



RTL

2026



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-  [@rtlroadsigns](#)
-  [@rtlsignsnz](#)
-  [@roadsigns](#)

NEED HELP FINDING A SIGN?

Check out Our Code Finder:

Search the sign you require by typing a key word or one of the sign codes into the sign search bar. The Code Finder will automatically generate suggestions:

www.rtl.co.nz/specifications

Note: Whilst every endeavour was made to contain up-to-date information at the time of print, we recommend that you check the NZ Transport Agency website for signs & codes, and contact us for the latest product information and specifications.

ABOUT US

At RTL, our commitment to safety is at the core of everything we do. We strive to create a safe and secure environment for our customers, teams, and the communities we serve. We prioritize the well-being of our stakeholders by implementing rigorous safety protocols, adhering to industry standards, and continuously improving our practices. We foster a culture of accountability and integrity, where every team member is responsible for upholding safety as a top priority.

Our team is dedicated to providing products and services that not only meet the highest safety standards but also exceed customer expectations. We work to instil confidence in our customers, knowing that they can rely on us for dependable and secure solutions. Innovation is at the heart of our approach to safety. We constantly seek new technologies, methodologies, and best practices to enhance the safety of our products, services, and operations. By embracing innovation, we aim to stay ahead of emerging challenges and proactively address safety concerns.

We have an experienced team who actively engage with industry partners, regulatory bodies, and communities to share knowledge, collaborate on safety initiatives, and contribute to the development of industry-wide safety standards.

At RTL, we understand that safety is not just a responsibility but a privilege. We are passionate about protecting lives, preventing accidents, and creating a lasting impact on the safety landscape. Through our dedication to safety, we aim to build lasting relationships, drive sustainable growth, and make a positive difference in the world.

OUR CORE VALUES

Integrity

Learning & Development

Quality

Family

Fun



OUR TERRITORY MANAGERS



Naomi Chew-Lit
Email: naomi.chewlit@rtl.co.nz



Talei Lawrence
Email: talei.lawrence@rtl.co.nz



Shaun Watt
Email: shaun.watt@rtl.co.nz



Devon Gee
Email: devon.gee@rtl.co.nz

Backed by a wider team including Customer Services, After Sales & Electronics, Products & Compliance, Contracts & Tenders, and Operations.

OUR SERVICE

RTL supports our customers and RCA's with After Sales and Care and Support, Preventative Maintenance Plans, Contracts and Tender Management, Sign Installation, Project Management, Sign Consultancy, Signage and Graphic Design, Sign Branding, Cone Branding & Cone Recycling.

Sign Consultancy

Sign Design

Large Sign and Guide Sign Design

Up-to-date compliance information

Preventative Maintenance Plans

Repairs & Servicing

Scorpion Re-certifications

Innovation & Development

Training & Support

Toolbox Talks

Know How & Videos

Sustainability

Web: www.rtl.co.nz

Free Phone: 0800 785 744

Email: sales@rtl.co.nz

Email: service@rtl.co.nz

OUR BRANCHES

Branch:

Auckland

Wellington

Christchurch

Invercargill

Address:

31 Maurice Road, Penrose

4B Button Lane, Waitangirua, Porirua

8a Cable Street, Sockburn

88 Bill Richardson Drive, Avenal

Number:

Ph: 09 259 2600

Ph: 04 232 3774



Ph: 03 336 0086

Ph: 03 211 0300

GUARANTEE

RTL prides itself in providing quality signs and guarantees all of its products against defects in material and workmanship at the time of delivery. If any RTL product is defective at the time of delivery, and provided the defect or damage is attributable solely to RTL it will, at its discretion, repair or replace that product without charge, including freight within New Zealand. The obligations of RTL under this guarantee are limited to the repair or the replacement of the product and do not extend to any consequential loss or damage. It is for the purchaser to specify correctly to RTL the choice of copy, finish, material or colour and also for the purchaser to satisfy itself as to the quality, and/or fitness for purpose of the particular product. All statutory and other warranties are hereby excluded. The installation, location or use of any products supplied by RTL shall be the sole responsibility of the purchaser.

REFLECTIVE SHEETING GUIDE

| SHEETING NAME & DETAILS | FACE PATTERN | USAGE GUIDELINES & SERVICE LIFE |
|---|--|---|
| Engineer Grade - EG T-1500 EG Series AS/NZS 1906.1 Class 100, ASTM Type I | No face pattern. | Lowest cost reflective sheeting specified for use in traffic applications. Parking signs. Outdoor recreation signs. Service life exceeds 7 years. |
| High Intensity Prismatic - HIP T-6500 HIP Series AS/NZS 1906.1 Class 400 ASTM Type III and ASTM Type IV | Hexagonal (honeycomb) Pattern with "HIP" watermark and pre-printed lot number identification (eg. 4A2116) on the face film for tracking and authentication. | Excellent value grade of prismatic reflective sheeting. Used for most permanent traffic signs. Service life exceeds 10 years when combined with Avery Dennison OL-2000 Series transparent coloured films or 12 years when combined with OL-1000 anti graffiti film. |
| OmniCube T-11500 OmniCube Series AS/NZS 1906.1 Class 1100 ASTM TypeXI  Certified Authorised Converter | Hexagonal (honeycomb) Pattern with watermark and pre-printed lot number identification (eg. 4A2116) on the face film for tracking and authentication.  | Highest grade of prismatic reflective sheeting. Full cube prisms are 100% efficient in returning light back to the driver, using intelligent cube technology. It is the perfect choice for high reflectivity at both long and short distances and it has a wide viewing angle. Service life exceeds 12 years when combined with Avery Dennison OL-2000 series transparent coloured films, or 15 years when combined with OL-1000 anti graffiti film. |

The colours below represent the different reflective sheeting used in our Temporary Warning sign range.

| | | | | | |
|--|----------------------------------|--|-----------------------|--|---------------------|
| | Fluorescent HIP Orange eg T1A | | HIP Orange eg TL96 | | HIP White eg T1B |
|--|----------------------------------|--|-----------------------|--|---------------------|



TEMPORARY WARNING SIGNS

SIGN SIZE GUIDE

Standard Sign Sizes - Level 1



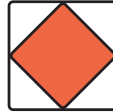
750 x 750



1 line
supplementary
900 x 300



2 line
supplementary
900 x 450

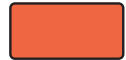


1200 x 1200

Standard Sign Sizes - Level 2/3



1 line
supplementary
1200 x 450



2 line
supplementary
1200 x 600

T1 TEMPORARY - ROAD WORKER

T1A



TW-1A

T1B



TW-1B

T121

NEXT 2 km

Also available with
backing board and
in:- 1km, 3km & 4km

TW-1.1

T131

NEW SEAL

TW1-2.1

T145

WET TAR

TW-1.2.2

T132

GRADER

TW-1.3

T133

SKID
TESTING

TW-1.3

T134

ROAD
MARKING

TW-1.4

T135

ON SIDE
ROAD

TW-1.5

T136

MOWER

TW-1.3

T137

WEED
SPRAYER

TW-1.3

T138

SHOULDER
CLOSED

TW-1.6

T139

SURVEYING

TW-1.7

T140

BRIDGE
REPAIRS

TW-1.8

T141



1200 x 1800

TW-1B.1.1

T142

1 km

Variation: 2km

1200 x 600

TW-1B.1.1(Alt)

T143



2400 x 1800

TW-1B2.1

T144

10 km/h
AHEAD

Variations:
20km to 80km

TW-1B3

TV TEMPORARY - VEHICLE MOUNTED

TV1

PILOT CAR
FOLLOW ME

TW-25

TV2

ROAD
WORKS

TW-26

TV3

ROAD
INSPECTION

TW-27

TV4

PASS WITH
CARE

TW-34

Pass with Care

PASS WITH
CARE

Right
Pass with Care





























TW-34 with RG-17 or 34

TCD Code
MOTSAM









Please refer to the latest edition of the TCD Rule and CoPTTM / M23 Appendix F for sign specifications

T2 - TEMPORARY - HAZARD WARNING

| | | | | | | |
|--|--|--|---|--|--|--|
| T2A | T2B | T211 | T212 | T213 | T214 | T215 |
|  |  |  |  |  |  |  |
| TW-2A | TW-2B | TW-2.1 | TW-2.2 | TW-2.3 | TW-2.4 | TW-2.5 |
| T216 | T217 | T218 | T219 | T220 | T221 | T222 |
|  |  |  |  |  |  |  |
| TW-2.6 | TW-2.7 | TW-2.8 | TW-2.9 | TW-2.10 | TW-2.11 | TW-2.12 |
| T223 | T224 | T225 | T226 | T227 | T228 | T229 |
|  |  |  |  |  |  |  |
| TW-2.14 | TW-2.15 | TW-2.17 | TW-2.18 | TW-2.13.1 | TW-2.13.2 | TW-2.13.3 |
| T230 | T231 | T232 | T233 | T234 | T235 | T236 |
|  |  |  |  |  |  |  |
| TW-2.16.1 | TW-2.16.2 | TW-2.16.3 | - | - | - | - |

TF TEMPORARY - FAUNA / ANIMALS

| | | | |
|---|---|---|--|
| T237 | T238 | TF1 | TF2 |
|  |  |  |  |
| - | - | TW-6A | TW-6.1B |
| | |  |  |
| | | TW-6.1A | TW-6.1B |

SIGN BRANDING SERVICE

To enhance your company profile and quickly identify your gear onsite, RTL can brand your company logo onto TW signage.

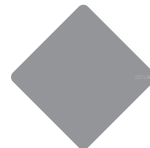
Call us today about branding your signs.

Please refer to CoPTTM / NZGTTM for logo specifications.



TEMPORARY

Logo Punch



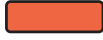
Logo Engrave

SIGN SIZE GUIDE

Standard Sign Sizes - Level 1



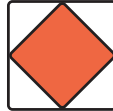
750 x 750



1 line
supplementary
900 x 300



2 line
supplementary
900 x 450



1200 x 1200

Standard Sign Sizes - Level 2/3



1 line
supplementary
1200 x 450



2 line
supplementary
1200 x 600

TL TEMPORARY - LANE USE / MANAGEMENT

Left hand version shown
Right hand version available

TL2L



Right: TL2R

TW-7

TL3L



Right: TL33

TW-7.1

TL31



Right: TL32

TW-7.1.1

TL4L



Size: 1500 x 1200

TW-7.2

TL5L



TW-8

TL6L



Size: 1500 x 1200

TW-8.1

TL71



TW-9

TL72



TW-10

TL81



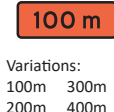
TW-11

TL82



TW-12

TLS



Variations:
100m 300m
200m 400m

-

TCD Code
MOTSAM

TL9L



Left

TW-13

TL9R



Right

TW-13

TL9B



TW-13.1

TL9S



TW-13

TL1A



TW-35A

TL1B



TW-35B

TR TEMPORARY - ROAD SURFACE

Left hand version shown
Right hand version available

TR1LA



Left

TW-3A

TR1LB



TW-3B

TR2A



TW-4A

TR2B



TW-4B

TR21



TW-4.1

-



-

TR3A



TW-5A

TR3B



TW-5B

TR31



TW-5.1

TR32



TW-5.2

TR4A



TW-36A







TR4B









TW-36B



SIGN SIZE GUIDE




Standard Sign Sizes

| | | | | | |
|---|---|---|---|---|--|
|  |  |  |  |  |  |
| Detour Direction Level 1: 900 x 300 Level 2: 1200 x 450 | Detour Ends Level 1: 900 x 450 Level 2: 1200 x 600 | Level 1: 1000 x 750 | Level 2: 1500 x 1200 | 325 x 325 x 325 | 1200 x 1200 |

























TD TEMPORARY - DETOUR

| | | | | | |
|--|--|---|---|---|--|
| TD1  TW-20 | TD2  TW-20.1 | TD3A  TW-21 | TD3B  TW-21 | TD3C  TW-21 | TD3D  TW-21 |
|--|--|---|---|---|--|








| | |
|---|--|
| TD3E  - | TD5  TW-23 |
|---|--|

| | | |
|--|--|--|
| RP4  TW-33 | RP41  TW-33 | RP42  Please specify if SLOW - |
|--|--|--|

TD3E Detour Direction

| | | | | |
|--------------------|--|--|--|---|
| Turn Left | TDA1  | TDB1  | TDC1  | TDD1  |
| Turn Right | TDA2  | TDB2  | TDC2  | TDD2  |
| Veer Left | TDA3  | TDB3  | TDC3  | TDD3  |
| Veer Right | TDA4  | TDB4  | TDC4  | TDD4  |
| Straight LH | TDA5  | TDB5  | TDC5  | TDD5  |
| Straight RH | TDA6  | TDB6  | TDC6  | TDD6  |

TZ TEMPORARY - MISCELLANEOUS

| | | | | | |
|--|--|---|---|---|---|
| TZ1L  Variation: 200m TW-28 | TZ1R  Variation: 200m TW-28 | TZ2L  TW-29 | TZ2R  TW-29 | Concrete Barrier Delineators MD17 01  Left showing. Right available | Temporary Bus Stop Signs   |
|--|--|---|---|---|---|

SIGN SIZE GUIDE

Standard Sign Sizes - Level 1



750 x 750



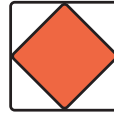
1 line
supplementary
900 x 300



2 line
supplementary
900 x 450



2 line
supplementary
900 x 450



1200 x 1200

Standard Sign Sizes - Level 2/3



1 line
supplementary
1200 x 450



2 line
supplementary
1200 x 600

TU TEMPORARY - USERS, NON - MOTORISED

TU1



TW-30

TU2



TW-31

TU31



TW-32

TU32



TW-32

TU33



TW-32

TU34



TW-32

TU35



TW-32

TU36



TW-32

TU41



TW-32

TU42



TW-32

TU43



TW-32

TU44



TW-32

TU45



TW-32

TU46



TW-32

TG TEMPORARY - GENERAL SUPPLEMENTARY

TG1



RG-4S

TG2



TW-16

TG31



TW-17

TG32



TW-16/17

TG4



TW-19

TG51



1200 x 800

TW-24.1

TG52



1200 x 800

TW-24.1

TA TEMPORARY - ADVANCE WARNING OF TCD

TA1



TW-14A

TA1



TW-14B

TA2



TW-15A

TA21



TW-18

TA2



TW-15B

TA21



TW-18

RP62



-

OTHER TEMPORARY WORK ZONE SIGNS

Left hand version shown
Right hand version available

Speed limits



RG-4

Level 1
750 MKL



Level 2/3
1200 HKL

Keep Left / Right



RG-17

Keep Left
Twin Disc
Cone
Mounted



RG-17.1

Single Lane
Give way



RG-19

GIVE WAY

RG-19.1

Single Lane
Priority



RG-20

No Left Turn



RG-8

Road Closed



RG-16

No Entry



RG-9

RG-7 No Right Turn
also available

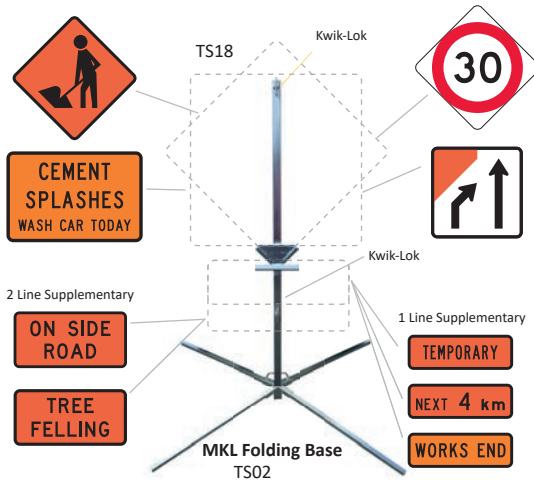
TEMPORARY WARNING STANDS

LEVEL ONE TEMPORARY SYSTEM

HKL KWIK-LOK™

Features:

- One Sign support fits all
- Fast and efficient sign changing
- Double, single sided or half height stands
- Panel storage rack and accessories available
- Streamlined
- Lockable
- Lightweight and user friendly



1200 Series TW System

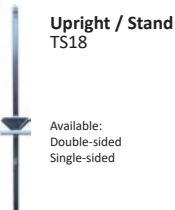
Level 2/3

Level 2/3 Base Range

Fixed Base
TS02



STANDS & BASES



FLEXI-LITE™ RANGE

TEMPORARY SPEED HUMPS

Flexi-Lite™ Car Kit

A simple, easy to use solution that can be set up in an instant to warn motorists that you are working on the road.



Package:
Comes with adjustable straps and a bungy cord to suit different vehicle types, from a car to a van!
Custom Legends Available



Flexi-Lite™ Signs

Our Flexi-Lite™ Range is an easy to use, light weight, highly portable alternative to aluminium signage. It is a versatile, compact system that can be set up in an instant.

AS/NZ 1906 Compliant

- Features:**
- Extremely versatile
 - Simple to assemble
 - Wide range of sign options
 - Highly visible
 - Wind resistant
 - Easy to clean



Temporary Speed Humps

Temporary Speed Humps are designed to reduce speeds in Temporary Work zones, in Emergency Situations & at Special Events

CoPTM C.10.16 Compliant

- Specifications:**
- Length: 3000mm
 - Width: 225mm
 - Weight: 16.3kg

TO45



TRAFFIC MANAGEMENT

PORTABLE TRAFFIC LIGHTS

BarrowLIGHT Portable Traffic Lights are easy to operate and fully compliant. The lights are used in a stop / go traffic control situation, using a handheld remote, eliminating the need for traffic controller to be in close proximity to moving traffic.

Features

- Fold down light head
- Multiple traffic configurations
- LED lamps automatic dimming
- Retractable carrying arms
- Front and rear wheels
- Fitted solar panels



APPROVED:
NZTA M23 Appendix F

INSTABOOM GO MOBILE STOP GO

Instaboom Stop Go is a new approach to managing traditional STOP GO operations MORE SAFELY. The main objective is to keep the TMO out of the live lane and out of harm's way.

Features

- Manage traffic out of the live lane
- One person can operate a site
- Extremely simple to operate
- One person lift off the ute or truck
- Remote controlled
- Fitted solar panels



APPROVED:
NZTA M23 Appendix F

INSTABOOM MOBILE BARRIERS

The Instaboom range of mobile barriers fills a need in New Zealand for innovative safety solutions within traffic management, site access control, short and long-term construction sites and major roading projects. RTL have a complete range of solar powered and remote controlled barriers arms, providing instant demarcation for your worksite.

SOSEC 200 Barriers
5m Boom



SOSEC barriers are fully solar-powered, portable security barriers designed for Construction Sites and Site Access Points. Includes auto-exit, multi-functional Intercom and solar for long-term remote operation.

Instaboom Grande
4m Boom



APPROVED :
NZTA M23 Appendix F

The Instaboom Grande Boom Arm designed for traffic control like road closures at projects, or traffic access at worksites or construction sites. Instaboom Lite also available

**** Both Barriers can integrate with the GS6 Over Height Sensor** to protect assets from costly over-height vehicle strikes. Also Available is the **Instaboom Telematics & Tracking Package** for remote monitoring and tracking.

TRAFFIX DEVICES FOLDING BARRICADES



Front: \\\
Right hand Chevrons

The Folding Barricades by Traffic Devices (TDI), represent an excellent choice for road closures, event management, crowd control and worksite management.

Made from durable impact resistant polyethylene, 100% recyclable, lightweight and easy to handle. They have tested and passed both MASH Tests 3-71 and 3-72.

Features

- Formed molded-in male and female sides for compact stacking
- Lower Panel that can hold up to 6.8kg of sand for additional stability
- Upper and lower plastic panels for extra visibility (610mm x 200mm)
- Multi Directional - (one side right \\\ reverse side left ///)



Reverse: ///
Left hand Chevrons

**** Ask for Custom Graphics on the Panels for Event Management, Facilities, Festivals and Expos.**

TB032

SCORPION II MASH COMPLIANT ATTENUATORS

Scorpion Attenuators are designed with Saving Lives top of Mind.



RTL is the proud supplier of the Traffix range of Scorpion II MASH compliant Truck Mounted Attenuators (TMAs) and a Trailer Attenuator (TA). With our experience and knowledge in the NZ market and backed by our US Supplier Traffix, you can confidently choose our attenuators for your shadow vehicles. Our product range includes:

MASH TL-3 Range:

C-90 TMA: The C-90 is stored in the vertical position and deploys in one movement. The C-90 has the shortest overall length in the market



Model C TMA: The Model C is stored in the folded position. It is a compact, low profile design ideal for high-speed travel on motorways & highways. Available with or without the high reach extension (shown)



MASH Scorpion II TMA deployed

MASH TL-2 Range:

Metro TMA: The Scorpion II METRO TMA range, by Traffix Devices are MASH approved, ideal for cities and urban districts with posted speeds of 80 kph or less



Metro Slim: At only 1.88m wide, the Metro-SLIM by Traffix Devices is ideal for narrower truck builds and suited urban state highways and local roads



MASH Scorpion II TL-2+ Metro TMA

LIGHT ARROW SYSTEM (LAS)

25 LIGHT LED ARROW BOARD

RTL's Light Arrow Systems are used to guide drivers on high-volume Level 2 and Level 3 Roads and State Highways. Our range includes the ever-popular LAS6 with PrismXP and the LAS7 with a highly visible LED RG Arrow on the bottom board.



ET LAS7LED – RG LED Arrow



ET LAS6LED – RG Prism Arrow

Our 25 Light LED Arrow Boards are used extensively on Level One roads in both mobile and static operations. They are simple to install, easy to operate and are fully compliant to NZTA Waka Kotahi specifications.

Features:

- 12/24v dual voltage
- Push button controller
- Automatic / manual Brightness control
- Powder coated black aluminium housing
- Low voltage battery indicator



LEVEL ONE TRUCK EQUIPMENT

Talk to our Team about setting up a Level 1 traffic management truck. RTL has all you need to set up your Level 1 TTM truck, including signs, cones and sign stands and beacons, pass with care signs and arrow boards, and the reflective arrow board surround. RTL always has a healthy stock of repair parts on hand. Our driver board and in cab controller are the most cost effective on the market. In Auckland our team can install the arrow board and complete the arrow board surround. Pass with care signs are also readily available and installed for you.



Truck:

- New Arrow Board
- Retro Reflective Red / White Surrounds
- Pass with Care - Panel, Hinged or Overlay

Signs Package:

- Branded Signs, Branded Cones & Sign Stands,
- Cone Bars, Temporary Speed Humps etc

Installation & Electrical:

- New Arrow board Installation
- Old Arrow Board Removal
- Wiring in New Arrow Board
- Rotating Beacons
- Deck Lights
- Reversing Cameras
- Replacement Parts



ADVANCE WARNING VARIABLE MESSAGE SIGN (AWVMS)

RTL's AWVMS has a compact, low profile design ideal for providing advance warning on high speed roads. It is fully compliant to NZTA Specifications and European Standard EN12966. The Mid Hinge Frame is stored in the folded position and raises up to 90° when in use. RTL AWVMS can be easily bolted onto the deck of a ute or trailer.

RTL offers a one stop shop AWVMS installation in our Penrose branch onto Utes or Trucks. Send us your ute details and we will provide you with guidance on the deck dimensions. We work with our in-house sign shop to manufacture and install the chevron tailgate as well. We install the AWVMS onto the ute deck and take care of all the wiring.



Features:

- Touch screen controller
- Galvanised steel frame
- Independently powered
- Automatic & manual brightness control
- Xenon lights comply with EN: 12352:2006
- Pre-programmed with approved symbols
- Complies to European Standard EN 12966-1
- Ute or trailer mounted options available



VARIABLE MESSAGE SIGNS

VER-MAC®

Jamlogic Software - Fleet Management

Remotely monitor, maintain and manage your traffic control equipment - all from your desk or on the road. Jamlogic includes a message library, advanced message editor with scheduling and interactive list and GPS map view of all your equipment.



Applications:

- Traffic Management
- Project & Work Zone Updates
- Event Management
- Emergency & Safety Alerts
- Road works & closures
- Queue Management
- Advance Warning
- Speed Feedback & Data Collection



PRO SERIES



END TREATMENTS & BARRIER SYSTEMS

Featured in NZTA M23 Appendix C

SLED™ US - up to 100km/hr

SLED US™ by Traffix Devices, is a MASH Approved End Treatment for higher speed zone applications (up to 100km).



SLED™ Mini - up to 70km/hr

SLED Mini™ by Traffix Devices, is a MASH Approved End Treatment for lower speed zone applications (50km and 70km).



Sentry II™ - up to 100km/hr

Provides positive work zone protection on high speed roads (100 km). It is a MASH approved (TL-3) used in conjunction with the Traffix SLED™ (US) End Treatment.



Traffix Water-Cable™ - up to 70km/hr

Provides positive work zone protection on low speed roads (50km & 70km). It is a MASH approved (TL-1 & TL-2) used in conjunction with the Traffix SLED Mini™ End Treatment.



TL-3 MASH

Tested & Passed

TL-1 & TL-2 MASH

Tested & Passed

Lo-Ro TL-2 Water-Cable Barrier also available

PEDESTRIAN SAFETY FENCES

EZI-Set Barricade

- Multi-Purpose: Fencing, Man Hole Protectors, or as Trench Protectors
- Easily Erected and Dismantled
- Durable Polyethylene Construction

L = 2400mm x H = 1200mm - 15kg



Made in New Zealand

PORTA BARRIERS

Standard or Slim

- Orange or White
- Tough molded polyethylene
- Interlockable and Stackable
- Strong & robust

Standard: L = 1950mm x H = 1000mm - 35kg



Made in New Zealand

ROAD SAFETY PRODUCTS

900MM TRAFFIC CONE RANGE

TTMC Compliant Cones

Highly visible Road Cones widely used for temporary traffic management on New Zealand Roads & Motorways.

Features:

- Top hand grip
- Recessed cone collars
- Internal ribs to help with release



BetterCone®



Enviro Motorway



Wide Profile

**** Talk to us about our 2:1 Cone Recycling Program.**

CONE BRANDING

Fusion - Anti-theft



Combination of Anti-theft & thermal printing.

All in one brand that leaves a permanent mark.

Screen-printing



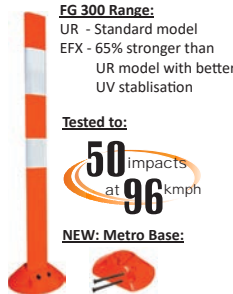
Brand your cones with a screen-print logo.

Minimum order quantity applies.

The maximum size of a logo or name is 5000mm² - i.e. 50 x 100m. For full information, please refer to NZTA Waka Kotahi Website.

FG 300 DELINEATOR RANGE

Our range of FG 300 Delineators increase visibility and improve safety in and around work zones. Use the FG 300 Curb System for further delineation & channelization.



FG 300 Range:

- UR - Standard model
- EFX - 65% stronger than UR model with better UV stabilisation

Tested to:

50 impacts at 96 kmph

NEW: Metro Base:

FG 300 Curb System

- Interlocked for solid delineation
- Entire System NCHRP-350 Approved

Dimensions: (Base Only)

- L: 965mm
- W: 200mm
- H: 50mm



CONES & CONE BARS

Portacones

TO10

Sizes Available:

- 900mm
- 750mm
- 500mm



Fully Compliant

TO30

Extends up to 2m long



Heavy Duty PVC Yellow Cone cover

TO15

Add your own design

(Excludes Cone)



No Stopping Cone Sleeves

TO40

Sold in packs of 10

(Excludes Cone)



SAFETY ACCESSORIES

Reflective Cone Collars

TC17



- Replacement Cone Collars
- Standard or Premium Options
- Upper and Lower Available

Road Marking Cone

TC11

- 450mm high
- PVC
- Collar Collar
- Dimpled Feet



LED Road Safety Flares

TO80

- Highly Visible
- Rechargeable
- Set of 6
- Comes with Charger Case



Rotating Beacons

TL8

Wide range of beacons available

Call our Team to discuss



Emergency Safety Triangle

TL84

- Rubber feet
- Tool-free
- Single or 3 Pack



Fluoro Mesh

TM18

- 6kg
- 8.5kg
- 15kg
- Premium Hi Viz



Fluoro Warning Flag

TP09

Used to slow vehicles down

300mm x 450mm



Ultra Wands

- Two models:
- Red Only
- Red / Green

Requires: - 2x C Batteries

All Wands & Lamps exclude Batteries



Requires: - 2x D Batteries

CAR PARK SAFETY & FACILITIES

WHEEL STOPS

Wheel stops

MH28

Wheel Stops are an essential part of any car park. Best used in medium to low volume shopping centres and car parks etc, to inhibit encroachment into an opposing parking space, high curb or building etc.



Length: 1650mm Rubber Construction.
 Width: 130mm Recommended for use on level surfaces.
 Height: 100mm Three fixings per wheel stop.

Standard Wheel Stops:



MH28 101

- Yellow reflectors
- Enhances visibility and safety in parking areas
- Essential parking safety device

EV Charging - Wheel Stops:



MH28 102

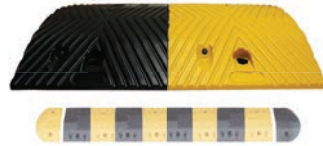
- New green reflective option
- Ideal for dedicated EV (Electric Vehicle) parking spaces
- Clear demarcation of EV charging areas

SPEED HUMPS

Speed Humps

MH27

Our Rubber Speed Humps are an ideal traffic calming measure. Best used in medium to low volume applications to further reduce the speed of vehicles. Modular sections for varied road widths.



Rated to Maximum 20 ton truck @ 40km/h

500mm Mid Section:

- Effective speed management
- 350mm travel distance
- Maintain safer speeds

Length: 500mm
 Width: 350mm
 Height: 50mm
 Code: MH27 7EA

MH27 7EA



Four fixings per Mid Section

250mm End Caps:

- Provides an aesthetic finish
- Improves the overall appearance
- Eliminates tripping hazard

Length: 250mm
 Width: 350mm
 Height: 50mm
 Yellow code: MH27 7A
 Black code: MH27 7B

MH27 7A

Two fixings per End Cap



MH27 7B



DURAVISION MIRRORS

Duravision Indoor and Outdoor Convex Safety Mirrors range includes impact resistant acrylic, unbreakable stainless steel mirrors suitable for both indoor and outdoor environments, like driveways and dangerous corners.



Deluxe Traffic Acrylic



Heavy Duty Acrylic



Heavy Duty Stainless Steel

Applications:

Convex mirrors should be strategically positioned where the driver's field of vision is obstructed, such as blind corners, concealed entry and exits, parking buildings and intersections.

BIKE REPAIR STANDS & PUMPS

Make cycling easier and more enjoyable by creating bicycle-friendly spaces with our range of Deluxe Bike Repair Stands. Add-ons like the Bike Pump and Wheel Chock can be installed on, or next to the main Bike Stand.



Applications:

- Council parks
- Cycle ways & routes
- Bus and train stations
- Universities
- Hospitals
- Corporate offices
- Bike trails
- Precincts
- Airports

TRAFFIC CALMING & INFRASTRUCTURE

ISLAND CURB DELINEATORS



MO25

The Island Curb Delineator is designed to improve the visibility of raised islands, median noses, pedestrian refuges and roundabouts.

Features:

- 100% polyurethane
- 25mm reflective strip
- Notched foot so unit can match curvature

Specifications:

- Length: 1200mm
- Height: 50mm
- Depth: 30mm
- Colour: Yellow or White



Note: Special Order

RILEY® KERB - CYCLE DELINEATION

Riley® Kerb, in-conjunction with FG 300 Delineators offers protection to cyclists in all types of situations.

The Riley® Kerb acts as a rumble device to alert drivers they are crossing into the cycle lane.

Specifications:

- Only 2.5kg per section
- Length: 2000mm
- Width: 159mm
- Height: 25mm



Riley Kerb & FG 300 Delineators



SPEED CUSHIONS



Speed cushions offer a tried and tested traffic calming device and our recycled rubber cushion is designed to reduce accidents, lower speeds and reduce noise.

Features:

- Modular to allow you to create whatever size required for the site
- Can be removed / relocated if required i.e. reusable
- Less time to install than standard concrete, so can provide cost savings overall
- Manufactured from recycled rubber

Also available: Pedestrian crossings

RUBBER ROUNDABOUTS



Rubber Roundabouts offer a proven safety treatment for an intersection. The modular design enables you to get the right size for the situation, from 3 metres up to 21.4 metres

Features:

- Completely customizable to suit the size you need
- Simple & cost effective installation
- Manufactured from recycle rubber
- Removable & re-useable
- Can be installed onto concrete or asphalt surfaces

Note: Special Order

Also Available: 3M Mini Roundabout Package

RUBBER KERB SYSTEM

Our Rubber Kerbs are a great alternative to traditional concrete curbs used for Traffic islands / Mid-block islands, pedestrian crossing islands and refuge splitter islands. The sections are manufactured from recycled rubber giving you a professional looking finish and, being modular in design, the island size can be changed based on the specific site requirements.

Features:

- Completely customizable to suit the size you need
- Simple & cost effective installation
- Modular design
- Manufactured from recycle rubber
- Removable & re-useable
- Can be installed onto concrete or asphalt surfaces
- Available in standard straight lengths
- Various radius corners



Bullnose Kerb



Semi Mountable Kerb



Semi Barrier Kerb

Please contact our team for more Information.

DELINEATORS & MARKING

FG 300 TRAFFIC DELINEATORS



Our FG 300 Traffic Delineators are a highly durable, multi-purpose Channelizer, used to separate traffic and delineate traffic lanes on New Zealand roads and highways.

FG 300s are impact tested and rated to 50 impacts at 96kmph and have become the industry standard for toughness, impact resistance and long-lasting performance to reduce replacement costs.

Tested to:



Features:

- Improves Cyclist and Pedestrian Safety
- Provides Clear Delineation
- Narrow Profile
- Clover Leaf Design for Built-in Rebound
- White or Yellow to match line marking
- Replace damaged posts very quickly



The **FG 300 Curb System** is a lane separation system that provides efficient and cost effective channelization of traffic on motorway, roadways and inner city streets. Add your choice of FG 300 post to create a dramatic picket fence effect and increase the visual barrier. Available in Yellow or White.



Entire System NCHRP-350 Approved

Features:

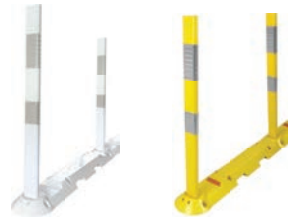
- Low maintenance with super-tough polyurethane posts
- Curb sections impact tested at 112kph
- Moulded with solid colour
- Internal radial rib structure supports 10,000 lb (pounds) of loading

FG 300 Curb System

- Interlocked for solid delineation
- Entire System NCHRP-350 Approved

Dimensions:

- (Base Only)**
 L: 965mm
 W: 200mm
 H: 50mm



MARKER POSTS & DELINEATORS

Slim-Pro Edge Marker Posts

MP01

PVC
1.4m Long

Culvert Markers (Green)
& Hydrant Markers (Blue)
also available



Slim-Pro Rammer

MP05 02

Our Post Rammer is designed install our RTL Slim-Pro Edge Marker Post and our Culvert / Hydrant Posts



Steel-Flex® Range

MP04

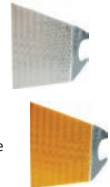
Steel Flex is the most durable post available. Guaranteed for up to 10 years. Proven to rebound to vertical after 1500 impacts



Barrier Delineators

MD03

Options:
Double or single sided
Yellow / white



MARKING SYSTEMS

3M Stamark Tape

MK30

Temporary or Permanent. Various roll sizes & different colours

Pre-cut Fire Hydrant Markers also available



Aerosol Markers

MK21

Permanent & temporary options available



Line Master Machine

MK21 02T

Suits 500g Cans. Includes removable handle for spot marking



Professional Measuring Wheel

MO30

Deluxe model also available



SIGN SUPPORT & BRACKETS

SIGN SUPPORTS

Stay Right Self Righting Post

PS03

825mm
1200mm

Surface Mount
or Inground



Aluminium Poles

SF-P

60mm to 114mm
Variety of sizes
available

End caps & ground
sockets to suit



Steel Poles

PS10

60mm & 76mm
Variety of sizes
available

End caps & ground
sockets to suit



Wooden Posts

PS08

3.6m long
Painted white

Note: Special Order
for North Island
Customers. See
website for more
info.



SOCKETS

Inground and Surface Mount

Wide range of ground sockets available - 60mm to 114mm
diameter and different lengths.



Safety Ground Sockets
(with wedge)

Ground Sockets
(with grub screw)

Surface Mount Sockets
60mm & 76mm Only

STRAPPING

Strapping Systems

13mm 16mm 19mm



Strapping & Buckles are available
in 13, 16 and 19mm widths

Universal Channel Clamp (UCC)



Buckle Straps



Precut 19mm Strapping c/w buckle
Available in 660mm or 1120mm lengths

BRACKETS

Anti-Rotational Clip



ARC

Different sizes available

Back to Back Clip



BBC

Different sizes available

RHS Clip



LRH

Different sizes available

Fixing Brackets



AUO

AUO

Back to Back

STREET NAME BLADE BRACKETS

Slide on Offset Bracket

SNBKT02



Mid Mount Bracket

OSBMNZ-01



Timber Post Slide on Offset Bracket

TD1010 TDBKT



Mini Tee Offset Bracket

OSBMM



WARNING SIGNS

SIGN SIZE GUIDE

Standard Sign Sizes



Diamond:
600 x 600
750 x 750
900 x 900
1200 x 1200

Standard Supplementary Sizes



Type A:
600 x 250
750 x 300
900 x 350
1200 x 400



Type B:
600 x 400
750 x 500
900 x 600
1200 x 800



1200 x 1200

WA WARNING - ADVANCE OF TCD

WA1



PW-1

WA2



PW-2

WA3



-

Variations:

10km 60km
20km 70km
30km 80km
40km 90km
50km

WA4



PW-3

TCD Code
MOTSAM

WR WARNING - ROAD SURFACE

Left hand version shown
Right hand version available

WR1



PW-40

WR2L



Left

PW-42



PW-41

WHEN FROSTY

PW-41.1

WHEN WET

PW-41.2

GRAVEL ROAD

PW-41.3



-

SLOW FOR BLUE FROST MARKERS

750 x 750

WM WARNING - HORIZONTAL ALIGNMENT

WM2L



Left

PW-16

WM2R



Right

PW-16

WM1L



Left

PW-17

WM1R



Right

PW-17

WM3L



Left

PW-18

WM3R



Right

PW-18

WM4L



Left

PW-19

WM4R



Right

PW-19

WM5L



Left

PW-20

WM5R



Right

PW-20

WM6L



Left

PW-21

WM6R



Right

PW-21

WM7L



Left

PW-22

WM7R



Right

PW-22

WM8L



Left

PW-23

WM8R



Right

PW-23

WM9L



-

1500 x 3000
Left
WM9R Right also available

EXIT SPEED 65

1200 x 1200

SIGN SIZE GUIDE

Standard Sign Sizes



Diamond:
600 x 600
750 x 750
900 x 900
1200 x 1200



Standard Supplementary Sizes

Type A:
600 x 250
750 x 300
900 x 350
1200 x 400



Type B:
600 x 400
750 x 500
900 x 600
1200 x 800



Type C:
600 x 600
750 x 750
900 x 900

WN WARNING - VERTICAL ALIGNMENT

WN1



PW-38

WN2



PW-39

WN4D



PW-27

WN3D



or 10%,
12%

-

WN4U



PW-27.1

WN3U



or
12%

-

WN51



PW-28

WN52



WL WARNING - LANE USE / MANAGEMENT

WL1



PW-5

WL2



PW-6

WL3L



Left

-

WL3R



Right

-

WW WARNING - ROAD WIDTH OR HEIGHT

WW1L



Left

PW-43

WW1R



Right

PW-43

WW1B



Both

PW-43.1

-



PW-43.3

-



PW-43.4

WW2



PW-44

WW21



750 x 600

PW-44.1

WW31



PW-45

WW32



PW-46

WW41



PW-47

WW42



PW-52

WK WARNING - VEHICLES CROSSING

WK21



PW-51

WK22



-

WK11



PW-50

WK12



PW-49

WK13



-

TCD Code
MOTSAM

SIGN SIZE GUIDE

Standard Sign Sizes`



Diamond:
600 x 600
750 x 750
900 x 900
1200 x 1200



Type A:
600 x 250
750 x 300
900 x 350
1200 x 400



Type B:
600 x 400
750 x 500
900 x 600
1200 x 800



Type C:
600 x 600
750 x 750
900 x 900

WJ WARNING - JUNCTION

Left hand version shown
Right hand version available

WJ1



PW-8

WJ2A



Controlled
PW-9

WJ2L



Left
PW-9.1

WJ3U



Uncontrolled
PW-10.1

WJ3L



Left
PW-10

WJ4L



Left
PW-11.1

WJ5L



Left
PW-11

WJ6U



PW-12.1

WJ6L



Left
PW-12

WJ7L



Left
PW-4

WJ7B



Both
-

TCD Code
MOTSAM

WX WARNING - RAILWAY LEVEL CROSSING

WXR1



Right
Controlled cross road

PW-13

WXL1



Left
Controlled side road

WXR2



Right
Controlled side road

PW-13

WXL2



Left
Uncontrolled side road

WXR3



Right
Uncontrolled side road

PW-13.1

WXL3



Left
Controlled T Junction

WXR4



Right
Controlled T Junction

PW-13.2

WXL4



Left
Uncontrolled T Junction

WXR5



Right
Uncontrolled T Junction

PW-13.3

WXL5



WX1R



Right

PW-57

WX1L



Left

WX11



-

WX3



PW-58

WX8



PW-59

WX41



PW-60

WX42



PW-60.1

WX40



PW-60.2

WX2L



Left

PW-63

WX2R



Right

WX5



-

WX6



1000 x 200
1500 x 300

PW-14

WX61



PW-14

WX62

Crossbuck for
private level
crossing

-

WX63



Only to be used
where private roads
cross a railway line

WX7



Variations:
3 or 4 Tracks

PW-15

SIGN SIZE GUIDE

Standard Sign Sizes



Diamond:
600 x 600
750 x 750
900 x 900
1200 x 1200



GATE

Type A:
600 x 250
750 x 300
900 x 350
1200 x 400



CATTLE STOP

Type B:
600 x 400
750 x 500
900 x 600



SCHOOL BUS ROUTE

Type C:
750 x 750
900 x 900



CONCEALED

Type D:
800 x 250
1000 x 300
1200 x 350
1600 x 500

WG WARNING - GENERAL SUPPLEMENTARY

WG11



PW-64

WG12



PW-64.1

WG13



PW-64.2

WG2



PW-26

WG3



Variations:
100m, 150m etc

PW-43.2

WG4



950 x 300
Variations:
3km, 4km etc

PW-24

WG5



Variations:
20km, 25km etc

PW-25

WG6



-

WF WARNING - FAUNA (ANIMALS)

WF11



PW-37

WF12



PW-37.1

WF13



-

WF21



PW-36

WF22



-

WF31



-

WF35



TCD Rule:
W18-3.10

WF37



TCD Rule:
W18-3.12

WZ WARNING - MISCELLANEOUS

WZ1



PW-53

WZ11



PW-54

WZ12



PW-55

WZ13



PW-56

WZ2



PW-48

WL4



TCD Rule:
W14-11

WL5



TCD Rule:
W14-11.1

WU WARNING - USER NON MOTORISED

WU1



PW-29

WU1M



Diamond & Supp
Combination

WU3



PW-30

WU11



-

WU2



PW-31

WU23



WU26



WU4



PW-65

WU5



PW-34

WU51



PW-34.1

WU52



PW-34.2

WU6



PW-35

WU27



WU28



WU61



-

WU62



40
WHEN CYCLISTS
PRESENT

WU7



PW-36

WY - WARNING - DELINEATION AND HAZARD MARKERS

Left hand version shown
Right hand version available

WYS3



Left

PW-66

2 Bar Chevron:
Urban: 1650 x 600
Rural: 2530 x 900

WYS4



PW-66

4 Bar Chevron:
Urban: 2350 x 600
Rural: 3700 x 900

WYC1



1 Bar Chevron:
Urban: 450 x 600
Rural: 750 x 900

PW-67

WYR2



PW-69

Roundabout:
1200 x 450

WYT3



W20-1.4

PW-68

T Junction:
3000 x 600
(minimum size)

WYT1



Figure 5.12

RC-3

Sightboard:
T Junction
2400 x 600

WYT2



Figure 5.12

RC-5

2x 2400 x 600 panels

Sightboard:
T Junction
4800 x 600

WYR1



RC-7

Sightboard:
Roundabout
1600 x 400

Figure 5.13

WYC3



RC-1

1 Bar Chevron:
Urban: 450 x 600

Note: Sightboards can also be made black on a yellow reflective background for roundabouts & T-junctions.

TCD Code
MOTSAM

WYBL



RM-6

Bridge End Markers

Left

150 x 900

WYBR



RM-6

Right

WYHM

Obstruction Marker



RM-7

150 x 375

SLED End Treatment Panels



700 x 700

Crash Cushion



600 x 750

Figure 5.6

WV WARNING - VEHICLE MOUNTED

KURA SCHOOL SIGNS

WV11



1200 x 400

WV12



825 x 300

WV13



570 x 500

WV14



570 x 500

WU22



From
600 x 400

PW-32

RS6V



750 x 500

Kura School Supp
(Electronic Sign
sold separately)

RS6



8:20-9:00 AM
2:40-3:20 PM
SCHOOL DAYS

From
900 x 1350

School Static Variable
Speed Limit Sign

RS62



30

KURA SCHOOL

From
750 x 1300

Kura School
Speed Limit Sign

HEAVY HAULAGE

TRANSPORT - WV WARNING - VEHICLE MOUNTED

Standard Sign Sizes

**WIDE LOAD
AHEAD**

1100 x 520

**DANGER
SLOW DOWN**

1100 x 600

TCD Code
MOTSAM

WV21

**DANGER
SLOW DOWN**

HT04 02

WV22

**WIDE LOAD
FOLLOWS**

HT04 05

WV23

**WIDE LOAD
AHEAD**

HT04 06

WV24

**HOUSE
FOLLOWS**

HT04 03

WV25

**HOUSE
AHEAD**

HT04 04

WV26

**LONG LOAD
FOLLOWS**

HT04 07

WV27

**LONG LOAD
AHEAD**

HT04 08

WV28

**PILOT
VEHICLE**

NZTA

HT04 11

WV28

**PILOT
VEHICLE**

HHA

WV29

OVERSIZE

1100 x 300
Other options available

HT04 01

**UNDER
TOW**

**UNDER
TOW**

HT04 14

Compliments
& Complaints Sign

**0800
LOGTRUCK
MC67**

600 x 381

Transport Flag



450 x 300
Also available with handle

HT04 16

Conspicuity Tape
50mm Red / 50mm White



HT-9

Slow Moving
Vehicle Safety
Triangle



HT04 17

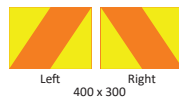
Rear Chevrons
Custom Sizes



HT-8

Hazard Panels

Standard or vertical options available



Left 400 x 300 Right

HT04 15



200 x 600

Rotating Beacons
Magnetic or permanent



- LED
- Flashing/
- strobe

COMMERCIAL SIGNAGE

HEALTH & SAFETY



Assembly Point
Sign



Danger Sign
Accompanied



Danger Sign
Custom Text



Hazchem 2WE
Sign



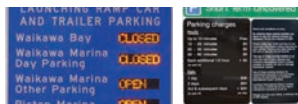
Hazchem 2WE / No
Smoking Sign



Multiple Hazard
Visitor Sign

CUSTOM DESIGN & MANUFACTURE

Car park & Directional



Signs for car parks and facilities, including wayfinding, directional, space availability, tariff, T&Cs and health and safety boards.

Prism Signage



Prism Signs feature rotating panels that have three sides. When activated, the panels rotate, changing the sign message.

Wayfinding Signs



Directional Signage for shared paths, bike lanes, cycling routes including the New Zealand Cycle Trail, to encourage cycling and walking.

SCHOOL SAFETY RANGE

ENHANCED SAFETY FOR SCHOOLS

Single Arm School Patrol System

Our Single Arm School Patrol Crossing System is the industry benchmark for making School Crossings safer.

It is a proven performer in ensuring our children have a safe method to cross the road.



Stayput School Patrol System

Stayput School Patrol systems can be used at both School Zebra Pedestrian Crossings and Kea Crossings/ School Crossing Points.

School Zebra Pedestrian Crossings: black bands applied to mimic the zebra crossing.

Kea Crossings: No black bands on school patrol arm - needs to plain white.

The Stayput School Patrol System is the only system where you do not have to carry the lollipop signs each day. They are securely locked away into the top cover when not required.

www.rtl.co.nz/school-safety-solutions



Kea Crossing Systems

Kea Crossing kits are used at School Crossing Points, during school times, to provide children with a safe place to cross the road where there is no marked pedestrian crossing.



Pedestrian Crossing Poles

PC06

76mm Dia



Belisha Discs

Different configurations available including top or side mount.



LED Belisha Disc

Our LED Pedestrian Belisha Discs are internally illuminated and provide a safe, evenly lit and highly visible sign surface.



Fluro Warning Flag

Used to slow vehicles down.

TP09

300mm x 450mm



GENERAL INFORMATION SIGNS

STATE HIGHWAY DISTANCE MARKERS

LR-KMP



RM-30

Kilometre Marker Post

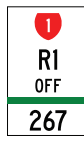
LR-RS



RM-10

Reference Station Sign

LR-RS-R



RM-60

Ramp Reference Station Sign

LR-ERP



RM-40

Established Route Position Sign

LR-ID



RM-50

Bridge Position Sign

ADVISORY - OTHER

FRASER PARK

IG-12

BOUNDARY

ALPHA DISTRICT | OMEGA DISTRICT

IG-13

WANGANUI RIVER

IG-14

ELEVATION 500 m



























IG-15

REMUTAKA SUMMIT 555 m







IG-16

REGULATORY SIGNS

RP REGULATORY - PRIORITY

| | | | | | | | |
|--|--|---|--|---|--|---|---|
| RP1  | RP2  | RP71  | RP72  | RP73  | RP21  | RP22  | |
| RG-5 | RG-6 | RG-6.1 | RG-6.2 | RG-6.3 | RG-6R | RG-19.1 | |
| RP75  | RP51  | RP52  | RP53* Bridge Advance  | RP54* Bridge Giveaway  | RP55* Bridge Priority  | RP61  | |
| RP76  | RG-19 | RG-20 | Combination of WW2 + RP51  | Combination of RP51 + RP22  | Combination of WW2 + RP52  | RG-30 | |
| - | | | - | - | - | *Items sold individually | |
| RP62  | RP63  | RP64  | RP65  | RP66  | RPX1*  | RPX2*  | RPX3*  |
| - | RG-27 | - | - | - | RG-33 | RG-32 | RG-31 |

RS REGULATORY - SPEED

| | | | | | |
|--|--|--|--|--|---|
| RS1  | RS1T* Refer to Temporary Warning  | RS2  | RS3  | RS4  | RS63  |
| Variations: 10km to 90km RG-1 | TEMPORARY Combination of RS1 & TG1 * Items sold individually | RG-2 | RG-2.1 | - | R1-9.1: Beach R1-9.2: Riverbed |

















OTHER

| |
|--|
| RP3  |
|  |
| RG-28 |


















REGULATORY SIGNS

RD REGULATORY - DIRECTION AND PLACEMENT

Left hand version shown
Right hand version available

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| RD1L | RD1R | RD1U | RD2 | RD3 | RD6L | RD6L | RD5L |
|  |  |  |  |  |  |  |  |
| Left | Right | No U Turn | | | Left | Twin Disc - Left | Left |
| RG-8 | RG-7 | RG-15 | RG-9 | RG-16 | RG-17 | RG-17.1 | RG-12 |
| RD5 | RD6V | RD7 | RD4 | RD41 | RD71 | RD74 | RD76 |
|  |  |  |  |  |  |  |  |
| Turns | No Turns | | Wrong Way | Wrong Way GO BACK | Except Buses Also Available RD72 | SCHOOL STREET 8.15 - 9.15 am 2.45 - 3.45 pm MON-FRI SCHOOL DAYS | COMMUNITY STREET AUTHORISED VEHICLES ONLY |
| RG-11 | RG-10 | RG-14 | RG-18 | - | EXCEPT AUTHORISED VEHICLES | - | - |

RJ REGULATORY - ROAD USER RESTRICTIONS

| | | | | | | | | |
|---|---|---|--|---|---|---|---|---|
| RJ11 | RJ12 | RJ13 | RJ72 | RJ21 | RJ22 | RJ3 | RJ4 | |
|  |  |  |  |  |  |  |  | |
| RG-24 | RG-23 | - | - | RG-21 | | RG-25 | RG-26B | |
| RJ51 | RJH1 | RJH2 | RJH3 | RJ53 | RG3 | RJC | RJI | RJI1 |
| | 1 Panel | 2 Panel | 3 Panel | | | | | |
|  |  |  |  |  |  |  |  |  |
| HEAVY VEHICLES MAX. LENGTH INCLUDING TRAILER 9.2 m | HEAVY VEHICLE BRIDGE LIMITS AXLES 4600 kg | HEAVY VEHICLE BRIDGE LIMITS AXLES 4600 kg GROSS 70% OF CLASS 1 | HEAVY VEHICLE BRIDGE LIMITS AXLES 4600 kg GROSS 70% OF CLASS 1 SPEED 50 km/h | HEAVY VEHICLE AXLE LIMIT 3000 kg | 300 m | CLASS C | CLASS I | CLASS I UNTIL DAY MONTH YEAR |
| | | Two options available | | | | | | |
| RH-2 | RH-4 | RH-4 | RH-4 | RH-6 | RH-5 | RH-1 | RH-1 | - |

REGULATORY SIGNS

RL REGULATORY - LANE USE

Left hand version shown
Right hand version available

RL1L



Left

RG-29

RL1S



Straight

RL41



RG-22

RL51



-

RL52



-

RL53



-

RLB1



RLB2: Bus Only

RG-35

RLB3



-

RLB4



-

RLU1



RLU2: Cycle Only

RG-26

RLU3



RG-26C

RJ4



RG-26B

RLU4



RG-26D

RLS1



-

RLS2



-

RLS1



T2 or T3

RLS3



T2 or T3

RL61



-

RL62



-

RLT1



-

RLT2



-

RLT5



-

RL63



-

RL64a



-

RL64b



-

RG REGULATORY - GENERAL SUPPLEMENTARY

RG1



-

RG21



RP-3.2

RG22



RP-3.3
& RP-1.3

RG51



RP-3.4

RG3



RH-5

RJ84



R5-13 No cruising zone
R5-13.1 No cruising zone begins
R5-13.2 No cruising zone ends

ADVISORY SIGNS

AJ ADVISORY - JUNCTION

AJ11



IG-1

AJ12



IG-2

-



TCD Rule: A40-6

-

AH ADVISORY - HEAVY VEHICLES

AH1L



IG-5

AH1A



IG-4

AH21



IG-17

AP ADVISORY - PASSING/ OVERTAKING

Other distances available. Left hand version shown
Right hand version & double arrow available

AP2



IG-6

AP11



IG-6.1

AP22



IG-7

AP33



IG-8

AP32



IG-9

AP34



IG-10

AE ADVISORY - EFFLUENT

AX - RAILWAY LEVEL CROSSING

AE1L



IG-18

AE2L



IG-18

AE31



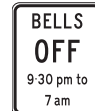
IG-19

AE32



IG-19

AX11



IG-3

AX12



-

AU ADVISORY - USERS, NON MOTORISED

AU11



IG-20

AU12



IG-21

AU2L



IG-22

AU13



-

AU41



-

AU42



-

AU43



-

AU51



-

Cycle Trail



ADVISORY - OTHER

AT - TEMPORARY



IG-23



IG-23



IG-24

AB6



-

AB6.1



-

AB41 100 m

AB42 AHEAD

AB43 ON-RAMP

AT1



IG-11

TCD Code
MOTSAM

Other distances available. Left hand version shown
Right hand version & double arrow available

PARKING SIGNS

PARKING - CLASS OR TIME RESTRICTED

Left hand version shown
Right hand version & double arrow available

| | | | | | | |
|---|---|---|---|---|---|---|
| PP21 | PP22 | PPS2 | PPS2 | PP2 | PP21 | PP2 |
|  |  |  |  |  |  |  |
| RP-7 | RP-7.1 | RP-7.2 | RP-7.2 (Alt) | RP-8 | RP-8.1 | RP-9 |
| PP21 | PP2 | PP21 | PP22 | PP3 | PP31 | PP31 |
|  |  |  |  |  |  |  |
| RP-9.1 | - | - | - | - | - | - |
| PP2 | PP21 | PP3 | PP31 | PP2 | PP21 | PP3 |
|  |  |  |  |  |  |  |
| - | - | - | - | - | - | - |
| PP31 | | | PP13 | | PPS3 | |
|  |  |  |  |  |  |  |
| - | RP-11 | RP-11 | RP-12 | - | - | - |
| PP21 | PP22 | PP22 | PPS3 | PZ13 | AB5 | - |
|  |  |  |  |  |  |  |
| RP-4 | RP-4.1 | RP-4.2 | RP-4.3 | Zone Parking | Shared Zone | EV Parking |

PARKING SIGNS

PARKING - NO STOPPING

Left hand version shown
Right hand version & double arrow available



PN1

RP-1



PN11

RP-1.1



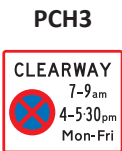
PN13

RP-2



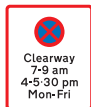
PCH2

RP-3



PCH3

RP-3.1



PCV3

RP-3.5



RG21

RP-3.2



RG22

RP-3.3



PNS1

RP-1.2



PNS3

RP-2.1

Variations:
1km, 2km & 3km

PARKING - NO PARKING

Left hand version shown
Right hand version & double arrow available



P1

-



P21

RP-5



P22

RP-5.1



P22



P23



P21

-



P22

-



P22

-



P11

RP-6



P12

RP-6.1



P12



P21

Shuttle Stop



P22

Shuttle Stop



P22

Shuttle Stop



P21

-



P22

Tram Stop



P22

Tram Stop



P13

Emergency Vehicle Stop



P14

Emergency Vehicle Stop



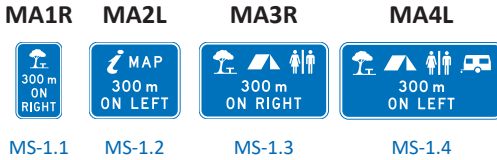
P14

Emergency Vehicle Stop

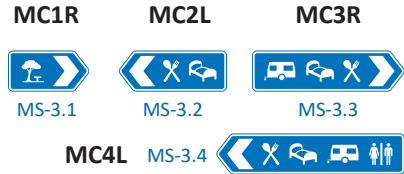
TCD Code
MOTSAM

MOTORIST SERVICE & TOURIST SIGNS

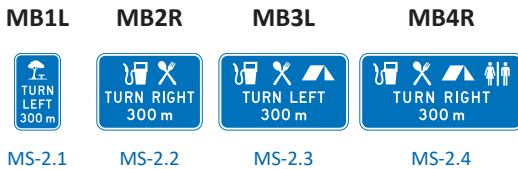
ADJACENT TO ROAD



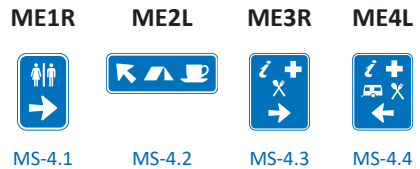
CHEVRON



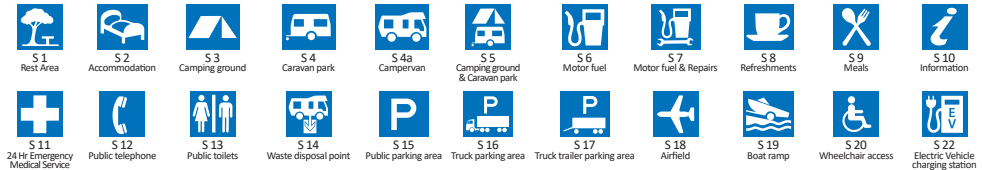
ON SIDE ROAD



ARROW



Symbols



TOURIST SIGNS

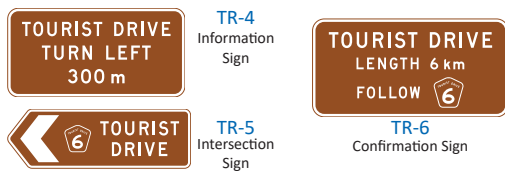
A tourist facility is defined as a geographic feature, commercial enterprise or scenic route, which is mainly of interest to tourists. It may be located adjacent to the road or on a side road. There are five types of sign in the tourist sign series and these are:

- Signs for Major Tourist Attractions
- Tourist Drive Information Signs
- Tourist Drive Route markers
- Advance Signs
- Position Signs



Examples of Typical Signs:

Advance Signs



Position Signs



Adjacent to the road & on side road



Advance & Motorist Services



Please specify required text. Sizes vary depending on destination names.

MOTORWAYS & HIGHWAYS

VIEW MORE ONLINE AT WWW.RTL.CO.NZ

Images are indicative only.
Not to scale. Refer to NZTA.

RS56



Motorway Begins

RD41



MI-38
Wrong Way/
Go Back

-



MI-34.1
Motorway Ends

-



Motorway - Combined
On-Ramp

-



Motorway Exit -
With Arrow

AMM



MI-33

Motorway Sign

AMM1



MI-30

Motorway Ends (m)

AMM2



MI-31

Motorway Ends (m)

AMM4



MI-34

Motorway Ends
Off-ramp

-



Motorway Exit - With
Arrow & Number(s)

GUIDE SIGNS

VISIT WWW.RTL.CO.NZ

Images are indicative only.
Not to scale. Refer to NZTA.

RTL has a highly experienced contracts department & in-house design team for your next infrastructure project. Our team can project manage and design NZTA Waka Kotahi compliant signs for the roading network, motorways, and state highways, including the examples shown below. Cycle way, wayfinding & plinth signs also available.

GD11



PN-1

Place Name /
Destination Signs
(Green)

GD12



PN-1

Place Name /
Destination
Signs (Blue)

RS55.1



Safer Speed Area
Threshold Signs
(Different sizes and speed
limits are available)

RS51.1



R1-5.1.1 Urban
Threshold
(Blue also available)

RS52.1



R1-5.2.1 Rural
Threshold
(Blue also available)

RS52



PN-2
R1-5.2
Rural Threshold
(Blue also available)



ADS Advance Direction Map
Sign (Green)



ADS Advance Direction Stack
Sign (Blue)



ID3 Intersection Direction Sign (Green)



ID3 Intersection Direction Sign (Blue)

OUTDOOR RECREATIONAL SYMBOLS (ORS)

Graphic symbols are becoming internationally established as a means of overcoming language barriers. Outdoor Recreational Symbols (ORS) indicate information required by the public in relation to outdoor recreation (i.e., parks, recreation areas, reserves, forests and waterways). All signs comply with NZS8603 Prohibited Activities: Signs overprinted with prohibition bar (Please specify when ordering) - They are categorised into five groups:

Facilities



Land Based Activities



Management



Services



SIGN CLEANING

To keep signs in the best possible condition and maximize the sign visibility/ performance, we recommend regular cleaning. Use this as a general cleaning guide - for more information, refer to NZTA P24 Specification for Permanent Traffic Signs & Avery Dennison Sheeting Storage, Handling and Cleaning. When cleaning signs, always test the cleaner on a small section or sample of the material before use. Do not use high pressure sprays and avoid direct sprays at sheeting edges.

Use warm water in the first instance, and if required, a mild soap or detergent, and a soft cloth or sponge. The cleaning solution should have a pH range of 4 to 10 (within mild acid or mild alkaline limits) and should be non-abrasive and free of strong solvents.

Spray or wipe (with a soft cloth or sponge) the cleaning solution over the entire surface of the film to be cleaned (avoid abrading the film surface with unnecessary scrubbing); thoroughly agitate and mix the cleaning solution into the dirt on the film's surface; rinse the entire surface with clean water and let air dry or dab dry being careful not to lift film edges.

| CLEANING AGENT | CAUTIONS | USES |
|--|--|--|
| <u>Water</u> (+ a few drops of detergent if required) | This is the first cleaner to be tried. It is best when cleaning typical road film and pollen from sign face. Use a soft cloth or sponge. | Can be used on signs made with overlay vinyls, screen printed legends or digital prints. |
| Isopropyl Alcohol IPA+ 50% water | A good cleaner that may remove some graffiti and it is an ideal cleaner for surface grease. Do not use high pressure or abrasives. | Can be used on signs made with overlay vinyls, screen printed legends or digital prints. |
| Kerosene or mineral spirits | This is used when others in line don't work. It is better at removing many paints but care should be taken not to scrub too hard as this may damage the surface. | Care should be taken not to use this type of cleaning agent if the sign has a screen printed legend as it may also remove the sign legend. It can be used if the sign has a graffiti protective overlay. |
| Citrus, Lacquer Thinners & Acetone | Use of these agents are not recommended. | Solvent based cleaning agents will remove screen printed legends. |

SIGN MOUNTING

For up-to-date information, refer to Traffic Control Devices Manual Part 1: General Requirements for Traffic Signs. This can be found on the NZTA Waka Kotahi website.

MOUNTING HEIGHTS

Table 7.4 Minimum desirable mounting heights for traffic signs

| MOUNTING SITUATION | | MINIMUM DESIRABLE MOUNTING HEIGHT (M) | |
|---|------------|---------------------------------------|--|
| General minimum This is the height the sign must be mounted as a basic minimum requirement. In some situations, heights may be lower, such as chevron boards on roundabouts, curves, etc | | 1.5 | Mounting height must be measured from the underside of the sign, or the lowest sign in an assembly of signs, to the surface of the adjacent road, trafficable shoulder or top of kerb, whichever is the critical dimension |
| Rural areas (no footpath) | small sign | 1.5 | |
| | large sign | 2.1 | |
| Urban areas (not over or near a footpath) Mounting heights need to be increased in urban areas to avoid sign visibility problems caused by parked vehicles | small sign | 2.0 | |
| | large sign | 2.1 | |
| Over or near a footpath if likely to obstruct | | 2.5 | Mounting height must be measured to the ground surface or footpath immediately beneath the sign |
| Overhead signs Mounting height is important when there is no alternative route for over-dimension loads. (An absolute minimum of 5.3m can be used where the sign is located over an emergency shoulder or parking lane) | | 6.0 | Mounting height must be measured to the road surface immediately below the sign |

MOUNTING HEIGHTS - SINGLE POST

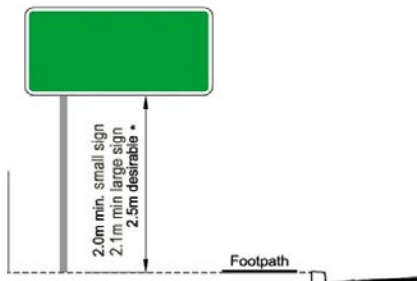


Figure 7.3 Urban location single pole support

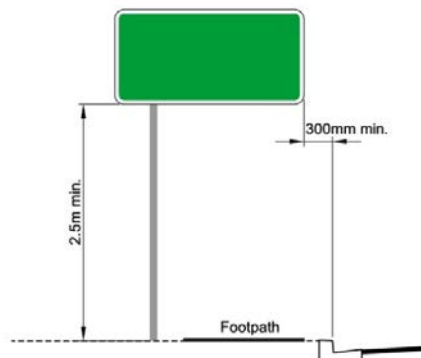


Figure 7.4 Urban location single pole support over a footpath

SIGN MOUNTING

DETAILS FOR ROADSIDE MOUNTED SIGNS

As a rule:

- For signs with two posts, the spacing should be approximately 60 percent of the sign width.
- Where signs are located on a footpath, consideration needs to be given to pedestrian accessibility around the post and to providing sufficient width to avoid the risk of an errant vehicle striking one or more posts. Further information can be found in the NZTA's State highway geometric design manual and NZTA P24:2020 Specification for Permanent Traffic Signs.

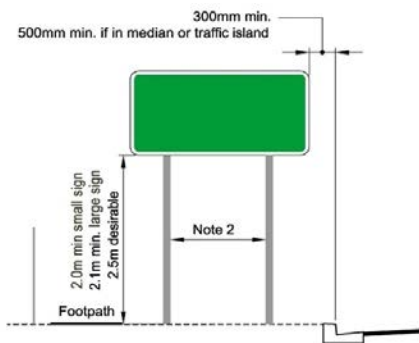


Figure 7.5 Urban location two-pole support

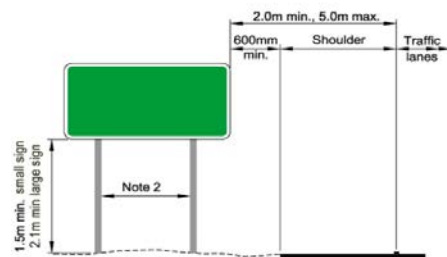


Figure 7.6 Rural location standard two-pole support

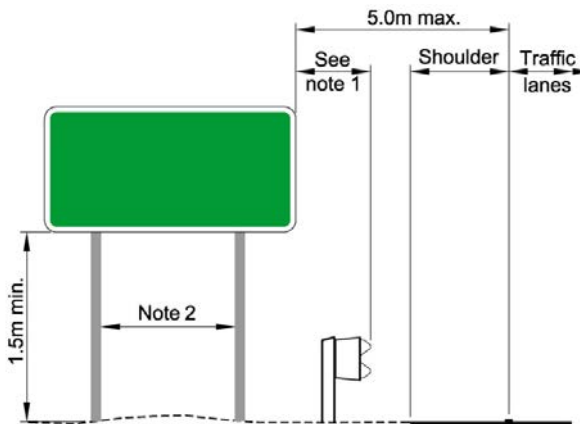


Figure 7.7 Rural location behind a guardrail

Note 1: The offset from the barrier will depend on the type of barrier system, i.e. rigid, semi-rigid and non-rigid barriers.

Note 2: Distance between posts is determined by the width of the sign. Refer to section 7.3.4 of this document.

SIGN MOUNTING

DETAILS FOR ROADSIDE MOUNTED SIGNS (REGULATORY AND WARNING SIGNS)

LATERAL CLEARANCE FOR TRAFFIC SIGNS

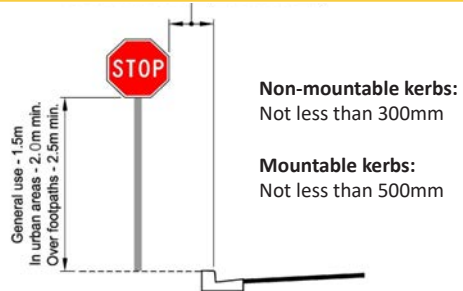
Table 7.3

| ROAD AND ENVIRONMENT TYPE | | LATERAL CLEARANCE | | |
|---------------------------|---|-------------------|---|---------------------------------------|
| | | | Minimum (mm) | Maximum (mm) |
| Urban | Kerbed | Mountable | 500 (where minimum lateral clearance cannot be achieved, the sign mounting height must be increased to at least 4.6m to ensure adequate clearance height for most vehicles) | - |
| | | Non-mountable | 300 | - |
| | Un-kerbed (including urban arterial expressways) | | 600 | 5000 (from nearest lane/closest edge) |
| | Kerbed (channelised intersections) | | 500 | - |
| Rural | Un-kerbed | | 600 (from outer edge of the road shoulder, line of edge marker posts or face of guardrail) | 5000 (from nearest lane/closest edge) |

KERBED ROADWAYS - URBAN & RURAL

Where minimum lateral clearances for kerbed roadways in table 7.2 cannot be provided, the mounting height above the roadway should be increased to at least 4.6m to avoid damage from trucks and vans.

Figure 7.1 Lateral and height clearances for regulatory and warning signs in kerbed roadways



UN-KERBED ROADWAYS

Figure 7.2 Lateral and height clearances for regulatory and warning signs in un-kerbed roadways



