roads](#) in

residential areas are managed differently to reflect their context in a different manner than [arterial roads](#) in industrial areas or [local roads](#) in residential areas.

Use hierarchy (modal networks):

In addition to the functional hierarchy, a [road](#) use hierarchy has also been defined within the Christchurch Transport Strategic Plan. These networks highlight that different modes of transport have different priorities within the network. There are five modal networks defined in the Christchurch Transport Strategic Plan:

- i. the cycle network of major, local and recreational [cycle routes](#) (including on- and off-road [cycle ways](#), and [cycle ways](#) within rail corridors);
- ii. the [core public transport route](#) network;
- iii. the walking network;
- iv. the freight network (including the rail network); and
- v. the [strategic road network](#).

These networks are not specifically shown in the [District Plan](#) as they will be subject to change over time. However, they are an important part of Christchurch's transport network and will be considered as part of the Integrated Transport Assessment process.

In addition to the classification system the Christchurch Transport Strategic Plan highlights the need to manage the [road](#) network more efficiently. The Christchurch Network Management Plan is being developed to guide how the network will be managed based on user priority and the time of day, to reflect the different demands that occur on the networks and the importance of prioritising users during different times of the day.

Note that Appendix 8.6.3 of Chapter 8 contains the standards for new [roads](#).

2. Summary of the Road Classification categories

Each [road](#) will have a dual classification both a 'movement' and 'place' classification (see Figures 7.17 (a-f) for maps of the [road](#) classification). The 'movement' and 'place' function categories are described in Table 7.17.

Table 7.17 Explanation of movement and place categories

| | Movement function category | Explanation |
|----|--------------------------------------|---|
| i. | Major arterial roads | State Highways and key roads in Christchurch District that cater especially for longer trips. Major Arterial-arterial Roads-roads are the dominant elements of the roading network which connect the major localities of the region, both within and beyond the main urban area, and link to the most important external localities. Some major arterials, particularly some state highways, serve an important bypass function within Christchurch District , directing traffic through it to areas beyond. They are managed to minimise adverse effects from access on network efficiency. All motorways within Christchurch District are classified as major arterial roads . |

| | Movement function category | Explanation |
|--|---|---|
| ii. | <u>Minor arterial roads</u> | <u>Roads</u> that provide connections between <u>major arterial roads</u> and the major rural, suburban and industrial areas and <u>commercial centres</u> . Generally, these <u>roads</u> cater for trips of intermediate length. They will generally connect to other <u>minor arterial roads</u> and <u>major arterial roads</u> and to <u>collector roads</u> . <u>Arterial roads</u> provide the most important movement function and as such require the highest degree of movement function protection. They may also define the boundaries of neighbourhood areas. |
| iii. | <u>Collector roads</u> | <u>Roads</u> that distribute and collect local traffic between neighbourhood areas and the <u>Arterial-arterial road</u> network. These are of little or no regional significance, except for the loads they place on the <u>Arterial-arterial road</u> network. They link to the <u>Arterial road</u> network and act as local spine <u>roads</u> , and often as bus routes within neighbourhoods, but generally do not contain traffic signals. Their traffic movement function must be balanced against the significant property <u>access</u> function which they provide. <u>Collector roads</u> within the <u>Central City</u> are known as distributor <u>roads</u> . These <u>roads</u> have a similar 'movement' function to the distributor streets in the <u>Central City</u> , which are shown in the Christchurch Central Recovery Plan. |
| iv. | Main Distributor Streets (within <u>Central City</u> only) | A specific type of <u>collector road</u> which form key movement corridors into the <u>Central City</u> from the surrounding areas. Main Distributor Streets are the second highest order link types within the <u>Central City</u> and form key movement corridors within the <u>Central City</u> from surrounding areas. |
| v. | Local Distributor Streets (within <u>Central City</u> only) | A specific type of <u>collector road</u> which are important for distribution of traffic to parking precincts or provide for public transport movements. Local <u>distributor streets</u> are the third highest order link types and are important for the distribution of traffic to parking precincts, or to provide for public transport movement. |
| vi. | <u>Local roads</u> | All other <u>roads</u> in <u>Christchurch District</u> . These <u>roads</u> function almost entirely for access purposes and are not intended to act as through routes for motor vehicles. |
| Place function category (outside the <u>Central City</u>) | | |
| vii. | Urban (Centres) | Any <u>road</u> that is adjacent to a Commercial Zone. These are the areas which are shown as the Urban (Centres) Place Type on the Road Classification Maps (Figures 7.17(a - f)). |
| viii. | Urban (Industrial) | Any <u>road</u> that is adjacent to an Industrial Zone. These are the areas which are shown as the Urban (Industrial) Place Type on the Road Classification Maps (Figures 7.17(a - f)) ¹ . |
| ix. | Urban (Residential) | All other <u>roads</u> within the existing urban area as defined by Map A of Chapter 6 of the Canterbury Regional Policy Statement, as well as <u>roads</u> that are adjacent to any other Residential Zone in <u>Christchurch District</u> . These are the areas which are shown as the Urban (Residential) Place Type on the Road Classification Maps (Figures 7.17(a - f)). |
| x. | Rural | All <u>roads</u> outside the existing urban area as defined by Map A of Chapter 6 of the Canterbury Regional Policy Statement, except for <u>roads adjoining</u> to any Residential, Industrial, and/or Commercial Zone in <u>Christchurch District</u> . <u>Rural roads</u> are generally the <u>roads</u> classified as rural or semirural in the road classification system in the Christchurch Transport Strategic Plan. |
| Place Function Category (within the <u>Central City</u>) | | |

| | Movement function category | Explanation |
|-------|----------------------------|--|
| xi. | Core | Any road within the core as shown on Figure 7.16 |
| xii. | Inner zone | Any road that is within an area bordered by Kilmore, Madras, St Asaph Streets and the eastern edge of Hayley Park, and also all of Victoria Street, and Colombo Street between St Asaph St and Moorhouse Ave. This area is shown on the Road Classification Map - Figure 7.16. |
| xiii. | Outer zone | Any other road within the Central City . |

¹ If a [road](#) is adjacent to a Commercial Zone on one side of the [road](#) and adjacent to an Industrial Zone on the other side of the [road](#), then the place function is Urban (centres).

Figure 7.16: Central City Road Classification Map

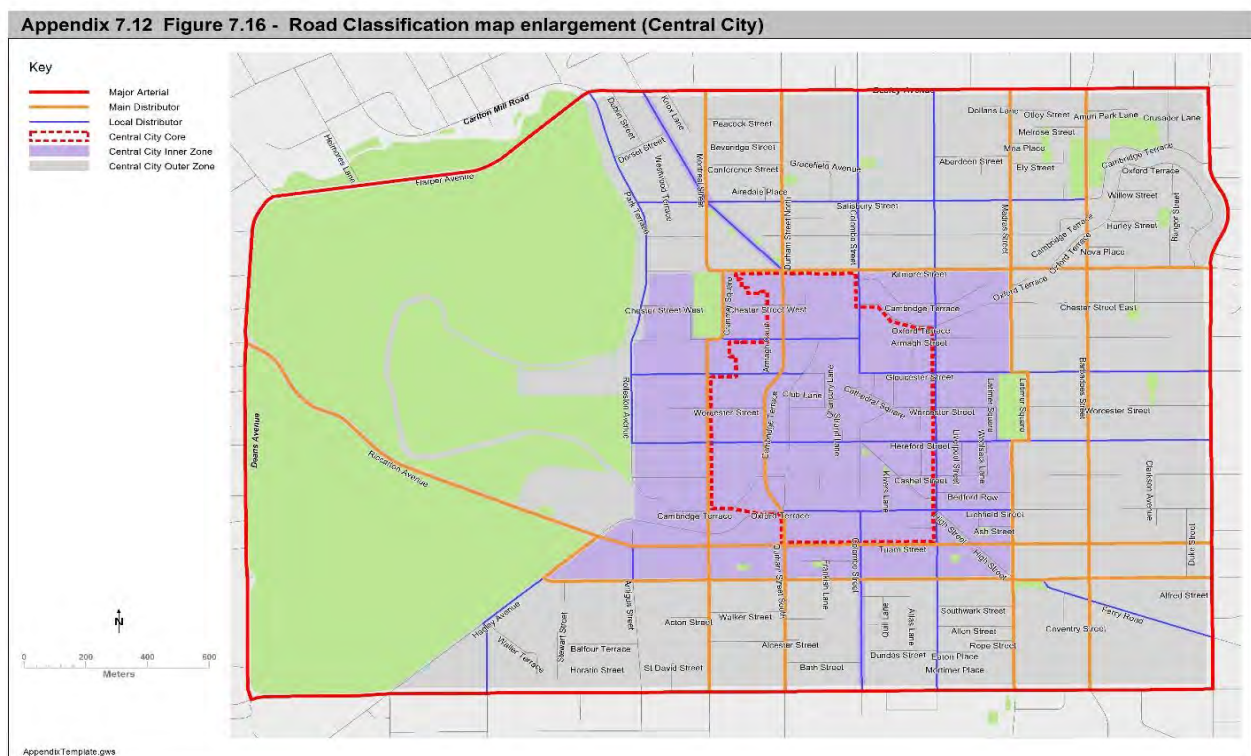
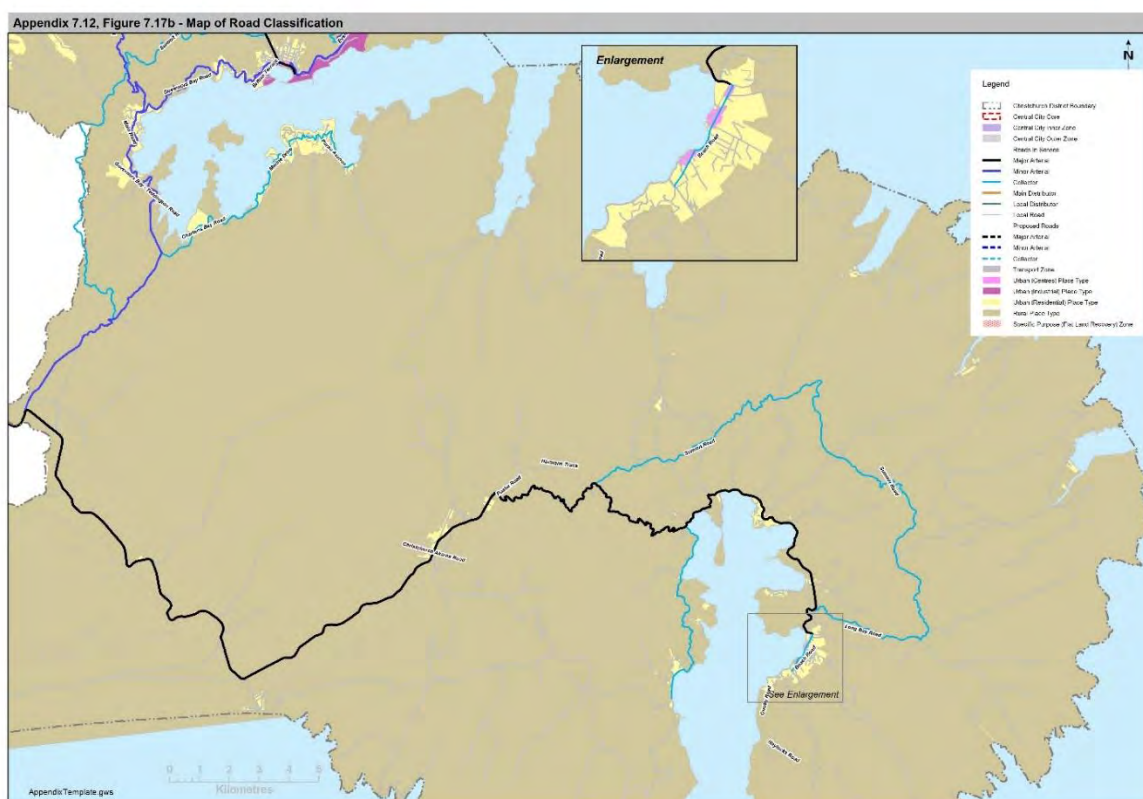
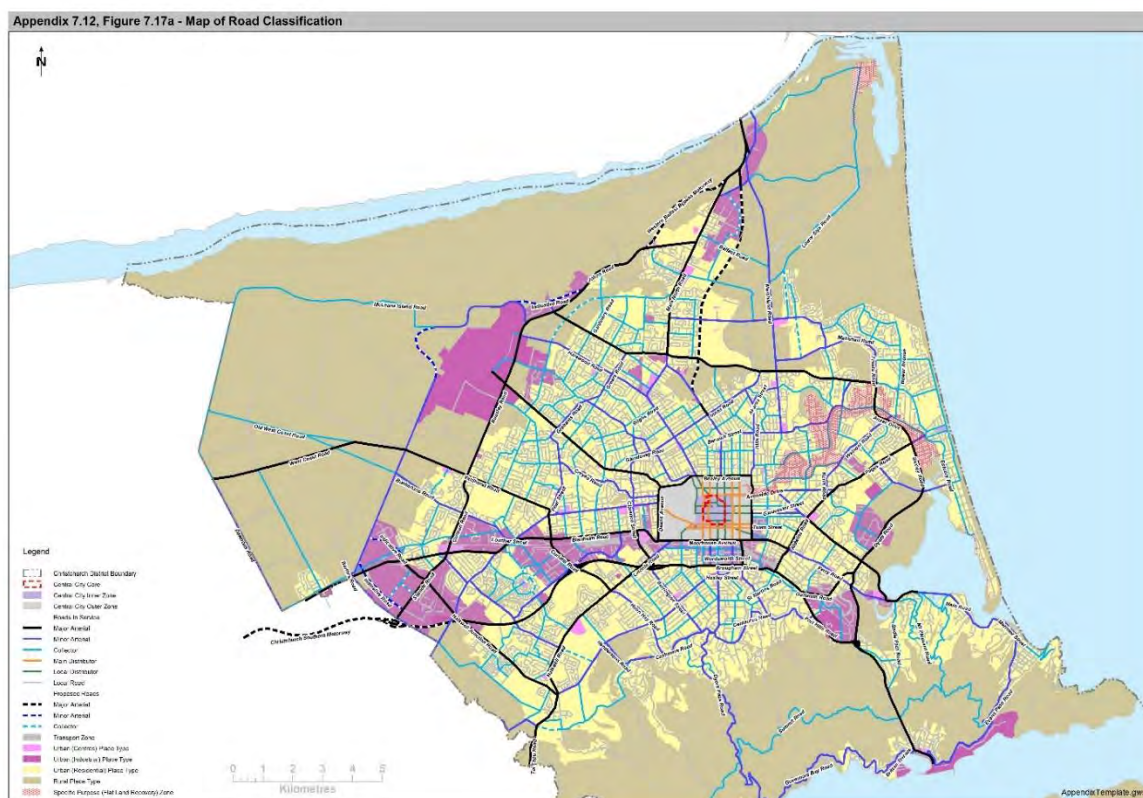
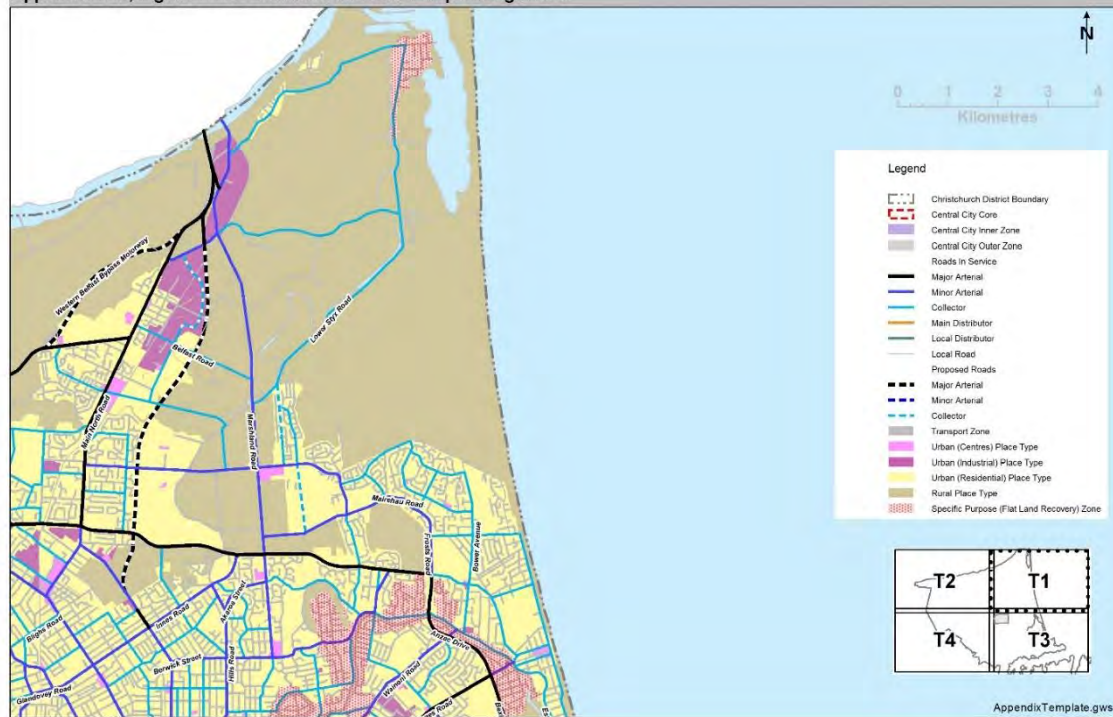
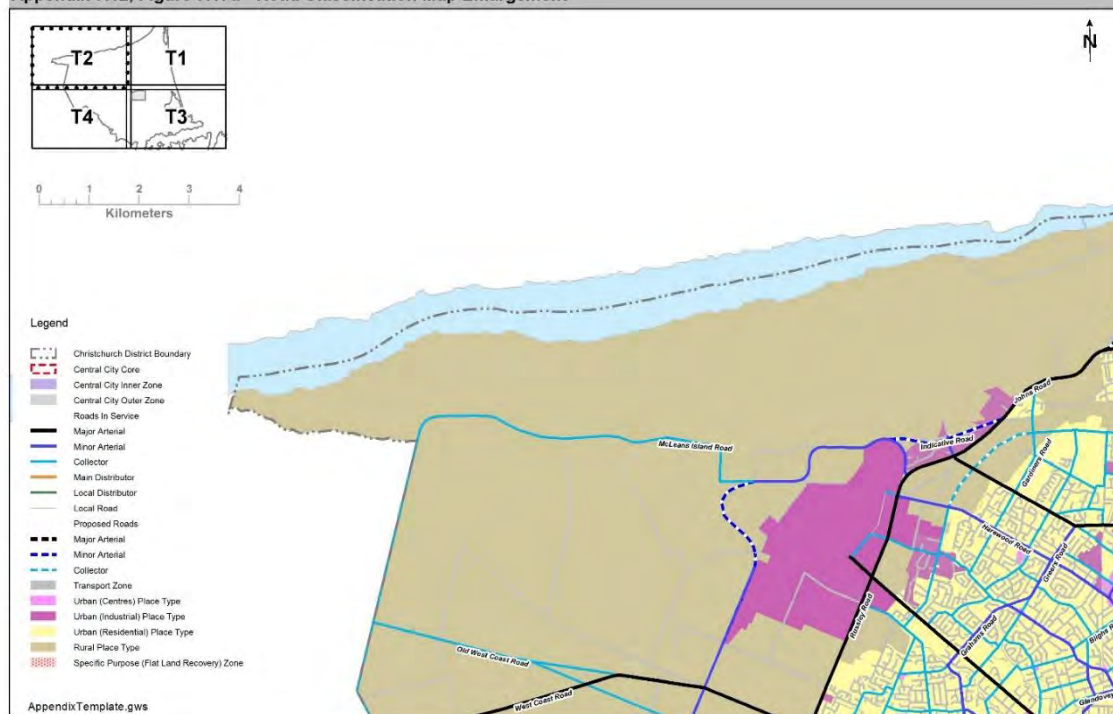


Figure 7.17 Road Classification Maps

Appendix 7.12, Figure 7.17c - Road Classification Map Enlargement



Appendix 7.12, Figure 7.17d - Road Classification Map Enlargement



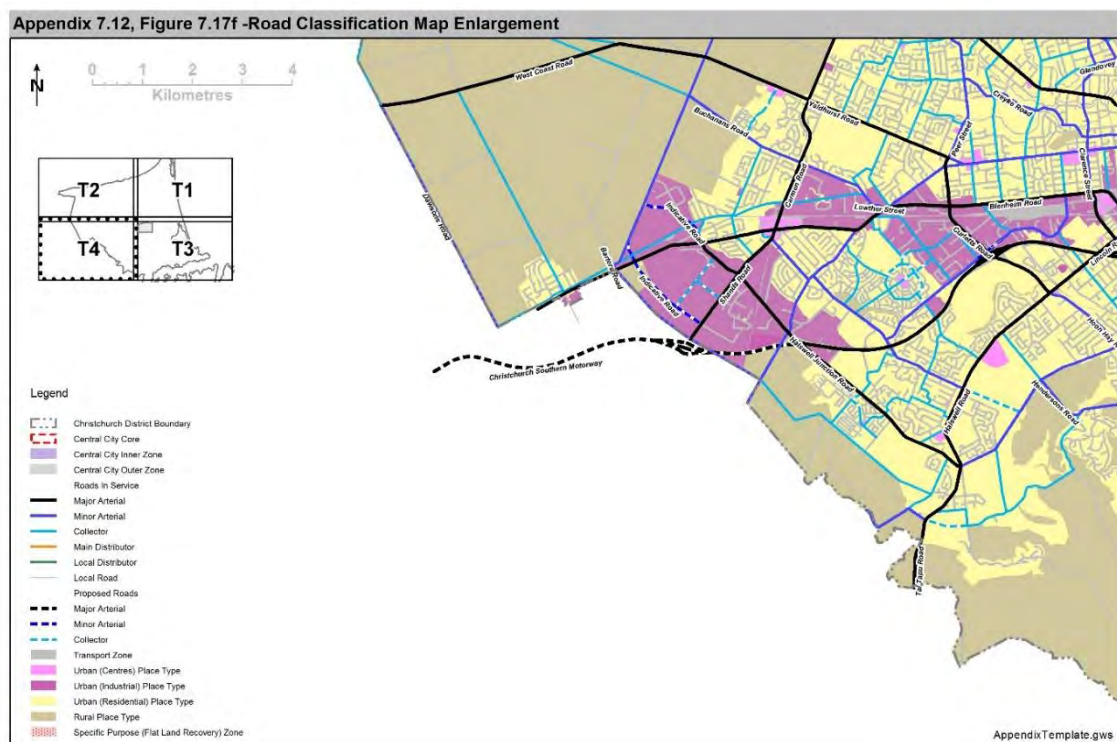
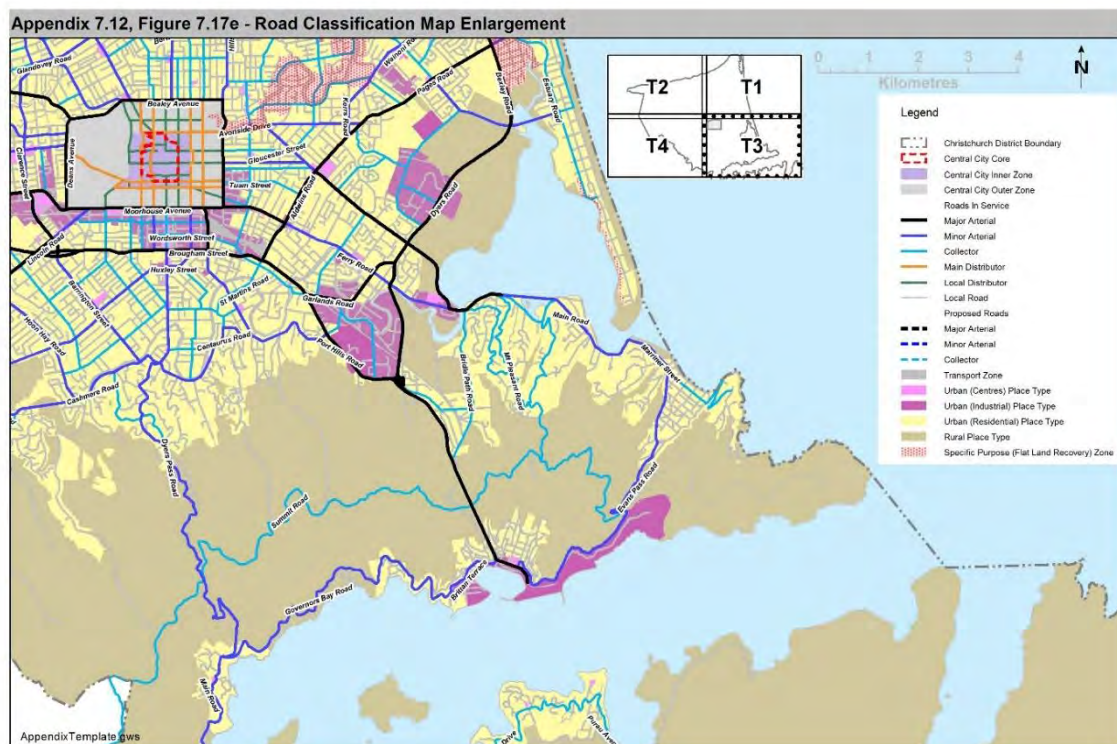


Table 7.18 – List of Arterial roads and Collector roads

| Road | Classification |
|---|--------------------------|
| Acheson Avenue (Emmett Street – Hills Road) | Collector |
| Aidanfield Drive (Halswell Road – Wigram Road) | Collector |
| Akaroa Street (Briggs Road-Hills Road) | Minor arterial |
| Aldwins Road (Ferry Road – Linwood Avenue) | Major arterial |
| Alvaston Drive (Patterson Terrace – Halswell Junction Road) | Collector |
| Ambleside Drive (Grahams Road Kendal Avenue) | Collector |
| Amyes Road (Shands Road – Springs Road) | Minor arterial |
| Annex Road (Blenheim Road-Birmingham Drive) | Collector |
| Antigua Street (Moorhouse Avenue – Broughton Street) | Collector |
| Antigua Street (Tuam Street-St Asaph Street) | Local Distributor Street |
| Anzac Drive (Travis Road – Bexley Road) | Major Arterial |
| Apsley Drive (Withells Road – Cutts Road) | Collector |
| Armagh Street (Cranmer Square (east side)-Colombo Street) | Local Distributor Street |
| Armagh Street (Montreal Street-Cranmer Square (east side)) | Main Distributor Street |
| Athol Terrace (Brodie Street-Peer Street) | Collector |
| Avondale Road (Breezes Road-New Brighton Road) | Collector |
| Avonhead Road (Yaldhurst Road-Russley Road) | Collector |
| Avonside Drive (Fitzgerald Avenue-Linwood Avenue) | Minor arterial |
| Avonside Drive (Swanns Road-Retreat Road West) | Collector |
| Avonside Drive (Retreat Road East-Wainoni Road) | Minor Arterial |
| Awatea Road (Springs Road – Dunbars Road) | Minor Arterial |
| Aylesford Street (Westminster Street – Hills Road) | Collector |
| Aynsley Terrace (Opawa Road – Garlands Road) | Collector |
| Balcairn Street (Hindness St – Revell Street) | Collector |

| Road | Classification |
|---|-------------------------|
| Barbadoes Street (Bealey Avenue Warrington Street) | Collector |
| Barbadoes Street (Bealey Avenue-Moorhouse Avenue) | Main Distributor Street |
| Barrington Street (Jerrold Street South-Cashmere Road) | Minor arterial |
| Barrington Street (Jerrold Street South-Lincoln Road) | Major arterial |
| Barthers Road (Waterloo Road-Main South Road) | Minor arterial |
| Bassett Street (Travis Road – New Brighton Road) | Minor arterial |
| Beach Road (Frosts Road-Marine Parade) | Collector |
| Beach Road, Akaroa (Rue Lavaud – Rue Jolie) | Collector |
| Bealey Avenue (Park Terrace-Fitzgerald Avenue) | Major arterial |
| Belfast Road (Main North Road-Marshland Road) | Collector |
| Bellevue Terrace (Major Hornbrook Road-Mt Pleasant Road) | Collector |
| Beresford Street (Hardy Street-Marine Parade) | Collector |
| Berwick Street (Cranford Street-Forfar Street) | Minor arterial |
| Bexley Road (Anzac Drive-Breezes Road) | Major arterial |
| Birdwood Avenue (Eastern Terrace – Sandwich Road) | Collector |
| Birmingham Drive (Annex Road-Wrights Road) | Minor arterial |
| Blakes Road (Belfast Road – Radcliffe Road) | Collector |
| Blenheim Road (Main South Road-Moorhouse Ave) | Major arterial |
| Blighs Road (Wairakei Road-Papanui Road) | Collector |
| Blighs Road (Wairakei Road-Idris Road) | Collector |
| Bowenvale Avenue Bridge (Centaurus Road – Eastern Avenue) | Collector |
| Bower Avenue (New Brighton Road-Broadhaven Avenue) | Collector |
| Bowhill Road (Palmers Road-Marine Parade) | Collector |
| Breens Road (Wairakei Road-Harewood Road) | Collector |
| Breezes Road (Avondale Road-Pages Road) | Collector |

| Road | Classification |
|---|-------------------------|
| Breezes Road (Pages Road-Bexley Road) | Minor arterial |
| Bridge Street (Bexley Road-Estuary Road) | Minor arterial |
| Bridge Street (Estuary Road- Marine Parade) | Collector |
| Bridle Path Road (Main Road-Tunnel Road) | Collector |
| Briggs Road (Innes Road – Akaroa Street) | Collector |
| Briggs Road (Akaroa Street-Marshland Road) | Minor arterial |
| Brittan Terrace (Simeon Quay – Park Terrace) | Minor arterial |
| Broadhaven Avenue (Queenspark Drive-Bower Avenue) | Collector |
| Brodie Street (Parkstone Avenue – Athol Terrace) | Collector |
| Brougham Street (Simeon Street – Opawa Road) (Southeast of Heathcote River) | Major arterial |
| Buchanans Road (Racecourse Road-Pound Rd) | Minor arterial |
| Buchanans Road (Pound Rd – Old West Coast Road) | Collector |
| Buckleys Road (Linwood Avenue – Rudds Road) | Major arterial |
| Burlington Street (Huxley Street – Brougham Street) | Minor arterial |
| Burnbrae Street (Tennyson Street – St Martins Road) | Collector |
| Burwood Road (Lake Terrace Road – Mairehau Road) | Collector |
| Burwood Road (Mairehau Road – Waitikiri Drive Road) | Minor arterial |
| Byron Street (Colombo Street-Waltham Road) | Collector |
| Cambridge Terrace (Gloucester Street-Cashel Street) | Main Distributor Street |
| Candys Road (Sabys Road-Halswell Road) | Minor arterial |
| Carlton Mill Road (Harper Avenue-Rossall Street) | Minor arterial |
| Carmen Road (Main South Road-Masham Road) | Major arterial |
| Cashel Street (Linwood Avenue – Fitzgerald Avenue) | Collector |
| Cashmere Road (Kennedys Bush Road-Hendersons Road) | Collector |
| Cashmere Road (Hendersons Road-Colombo Street) | Minor arterial |

| Road | Classification |
|---|--------------------------|
| Caspian Street (Ebbtide Street-Rockinghorse Road) | Collector |
| Caulfield Avenue (Murphys Road – Hamill Road) | Collector |
| Cavendish Road (Northcote Road-Veitches Road) | Collector |
| Cavendish Road (Grampian Street-Styx Mill Road) | Collector |
| Centaurus Road (Colombo Street-Port Hills Road) | Major arterial |
| Chapmans Road (Port Hills Road-Cumnor Terrace) | Collector |
| Charteris Bay Road (Governors Bay Teddington Road – Marine Drive) | Collector |
| Chattertons Road (McLeans Island Road-West Coast Road) | Collector |
| Checketts Avenue (Ensign Street – Wales Street) | Collector |
| Christchurch Akaroa Road (Selwyn District Boundary – Woodills Road) | Major arterial |
| Clarence Street (Riccarton Road – Blenheim Road) | Minor arterial |
| Clarence Street (Blenheim Road – Whiteleigh Avenue) | Major arterial |
| Claridges Road (Gardiners Road-Grampian Street) | Collector |
| Clyde Road (Riccarton Road-Greens Road) | Collector |
| Cobham Street (Barrington Street – Lyttelton Street) | Collector |
| Colombo Street (Bealey Avenue-Gloucester Street) | Local Distributor Street |
| Colombo Street (Centaurus Road-Brougham Street) | Minor arterial |
| Colombo Street (Brougham Street-Moorhouse Avenue) | Collector |
| Colombo Street (Lichfield Street-Moorhouse Avenue) | Local Distributor Street |
| Condell Avenue (Greens Road-Blighs Road) | Collector |
| Connaught Drive (Halswell Junction Road – Produce Place) | Collector |
| Coronation Street (Barrington Street-Selwyn Street) | Collector |
| Corsair Drive (Springs Road – Kittyhawk Avenue) | Collector |
| Courtenay Street (Trafalgar Street-Westminster Street) | Collector |
| Cranford Street (Edgeware Road-Innes Road) | Minor arterial |

| Road | Classification |
|---|-------------------------|
| Cranford Street (Innes Road-Proposed Northern Arterial Extension) | Major arterial |
| Cranford Street (Proposed Northern Arterial Extension –Main North Road) | Minor arterial |
| Cranmer Square (east side) (Kilmore Street-Armagh Street) | Main Distributor Street |
| Cresswell Avenue (Gayhurst Road-westwards-New Brighton Road) | Collector |
| Creyke Road (Clyde Road-Ilam Road) | Minor arterial |
| Croydon Street (Southampton Street – Huxley Street) | Collector |
| Cumnor Terrace (Maunsell Street-Chapmans Road) | Collector |
| Curletts Road (Halswell Road-Yaldhurst Road) | Major arterial |
| Curries Road (Port Hills Road-Maunsell Street) | Collector |
| Cuthberts Road (Ruru Road-Breezes Road) | Collector |
| Cutts Road (Yaldhurst Road-Woodbury Street) | Collector |
| Daniels Road (Main North Road-Grimseys Road) | Collector |
| Dawsons Road (Jones Road-West Coast Road) | Minor arterial |
| Deans Avenue (Moorhouse Avenue-Harper Avenue) | Major arterial |
| Disraeli Street (Selwyn Street-Orbell Street) | Collector |
| Dunbars Road (Awatea Road-Halswell Road) | Minor arterial |
| Dunbars Road (Awatea Road Wigram Road) | Collector |
| Durham Street North (Bealey Avenue-Gloucester Street) | Main Distributor Street |
| Durham Street North (Bealey Avenue-Springfield Road) | Collector |
| Durham Street South (Brougham Street-Moorhouse Avenue) | Minor arterial |
| Durham Street South (Cashel Street-Moorhouse Avenue) | Main Distributor Street |
| Dyers Pass Road (Colombo Street-Governors Bay Road) | Minor arterial |
| Dyers Road (Ferry Road-Breezes Road) | Major arterial |
| Eastern Terrace (Birdwood Avenue-Bowenvale Bridge) | Collector |
| Ebbtide Street (Estuary Road-Caspian Street) | Collector |

| Road | Classification |
|--|--------------------------|
| Edgeware Road (Springfield Road-Hills Road) | Collector |
| Emmett Street (Briggs Road – Shirley Road) | Collector |
| Ensign Street (Checketts Avenue – Lillian Street) | Collector |
| Ensors Road (Brougham Street-Ferry Road) | Major arterial |
| Ensors Road (Fifield Terrace-Brougham Street) | Collector |
| Epsom Road (Racecourse Road-Main South Road) | Collector |
| Estuary Road (Jervois Street – Ebbtide Street | Collector |
| Evans Pass Road (Summit Road Wakefield Avenue) | Minor arterial |
| Farquhars Road (Main North Road-Grimseys Road) | Collector |
| Farrington Avenue (Wairakei Road-Harewood Road) | Collector |
| Fendalton Road (Clyde Road-Deans Avenue) | Major arterial |
| Ferry Road (Fitzgerald Avenue-Moorhouse Avenue) | Collector |
| Ferry Road (Aldwins Road-Humphreys Drive) | Minor arterial |
| Ferry Road (Moorhouse Avenue-Aldwins Road) | Major arterial |
| Ferry Road (Humphreys Drive-St Andrews Hill Road) | Major arterial |
| Ferry Road (St Asaph Street-Fitzgerald Avenue) | Local Distributor Street |
| Fitzgerald Avenue (Bealey Avenue-Moorhouse Avenue) | Major arterial |
| Forfar Street (Winton Street – Warrington Street) | Collector |
| Frankleigh Street (Lyttelton Street-Barrington Street) | Minor arterial |
| Frosts Road (Beach Road-Travis Road) | Minor arterial |
| Gamblins Road (Wilsons Road-St Martins Road) | Collector |
| Gardiners Road (Johns Road-Harewood Road) | Collector |
| Garlands Road (Aynsley Terrace-Opawa Expressway) | Collector |
| Garlands Road (Opawa Expressway-Rutherford Street) | Major arterial |
| Gasson Street (Brougham Street-Moorhouse Avenue) | Minor arterial |

| Road | Classification |
|--|--------------------------|
| Gayhurst Road (Cresswell Avenue-Avonside Drive) | Collector |
| Gebbies Pass Road (Governors Bay Teddington Road – Christchurch Akaroa Road) | Minor arterial |
| Gilberthorpes Road (Waterloo Road-Buchanans Road) | Collector |
| Gladstone Quay (Norwich Quay – Cashin Quay) | Major arterial |
| Glandovey Road (Fendalton Road-Idris Road) | Collector |
| Glandovey Road (Idris Road-Rossall Street) | Minor arterial |
| Glenstrae Road (McCormacks Bay Road – Monks Spur Road) | Collector |
| Gloucester Street (Colombo Street-Madras Street) | Local Distributor Street |
| Gloucester Street (Fitzgerald Avenue – Gayhurst Road) | Collector |
| Gloucester Street (Latimer Square (east side)-Fitzgerald Avenue) | Local Distributor Street |
| Gloucester Street (Madras Street-Latimer Square (east side)) | Main Distributor Street |
| Gloucester Street (Rolleston Avenue-Oxford Terrace) | Local Distributor Street |
| Glovers Road (Halswell Road-Kennedys Bush Road) | Collector |
| Goulding Avenue (Main South Road – Shands Road) | Collector |
| Governors Bay Road (Park Terrace Dyers Pass Road) | Minor arterial |
| Governors Bay Teddington Road (Main Road, Governors Bay Gebbies Pass Road) | Minor arterial |
| Grahams Road (Avonhead Road – Waimairi Road) | Collector |
| Grahams Road (Waimairi Road-Greens Road) | Minor arterial |
| Grampian Street (Veitches Road-Claridges Road) | Collector |
| Greens Road (Grahams Road-Sawyers Arms Road) | Minor arterial |
| Greens Road (Waimairi Road-Grahams Road) | Collector |
| Grimseys Road (Queen Elizabeth II Drive Farquhars Road) | Collector |
| Guildford Street (Greens Road-Grahams Road) | Collector |
| Hackthorne Road (Cashmere Road - Pentre Terrace) | Collector |
| Hagley Avenue (Riccarton Avenue-St Asaph Street) | Main Distributor Street |

| Road | Classification |
|--|--------------------------|
| Hagley Avenue (St Asaph Street-Selwyn Street) | Local Distributor Street |
| Halswell Junction Road (Main South Road -Foremans Road) | Minor arterial |
| Halswell Junction Road (Main South Road-Halswell Road) | Major arterial |
| Halswell Road (Curletts Road-Old Tai Tapu Road) | Major arterial |
| Hamill Road (Halswell Junction Road – Caulfield Avenue) | Collector |
| Hammersley Avenue (Quinns Road – Marshland Road) | Collector |
| Hampshire Street (Wainoni Road – Breezes Road) | Collector |
| Hansons Lane (Riccarton Road-Blenheim Road) | Collector |
| Harbour Road (Kainga Road – Lower Styx Road) | Collector |
| Harewood Road (Orchard Road – Johns Road) | Collector |
| Harewood Road (Papanui Road-Johns Road) | Minor arterial |
| Hargood Street (Ferry Road-Linwood Avenue) | Collector |
| Harman Street (Lincoln Road- Selwyn Street) | Collector |
| Harper Avenue (Deans Avenue-Bealey Avenue) | Major arterial |
| Harrow Street (Olliviers Road-Aldwins Road) | Collector |
| Hawke Street (New Brighton Road-Marine Parade) | Collector |
| Hawkins Road (Radcliffe Road – Quaid's Road) | Collector |
| Hay Street (Linwood Avenue-Ruru Road) | Collector |
| Hayton Road (Symes Road – Wigram Road) | Collector |
| Heaton Street (Strowan Road-Papanui Road) | Collector |
| Heberden Avenue (Nayland Street-Scarborough Road) | Collector |
| Hendersons Road (Halswell Road-Sparks Road) | Collector |
| Hendersons Road (Sparks Road - Cashmere Road) | Collector |
| Hereford Street (Fitzgerald Avenue-Linwood Avenue) | Minor arterial |
| Hereford Street (Latimer Square (east side)-Fitzgerald Avenue) | Local Distributor Street |

| Road | Classification |
|--|--------------------------|
| Hereford Street (Madras Street-Latimer Square (east side)) | Main Distributor Street |
| Hereford Street (Rolleston Avenue-Madras Street) | Local Distributor Street |
| Highsted Road (Harewood Road-Styx Mill Road) | Collector |
| Hills Road (Whitmore Street – Innes Road) | Minor arterial |
| Hindness St (Dunbars Road – Balcairn Street) | Collector |
| Holmwood Road (Fendalton Road-Rossall Street) | Collector |
| Hoon Hay Road (Halswell Road-Cashmere Road) | Minor arterial |
| Humphreys Drive (Linwood Avenue-Ferry Road) | Major arterial |
| Huxley Street (Colombo Street-Burlington Street) | Minor arterial |
| Huxley Street (Croydon Street – Burlington Street) | Collector |
| Idris Road (Fendalton Road-Wairakei Road) | Minor arterial |
| Idris Road (Wairakei Road - Blighs Road) | Collector |
| Ilam Road (Riccarton Road-Wairakei Road) | Collector |
| Innes Road (Papanui Road-Queen Elizabeth II Drive) | Minor arterial |
| Inwoods Road (Broadhaven Avenue-Mairehau Road) | Collector |
| Jarnac Boulevard (Buchanans Road – Millesimes Way) | Collector |
| Jeffreys Road (Clyde Road-Idris Road) | Collector |
| Jerrold Street North (Collins Street-Barrington Street) | Major arterial |
| Jerrold Street South (Collins Street-Barrington Street) | Major arterial |
| Johns Road (Harewood Road-Main North Road) | Major arterial |
| Jones Road (Railway Terrace Dawsons Road) | Collector |
| Kahu Road (Kotare Street-Straven Road) | Minor arterial |
| Kainga Road (Main North Road-Harbour Road) | Collector |
| Kendal Avenue (Memorial Avenue-Wairakei Road) | Collector |
| Kennedys Bush Road (Glovers Road-Cashmere Road) | Collector |

| Road | Classification |
|--|--------------------------|
| Kensington Avenue (Innes Road – Westminster Street) | Collector |
| Kerrs Road (Pages Road-Wainoni Road) | Minor arterial |
| Keyes Road (Bowhill Road-Hawke Street) | Collector |
| Kilburn Street (Greers Road-Farrington Avenue) | Collector |
| Kilmarnock Street (Deans Avenue-Straven Road) | Minor arterial |
| Kilmore Street (Montreal Street-Fitzgerald Avenue) | Main Distributor Street |
| Kirk Road (West Coast Road-Main South Road) | Collector |
| Kittyhawk Avenue (The Runway – Corsair Drive) | Collector |
| Kotare Street (Clyde Road-Kahu Road) | Minor arterial |
| Lake Terrace Road (Marshland Road-New Brighton Road) | Collector |
| Langdons Road (Greers Road-Main North Road) | Collector |
| Latimer Square (east side) | Main Distributor Street |
| Lichfield Street (Durham Street-Manchester Street) | Local Distributor Street |
| Lillian Street (Ensign Street – Halswell Road) | Collector |
| Lincoln Road (Moorhouse Avenue-Whiteleigh Avenue) | Minor arterial |
| Lincoln Road (Whiteleigh Avenue-Curletts Road) | Major arterial |
| Linwood Avenue (Avonside Drive-Aldwins Road) | Minor arterial |
| Linwood Avenue (Aldwins Road – Humphreys Drive) | Major arterial |
| Locksley Avenue (McBratneys Road-New Brighton Road) | Collector |
| Lodestar Avenue (Hayton Road – Stark Drive) | Collector |
| Long Bay Road (Summit Road – Christchurch Akaroa Road) | Collector |
| Lower Styx Road (Marshland Road-Harbour Road) | Collector |
| Lowther Street (Racecourse Road – Main South Road) | Minor arterial |
| Lyttelton Street (Lincoln Road-Rose Street) | Collector |
| Maces Road (Cuthberts Road-Dyers Road) | Collector |

| Road | Classification |
|--|--------------------------|
| Madras Street (Bealey Avenue – Winton Street) | Collector |
| Madras Street (Bealey Avenue-Gloucester Street) | Main Distributor Street |
| Madras Street (Hereford Street-Moorhouse Avenue) | Main Distributor Street |
| Magdala Place (Birmingham Drive – Proposed Bridge Link to Wigram Road) | Minor arterial |
| Maidstone Road (Waimairi Road-Withells Road) | Collector |
| Maidstone Road (Ilam Road - Waimairi Road) | Minor arterial |
| Main North Road (Northcote Road – Dickeys Road) | Major arterial |
| Main North Road (Cranford Street –Northcote Road) | Minor arterial |
| Main North Road (Dickeys Road – Waimakariri District Boundary) | Minor arterial |
| Main Road (McCormacks Bay Road West The - Esplanade) | Minor arterial |
| Main Road (St Andrews Hill Road-McCormacks - Bay Road west) | Major arterial |
| Main Road, Governors Bay (Dyers Pass Road – Governors Bay Teddington Road) | Minor arterial |
| Main South Road (Blenheim Road – Selwyn District Boundary) | Major arterial |
| Main South Road (Riccarton Road-Blenheim Road) | Minor arterial |
| Mairehau Road (Marshland Road – Frosts Road) | Minor arterial |
| Major Hornbrook Road (Bellevue Terrace-St Andrews Hill Road) | Collector |
| Malcolm Avenue (Eastern Terrace – Colombo Street) | Collector |
| Manchester Street (Bealey Avenue – Edgeware Road) | Collector |
| Manchester Street (Bealey Avenue-Moorhouse Avenue) | Local Distributor Street |
| Mandeville Street (Riccarton Road – Blenheim Road) | Collector |
| Marine Drive (Charteris Bay Road – Waipapa Avenue) | Collector |
| Marine Parade (Bridge Street-Beach Road) | Collector |
| Marriner Street (Wakefield Avenue – Main Road) | Minor arterial |
| Marshland Road (Shirley Road – Main North Road) | Minor arterial |
| Marshs Road (Main South Road – Springs Road) ¹ | Minor arterial |

| Road | Classification |
|---|-------------------------|
| Marshs Road (Springs Road – Whincops Road) | Collector |
| Martindales Road (Port Hills Road-Bridle Path Road) | Collector |
| Masham Road (Yaldhurst Road-Carmen Road) | Major arterial |
| Matipo Street (Riccarton Road-Blenheim Road) | Collector |
| Matipo Street (Blenheim Road – Wrights Road) | Minor arterial |
| Maunsell Street (Tanner Street – Cumnor Terrace) | Collector |
| McBratneys Road (River Road-Locksley Avenue) | Collector |
| McCormacks Bay Road (Main Road (west) Main Road (east)) | Collector |
| McFaddens Road (Rutland Street-Cranford Street) | Collector |
| McGregors Road (Ruru Road-Rudds Road) | Collector |
| McLeans Island Road (Johns Road-Proposed Pound Road deviation) | Minor arterial |
| McLeans Island Road (Proposed Pound Road deviation– Chattertons Road) | Collector |
| McMahon Drive (Aidanfield Drive – Dunbars Road) | Collector |
| Memorial Avenue (Clyde Road-Orchard Road) | Major arterial |
| Merrin Street (Avonhead Road-Withells Road) | Collector |
| Middleton Road (Blenheim Road-Riccarton Road) | Collector |
| Milton Street (Barrington Street-Colombo Street) | Minor arterial |
| Moncks Spur Road (Mt Pleasant Road-Glenstrae Road) | Collector |
| Montreal Street (Armagh Street-Moorhouse Avenue) | Main Distributor Street |
| Montreal Street (Bealey Avenue-Kilmore Street) | Main Distributor Street |
| Montreal Street (Brougham Street Moorhouse Avenue) | Minor arterial |
| Moorhouse Avenue (Deans Avenue-Ferry Road) | Major arterial |
| Mt Pleasant Road (Main Road Summit Road) | Collector |
| Mustang Avenue (Awatea Road – Corsair Drive) | Collector |
| Nayland Street (Wakefield Avenue-Heberden Avenue) | Collector |

| Road | Classification |
|---|-----------------------|
| New Brighton Road (Marshland Road-Avondale Road) | Minor arterial |
| New Brighton Road (Avondale Road Pages Road) | Collector |
| Nicholls Road (Halswell Junction Road – Halswell Road) | Collector |
| Normans Road (Strowan Road-Papanui Road) | Collector |
| North Avon Road (Whitmore Street-River Road) | Collector |
| North Parade (North Avon Road-Shirley Road) | Collector |
| Northcote Road (Greers Road-Main North Road) | Major arterial |
| Northern Motorway and Connectors (Waimakariri District Boundary-Dickeys Road) | Major arterial |
| Northwood Boulevard (Main North Road – Springbrook Lane) | Collector |
| Norwich Quay (Tunnel Road – Gladstone Quay) | Major arterial |
| Norwood Street (Sandwich Road – Tennyson Street) | Collector |
| Nottingham Avenue (Wales Street – Patterson Terrace) | Collector |
| Nursery Road (Tuam Street – Ferry Road) | Collector |
| Old West Coast Road (Chattertons Road- West Coast Road) | Collector |
| Opawa Road (Wilsons Road North - Aynsley Terrace) | Collector |
| Opawa Road (Brougham Street (southeast of the Heathcote River) Port Hills Road) | Major arterial |
| Orchard Road (Memorial Ave – Wairakei Road) | Collector |
| Orion Street (Emmett Street – Quinns Road) | Collector |
| Ottawa Road (Wainoni Road – Pages Road) | Collector |
| Owles Terrace (Pages Road Union Street) | Collector |
| Oxford Street (Norwich Quay – Sumner Road) | Minor Arterial |
| Pages Road (Rudds Road-Anzac Drive) | Major arterial |
| Pages Road (Anzac Drive – New Brighton Road) | Minor Arterial |
| Palinurus Road (Dyers Road-Ferry Road) | Major arterial |
| Papanui Road (Bealey Avenue-Harewood Road) | Minor arterial |

| Road | Classification |
|---|--------------------------|
| Park Terrace (Brittan Terrace – Governors Bay Road) | Minor arterial |
| Park Terrace / Rolleston Avenue (Bealey Avenue-Hereford Street) | Local Distributor Street |
| Parker Street (Waterloo Road-Main South Road) | Collector |
| Parkhouse Road (Hayton Road-Curletts Road) | Collector |
| Parkstone Avenue (Avonhead Road-Brodie Street) | Collector |
| Parnwell Street (Basset Street – Travis Road) | Collector |
| Patterson Terrace (Nottingham Avenue – Alvaston Drive) | Collector |
| Peer Street (Waimairi Road-Yaldhurst Road) | Minor arterial |
| Philpotts Road (Queen Elizabeth II Drive – Innes Road) | Collector |
| Port Hills Road (Centaurus Road-Opawa Road) | Minor arterial |
| Port Hills Road (Opawa Road-Tunnel Road) | Major arterial |
| Port Hills Road (Horotane Valley Road-Martindales Road) | Collector |
| Pound Road (Waterloo Road-McLeans Island Road) | Minor arterial |
| Prestons Road (Main North Road-Waitikiri Drive Road) | Minor arterial |
| Purau Avenue (Waipapa Avenue – Camp Bay Road) | Collector |
| Putake Drive (Mairehau Road – Rothesay Road) | Collector |
| Quaids Road (Hawkins Road – Prestons Road) | Collector |
| Quaifes Road (Whincops Road – Sabys Road) | Collector |
| Queen Elizabeth II Drive (Travis Road-Main North Road) | Major arterial |
| Queenspark Drive (Rothesay Road-Bower Avenue) | Collector |
| Racecourse Road (Main South Road-Buchanans Road) | Minor arterial |
| Racecourse Road (Yaldhurst Road-Buchanans Road) | Collector |
| Radcliffe Road (Hawkins Road – Main North Road) | Collector |
| Radley Street (Garlands Road-Ferry Road) | Collector |
| Railway Terrace (Kirk Road-Jones Road) | Collector |
| Retreat Road (Avonside Drive-Avonside Drive) | Collector |
| Revell Street (Balcairn Street – Checketts Ave) | Collector |
| Riccarton Avenue | Main Distributor Street |
| Riccarton Road (Yaldhurst Road-Riccarton Avenue) | Minor arterial |
| River Road (North Avon Road-McBratneys Road) | Collector |
| Rookwood Avenue (Bower Avenue-Bowhill Road) | Collector |

| Road | Classification |
|--|--------------------------|
| Rose Street (Hoon Hay Road-Barrington Street) | Collector |
| Rossall Street (Glandovey Road-Carlton Mill Road) | Minor arterial |
| Rothsay Road (Queenspark Drive –Burwood Road) | Collector |
| Roydvale Avenue (Avonhead Road Wairakei Road) | Collector |
| Rudds Road (McGregors Road-Pages Road) | Collector |
| Rue Jolie (Beach Road, Akaroa – Alymers Valley Road) | Collector |
| Rue Lavaud (Woodills Road – Beach Road, Akaroa) | Collector |
| Ruru Road (McGregors Road-Maces Road) | Collector |
| Russley Road (Johns Road-Yaldhurst Road) | Major arterial |
| Rutherford Street (Garlands Road-Ferry Road) | Major arterial |
| Rutland Street (Tomes Road-St Albans Street) | Collector |
| Sabys Road (Trices Road-Candys Road) | Minor arterial |
| Sabys Road (Candys Road – Halswell Junction Road) | Collector |
| Salisbury Street (Park Terrace-Barbadoes Street) | Local Distributor Street |
| Sandwich Road (Birdwood Avenue – Norwood Street) | Collector |
| Sawyers Arms Road (Johns Road-Greens Road) | Major arterial |
| Sawyers Arms Road (Johns Road – Broughs Road) | Minor arterial |
| Sawyers Arms Road (Northcote Road-Main North Road) | Collector |
| Scarborough Road (Taylors Mistake Road-Heberden Avenue) | Collector |
| Scruttons Road (Port Hills Road – Tunnel Road on-ramp) | Major arterial |
| Selwyn Street (Hagley Avenue-Moorhouse Avenue) | Local Distributor Street |
| Selwyn Street (Somerfield Street-Hagley Avenue) | Collector |
| Seymour Street (Main South Road – Shands Road) | Collector |
| Shakespeare Road (Waltham Road – Wilsons Road North) | Collector |
| Shands Road (Main South Road-Selwyn District Boundary) | Major arterial |
| Sherborne Street (Bealey Avenue-Edgeware Road) | Minor arterial |
| Shirley Road (Hills Road-Marshland Road) | Minor arterial |
| Simeon Quay (Norwich Quay – Brittan Terrace) | Minor arterial |
| Somerfield Street (Barrington Street – Colombo Street) | Collector |
| Southern Motorway and connectors (Simeon Street – Haswell Junction Road) | Major arterial |
| Southampton Street (Tennyson Street – Croydon Street) | Collector |
| Sparks Road (Halswell Road-Lyttelton Street) | Minor arterial |

| Road | Classification |
|---|-------------------------|
| Spencerville Road (Main North Road-Lower Styx Road) | Collector |
| Springfield Road (Durham Street North-St Albans Street) | Collector |
| Springs Road (Main South Road-Selwyn District Boundary) | Minor arterial |
| St Albans Street (Papanui Road-Trafalgar Street) | Collector |
| St Andrews Hill Road (Main Road-Major Hornbrook Road) | Collector |
| St Asaph Street (Hagley Avenue-Fitzgerald Avenue) | Main Distributor Street |
| St Martins Road (Fifield Terrace-Centaurus Road) | Collector |
| Stanmore Road (Tuam Street-North Avon Road) | Collector |
| Straven Road (Fendalton Road-Riccarton Road) | Minor arterial |
| Strickland Street (Brougham Street-Colombo Street) | Collector |
| Strowan Road (Heaton Street-Wairakei Road) | Minor arterial |
| Sturrocks Road (Cavendish Road-Main North Road) | Collector |
| Styx Mill Road (Gardiners Road-Main North Road) | Collector |
| Summit Road (Evans Pass Road-Selwyn District Boundary (west of Dyers Pass Road)) | Collector |
| Summit Road (Gebbies Pass Road - Selwyn District Boundary (north of Gebbies Pass Road)) | Collector |
| Summit Road (Christchurch Akaroa Road – Long Bay Road) | Collector |
| Sumner Road (Oxford Street – Evans Pass Road) | Minor arterial |
| Sutherlands Road (Cashmere Road – Sparks Road) | Collector |
| Swanns Road (Stanmore Road-Avonside Drive) | Collector |
| Symes Road (Haytons Road-Main South Road) | Collector |
| Symes Road (Vickers Road – Main South Road) | Collector |
| Tai Tapu Road (Old Tai Tapu Road-Selwyn District Boundary) | Major arterial |
| Tanner Street (Garlands Road – Maunsell Street) | Collector |
| Te Korari Street (Prestons Road - Te Aue Street) | Collector |
| Te Rito Street (Prestons Road - Urihia Street) | Collector |
| Tennyson Street (Colombo Street-Burnbrae Street) | Collector |
| The Runway (Awatea Road – Kittyhawk Avenue) | Collector |
| The Runway (Stark Drive – Hayton Road) | Collector |
| Tomes Road (Rutland Street – Papanui Road) | Collector |
| Travis Road (Queen Elizabeth Drive – Anzac Drive) | Major arterial |
| Travis Road (Frosts Road-Bower Avenue) | Collector |

| Road | Classification |
|--|--------------------------|
| Treffers Road (Parkhouse Road-Wigram Road) | Collector |
| Trices Road (Sabys Road-Selwyn District Boundary) | Minor arterial |
| Tuam Street (Fitzgerald Avenue-Olliviers Road) | Collector |
| Tuam Street (Hagley Avenue-Fitzgerald Avenue) | Main Distributor Street |
| Tunnel Road (Ferry Road-Norwich Quay) | Major arterial |
| Union Street (Jervois Street-Owles Terrace) | Collector |
| Veitches Road (Sawyers Arms Road-Cavendish Road) | Collector |
| Vickerys Road (Pilkington Way – Symes Road) | Collector |
| Victoria Street | Local Distributor Street |
| Waimairi Road (Grahams Road-Peer Street) | Minor arterial |
| Waimairi Road (Peer Street - Riccarton Road) | Collector |
| Wainoni Road (Kerrs Road-New Brighton Road) | Minor arterial |
| Wainui Main Road (Christchurch-Akaroa Road – Jubilee Road) | Collector |
| Waipapa Avenue (Marine Drive – Purau Avenue) | Collector |
| Wairakei Road (Strowan Road-Grahams Road) | Minor arterial |
| Wairakei Road (Grahams Road-Orchard Road) | Collector |
| Wakefield Avenue (Evans Pass Road-Marriner Street) | Minor arterial |
| Wales Street (Checketts Avenue – Nottingham Avenue) | Collector |
| Waltham Road (Brougham Street-Moorhouse Avenue) | Major arterial |
| Waltham Road (Riverlaw Terrace-Brougham Street) | Minor arterial |
| Warrington Street (Forfar Street-Hills Road) | Minor arterial |
| Waterloo Road (Racecourse Road-Pound Road) | Collector |
| Waterloo Road (Pound Road-Barters Road) | Minor arterial |
| Waterloo Road (Barters Road-Kirk Road) | Collector |
| West Coast Road (Yaldhurst Road– Selwyn District Boundary) | Major arterial |
| Westminster Street (Courtenay Street-Hills Road) | Collector |
| Wharenui Road (Riccarton Road-Blenheim Road) | Collector |
| Whincops Road (Halswell Junction Road-Marshs Road) | Collector |
| Whiteleigh Avenue (Clarence Street-Lincoln Road) | Major arterial |
| Whitmore Street (Bealey Avenue-Hills Road) | Minor arterial |
| Wickham Street (Maces Road – Dyers Road) | Collector |
| Wigram Road (Halswell Junction Road-Dunbars Road) | Collector |
| Wigram Road (Awatea Road – Treffers Road) | Minor arterial |

| Road | Classification |
|---|----------------|
| Wilsons Road North (Shakespeare Road-Ferry Road) | Collector |
| Wilsons Road South (Centaurus Road-Riverlaw Terrace) | Minor arterial |
| Withells Road (Yaldhurst Road-Avonhead Road) | Collector |
| Woodham Road (Avonside Drive Pages Road) | Minor arterial |
| Woodhills Road (Christchurch Akaroa Road – 60 metres east of Old Coach Road (end of State Highway 75)) | Major arterial |
| Woodhills Road (60 metres east of Old Coach Road (end of State Highway 75) Rue Lavaud) | Collector |
| Wooldridge Road (Wairakei Road- Harewood Road) | Collector |
| Wordsworth Street (Durham Street-Waltham Street) | Collector |
| Wrights Road (Matipo Street- Birmingham Drive) | Minor arterial |
| Wrights Road (Birmingham Drive – Lincoln Road) | Collector |
| Yaldhurst Road (Riccarton Road-Curletts Road) | Minor arterial |
| Yaldhurst Road (Curletts Road-West Coast Road) | Major arterial |

¹ Marshs Road (Shands Road to Main South Road) is a Minor Arterial. However, a new [road](#) between Main South Road and Shands Road (north of Marshs Road) is proposed to link with the Pound Road/Barters Road realignment (see the Road Classification maps). It is intended that in future this new [road](#) will be a Minor Arterial instead of Marshs Road between Main South Road and Shands Road.

Appendix 7.13 – Building set-backs to level crossings

1. Sight triangles for road/rail level crossings

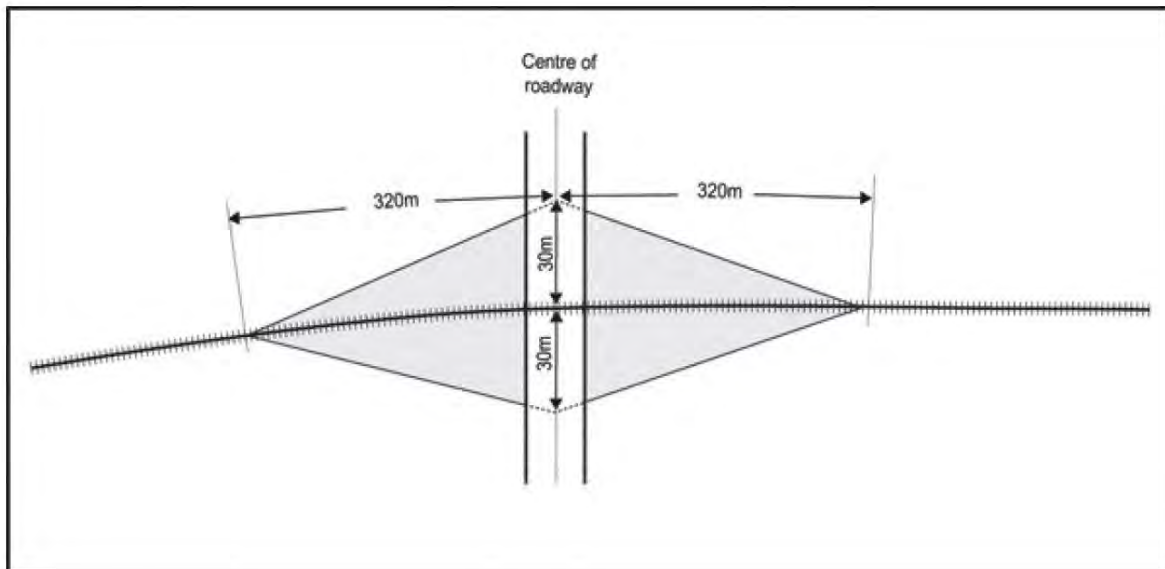


Figure 7.18: Approach sight triangles for public road/rail level crossings

Notes:

3. The 30 metre distance is measured from the closest outside rail.
4. Where there is more than one set of railway tracks, then 25 metres is added to the 320 metre distance along the railway track for each additional set of tracks.

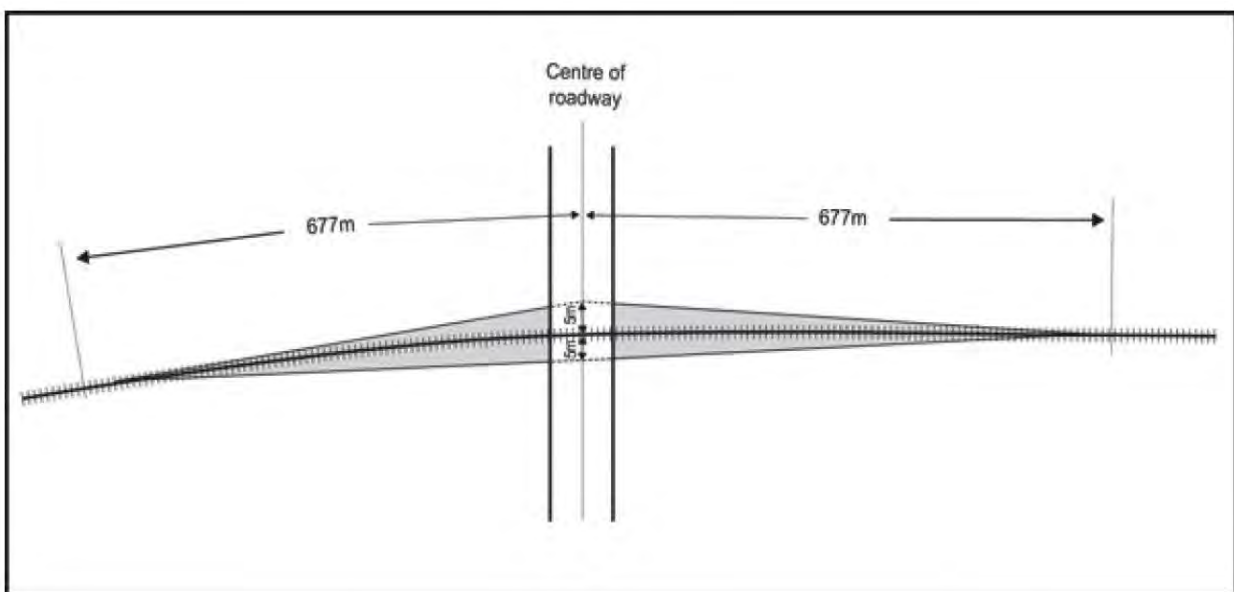


Figure 7.19: Restart sight triangles for public road/rail level crossings

Note:

1. The 5 metre distance is measured from the closest outside rail.
2. **Sight triangles for rail siding level crossings**

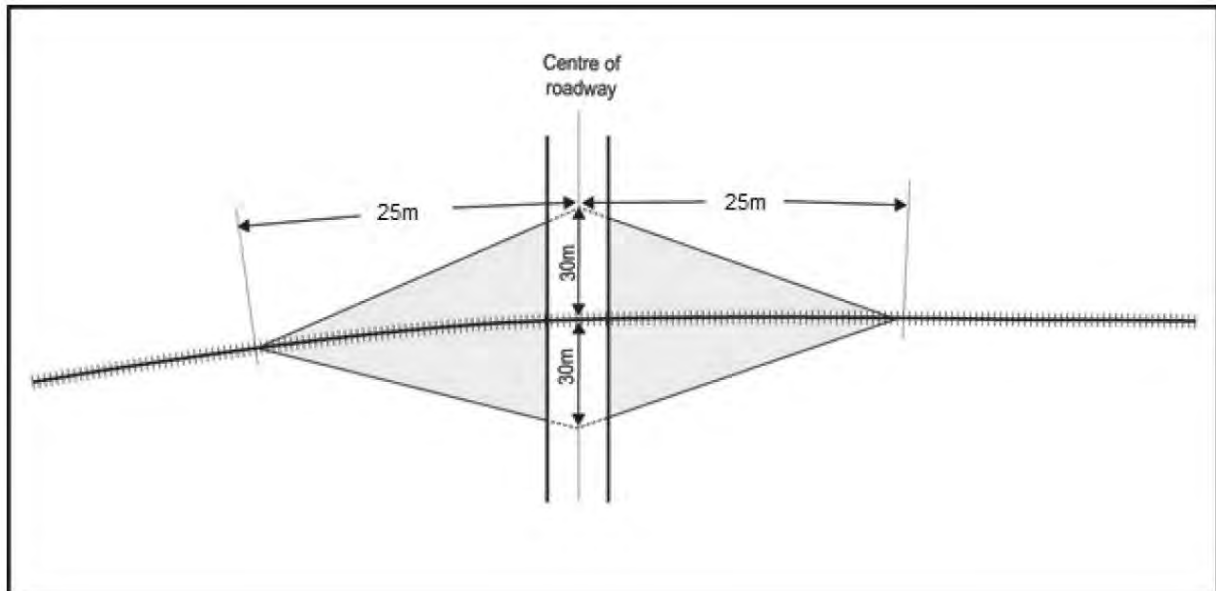


Figure 7.20: Approach sight triangles for public road/rail siding level crossings.

Note:

1. The 30 metre distance is measured from the closest outside rail.

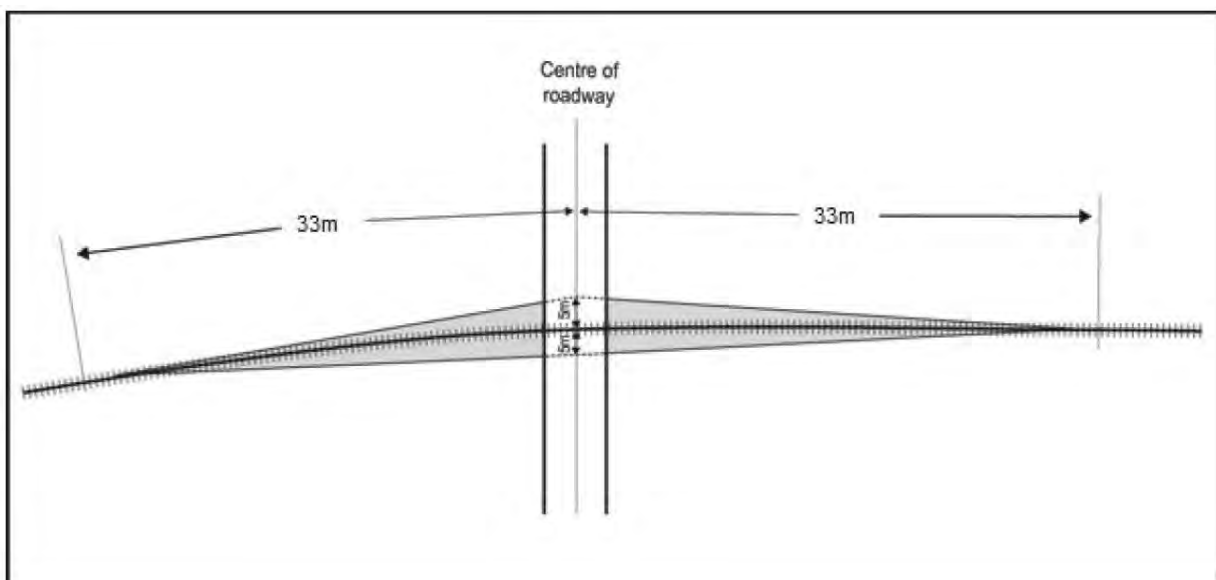


Figure 7.21: Restart sight triangles for public road/rail siding level crossings.

Note:

1. The 5 metre distance is measured from the closest outside rail.

Appendix 7.14 – Parking reduction adjustment factors

Table 7.19 Parking reduction adjustment factors

| | Factor | Description | Reduction from the minimum parking requirements |
|---|---|--|--|
| Permitted reductions (without the need for a resource consent) | | | |
| a. | Public transport accessibility | Located within a 400 metre walk by public road route of a public transport stop served by a public transport service ¹ with a frequency of at least 15 minutes on weekdays between 7am and 6pm. | Between 0-100 metres: 10% reduction per service Between 101m and 200m: 6% reduction per service. Between 201m and 400m: 3% reduction per service. Up to a maximum of 16%. |
| b. | | Located within a 200 metre walk by public road route of a public transport stop served by a public transport service with a frequency of at least 30 minutes on weekdays between 7am and 6pm. | Between 0m and 50m: 5% reduction per service. Between 51m and 125m: 3% reduction per service. Between 126m and 200m: 1% reduction per service. Up to a maximum of 8% |
| c. | Public parking facility | Located within a 400 metre walk by public road route from an offstreet car park that is available for use by the general public. | Between 0m and 50m: 10% reduction. Between 51m and 200m: 6% reduction. Between 201m and 400m: 2% reduction. |
| d. | Walking accessibility | Located within a 400 metre walk by public road route of an identified commercial Commercial core Core zone Zone (refer to Chapter 15): | Between 0m and 50m: 15% reduction. Between 51m and 200m: 10% reduction. Between 201m and 400m: 5% reduction. |
| e. | Access to a Major Cycle Route | Located within 1.2 kilometres of a Major Cycle Route . | Between 0m and 150m: 15% reduction. Between 151m and 600m: 10% reduction. Between 601m and 1,200m: 5% reduction. |
| f. | Cycle parking | The number of cycle parks (and lockers and showers) provided for the activity exceeds the requirements under Rule 7.4.2.2 (cycle parking requirements). | Cycle parking exceeds requirements by 5% to 10%: 5% reduction. Cycle parking exceeds requirements by more than 10%: 10% reduction. |
| Reductions based on assessment through the resource consent process | | | |
| g. | Mixed-use development | Developments that contain a mix of both residential activities and activities where people are employed at the site . | Up to 5% |
| h. | | There is a pedestrian access way that: | Up to 3% |

| | | | |
|----|--|---|-----------|
| | Good non-vehicular access to buildings | <ul style="list-style-type: none"> - is separated from the vehicle access and parking areas, - has a direct distance of less than 10m from a footpath on public road reserve to the activity's main building public entrance² | |
| | | Enable people in wheelchairs or mobility scooters, or who have strollers / prams to have full access to the activity. | Up to 3% |
| i | Integration with public transport | Activities that include a dedicated indoor waiting area for users of public transport or taxis that is safe, sheltered, attractive, accessible , and comfortable. | Up to 5% |
| j. | Travel plan | <p>The activity provides a travel plan that:</p> <ul style="list-style-type: none"> ▪ Includes measures to encourage public transport use ▪ Includes measures to encourage walking and cycling ▪ Includes ways to make travel by the private car more efficient (such as through car pooling) ▪ Sets out a contingency arrangement in case of overflow car parking ▪ Describes the ways in which the travel plan will be implemented ▪ Includes ways to monitor the effectiveness of the travel plan ▪ Includes enforcement measures | Up to 10% |

Notes:

1. If the activity satisfies more than one factor then each percentage can be added together to create a combined reduction (for example a 10% suggested reduction + a 5% suggested reduction + a 10% suggested reduction = 25% suggested reduction from the minimum parking requirements).
2. If an activity satisfies a factor (g - j) it should not automatically be assumed that the entire suggested percentage reduction from the minimum parking requirements should be applied. If an activity only just satisfies a factor then only part of the suggested percentage reduction should be applied. The full suggested percentage reduction should only be applied in cases where the activity substantially satisfies the factor. The exact reduction will be determined through the resource consent application.
3. For more information on [Travel Plans](#) or to see some examples of incentives to encourage active and/or public transport use, refer to www.transportforchristchurch.govt.nz/travelling-around/travel-planning/.

¹ This public transport service must be an additional public transport service from the one used to achieve the previous factor (a).

² For developments with multiple public entrances, this requirement to provide good pedestrian access applies to both the busiest public entrance and the public entrance closest to the nearest public transport stop.

Appendix 7.15 – Vehicle access to sites fronting more than one street road – In Central City

- a. If a site fronts more than one street road then vehicular vehicle access shall only be gained from the most preferred street road that the site has frontage to, as shown in Table 7.20, except that, where the higher preference street road is a one-way street road or is divided by a raised median, a second vehicle access point may be gained from the next most preferred street road. The vehicle access standard in Appendix 7.15 does not apply to the fire station site (Lot 1 DP53863).

Table 7.20 Location of access (priority ranking)

| Rank | <u>Street Road</u> class |
|------------------------|---|
| Most Preferred | Local Distributor Street outside the Core |
| 2 nd choice | Local Street outside the Core |
| 3 rd choice | Main Distributor Street outside the Core |
| 4 th choice | Arterial Route |
| 5 th choice | Local Distributor Street within the Core |
| 6 th choice | Local Street within the Core |
| Least preferred | Main Distributor within the Core |