

# ASHBURTON DISTRICT COUNCIL



## **Policy for the Use, Design, Location and Supply of Traffic Signs and Markings**

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## 1. Introduction

Traffic signs and markings are an important part of the Ashburton District Council's roading network, and are provided to aid the safe and orderly movement of both vehicular and pedestrian traffic. The requirement for clear and efficient signing and marking is therefore essential as a road with poor/or badly maintained signing and marking is an unsatisfactory road in the users view. As per Regulations 129(2) and (4) of *THE TRAFFIC REGULATIONS 1976*, signs should be erected only where there is a demonstrated need, as unnecessary signs detract from the effectiveness of those that are required. When traffic signs are required, only those with approved legends and symbols shall be erected. *Only the Minister of Transport may authorise the erection of non complying signs.*

## 2. Traffic Sign Classification and Road Hierarchy

As traffic signs are classified into different groups, and the roads in the District have been assigned priorities by way of a hierarchy system, the *MANUAL OF TRAFFIC SIGNS AND MARKINGS, PART I*, is adopted and shall be applied throughout the District.

Different criteria applies for different types of roads, and the *MANUAL OF TRAFFIC SIGNS AND MARKINGS, PART I*, distinguishes between State Highways, Major Local Roads and Minor Local Roads.

Traffic signs have been classified by function into six groups namely:

- ◆ REGULATORY (Speed Restriction, Stop, Give Way etc.)
- ◆ WARNING (Stop Ahead, Tee Junction, Y-Junction etc.)
- ◆ GUIDE (Intersection Direction, Place Name, Route Marker etc.)
- ◆ MOTORIST SERVICE (Rest Areas, Public Toilets etc.)
- ◆ TOURIST (Museums, Tourist Farms etc.)
- ◆ GENERAL INFORMATION (Slow Vehicle Bays)
- ◆ MOTORWAY

As there are no *Motorways* in the District, this section shall not apply. *Regulatory* and *Warning* signs will be provided throughout the District, as required by the Manual. For the purpose of consistency throughout New Zealand, the policy for the use, design, location and illumination of *Guide, Motorist Service, Tourist* and *General Information* signs, as set out in the Manual, will be applied.

For the purpose of applying this policy in conjunction with the Manual, the relation between the roads as listed in the District Roding Hierarchy, and the roads as referred to in the Manual, is made in *Table 2.1* below.

ROAD CLASSIFICATION AS PER THE MANUAL	ROAD CLASSIFICATION AS PER THE DISTRICT PLAN
State Highways	Arterial Roads
Major Local Roads	Principal Roads
Minor Local Roads	Collector Roads

*Table 2.1 : Relation between Roads in The Traffic Signs Manual, Part I, and ADC Road Hierarchy*

Appendix "A" lists the various roads in the District, under their relevant road hierarchy category. The respective categories have been colour coded for ease of reference, and should be read in conjunction with drawing *ADC 2255, "Ashburton District Council, Rooding Hierarchy"*. As no specific mention is made in the Manual with respect to *Local Roads*, policy for the use, design, location and illumination of *Regulatory* and *Warning* signs, will be applied as for all the other roads in the hierarchy system. For *Guide, Motor Services, Tourist* and *General Information* signs, this policy will be applied, based on the merit of each situation, and available historical case data.

Appendix "B" is an extract from the *MANUAL OF TRAFFIC SIGNS AND MARKINGS*, indicating with the assistance of a flowchart, how to determine the signing requirements for a *Motorist Service*. The Ashburton District Council envisage that the rest of signage and possibly road marking requirements will be simplified in a similar flowchart, in due course.

### 3. Traffic Marking Classification and Road Hierarchy

As traffic markings are classified into different groups, and the roads in the District have been assigned priorities by way of a hierarchy system, the *MANUAL OF TRAFFIC SIGNS AND MARKINGS, PART II*, is adopted and shall applied throughout the District.

Different criteria applies for different types of roads, and the *MANUAL OF TRAFFIC SIGNS AND MARKINGS, PART II*, distinguish between State Highway, Non State Highway Rural Roads and Non State Highway Urban Roads.

Traffic markings have been classified by way of function into five groups namely:

- ◆ NON INTERSECTION PAVEMENT MARKINGS
- ◆ INTERSECTION PAVEMENT MARKINGS
- ◆ MISCELLANEOUS PAVEMENT MARKINGS
- ◆ DELINEATION AND HAZARD MARKINGS
- ◆ MOTORWAY PAVEMENT MARKINGS

As there are no *Motorways* in the District, this section shall not apply. *All other markings will be provided throughout the District, as required by the Manual.*

For the purpose of applying this policy, in conjunction with the Manual, the relation between the roads as listed in the District Rooding Hierarchy, and the roads as referred to in the Manual, is made in *Table 3.1* below.

ROAD CLASSIFICATION AS PER THE MANUAL	ROAD HIERARCHY AS PER THE DISTRICT PLAN
State Highways	Arterial Roads
Non State Highways	
<ul style="list-style-type: none"> <li>• Rural Roads</li> </ul>	Principal & Collector Roads
<ul style="list-style-type: none"> <li>• Urban Roads</li> </ul>	Principal & Collector Roads

*Table 3.1 : Relation between Roads in The Traffic Signs Manual, Part II, and ADC Road Hierarchy*

Appendix "A" lists the various roads in the District, under their relevant road hierarchy category, as well as whether it is rural or urban. The respective categories have been colour coded for ease of reference, and

should be read in conjunction with drawing *ADC 2255, "Ashburton District Council, Roading Hierarchy"*. As no specific mention is made in the Manual with respect to *Local Roads*, policy to be applied will be based on the merit of each situation, and available historical case data. *The Manual will be applied for all the other roads, as applicable.*

## 4. Traffic Sign Policy

The Transit New Zealand Manual of Traffic Signs and Markings, Part I will apply, with the following amendments. All references made refer to the appropriate clause in the Manual for Traffic Signs and Markings, Part I.

### 4.1 Regulatory Signs

- All signs to be provided as per the Transit New Zealand Manual of Traffic Signs and Markings, Section 2, 3 and 4.
- The Ashburton District Council will be responsible for all costs related to the manufacture, erection and maintenance of such signs required, for roads under its own control.

### 4.2 Warning Signs

- All signs to be provided as per the Transit New Zealand Manual of Traffic Signs and Markings, Section 5 and 6.
- The Ashburton District Council will be responsible for all costs related to the manufacture, erection and maintenance of such signs required, for roads under its own control.

### 4.3 Guide Signs

- All signs to be provided as per the Transit New Zealand Manual of Traffic Signs and Markings, Section 7.
- The Ashburton District Council will be responsible for all costs related to the manufacture, erection and maintenance of such signs required, for roads under its own control.

### 4.4 Motorist Service Signs

- All signs to be provided as per the Transit New Zealand Manual of Traffic Signs and Markings, Section 8.
- The Ashburton District Council will be responsible for all costs related to the manufacture, erection and maintenance of such signs required, for roads under its own control.

### 4.5 Tourist Signs

All signs to be provided as per the Transit New Zealand Manual of Traffic Signs and Markings, Section 9.

To define entitlement for Tourist Signage, the following process is to be followed:

#### Step 1 (General Conditions)

Is the facility defined as a "Tourist Facility" as per Section 9.1.3(b) ?

Yes                  No - Signs are not warranted



Will signs be considered "Advertising on the approach to a community" as per Section 9.3.2(a) ?

No Yes - Signs are not warranted

Is the facility adjacent to the Main road and can suitable advertising be erected within the grounds of the facility as per Section 9.3.2(b)i ?

No Yes - Signs are not warranted

Is the facility adjacent to a Main road, as per Section 9.3.2(b)ii ?

No Yes - Signs are not warranted

Has all advertising signing erected on private property in advance of the facility been removed as per Section 9.3.2(b)ii ?

Yes No - Signs are not warranted

SIGNS MAY BE REQUIRED (Proceed with Step 2)

**Step 2 (Tourist Establishments)**

Is the facility defined as a Tourist Establishment in Section 9.5.1(a) ?

Yes No - Signs are not warranted

Is it considered a significant Tourist Attraction by the Local Regional Tourist Organisation as per Section 9.5.2(a)(i)1 ?

Yes No - Signs are not warranted

Does it cater for and is of genuine interest to the tourist as per Section 9.5.2(a)(i)2 ?

Yes No - Signs are not warranted

Does it have some interpretative value eg. work demonstration as per Section 9.5.3.2(a)(i)3 ?

Yes No - Signs are not warranted

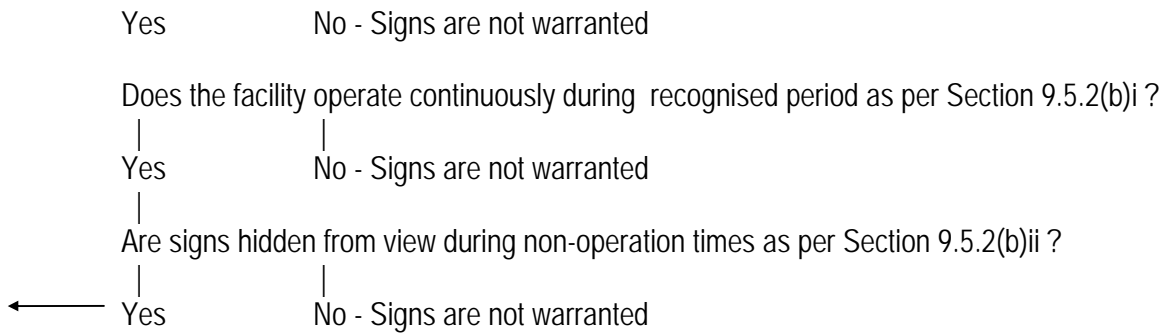
Is there adequate parking available in the immediate vicinity as per Section 9.5.2(a)ii ?

Yes No - Signs are not warranted

Is the facility open to the general public at all reasonable expected times as per Section 9.5.2(a)iii ?

Yes No

Does the facility operate a lesser period due to local factors make year round operation inappropriate as per Section 9.5.2(b) ?



SIGNS MAY BE REQUIRED

**Step 3 (Costs)**

- |   |   |  |
|---|---|--|
| Non-profit making Tourist Establishment | - | All local road tourist signing will be provided and maintained by the Ashburton District Council.  |
| Profit making Tourist Establishment     | - | The owner or operator of the establishment meets the full costs of manufacture, installation and maintenance of all signing, including advance and position signs. |

**Step 4 (General)**

- Placement, height, supports and specification of all signs as per Section 1.
- Sign colours and details as per Section 9.2.
- Provision of Advance Signs as per Section 9.3.3.
- Provision of Position Signs as per Section 9.3.4.

**4.6 General Information Signs (incl. Fingerboards)**

All signs to be provided as per the Draft Transit New Zealand Document (copy attached for comment), which is to form part of the Manual of Traffic Signs and Markings, Section 10.

***Local Community Service and Facility Signs (Town Halls, Hospitals, Tertiary Education Institutions, Sporting and Recreational Grounds and Facilities etc.)***

- The Ashburton District Council will be responsible for all costs related to the manufacture, erection and maintenance of such signs required, for **qualifying non-profit** facilities, which is to be sought by significant amount of strangers to the Ashburton District. Group commercial facilities such as shopping centres may be considered for signing.
- Sign shape and colour to be as per Section 10.2.2
- Location, mounting and quantity of signs required shall be as per Section 10.2.3
- Signing of Major Local Facilities (Universities, Major Sporting Venues etc.) may require conventional direction signs as per Section 7.

***Advisory Signs (Heavy Traffic By Passes, “No Exit” Roads, Construction Zones “Turn Left At Any Time”etc.)***

- The Ashburton District Council will be responsible for all costs related to the manufacture, erection and maintenance of such signs required, for roads under its control.
- Sign shape and colour to be as per Section 10.3.2

- Location and Mounting of signs required shall be as per Section 10.3.3

***Local Detail Signs (Regional/Local Authority Boundaries, River/Stream Names High Point Position/Elevation the Road etc.)***

- The Ashburton District Council will be responsible for all costs related to the manufacture, erection and maintenance of such signs required, for roads under its control.
- Sign shape and colour to be as per Section 10.4.2
- Location and mounting of signs required shall be as per Section 10.4.3

#### **4.7 General**

- The Ashburton District Council reserves the right to have signs (excluding regulatory and warning signs) removed at its own discretion
- The Ashburton District Council indemnifies itself from any liability for damage caused by signs erected at the cost of private facilities, within the road reserve.
- The Ashburton District Council reserves the right to limit the number of signs (excluding regulatory and warning signs) to be erected at any one location and for any single establishment or site.
- District Plan requirements will be applied where appropriate.
- Upgrading of all non-regulatory signs for which Council has responsibility, to Policy standards, will be carried out within budget constraints.

## **5. Traffic Marking Policy**

The Transit New Zealand Manual of Traffic Signs and Markings, Part II will apply, with the following amendments. All references made, refer to the appropriate clause in the Manual of Traffic Signs and Markings, Part II.

### **5.1 Arterial and Principal Roads**

All Arterial or Principal roads will be programmed to have:

- Edgelines (100mm wide) entire length of Road
- Reflective Raised Pavement Markers (R.R.P.M's)
- Post Mounted Delineators (P.M.D's)
- Painted Central Medians (flush medians) as required

#### ***General Notes:***

- All markings are to comply with TNZ specifications and Standards (including TNZ Manual of Signs and Markings).
- Edgelines are to be marked no less than 100mm from seal edge.
- Minimum allowable lane widths for a centreline is 3.0m
  
- No stopping lines are to be installed where distance between edgeline and seal edge is less than 1.8m (kerbed sections).

### **5.2 Collector Roads**

All Collector roads will be programmed to have:

#### ***Urban:***

- Minimum allowable width for centreline marking is 3.0m / lane.
- Edgelines to be marked where there is no Kerb & Channeling.
- Edgelines to be marked no less than 100mm from edge of seal.

*Rural:*

- Centrelines on roads with sealed carriageway greater than 6.0m
- Maximum allowable lane width 3.5m
- Edgelines (100mm wide) entire length of Road.
- Reflective Raised Pavement Markers (R.R.P.M's) on centrelines
- Post Mounted Delineators (P.M.D's) where no Kerb & Channel.

### **5.3 Local Roads**

All Local roads will be programmed to have:

*Urban:*

- No treatment
- Intersection controls (if applicable) and as per RTS1 "Guide for the Implementation of Traffic Controls at Crossroads".

*Rural:*

- Treatment dependant on traffic volume.
- Refer RTS5 "Guidelines for Road Marking and Delineation" Tables 5.1 and 5.

### **5.4 General**

- District Plan requirements will be applied where appropriate.
- Upgrading of all markings for which Council has responsibility, to Policy standards, will be carried out within budget constraints.

## **6. Summary**

Uniform signing and pavement and roadside markings form an integral part of the Ashburton District Council's roading network. When providing signs and marking roads which have to cater for large volumes and high speed manoeuvres, it is necessary to use additional signs and markings that have greater impact than those used on roads lower in the hierarchy. For this purpose the above policy has been adopted, and the relation between roads as listed in *THE MANUAL OF TRAFFIC SIGNS AND MARKINGS*, and roads as listed in the *DISTRICT PLAN*, have been defined.

*All signs and markings used on or alongside roads under the control of the Ashburton District Council, will be authorised and maintained in a good condition to remain effective, by the Ashburton District Council, according to the guidelines of the adopted policy, and all subsequent guidelines as approved and issued by Transit New Zealand.*

## **APPENDIX “A”**

### **ASHBURTON DISTRICT COUNCIL ROADING HIERARCHY**

## APPENDIX “A”

### ASHBURTON DISTRICT COUNCIL ROADING HIERARCHY

ARTERIAL ROADS (State Highways, Urban and Rural)

State Highway 1 throughout the district.

State Highway 77, being Arundel Rakaia Gorge Road from  
Rakaia Gorge Bridge to Waimarama Road  
Waimarama Road  
Ashburton Rakaia Gorge Road  
Alford Forest Road  
River Terrace  
Moore Street, from River Terrace to State Highway 1.

*Route 72, being Arundel Rakaia Gorge Road from  
Waimarama Road to Arundel Bridge.*

PRINCIPAL ROADS (Major Local Roads, Manual Part I, Urban Roads, Manual Part II)

Belt Road  
Bremners Road, from Seafield to East Street  
Bridge Street (Ashburton), from Walnut Avenue to Seafield Road  
Chalmers Avenue, from South Street to Walnut Avenue  
Elizabeth Avenue (Rakaia), from State Highway 1 to West Town Belt  
Farm Road, from State Highway 77 to Harrison Street  
Harrison Street, from Farm Road to Oak Grove  
Laghmor Road  
Moore Street, from State Highway 1 to Chalmers Avenue  
Oak Grove  
Racecourse Road  
Seafield Road, from Bremners Road to Company Road  
South Street, from SH1 to Chalmers Avenue  
South Town Belt (Rakaia), from State Highway 1 to Thompsons Track  
Walnut Avenue

PRINCIPAL ROADS (Major Local Roads, Manual Part I, Rural Roads, Manual Part II)

Ashburton Staveley Road, from State Highway 77 to Thompsons Track  
Beach Road, from Chalmers Avenue to Wilsons Road  
Cracroft Maronan Road, from Trevors Road (Carew) to Maronan Ealing Road  
Grahams Road, from SH1 to Boundary Road (including Graham Street)  
Hinds Arundel Road, from Trevors Road to Route 72  
Longbeach Road, from State Highway 1 to Surveyors Road

**PRINCIPAL ROADS (Major Local Roads, Manual Part I, Rural Roads, Manual Part II)**

Maronan Ealing Road, from Cracraft Maronan Road to Maronan Road  
Maronan Road  
Mayfield Valetta Road  
Rakaia Barrhill Methven Road  
Thompsons Track  
Tinwald Westerfield Mayfield Road  
Tramway Road  
Trevors Road (Carew)

**COLLECTOR ROADS (Minor Local Roads, Manual Part I, Urban Roads, Manual Part II)**

Allens Road  
Cass Street, from Victoria Street to Moore Street  
Creek Road  
East Street, from Seafield Road to Havelock Street  
Elizabeth Avenue, from State Highway 1 to Old Main South Road  
Elizabeth Street, from Allens Road to Walker Street  
Forest Drive  
Havelock Street, from Walker Street to Cass Street  
Melcombe Street, from Lagmhor Road to State Highway 1  
Old Main South Road (Rakaia) from Elizabeth Avenue to Acton Road  
Robinson Street  
Smallbone Drive  
Victoria Street, from Cass Street to Chalmers Avenue  
Wakanui Road, from Chalmers Avenue to Trevors Road  
Walker Street, from State Highway 77 to Elizabeth Street

**COLLECTOR ROADS (Minor Local Roads, Manual Part I, Rural Roads, Manual Part II)**

Acton Road  
Ashburton Gorge Road  
Ashburton Staveley Road, from Thompsons Track to Springburn Staveley Road  
Barnswood Road  
Beach Road, from Christys Road to Wakanui School Road.  
Carters Road, from Maronan Ealing Road to Lismore School Road  
Christys Road  
Company Road  
Ealing Coldstream Road  
Emersons Road  
Fitzgerald Road  
Forks Road  
Giddings Road, from Withells Road to Maronan Ealing Road  
Grahams Road, from Boundary Road to Longbeach Road  
Hinds Arundel Road, from Rhodes Street to Trevors Road (Carew)  
Hinds Lismore Road, from State Highway 1 to Rhodes Street  
Hinds Rangitata Mouth Road

**COLLECTOR ROADS (Minor Local Roads, Manual Part I, Rural Roads, Manual Part II)**

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Isleworth Road  
Junction Road  
Lauriston Barrhill Road  
Line Road  
Lismore Mayfield Road  
Longbeach Road, from Surveyors Road to Grahams Road  
Maronan Ealing Road, from Giddings Road to Maronan Road  
Maronan Valetta Road  
Mayfield Klondyke Road, from Arundel Rakaia Gorge Road to Hinds Gorge Road  
McCrorys Road  
Methven Chertsey Road, from State Highway 77 to Line Road  
Mitcham Road  
Pendarves Rakaia Road  
Poplar Road  
Pudding Hill Road, from Forest Drive to Arundel Rakaia Gorge Road  
Rhodes Street, from Hinds Lismore Road to Hinds Arundel Road  
River Road, from Fitzgerald Road to Hakatere Huts  
Seafield Road, from Company Road to Christys Road  
Shepherds Bush Road, from Arundel Rakaia Gorge Road to Ruapuna School Road  
Smallbone Drive  
Springburn Staveley Road  
Valetta Westerfield Road  
Wakanui School Road, from Beach Road to Wilsons Road  
Walker Street, from State Highway 77 to Elizabeth Street  
Wilsons Road  
Winchmore Lauriston Road  
Withells Road, from State Highway 1 to Giddings Road

 **LOCAL ROADS**

All other roads.

## **APPENDIX “B”**

### **FLOWCHART TO DETERMINE THE SIGNING REQUIREMENTS FOR A MOTORIST SERVICE**

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INSERT FLOWCHART

## **APPENDIX “C”**

### **FLOWCHART TO DETERMINE THE SIGNING REQUIREMENTS FOR A TOURIST ESTABLISHMENT**

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