

NORSIGN

VAS/AWS

Vehicle Activated Signs/Advance Warning Signs



Proudly Designed and Manufactured by NorSign NT in Australia

From the Brand You Know and Trust for Over 40 Years

Electronic Signs



NorSign electronic signage are built to withstand the harshest of environments. These units are weatherproof and low maintenance with ultimate power efficiency and designed for easy installation. These electronic signs feature long-life, ultra-bright, superior quality LEDs, with automatic brightness adjustment and flicker-free technology. NorSign electronic signage is available with a full matrix display area, capable of displaying more complex text, multiple speeds and graphics, as well as discrete character displays, typically used for single or dual speed variants but can also be used for multiple displays. NorSign are available in Australian standard types A, B, C sizes.

Each sign has an option of a secondary battery backup. The cabinet housings are secure and lockable, meeting all communication security compliance standards.

NorSign electronic signs are designed to communicate via the most commonly used VicRoads and TfNSW protocols along with Traffic Technologies proprietary platform TST, giving total control and diagnostic information.

NorSign Electronic LED Signs include:

- School Zones
- Variable Speed Limit Signs (VSL)
- No Right Turn / No Left Turn (NRT / NLT)
- Electronic Speed Limit Signs (ESLS)
- Variable Message Signs (VMS)
- Electronic Message Signs (EMS)
- Vehicle Activated Signs (VAS)
- Portable Activated Signs (VAS)
- Watch for Peds
- Watch for Cyclists



VEHICLE ACTIVATED SIGNS/ADVANCE WARNING SIGNS



Features

■ Control Options:

- Loops
- Laser
- Radar
- Stand Alone Sign Control
- Grouped Sign Control

■ Access:

- Local Activation
- Local Monitoring
- Remote Activation – optional
- Remote Monitoring – optional

■ Power:

- 240 volt mains
- Battery Backup 240 Vac
- Solar c/w 100Ah battery

VEHICLE ACTIVATED SIGNS/ADVANCE WARNING SIGNS

DESCRIPTION

Manufactured in Australia by NorSign, the **Vehicle Activated Signs (VAS)** are designed to operate in conjunction with a radar or other detection device. VAS can be triggered by an approaching vehicle exceeding the preset speed threshold, the flashing amber lamps and/or additional text warning message will illuminate to remind the driver to slow down and approach with caution.

NorSign Advance Warning Signs (AWS) are the same quality and build as the VAS and are activated by the traffic signal controls, these are used as an advance warning to signalised intersections. Both VAS and AWS are installed at a distance ahead of a hazardous situation or unsafe driving condition, to allow vehicles time to slow down in situations such as adverse weather, obstruction, road closure, detours, school zones, traffic control, roadworks or junctions.

Signs available in **A**, **B** or **C** sizes. Static or Portable.

Signs Available in AS1743 Type A, B, C	
Standard - Amber Lamps	Additional Text Box
A H 1445 x W 1000 mm	A H 1770 x W 1000 mm
B H 1645 x W 1200 mm	B H 2075 x W 1200 mm
C H 1945 x W 1500 mm	C H 2470 x W 1500 mm
VAS with Additional LED Warning Message	H 2465 x W 1500 mm
Aluminium poles 102 mm Dia. 1 or 2 poles required depending on size and weight.	



Applications include:

- Flood Prone Areas
- Low Bridge
- Road Closures
- Hazardous Junctions
- Detours
- Traffic Signals
- Level Crossings
- Roadworks
- Falling Rocks
- School Zones
- Ice and Snow
- Hospitals
- Aged Care Homes
- Fire Stations
- Ambulance Stations
- Adverse Weather
- Hairpin Bends
- Cattle and Livestock
- Cyclists
- Horse Riders
- Truck Entry

Both sign systems use a high intensity white or amber LED display. Utilising the latest electronic hardware and software technology. The sign displays bright, clear and concise messages with flicker-free technology. VAS/AWS can be custom made to display a warning message in addition to an appropriate road sign. (See the following pages for all available options).

All signs are designed and manufactured to the AS5156 standard and communicate via the most commonly used road authority protocols, along with Traffic Technologies proprietary platform TST, giving total control and diagnostic information.

ADDITIONAL LED WARNING MESSAGE



Intermittent one or two part message warning: 'Slow Down' – 'Too Fast', are designed to activate when an approaching vehicle is exceeding the set speed limit. All VAS/AWS are available with an activated LED text message and alternating flashing amber lamps. Speak to our company representatives for further information.

Available in A, B or C sizes. See page 18 for full details and sizing.



PRINTED WARNING TEXT BOX



In addition to flashing amber lights, VAS/AWS can be manufactured with an additional printed text box to caution drivers of the potentially hazardous conditions ahead.

All signage in this catalogue can be produced using this design and style.

VEHICLE ACTIVATED SIGNS/ADVANCE WARNING SIGNS



PORTABLE/TEMPORARY SIGNS

The NorSign VAS and AWS range can be manufactured as a portable system for temporary installations and permanent installs in areas with no mains power supply. These are built using our solar panels and can be designed and produced with additional printed text message or activated electronic LED messages. Other addons can be included, for example: a weather station or temperature guage.

Standard available options:

- VAS Radar activation mounted on sign
- VAS Remote radar activation
- Temperature sensor activation

The following pages show the standard warning signs with reference codes, available from NorSign.



VAS OR AWS - SOLAR OR MAINS POWERED - YOU CHOSE



W9-1
A/B/C (L or R)



W9-2
A/B/C (L or R)



W9-3
A/B/C (L or R)



W9-4
A/B/C (L or R)



MERGING TRAFFIC
W5-34
A/B/C (L or R)



ADDED LANE
W5-35
A/B/C
(L or R)



SIDE ROAD
JUNCTION RIGHT
W2-4
A/B/C (L or R)



SIDE ROAD
JUNCTION RIGHT
W2-4
A/B/C (L or R)



STAGGERED SIDE ROAD
JUNCTION
W2-8
A/B/C (L or R)



SUCCESSIVE SIDE ROAD
JUNCTION
W2-13
A/B/C (L or R)

VEHICLE ACTIVATED SIGNS/ADVANCE WARNING SIGNS



VAS/AWS RANGE



CROSS ROAD
W2-1
A/B/C (L or R)



T-JUNCTION
W2-3
A/B/C



TURN
W1-1
A/B/C (L or R)



TWO WAY TRAFFIC
W4-11
A/B/C



LANE ALLOCATION
W4-10
A/B/C



REVERSE CURVE
W1-4
A/B/C (L or R)



REVERSE TURN
W1-2
A/B/C (L or R)



CURVE
W1-3
A/B/C (L or R)



HAIRPIN BEND
W1-7
A/B/C (L or R)



WINDING ROAD
W1-5
A/B/C (L or R)



SUCCESSIVE SIDE ROAD JUNCTION
W2-11
A/B/C (L or R)



SUCCESSIVE SIDE ROAD JUNCTION
W2-12
A/B/C (L or R)



CROSSROAD ON CURVE
W2-15 (L or R)



SIDE ROAD JUNCTION ON A CURVE
W2-9
A/B/C (L or R)



SIDE ROAD JUNCTION ON A CURVE
W2-10
A/B/C (L or R)



T JUNCTION BEYOND
W2-14
A/B/C
(L or R)



ROUNDABOUT
W2-7
A/B/C



DIVIDED ROAD
W4-4
A/B/C/D



NARROW BRIDGE
W4-1
A/B/C



ROAD NARROWS
W4-3
A/B/C

VEHICLE ACTIVATED SIGNS/ADVANCE WARNING SIGNS



ROAD HUMPH
W5-10
A/B/C



ROAD HUMPS AHEAD
W3-4
A/B/C



STEEP DESCENT
W5-12
A/B/C



STEEP CLIMB
W5-13
A/B/C



SIGNALS AHEAD
W3-3
A/B/C



HORSE AND RIDER
W-H&R
A/B/C



KANGAROOS
W5-29
A/B/C



KOALAS
W5-47
A/B/C



WOMBATS
W5-48
A/B/C



SLIPPERY
W5-20
A/B/C



AIRCRAFT
W5-30
A/B/C



BICYCLES
W6-7
A/B/C



FALLING ROCKS
W5-42
A/B/C (L or R)



TRUCKS CROSSING OR ENTERING
W5-22
A/B/C



W-RAIL SIGN
A/B/C



GIVE WAY SIGN AHEAD
W3-2
A/B/C



STOP AHEAD
W3-1
A/B/C



HOSPITAL
W6-6
A/B/C



AMBULANCE STATION
W5-37
A/B/C



FIRE STATION
W5-36
A/B/C

VAS/AWS RANGE



GRAVEL ROAD
W5-19
A/B/C



ROAD AHEAD
W6-8
A/B/C



ROAD ENDS
W5-18
A/B/C



SLOW POINT
W5-33
A/B/C



**TREES CLOSE TO ROAD
VIC ONLY**
W5-V127
A/B/C



TRUCKS TURNING
W5-205
A/B/C



**DRY WEATHER
ROAD ONLY**
W-DWRO
A/B/C



LEFT LANE ENDS
W4-9
A/B/C



CREST
W5-11
A/B/C



DIP
W5-9
A/B/C



FORD
W5-6
A/B/C



GATE
W5-14
A/B/C



GRID
W5-16
A/B/C



ISLAND
W4-5
A/B/C



FERRY
W5-1
A/B/C



LOW CLEARANCE
...m (AHEAD)
W4-8
A/B/C



LOW LEVEL BRIDGE
W5-8
A/B/C



OPENING BRIDGE
W5-2
A/B/C



FLOODWAY
W5-7-1
A/B/C



FLOODWAYS
W5-7-2
A/B/C

VAS/AWS RANGE - WESTERN AUSTRALIA ONLY



WA ONLY
MR-WDAD-2



WA ONLY
MR-WDAD-3



WA ONLY
MR-WDAD-6



WA ONLY
MR-WDAD-7



WA ONLY
MR-WDAD-8



WA ONLY
MR-WDAD-9



WA ONLY
MR-WDAD-10



WA ONLY
MR-WDAD-11



WA ONLY
MR-WDAD-12



WA ONLY
MR-WDAD-13



WA ONLY
MR-WDAD-14



WA ONLY
MR-WDAD-15



WA ONLY
MR-WDAD-16



WA ONLY
MR-WDAD-17



WA ONLY
MR-WDAD-18



WA ONLY
MR-WDAD-19



WA ONLY
MR-WDAD-20



VAS/AWS SCHOOL SIGNAGE



SCHOOL BUS
W6-204
A/B/C



CHILDREN
W6-3
A/B/C



PEDESTRIANS
W6-1
A/B/C



**PEDESTRIAN CROSSING
AHEAD**
W6-2
A/B/C



SCHOOL & PEDESTRIAN QUEENSLAND ONLY



CHILDREN
TC1193
A/B/C



SCHOOL
TC1192
A/B/C



**SCHOOL CROSSING
AHEAD QLD**
TC1194
A/B/C



VAS/AWS RANGE RAILWAY SIGNAGE



**TRAIN CROSSING
RIGHT ANGLE
W7-8
A/B/C**



**TRAIN CROSSING
ANGLE
W7-9
A/B/C (L or R)**



**TRAIN CROSSING
T-JUNCTION
W7-12
A/B/C (L or R)**



**TRAIN CROSSING
INTERSECTION
W7-13
A/B/C (L or R)**



**RAILWAY GATE
W7-15
A/B/C**



**RAILWAY LEVEL
CROSSING FLASHING
SIGNAL AHEAD
W7-4
A/B/C**



**TRAIN
W7-7
A/B/C (L or R)**



TRANSPORTABLE

The Portable VAS/AWS signs are designed for locations where there is no mains power available or as a temporary sign solution.

The transportable system is ideal for remote locations, emergencies, road hazards, floods, roadworks and construction sites. The system comes complete with sign, poles, support cage, amber lamps, control unit and housing, solar panel, radar (AWS only) and battery package.

Graphic signs available in AS1743 standard **A**, **B** or **C** sizes.

Signs Available in AS1743 Type A, B, C
Standard
A H 1445 x W 1000 mm
B H 1645 x W 1200 mm
C H 1945 x W 1500 mm
Aluminium poles 102 mm Dia. 1 or 2 poles required depending on size and weight.

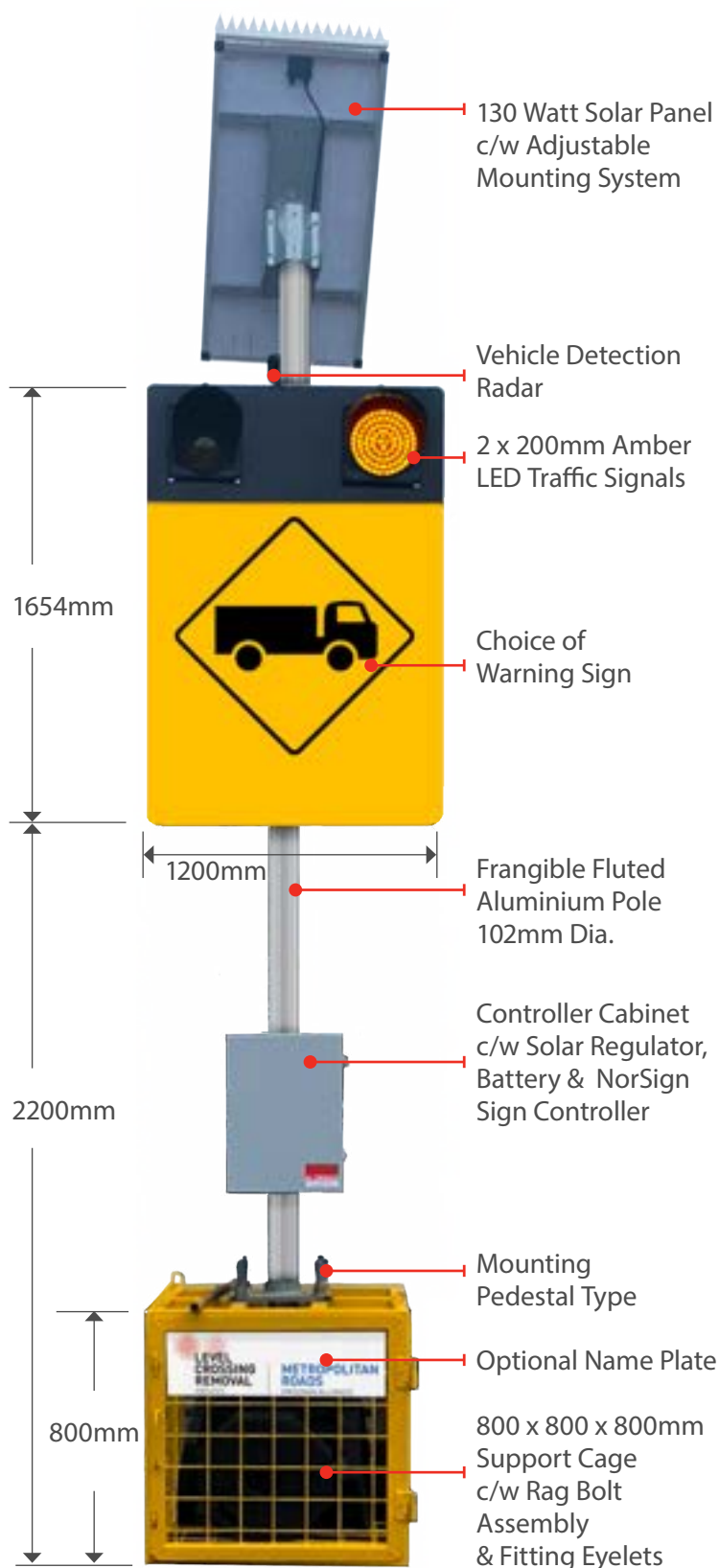
With optimum visibility, the amber LED lamps flash alternately when triggered by an approaching vehicle.

VAS/AWS are available with additional text box or activated LED messaging.

Speak to your representative for your requirements and specifications.

Applications include:

- Road Works
- Construction Sites
- Floods
- Temporary Traffic Signals
- Level Crossings Removals
- Ice and Snow
- Events
- Remote Locations



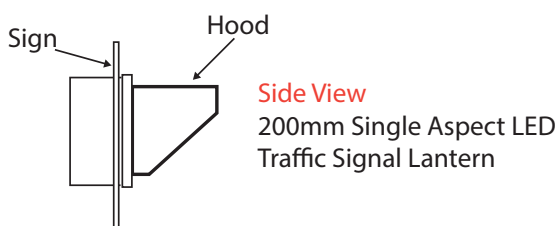
VAS SIZES AND INFORMATION



ELECTRONIC MESSAGE SIZES & INFORMATION

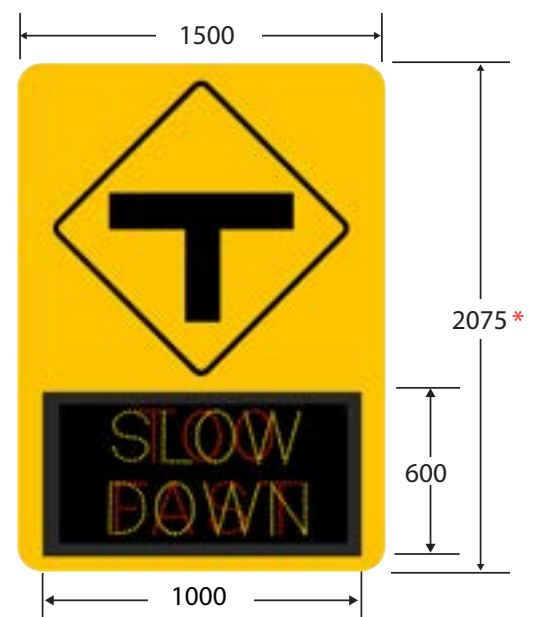
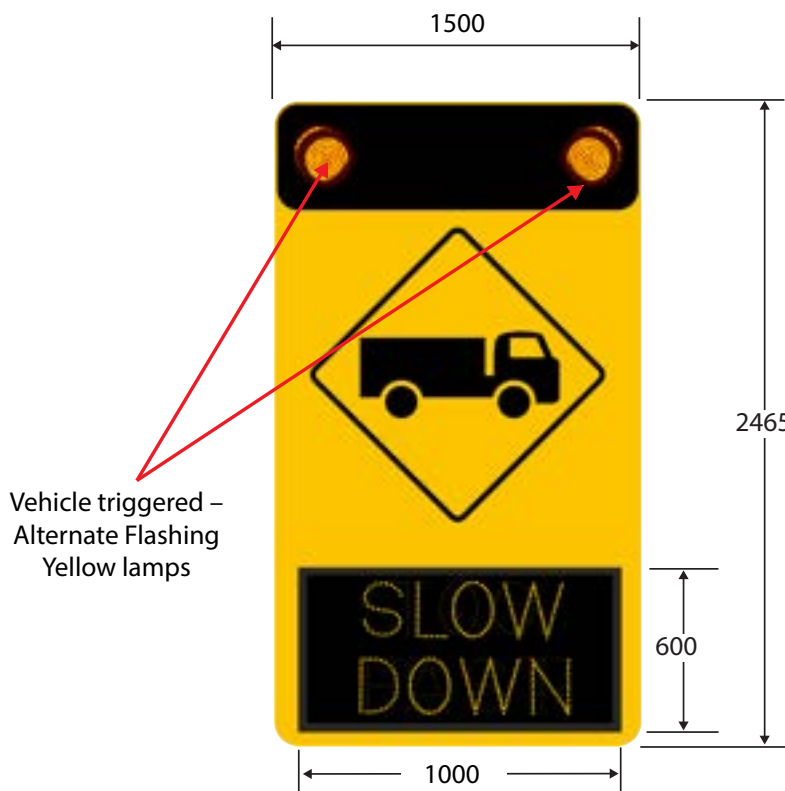
VAS/AWS Electronic LED Features:

- Full dot matrix or discrete display
- High brightness white/amber LED display
- Vehicle detection
- Radar detection (AWS only)
- Alternate flashing amber lamps
- Time based schedule display function
- Sign dimensions: **A, B or C size**
- LED warning message: **Variable**
- Designed to comply with current Australian road authority standards



Signs Sizes Available	
Amber Lamps + Activated LED Warning	Activated LED Warning Only
	A H varies x W 1000 mm*
	B H varies x W 1200 mm*
C H 2465 x W 1500 mm	C H varies x W 1500 mm*

* Height is variable, dependent on LED message



VAS SIZES & INFORMATION

VAS/AWS Features:

- Vehicle detection
- Alternate flashing amber lamps
- Radar detection (AWS only)
- Sign dimensions: **A, B or C size**
- Designed to comply with current Australian road authority standards



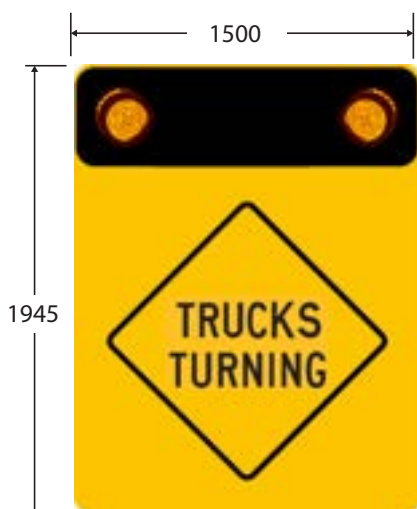
'C' Size



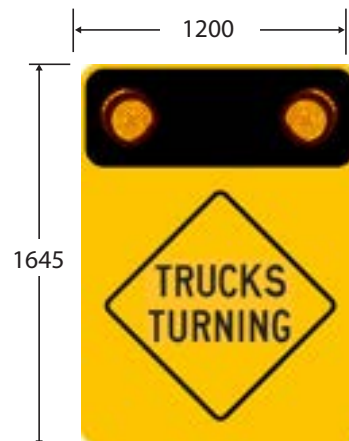
'B' Size



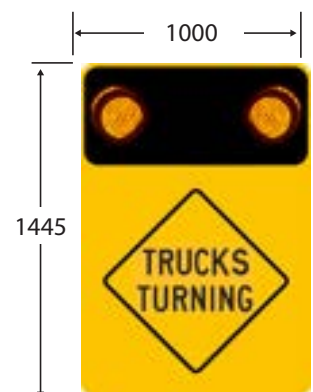
'A' Size



'C' Size



'B' Size



'A' Size



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