



**2025 DIARY
& PRODUCT GUIDE**

www.rtl.co.nz

0800 785 744

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nz.linkedin.com/company/roadsigns-and-traffic-control-limited-rtl

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.

OUR VALUES

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 Values

Integrity

Learning & Development

Quality

Family

Fun



OUR SALES TEAM

North Island



Naomi Chew-Lit
Far North Island

Email: naomi.chewlitt@rtl.co.nz



Talei Lawrence
Auckland & Waikato

Email: talei.lawrence@rtl.co.nz



Shaun Watt
Lower North Island

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South Island



James Mckegg
Upper South Island

Email: james.mckegg@rtl.co.nz



Mark Stevens
Lower South Island

Email: mark.stevens@rtl.co.nz



Devon Gee
Lower South Island

Email: devon.gee@rtl.co.nz

Backed by a wider team - 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 Recertifications

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
<p>Engineer Grade - EG T-1500 EG Series AS/NZS 1906.1 Class 100, ASTM Type I</p>	<p>No face pattern.</p>	<p>Lowest cost reflective sheeting specified for use in traffic applications. Parking signs. Outdoor recreation signs. Service life exceeds 7 years.</p>
<p>High Intensity Prismatic - HIP T-6500 HIP Series AS/NZS 1906.1 Class 400 ASTM Type III and ASTM Type IV</p>	<p>Hexagonal (honeycomb) Pattern with “HIP” watermark and pre-printed lot number identification (eg. 4A2116) on the face film for tracking and authentication.</p>	<p>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.</p>
<p>OmniCube T-11500 OmniCube Series AS/NZS 1906.1 Class 1100 ASTM TypeXI</p>  <p>Certified Authorised Converter</p>	<p>Hexagonal (honeycomb) Pattern with watermark and pre-printed lot number identification (eg. 4A2116) on the face film for tracking and authentication.</p> 	<p>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.</p> <p>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.</p>

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



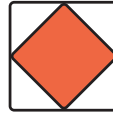
750 x 750



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 TW-34 with RG-17 or 34

Pass with Care















Pass with Care







TCD Code
MOTSAM

Please refer to the latest edition of the TCD Rule and CoPTTM / NZGTTM 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-6.1A
			
		TW-6B	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.



TEMPORARY

Logo Punch



Logo Engrave

Please refer to CoPTTM / NZGTTM for logo specifications.

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
-

TW-22 Detour Direction

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

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



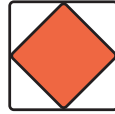
1 line
supplementary
900 x 300



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



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

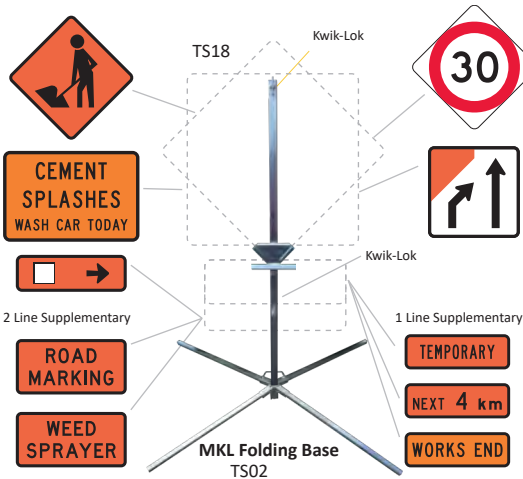
TEMPORARY WARNING STANDS

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

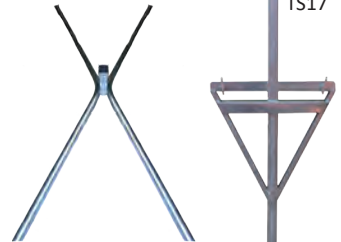


1200 Series TW System

Level 2/3

Level 2/3 Base Range

Fixed Base
TS02



Spider Base (Collapsible)

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.



TF27

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.

ASNZ 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

CoPTTM 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. Utilising the same remote, both the Instaboom and Instaboom LITE are solar hybrid powered and remote controlled, providing instant demarcation for your worksite.



Instaboom Lite 2.5m Boom

The Instaboom Lite is a light weight Barrier Arm, suitable for short term duration traffic management or suited for situations where a highly portable solution is required.

**** Talk to our team about the Telematics & Tracking Package**

APPROVED:
NZTA M23
Appendix F



Instaboom Grande 4.0m Boom

The Instaboom Grande Boom Arm is suited to long term construction sites, traffic flow, site access, projects and construction sites. It can be used with a **G56 Over Height Sensor** to protect assets from over height vehicle strikes.

VARIABLE MESSAGE SIGNS

VER-MAC

Applications:

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

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.



PRO
SERIES



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 Scorpion II TL-2+ Metro TMA

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 Slim TMA

LIGHT ARROW SYSTEM (LAS)

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

25 LIGHT LED ARROW BOARD

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. In the case of a rare failure on the arrow board, 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
- 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



END TREATMENTS & BARRIER SYSTEMS

Featured in NZTA M23 Road Safety Hardware Safety Specification

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).



Big Sandy Range

The Big Sandy is a MASH approved Crash Cushion / End Treatment filled with sand - hence the name Big Sandy. Barrels are available in 90-320 kg, 640 kg & 960 kg.



Big Sandy Barrels are suitable for a wide range of speed zones up to 110 km/hr.

Different configurations & barrel sizes are specified for different speed zones. Barrel sizes



SENTRY II WATER-CABLE BARRIER

Featured in NZTA M23 Road Safety Hardware Safety Specification

The Sentry II™ Water-Cable Barrier 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.



**TL-3 MASH
Tested & Passed**

Specifications*:

Length: 1900mm (pin to pin)
Width: 570mm
Height: 1200mm

* Source: FHWA B-279 Approval Letter

TRAFFIX WATER-CABLE BARRIER



The TrafFix Water-Cable Barrier™ 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-1 & TL-2 MASH
Tested & Passed**

Specifications:

Weight: 45kg (empty)
Weight: 485kg (full)

PEDESTRIAN SAFETY FENCES

EZI-Set Barricade

D-Fence Safety Fences



Shown with Barricade Tape

Hinged Model

L = 2400mm x H = 1200mm - 15kg L = 2000mm x H = 1200mm

PORTA BARRIERS

Standard

Slim Profile



TB 16
Note:
Not crash rated



L = 1950mm x H = 1000mm - 35kg L = 1980mm x H = 1000mm - 25kg

ROAD SAFETY PRODUCTS

900MM TRAFFIC CONE RANGE

TTMC Compliant Cones

Our Road Cones feature durable Class 400 3M Cone Collars for exceptional retro-reflectivity.

Features:

- Top hand grip
- Recessed Cone Collar
- Impact Tested
- Internal ribs to help with release



Enviro Cone®



Enviro Motorway



Wide Profile

CONE BRANDING

Fusion - Anti-theft



Combination of Anti-theft & thermal printing.

All in one brand that leaves a permanent mark.

Screen-printing



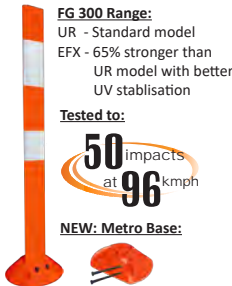
Brand your cones with a screen-print logo.

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
- Class 400 Retro-reflective
- Pre-cut to suit Slim or Wide

Road Marking Cone

TC11



- 450mm high
- PVC
- Class 400 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



Red flash Steady

Requires: - 2x D Batteries

All Wands & Lamps exclude Batteries

TRAFFIC CALMING & FACILITIES

CAR PARKS

Wheel stops

MH28 101

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
Width: 130mm
Height: 100mm

Weight: 16.5kg



Rubber Construction.

Recommended for use on level surfaces.

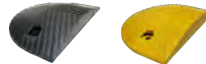
Speed Humps

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



Length: 250mm
Width: 350mm
Height: 50mm



Length: 500mm
Width: 350mm
Height: 50mm

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 each project.
- 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

DURAVISION MIRRORS

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.



Deluxe Traffic
Acrylic



Heavy Duty
Acrylic



Heavy Duty
Stainless Steel

Available as impact resistant acrylic or unbreakable stainless steel mirrors.

ISLAND CURB DELINEATORS

MO25



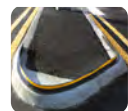
The Island Curb Delineator is designed to improve the visibility of raised islands, median noses, pedestrian refuges and roundabouts.

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

DELINEATORS & INFRASTRUCTURE

FG 300 CURB SYSTEM

The FG 300 Curb System is a modular, lane separation system that provides efficient and cost effective channelization of traffic.

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
- Length: 965mm. Height: 50mm



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



FG 300 TRAFFIC DELINEATORS

With more and more people getting on their bikes, whether it's to commute to work, to benefit from the exercise or just to be out with the family, it is vitally important to ensure that cyclists in those shared lanes are protected.

Our FG-300 Flexible Posts are an invaluable tool in the cycle suite of products. Pexco's polyurethane posts are both tough for long life and forgiving for cyclists. They are soft and pliable, yet have proven durability and long life resulting in reduced maintenance.

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

Please contact our team for more Information.



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.

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

WR3



PW-41

WR31



PW-41.1

WR32



PW-41.2

WR33



PW-41.3

WR4



-

WR5



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

WM10



1200 x 1200

SIGN SIZE GUIDE

Standard Sign Sizes



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



50 m

Standard Supplementary Sizes

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



15

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



USE
LOW
GEAR

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



8%

or 10%,
12%

-

WN4U



PW-27.1

WN3U



10%

or
12%

-

WN51



TRUCKS
USE LOW
GEAR

WN52



USE
LOW
GEAR

PW-28

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

PW-13

WXR2



Right
Controlled side road

PW-13

WXL2



Left
Uncontrolled side road

PW-13.1

WXR3



Right
Uncontrolled side road

PW-13.1

WXL3



Left
Uncontrolled side road

PW-13.1

WXR4



Right
Controlled T Junction

PW-13.2

WXL4



Left
Controlled T Junction

PW-13.2

WXR5



Right
Uncontrolled T Junction

PW-13.3

WXL5



Left
Uncontrolled T Junction

PW-13.3

WX1R



Right

PW-57

WX1L



Left

PW-57

WX11



-

WX3



PW-58

WX8



PW-59

WX41



PW-60

WX42



PW-60.1

WX40



PW-60.2

WX2L



Left

PW-63

WX2R



Right

PW-63

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

PW-15

WX7

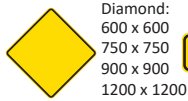


Variations: 3 or 4 Tracks

PW-15

SIGN SIZE GUIDE

Standard Sign Sizes



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



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



Type C:
750 x 750
900 x 900



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

WG WARNING - GENERAL SUPPLEMENTARY

WG11	WG12	WG13	WG2	WG3	WG4	WG5	WG6
PW-64	PW-64.1	PW-64.2	PW-26	PW-43.2	PW-24	PW-25	-
				Variations: 100m, 150m etc	Variations: 3km, 4km etc	Variations: 20km, 25km etc	

WF WARNING - FAUNA (ANIMALS)

WF11	WF12	WF13	WF21	WF22	WF31	WF35	WF37
PW-37	PW-37.1	-	PW-36	-	-	PW-37.5	PW-37.6
						TCD Rule: W18-3.10	TCD Rule: W18-3.12

WZ WARNING - MISCELLANEOUS

WZ1	WZ11	WZ12	WZ13	WZ2	WL4	WL5
PW-53	PW-54	PW-55	PW-56	PW-48	PW-54.1	PW-54.2
					TCD Rule: W14-11	TCD Rule: W14-11.1

WU WARNING - USER NON MOTORISED

WU1	WU1M	WU3	WU11	WU2	WU23	WU4
PW-29	PW-29.1	PW-30	-	PW-31	PW-23	PW-65
	Diamond & Supp Combination					

WU5	WU51	WU52	WU6	WU27	WU61	WU62	WU7
PW-34	PW-34.1	PW-34.2	PW-35	PW-27	-	PW-62	PW-36

WY - WARNING - DELINEATION AND HAZARD MARKERS

Left hand version shown
Right hand version available

WYS3



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

Left
PW-66

WYS4



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

PW-66

WYC1



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

PW-67

WYR2



Roundabout:
1200 x 450

PW-69

WYT3



W20-1.4

PW-68

T Junction:
3000 x 600
(minimum size)

WYT1



Sightboard:
T Junction
2400 x 600

Figure 5.12

RC-3

WYT2



Figure 5.12

2x 2400 x 600 panels

RC-5

Sightboard:
T Junction
4800 x 600

WYR1



Sightboard:
Roundabout
1600 x 400

RC-7

Figure 5.13

WYC3



1 Bar Chevron:
Urban: 450 x 600

RC-1

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

TCD Code
MOTSAM

WYBL



Bridge End Markers

Left

RM-6

WYBR



Right

RM-6

150 x 900

WYHM

Obstruction Marker



150 x 375

RM-7

SLED End Treatment Panels



700 x 700

Figure 5.6
Crash Cushion



600 x 750

WV WARNING - VEHICLE MOUNTED

WV11



1200 x 400

WV13



570 x 500

WV12



825 x 300

WV14



570 x 500

WU22



From
600 x 400

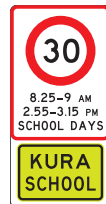
PW-32

RS6V



750 x 500
Kura School Supp
(Electronic Sign
sold separately)

RS6



860 x 1740
Kura School Static
Variable Sign

RS62



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

WV22

WV23

WV24

WV25

WV26

**DANGER
SLOW DOWN**

**WIDE LOAD
FOLLOWS**

**WIDE LOAD
AHEAD**

**HOUSE
FOLLOWS**

**HOUSE
AHEAD**

**LONG LOAD
FOLLOWS**

HT04 02

HT04 05

HT04 06

HT04 03

HT04 04

HT04 07

WV27

WV28

WV28

WV29

Compliments
& Complaints Sign

Transport Flag

**LONG LOAD
AHEAD**

**PILOT
VEHICLE**

**PILOT
VEHICLE**

OVERSIZE

**UNDER
TOW**

**0800
LOGTRUCK
MC67**



HT04 08

HT04 11

HT04 01

HT04 14

600 x 381

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
400 x 300

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



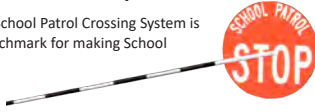
Directional Signage for shared paths, bike lanes, cycling routes including the New Zealand Cycle Trail, to encourage cycling and walking.

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: Ask for no black bands on school patrol arm - needs to plain white.

Please visit www.rtl.co.nz for our brochure and installation manual



The Stayput School Patrol System is the only system where you do not have to carry the equipment out each day and set it up. The patrol arm / disc is securely locked away into the top cover when not required.



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 Pole

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.

TPO9

300mm x 450mm



GENERAL INFORMATION SIGNS

STATE HIGHWAY DISTANCE MARKERS

LR-KMP



RM-30

Kilometre Marker Post

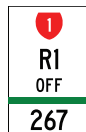
LR-RS



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*	RP54*	RP55*	RP61	
 -			Bridge Advance 	Bridge Giveway 	Bridge Priority 		
RP76			Combination of WW2 + RP51 	Combination of RP51 + RP22 	Combination of WW2 + RP52 		
 -	RG-19	RG-20	-	-	-	RG-30	
*Items sold individually							
RP62	RP63	RP64	RP65	RP66	RPX1*	RPX2*	RPX3*
							
-	RG-27	-	-	-	RG-33	RG-32	RG-31

RS REGULATORY - SPEED

















OTHER

RS1	RS1T* Refer to Temporary Warning	RS2	RS3	RS4	RS63	RP3
	 				  	 
Variations: 10km to 90km RG-1	Combination of RS1 & TG1 * Items sold individually	RG-2	RG-2.1	-	R1-9.1: Beach R1-9.2: Riverbed	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	RD71	RD72
							
Turns	No Turns						
RG-11	RG-10	RG-14	RG-18	-	-	-	-

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	RJ11
	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



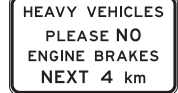
IG-5

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

AE1L



IG-18

AE2L



IG-18

AE31



IG-19

AE32



IG-19

AX11



IG-3

AX12



-

AX - RAILWAY LEVEL CROSSING

AU ADVISORY - USERS, NON MOTORISED

AU11



IG-20

AU12



IG-21

AU2L



IG-22

AU13



-

AU41



-

AU42



-

AU51



-

Cycle Trail



ADVISORY - OTHER



IG-23



IG-23



IG-24

AB6



-

AB41

100 m

AB42

AHEAD

AB43

ON-RAMP

AT - TEMPORARY

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
						
-	-	-	-	RP-10	RP-10.1	-
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

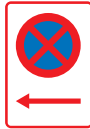
PARKING - NO STOPPING

Left hand version shown
Right hand version & double arrow available



PN1

RP-1



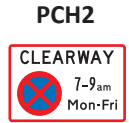
PN11

RP-1.1

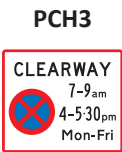


PN13

RP-2



RP-3



RP-3.1



RP-3.5



RP-3.2



RP-3.3



Variations:
1km, 2km & 3km

RP-1.2



RP-2.1

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



P22



P22



P21

-



P22



P22



P13

-



P14



P14

TCD Code
MOTSAM

MOTORIST SERVICE & TOURIST SIGNS

ADJACENT TO ROAD

MA1R



MS-1.1

MA2L



MS-1.2

MA3R



MS-1.3

MA4L



MS-1.4

CHEVRON

MC1R



MS-3.1

MC2L



MS-3.2

MC3R



MS-3.3

MC4L



MS-3.4

ON SIDE ROAD

MB1L



MS-2.1

MB2R



MS-2.2

MB3L



MS-2.3

MB4R



MS-2.4

ARROW

ME1R



MS-4.1

ME2L



MS-4.2

ME3R



MS-4.3

ME4L



MS-4.4

Symbols



S 1

Rest Area



S 2

Accommodation



S 3

Camping ground



S 4

Caravan park



S4a

Campervan



S 5

Camping ground & Caravan park



S 6

Motor fuel



S 7

Motor fuel & Repairs



S 8

Refreshments



S 9

Meals



S 10

Information



S 11
24 Hr Emergency
Medical Service



S 12
Public telephone



S 13
Public toilets



S 14
Waste disposal point



S 15
Public parking area



S 16
Truck parking area



S 17
Truck trailer parking area



S 18
Airfield



S 19
Boat ramp



S 20
Wheelchair access



S 22
Electric Vehicle
charging station

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



TR-1

Tourist Drive



TR-2

Route Marker Signs



TR-3

Examples of Typical Signs:

Advance Signs



TR-4
Information
Sign



TR-6
Confirmation Sign



TR-5
Intersection
Sign

Position Signs



TS-3



TS-4



i-SITE Visitor Sign

Adjacent to the road & on side road



TS-1



TS-1



TS-2

Advance & Motorist Services



TS-5

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)

SIGN SUPPORT & MARKING

LANE DELINEATORS

FG 300 Delineator

Both the UR & EFX models are made from polyurethane, the toughest polymer on the market. Both models feature easy pin release.

Range:

UR - Standard Model
EFX - 65% Stronger than UR Model
Better UV Stabilisation

Clover Leaf Design



Temporary
Compliant
TTM Delineator

Tested to:

50 impacts
at 96 kmph



Permanent



Steel-Flex® Surface Mount

MP04

Very fast and easy to install.

Available plain or delineated.

Sizes: 1000mm or 800mm



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. Please
see website for
more info.



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 BRACKETS & STRAPPING

STRAPPING, CLIPS & BRACKETS

Aluminium Poles and Sockets



Safety Ground Socket (with wedge) Ground Socket (with grub screw)

Wide range of frangible aluminium poles and ground sockets available - 60mm to 114mm diameter

Strapping Systems



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



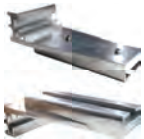
AUO

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



BRACKET CONFIGURATIONS

Street name brackets can be used in a variety of configurations



Examples of brackets and strapping



Combination



End mount

Mid & end mount



BOLLARDS

The Aluminum Fluted Bollards are highly versatile, look great and are easy to install.



Applications:

- Pedestrian areas
- Shared Zones
- Parks & Reserves
- Car parks
- Shopping Centres
- Business Parks

Available in 102mm or 114mm dia

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

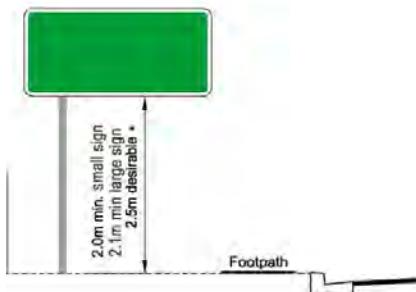


Figure 7.3 Urban location single pole support

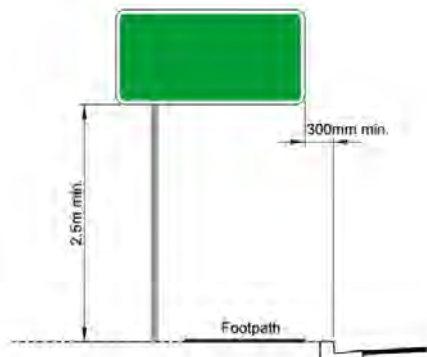


Figure 7.4 Urban location single pole support over a footpath

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.

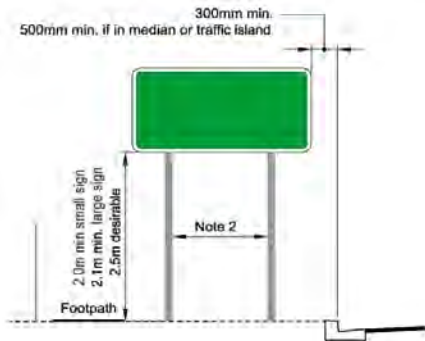


Figure 7.5 Urban location two-pole support

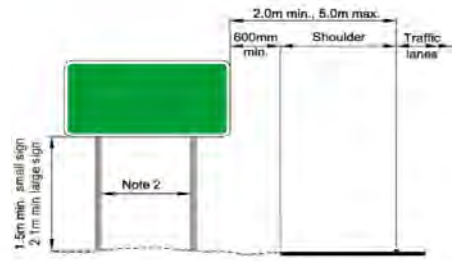


Figure 7.6 Rural location standard two-pole support

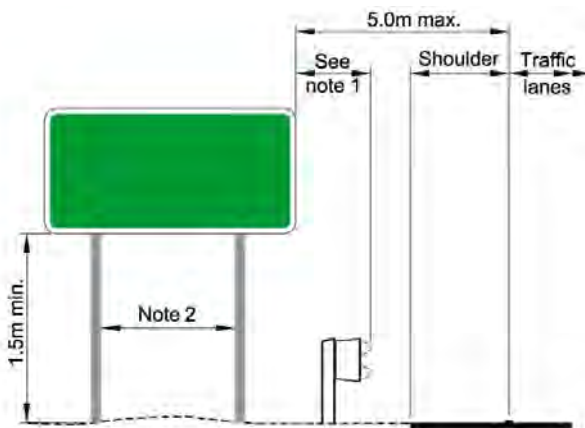


Figure 7.7 Rural location behind a guardrail

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

