

# CURVE WARNING SIGN



**Model :**  
MV CWS

**Volume 3**  
September 25

## Curve Warning Sign

# More About The Sign



### Features:

- High-visibility LED warning
- Flexible power options
- Radar activated
- NZTA-compliant
- Two Stage Activation
- Hold's up to 8 batteries

Harding Traffic's Curve Warning Signs are ITS-SPEC-AWRS-202402 compliant and designed to deliver advanced warning of approaching bends. By slowing vehicles and improving driver behaviour, they help create a safer environment for all road users, including cyclists and pedestrians.

Each unit detects approaching vehicle speeds and displays a left or right curve arrow depending on the installation site. If a vehicle exceeds the programmed threshold, the sign automatically shows a bold SLOW DOWN message, providing an immediate and targeted safety alert.

An advanced photoelectric sensor adjusts LED brightness to suit surrounding light conditions, clear in full daylight while reducing glare at night. Manual adjustment is also available for local fine-tuning.

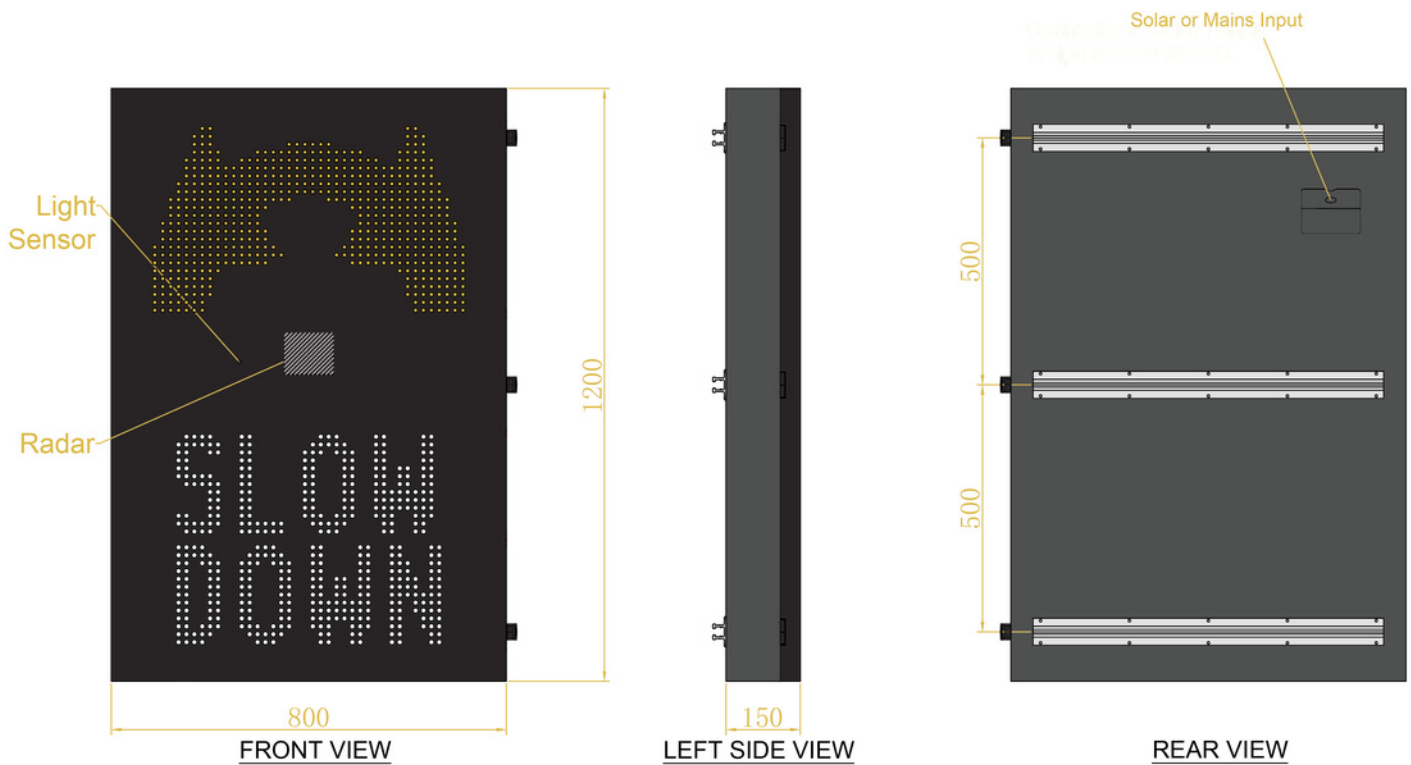
For flexibility, the Curve Warning Sign can be powered by solar energy for independent operation or connected to a mains supply for constant performance in high-use or restricted-solar locations.

All Harding Traffic signs are built to EN12966 standards, guaranteeing compliance with New Zealand's preferred industry specification. This ensures the correct "viewing window" for drivers, with optimised visibility for oncoming traffic and minimal light spill outside the target zone.



# Curve Warning Sign

## Sign Specifications



### Sign Specification

#### Cabinet Dimensions:

800mm W x 1200mm H x 150mm D

#### Cabinet Colour:

Powder coated black front with aircraft grey on side and rear.

#### Power / Voltage:

12 VDC solar option or 230 VAC mains option

#### Weight:

38kg (without batteries)

#### LED Display Colour:

Amber & White (RGB LEDs)

#### Enclosure Rating:

IP56

#### Cabinet Material:

Aluminum

#### Sign Maintenance:

Front access

### Radar Specification

#### Operating Frequency:

24.15GHz

#### Speed Detection Range:

5 to 350 kph

#### Accuracy:

±1 kph

#### Lanes Application:

Single Lane

#### Detection Range:

150m

#### Operating temperature:

-30°C to 70°C Celsius

#### Refresh Rate:

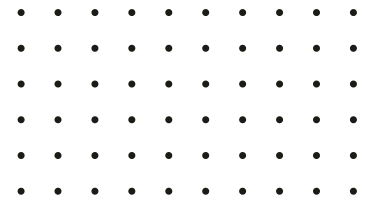
0.5Hz

#### Power Supply:

9 to 24 VDC

# Curve Warning Sign

## Value Added Options



### Smarter signs for safer journeys

Our Curve Warning Sign is designed with flexibility in mind, offering a range of value-added options to suit any installation. The OverSite™ IntelliSign platform allows remote monitoring and management, giving operators full visibility of performance and scheduling. Power can be tailored to site requirements, with multiple solar configurations available for reliable off-grid operation, or a mains power option where constant supply is preferred. For speed detection, the standard radar can be upgraded to a long-range radar unit, providing enhanced coverage and earlier vehicle detection on challenging approaches. These options ensure that every Curve Warning Sign can be configured to deliver maximum safety, efficiency, and reliability in its environment

### Display Sequence



Left Curve



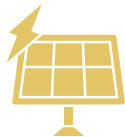
Right Curve

### Add On Options



#### OverSite™ IntelliSign

IntelliSign puts you in control, delivering remote monitoring, and real-time insights so you can manage every sign from anywhere, with confidence and ease



#### Solar Powered

Our solar options give you the freedom to choose the right solution for your site. From compact 60W and 100W setups through to robust 200W and 400W systems.



#### Main's Powered

Our mains power option is the ideal choice for high-use sites or locations where solar may be restricted. Always on. Always reliable.



#### Long Range Radar

Our long-range radar option extends detection up to 350 metres, providing earlier warning and greater reaction time for drivers approaching high-risk curves. Ideal for higher-speed environments.

# About



## Intelligent Traffic Management Systems

At Harding Traffic, we are more than just a company; we are pioneers in traffic control solutions with a rich history dating back to 1966 when Harding Signals was incorporated. This marked our venture into electronic traffic signals.

In 1997, our area of operations moved away from Traffic Signals and into Electronic Signage and Traffic Management Systems. To reflect this, we changed our name to Harding Electronic Signals Ltd. Harding Traffic's integration into the Traffitech Group in 2007 marked a new era of growth, joining a group of companies boasting a robust financial standing with \$45 million in revenue, assets exceeding \$20 million, and a dedicated team of 180 staff and 6 locations across New Zealand.

Our journey has been marked by a steadfast dedication to innovation and quality, leading the charge in traffic control technology. With 1000's of the country's traffic signs installed by Harding Traffic over 28 years, our impact is undeniable. Yet our ambition extends beyond electronic traffic signs; we've become a comprehensive provider of traffic management/warning systems, car park solutions, integrated traffic management solutions, data capture and analytics along with so much more. We are committed to enhancing urban infrastructure with our cutting-edge solutions

### Quality Guaranteed

Harding Traffic holds AS/NZS 4801 Health and Safety Management certification, ISO 9001 manufacturing quality certification and ISO 14001 Environmental Management System certification. These certifications represent Harding's commitment to providing a consistently high level of service, delivery quality products based on sound management and process controls.

## Contact Us :



Phone Number  
**0800 427 346**



Email Address  
**[sales@hardingtraffic.co.nz](mailto:sales@hardingtraffic.co.nz)**



Office Address  
**31 Maurice Road, Penrose, AKL, 1061**