

## 6.4 ROAD HIERARCHY

*This Schedule cross references with Section 3.2.5 Rule TRAN.1 at Page 56 and Map 66.*

National Routes	Start	Finish	Road No.
State Highway 1			
Mataura Edendale Road	District Boundary - Brydone	Crescent Road	1486
North Road	Crescent Road	Ferry Road, Edendale	1477
Salford Street	Ferry Road, Edendale	85 Salford Street, Edendale	1476
Edendale Woodlands Road	85 Salford Street, Edendale	Flemington Road, Woodlands	1523
Woodlands Invercargill Road	Flemington Road, Woodlands	District Boundary, Kennington	1620
State Highway 6			
Winton Lorneville Road	District Boundary, Makarewa	Dejoux Road, Winton	2496
Great North Road	Dejoux Road, Winton	Welsh Road, Winton	2728
Dipton Winton Road	Welsh Road, Winton	Dipton Castlerock Road, Dipton	2876
Lumsden Dipton Road	Dipton Castlerock Road, Dipton	Oxford Street, Lumsden	3057
Diana Street	Oxford Street, Lumsden	Flora Road, Lumsden	3096
Flora Road	Diana Street, Lumsden	Albion Street, Lumsden	3108
Five Rivers Lumsden Road	Albion Street, Lumsden	Mossburn Five Rivers Road	3671
Athol Five Rivers Road	Mossburn Five Rivers Road	Clyde Street, Athol	3692
Garston Athol Road	Clyde Street, Athol	Garston	3722
Kingston Garston Road	Garston	District Boundary, Kennington	3744
<b>Regional Arterial Roads</b>			
State Highway 94			
Riversdale Gore Road	District Boundary, Mandeville	Essex Street, Riversdale	3341
Newcastle Street	Essex Street, Riversdale	Riversdale Waikaia Road	3332
Lumsden Riversdale Road	Riversdale Waikaia Road	Plantation Street, Lumsden	3154
Flora Road	Plantation Street, Lumsden	Diana Street, Lumsden	3108
Mossburn Lumsden Road	Five Rivers Lumsden Road	Bath Street, Mossburn	3651
Devon Street	Bath Street, Mossburn	Cumberland Street, Mossburn	3633
Te Anau Mossburn Road	Cumberland Street, Mossburn	Manapouri Te Anau Road	3423
Luxmore Drive	Manapouri Te Anau Road	Milford Crescent, Te Anau	3528
Milford Road	Milford Crescent, Te Anau	Caswell Road, Te Anau	3521
Milford Te Anau Road	Caswell Road, Te Anau	Milford	3561
State Highway 95			
Cathedral Drive	Hillside Manapouri Road	1 km NE of Hillside Manapouri Road	3430
Manapouri Te Anau Road	Motor Camp Entrance	Te Anau Mossburn Road	3452
State Highway 96			
Hedgehope Mataura Road	Mataura Edendale Road	Hedgehope	1501
Winton Hedgehope Road	Hedgehope	Springford Street, Winton	2564
Devon Street	Springford Street, Winton	Great North Road, Winton	2740

<b>Regional Arterial Roads (continued)</b>	<b>Start</b>	<b>Finish</b>	<b>Road No.</b>
Winton Wreys Bush Road	Dipton Winton Road	Wreys Bush	2398
Wreys Bush Nightcaps Road	Wreys Bush	Nightcaps Opio Road	2203
Digger Street	Nightcaps Opio Road	Dryfe Street, Nightcaps	2196
Dryfe Street	Johnston Road, Nightcaps	Digger Street, Nightcaps	2195
Johnston Road	Dryfe Street, Nightcaps	Ettrick Street, Nightcaps	2183
Ettrick Street	Johnston Road, Nightcaps	Wairio Stream	2178
Sinclair Avenue	Wairio Stream	Brazier Road	2174
Nightcaps Ohai Road	Brazier Road	Duchess Street, Ohai	2165
Birchwood Road	Duchess Street, Ohai	Entrance to Coal Mines	2152

State Highway 99

Wallacetown Lorneville Road	District Boundary, Lorneville	Largs Street, Wallacetown	1641
Dalry Street	Largs Street, Wallacetown	Cumnock Street, Wallacetown	1654
Riverton Wallacetown Road	Cumnock Street, Wallacetown	Albany Street, Riverton	1721
High Street	Albany Street, Riverton	Downing Street, Riverton	1805
Downing Street	High Street, Riverton	Palmerston Street, Riverton	1822
Palmerston Street, Riverton	Downing Street, Riverton	Bay Road, Riverton	1808
Orepuki Riverton Road	Bay Road, Riverton	Falls Creek Road, Orepuki	1922
Stafford Street	Falls Creek Road, Orepuki	Denbigh Street, Orepuki	1982
Tuatapere Orepuki Road	Denbigh Street, Orepuki	Jenkins Road, Tuatapere	2009
Main Road	Jenkins Road, Tuatapere	Boundary Creek	2021
Orawia Road	Boundary Creek	Bridge Street, Tuatapere	2022
Bridge Street	Orawia Road, Tuatapere	Waiau River	2036
Half Mile Road	Waiau River	Papatotara Road, Tuatapere	2038
Clifden Tuatapere Road	Half Mile Road, Tuatapere	Clifden Blackmount Road	2061

**District Arterial Roads**

Argyle Otahuti Road	Riverton Wallacetown Road	Fairfax Isla Bank Road	2459
Blackmount Redcliff Road	Weir Road	Old Monowai Road	3411
Boundary Road	Fairfax Isla Bank Road	Drummond Oreti Road	2446
Clifden Blackmount Road	Ohai Clifden Road	Old Monowai Road	2082
Devery Road	Ohai Clifden Road	Otautau Tuatapere Road	2105
Drummond Oreti Road	Winton Wreys Bush Road	Boundary Road	2412
Edendale Seaward Downs Road	Cranstoun Lane, Edendale	Mataura Island Road	1276
Edendale Wyndham Road	McKinnons Road	Mataura River	1482
Essex Street	Devon Street, Mossburn	8 Essex Street	3647
Ferry Road	North Road, Edendale	McKinnons Road	1467
Ferry Street	Mataura River	Balacava Street, Wyndham	1413
Gorge Road Invercargill Road	Kennington Bluff Road	Seaward Downs Gorge Road	1204
Gropers Bush Thornbury Road	Riverton Wallacetown Road	Riverton Otautau Road	1757
High Street East	Johnston Road, Nightcaps	Golf Club Entrance, Nightcaps	2187
Hillside Manapouri Road	Waiau Street, Manapouri	Weir Road	3424
Holmes Street	Devon Street, Mossburn	Deer Plant, Mossburn	3638
Hundred Line Road East	Dipton Winton Road	Winton Wreys Bush Road	2334
Josephville St Patricks Road	Lumsden Dipton Road	Lumsden Riversdale Road	3061

<b>District Arterial Roads (continued)</b>	<b>Start</b>	<b>Finish</b>	<b>Road No.</b>
Liemen Street	Main Street, Otautau	Aparima River	2241
Lorne Dacre Road	Winton Lorneville Road	Edendale Woodlands Road	1566
Main Street	3 Main Street, Otautau	Liemen Street, Otautau	2264
Mataura Island Fortrose Road	Mataura Island Factory Road	Wyndham Letterbox Road	1124
Mataura Island Road	Edendale Seaward Downs Road	Mataura Island Factory Road	
Mossburn Five Rivers Road	8 Essex Street	Five Rivers, Lumsden	3624
Niagara Tokanui Road	Tokanui Haldane Road, Tokanui	Niagara Waikawa Road	1045
Otautau Drummond Road	Aparima River	Boundary Road	2321
Otautau Nightcaps Road	Otautau Wreys Bush Road	Golf Club Entrance, Nightcaps	2227
Otautau Tuatapere Road	Otautau Wreys Bush Road	Devery Road	2101
Otautau Wreys Bush Road	Liemen Street, Otautau	Otautau Nightcaps Road	2233
Papatowai Niagara Road	Niagara Waikawa Road	District Boundary	1001
Rakahouka Hedgehope Road	Lorne Dacre Road	Hedgehope Mataura Road	1593
Rimu Road	Kennington Bluff Road	Mokotua Road	1220
Rimu Seaward Downs Road	Mokotua Road	Edendale Seaward Downs Road	1248
Riversdale Waikaia Road	Lumsden Riversdale Road	Freshford Plains Station	3222
Riverton Otautau Road	Gropers Bush Thornbury Road	3 Main Street, Otautau	1781
Seaward Road	Ferry Road, Edendale	Cranstoun Lane, Edendale	1456
Tokanui Gorge Road	Seaward Downs Gorge Road	Tokanui Haldane Road, Tokanui	1117
Weir Road	Hillside Manapouri Road	Blackmount Redcliff Road	3426
Wreys Bush Mossburn Road	Winton Wreys Bush Road	Deer Plant, Mossburn	2363

#### **Collector Roads**

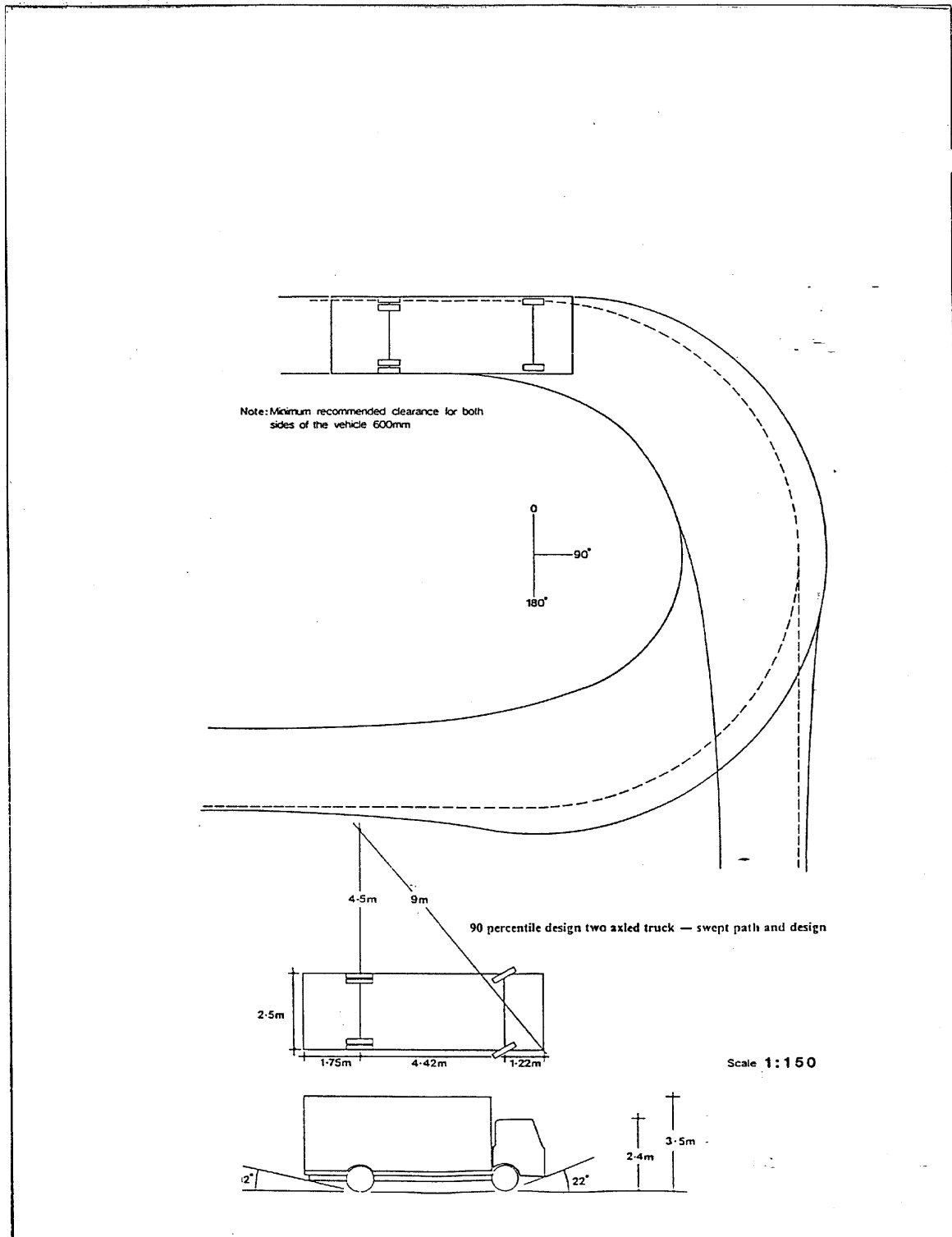
Balaclava Street	Cardigan Road, Wyndham	Ferry Street, Wyndham	1424
Balfour Ardlussa Road	Old Balfour Road	Terrace Road	3148
Boundary Road	Drummond Oreti Road	Gerrard Road	2446
Brydone Glencoe Road	Mataura Edendale Road	Hedgehope Mataura Road	1511
Cardigan Road	Balaclava Street, Wyndham	Ferry Street, Wyndham	1427
Caroline Valley Road	Lumsden Dipton Road	Dipton Balfour Road	3046
Centre Bush Otapiri Road	Dipton Winton Road	Stirling Road	2852
Cross Road	Old Dunedin Road	Brydone Glencoe Road	1517
Dacre Morton Mains Road	Edendale Woodlands Road	Rimu Seaward Downs Road	1271
Dipton Balfour Road	Caroline Valley Road	137 Queen Street, Balfour	3043
Dipton Castlerock Road	Dipton Winton Road	Mossburn Lumsden Road	3007
Dipton Mossburn Road	Dipton Stream	Wreys Bush Mossburn Road	3015
Drummond Heddon Bush Road	Gerrard Road	Hundred Line Road East	2406
Fairfax Isla Bank Road	Riverton Otautau Road	Boundary Road	2301
Ferry Street	Balaclava Street, Wyndham	Cardigan Road, Wyndham	1413
Fingerpost Pyramid Road	Riversdale Gore Road	Riversdale Pyramid Road	3301
Fleming Road	Tokanui Gorge Road	Mataura Island Fortrose Road	1142
Flemington Road	Edendale Woodlands Road	Woodlands South Road	1571
Forest Hill Crossing Road	Winton Lorneville Road	Norman Road	2536
Freshford Plains Station Road	Riversdale Waikaia Road	Maher Road	3198
Grove Bush Woodlands Road	Edendale Woodlands Road	North Makarewa Grove Bush Road	1591
Hamilton Burn Dipton Road	Dipton Castlerock Road	Dipton Stream	3005
Heddon Bush Road	Winton Wreys Bush Road	Hundred Line Road East	2390

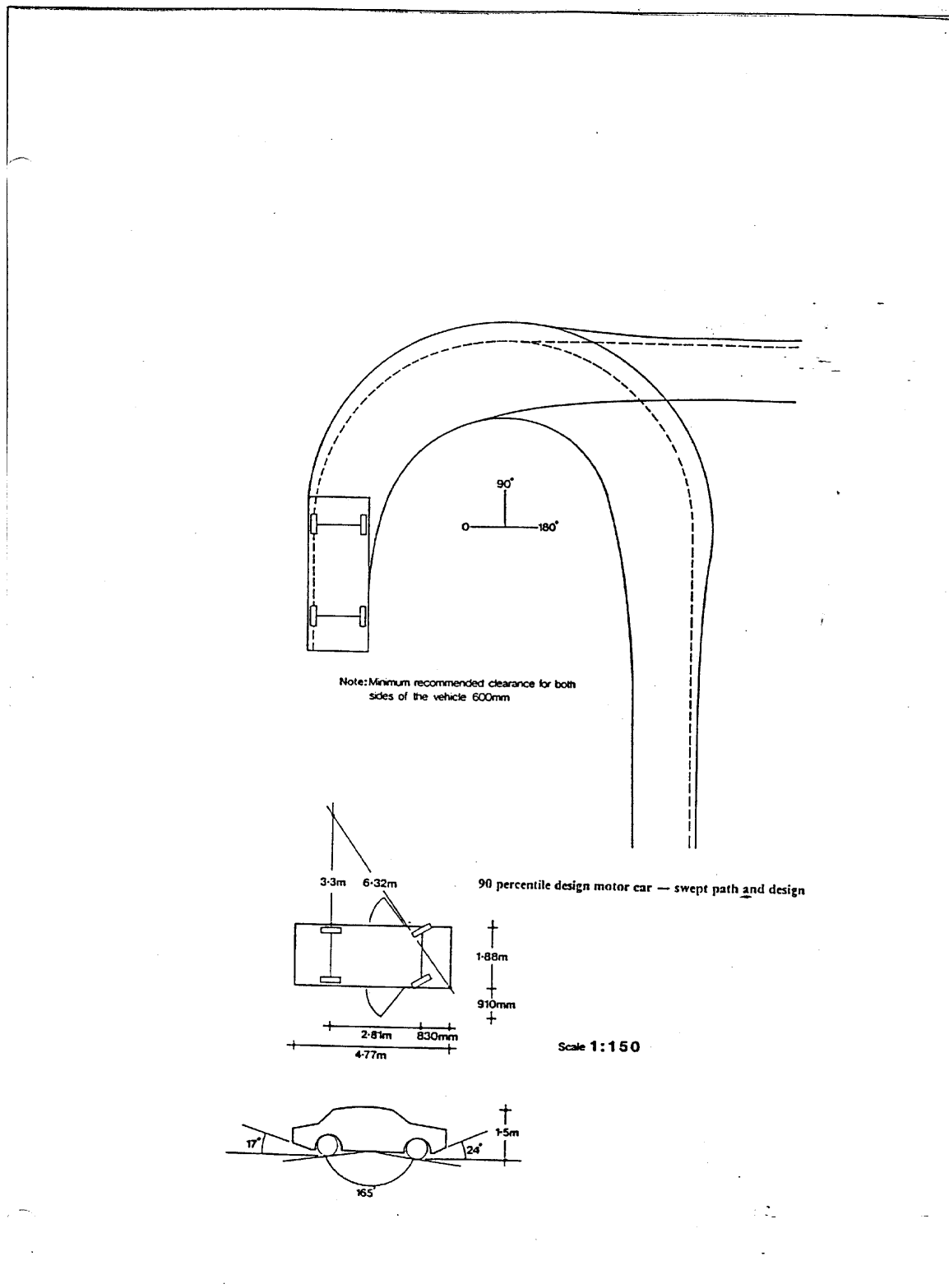
<b>Collector Roads (continued)</b>	<b>Start</b>	<b>Finish</b>	<b>Road No.</b>
Henderson Road	Limehills Browns Road	Shand Road	2631
Hillside Manapouri Road	Weir Road	Te Anau Mossburn Road	3424
Hundred Line Road East	Heddon Bush Road	Drummond Heddon Bush Road	2334
James Street	George Street, Dipton West	Hamilton Burn Dipton Road	3022
Keowns Bridge Road	Terrace Road	Mataura River	3194
Limehills Browns Road	Henderson Road	Winton Hedgehope Road	2632
Lochiel Bridge Road	Winton Lorneville Road	Oporo Flat Road	2472
Mataura Island Fortrose Road	Wyndham Letterbox Road	Tokanui Gorge Road	1124
Mataura Wyndham Road	Cardigan Road, Wyndham	District Boundary	1391
Mokoreta Tahakopa Road	Klondyke Road	District Boundary	1335
Mokotua Road	Gorge Road Invercargill Road	Rimu Road	1193
Norman Road	Forest Hill Crossing Road	Winton Hedgehope Road	2535
Old Dunedin Road	Edendale Woodlands Road	Cross Road	1518
Oporo Flat Road	Riverton Wallacetown Road	Drain Road	2469
Orawia Road	Bridge Street, Tuatapere	81 Orawia Road, Tuatapere	2022
Otautau Tuatapere Road	Devery Road	81 Orawia Road, Tuatapere	2101
Otautau Wreys Bush Road	Otautau Nightcaps Road	Winton Wreys Bush Road	2233
Plains Station Road	Mataura River	Maher Road	3195
Queen Street	Old Balfour Road	137 Queen Street, Balfour	3155
Riversdale Waikaia Road	Lumsden Riversdale Road	Wellington Street, Waikaia	3222
Riverside Road	Winton Wreys Bush Road	Hundred Line Road East	2394
Riverton Otautau Road	Riverton Wallacetown Road	Gropers Bush Thornbury Road	1781
Seaward Downs Gorge Road	Mataura Island Road	Gorge Road Invercargill Road	1262
Shand Road	Stirling Road	Henderson Road	2628
South Hillend Dipton Road	Hundred Line Road East	George Street, Dipton West	2891
Spar Bush Winton Road	Winton Wreys Bush Road	Drain Road	2413
Springhills Tussock Creek Road	Wilsons Crossing Road	Winton Hedgehope Road	2556
Terrace Road	Balfour Ardlussa Road	Keowns Bridge Road	3184
Tussock Creek Grove Bush Road	North Makarewa Grove Bush Road	Wilsons Crossing Road	1598
Waimea Valley Road	Riversdale Gore Road	Dipton Balfour Road	3167
Wilsons Crossing Road	Springhills Tussock Creek	Winton Lorneville Road	2481
Woodlands South Road	Woodlands Morton Mains Road	Rimu Road	1241
Wyndham Letterbox Road	Cardigan Road, Wyndham	Mataura Island Fortrose Road	1312
Wyndham Mokoreta Road	Cardigan Road, Wyndham	Klondyke Road	1345

### **Local Roads**

All Other Roads

## 6.5 DESIGN VEHICLES

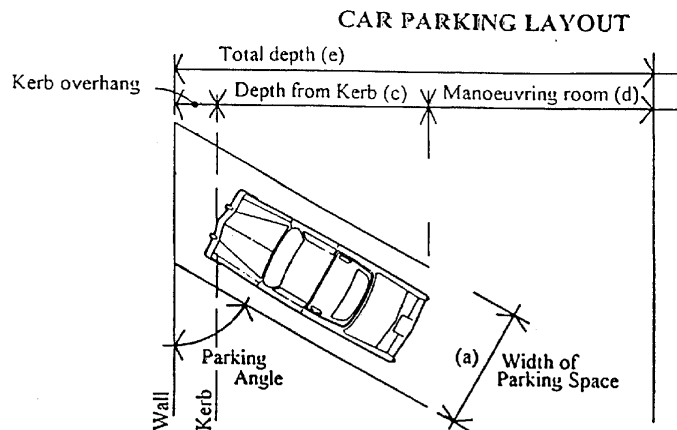




90 PERCENTILE DESIGN MOTOR CAR  
 - Swept path and design

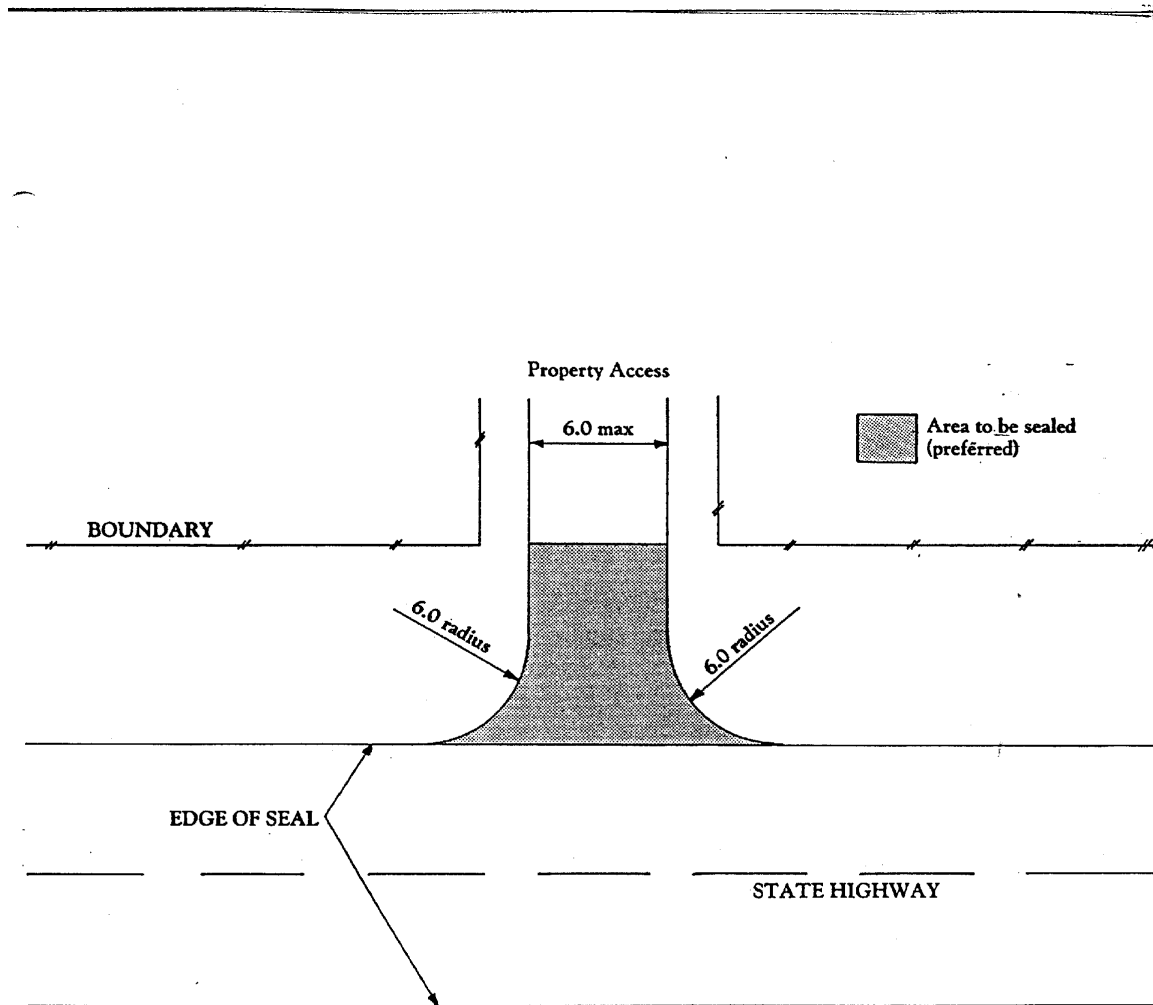
Figure 13  
 SCHEDULE 6.5

## 6.6 PARKING AND ACCESS LAYOUTS




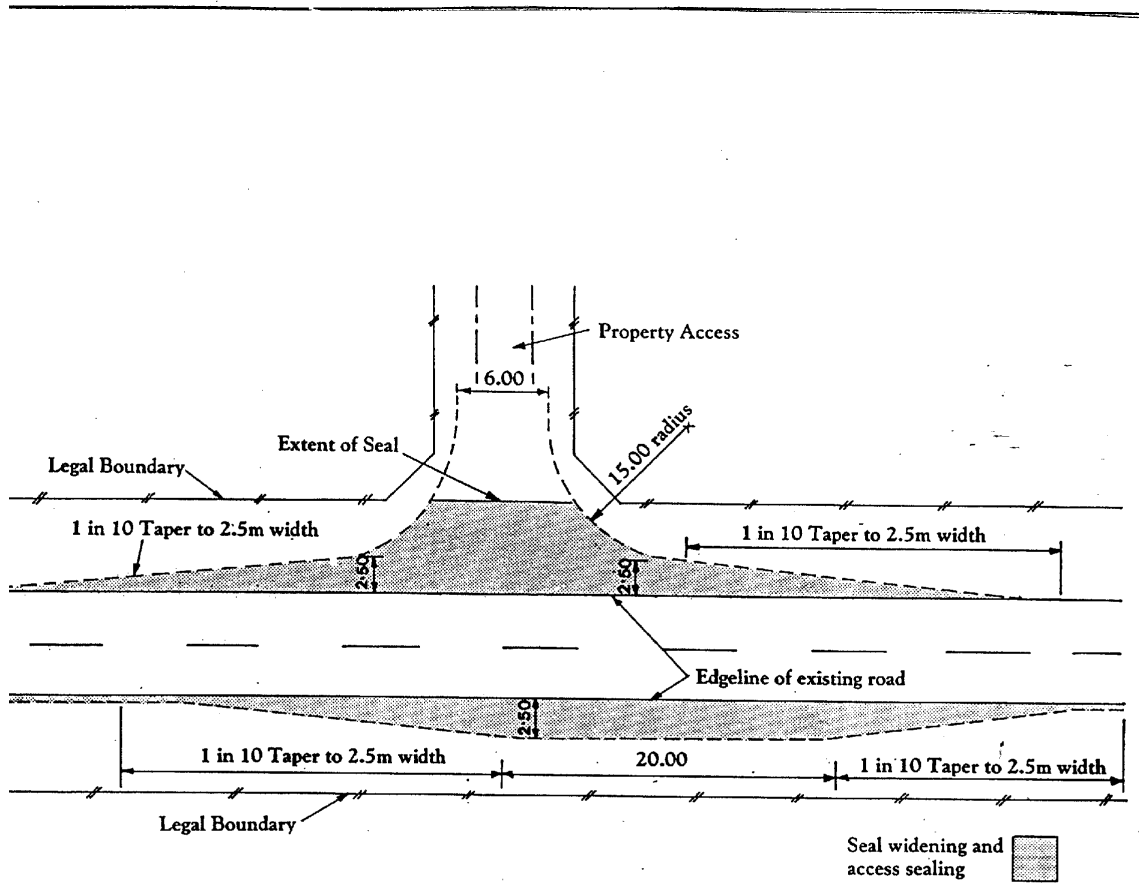
Type of Parking		Stall Width (a)	Stall Depth		Manoeuvre Width (d)	Total Depth (e)	
			from wall (b)	from kerb (c)		one row	two rows
Parking Angle	Type	ALL MEASUREMENTS ARE IN METRES					
90°	Nose in	2.4	5.1	4.1	7.9	13.0	18.1
		2.5			7.6	12.7	17.8
		2.6			7.2	12.3	17.4
		2.7			6.8	11.9	17.0
75°	Nose in	2.4	5.4	4.4	6.4	11.8	17.2
		2.5			5.8	11.2	16.6
		2.6			5.2	10.6	16.0
		2.7			4.6	10.0	15.4
60°	Nose in	2.4	5.4	4.5	4.5	9.9	15.3
		2.5			4.2	9.6	15.0
		2.6			3.9	9.3	14.7
		2.7			3.6	9.0	14.4
45°	Nose in	2.4	5.0	4.2	3.6	8.6	13.6
		2.5			3.5	8.5	13.5
		2.6			3.4	8.4	13.4
		2.7			3.3	8.3	13.3
30°	Nose in	2.4	4.3	3.7	3.0	7.3	11.6
		2.5					
		2.6					
		2.7					
0°	Parallel	2.5	Stall length 6.0m		3.7	6.2	8.7

1. Parallel parking spaces (Parking angle = 0) shall be 6.0m long, except where one end of the space is not obstructed, in which case the length of a space may be reduced to 5.0m.
2. Minimum aisle and accessway widths shall be 3.0m for one way flow, and 5.5m for two way flow. Recommended aisle and accessway widths are 3.5m for one way flow, and 6.0m for two way flow.
3. Maximum kerb height = 150mm




Source: Highway Planning under the Resource Management Act 1991  
Transit New Zealand

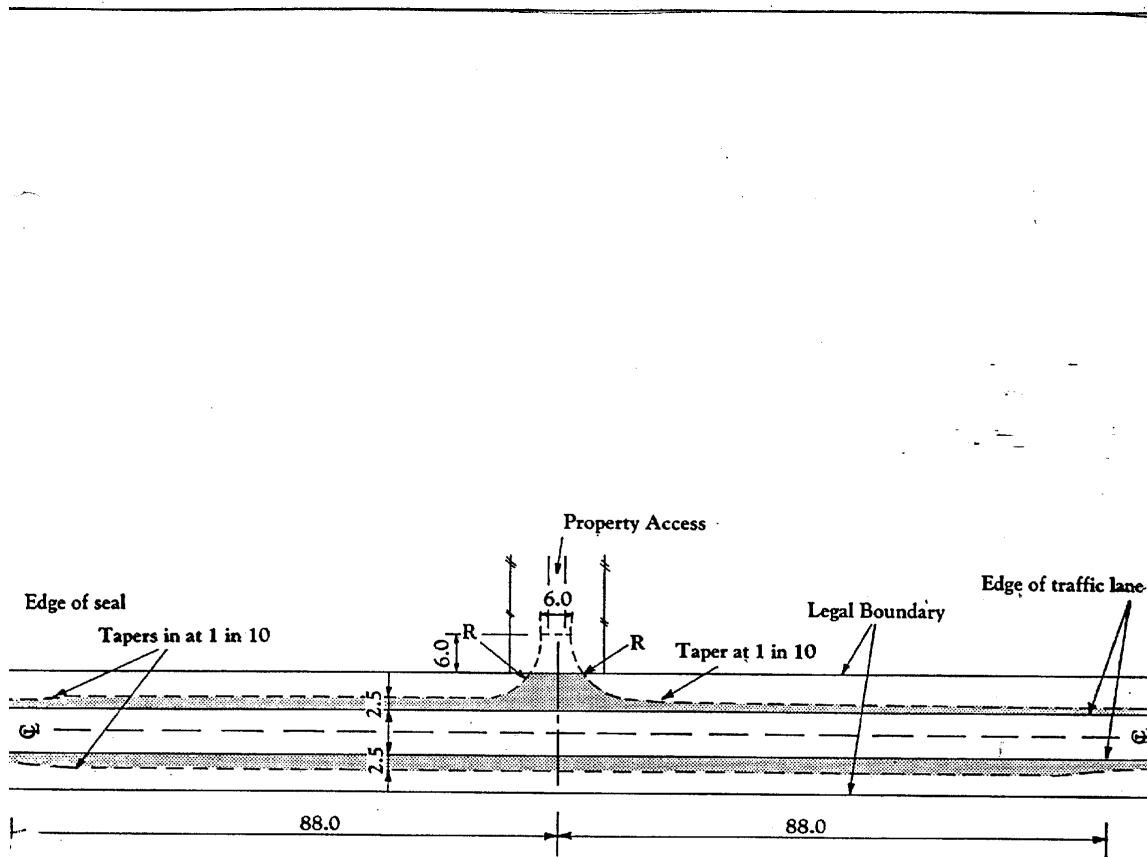
 Southland District Council	<b>PRIVATE ACCESS</b>	Diagram 2 SCHEDULE 6.6
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NOTE: All dimensions in metres

Source: Highway Planning under the Resource Management Act 1991  
Transit New Zealand


 Southland District Council	<b>PRIVATE ACCESS</b> Frequent use by heavy vehicles	Diagram 3 SCHEDULE 6.6
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Note: Radius Differences    R = 9.0m light vehicles  
                                       R = 15.0m heavy vehicles

Seal widening and  
 access sealing 

Source: Highway Planning under the Resource Management Act 1991  
 Transit New Zealand

 Southland District Council	<b>LOCALISED ROAD WIDENING          COMMERCIAL ACCESS</b>	Diagram 4 SCHEDULE 6.6.
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## 6.7 VEHICLE PARKING REQUIREMENTS

### VEHICLE PARKING REQUIREMENTS

#### Activity or Use of Land or Building

#### Spaces Required

#### RESIDENTIAL

Dwelling Unit	2 per unit
Family Flat, Townhouse, EP Housing	1 per unit
Home Occupation	1 for every non-resident employee
Papakaika	2 per unit
Houseboat	2 per unit
Motel	1 per unit
Travellers Accommodation	1 per bedroom or 1 per 4 occupants whichever is the greater

#### COMMERCIAL - INDUSTRIAL

Shops	1 per 25 m <sup>2</sup> gross floor area
Supermarket	1 per 20 m <sup>2</sup> gross floor area
Dairy or Convenience Store	1 per 40 m <sup>2</sup> gross floor area
Takeaway Food Bar	1 per 40 m <sup>2</sup> gross floor area
Service Stations	1 per 50 m <sup>2</sup> gross floor area excluding canopies over petrol pumps
Restaurant	1 per 4 seats plus 1 per staff member
Tavern	1 per 15 m <sup>2</sup> of net public floor space
Outdoor Display Area	1 per 100 m <sup>2</sup> gross display area
Vehicle Showrooms	1 per 100 m <sup>2</sup> gross floor area
Offices	1 per 35 m <sup>2</sup> gross floor area
Premises for doctors, dentists, veterinary surgeons	1 per 25 m <sup>2</sup> gross floor area
Industrial Premises and Warehouses	1 per 100 m <sup>2</sup> gross floor area or every 2 principals and employees, whichever is the greater
Industrial storage, internal or external except warehouses or vehicle showrooms	1 per 40 m <sup>2</sup> gross floor area

#### EDUCATIONAL

Childcare facility	1 per 20 m <sup>2</sup> gross floor area
Primary and Intermediate Schools (public or private)	2 for every 3 staff
Secondary School	2 for every 3 staff plus 1 for every 50 students

#### COMMUNITY/RECREATION

Places of Assembly	1 per 20 m <sup>2</sup> gross floor area
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OUTDOOR RECREATION INCLUDING  
WATER SURFACE ACTIVITIES

The space requirements will be determined by Council, taking into account such matters as:

- the scale of the park or facility
- the proposed use and its intensity
- the location of the park to the road network and other land uses
- the opportunity for 'shared' parking with adjacent developments
- the requirements of any management plan