

ALDRIDGE



Vehicle Activated Signs – VAS

Proudly Designed and Manufactured by Aldridge Traffic Systems in Australia
From the Brand You Know and Trust for Over 40 Years



Proudly manufactured in Australia by Aldridge Traffic Systems (ATS), our Electronic LED Signage (ELS) are built to withstand the harshest of environments. The units are weatherproof and low maintenance with ultimate power efficiency and designed for easy installation. The signs feature long-life, ultra-bright LEDs of superior quality and with automatic brightness adjustment and flicker free technology. Our ELS signs are available with 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.

Each sign has a secondary battery backup. The cabinet housings are secure and lockable and include a facility key switch for Road Workers, Police and Emergency Services, meeting all communication security compliance standards.

ATS ESLS signs are designed to communicate via the most commonly used Vic Roads and TfNSW protocols. Our ESLS are fully compliant with TfNSW and VicRoads regulations and are available in Australian standard types A, B, C sizes.

Aldridge 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)
- Portable Flashing Arrow Signs
- Portable VMS
- Vehicle Activated Signs (VAS)
- Transportable Activated Signs (VAS)



ADVANCE WARNING SIGNS



Vehicle
Activated
Signs – VAS

VAS

Designed and manufactured by ATS, the Vehicle Activated Signs – (VAS) are activated when an approaching vehicle is detected or to be exceeding a preset speed threshold.

Triggered by approaching vehicles, the flashing amber lamps and/or warning message will illuminate to remind the driver or rider to slow down and approach with caution.

These signs can be installed on the approaches to hazards and certain situations, for example; adverse weather conditions, obstructions and as an advance warning to signalised intersections.

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

Signs Available in AS1743 Type A, B, C
A H 1445 x W 800
B H 1645 x W 1000
C H 1945 x W 1200
Aluminium poles 102mm Dia. 1 or 2 poles required depending on size and weight

Applications include:

- | | | |
|------------------------|-------------------|----------------------|
| ■ Hazardous Junctions | ■ Falling Rocks | ■ Ambulance Stations |
| ■ Low Bridge | ■ Wildlife | ■ Steep Descent |
| ■ Sharp Bends | ■ Ice and Snow | ■ Hairpin Bends |
| ■ Flood Prone Areas | ■ Schools | ■ Winding Roads |
| ■ Cattle and Livestock | ■ Hospitals | ■ Cyclists |
| ■ Traffic Signals | ■ Aged Care Homes | ■ Horse Riders |
| ■ Level Crossings | ■ Fire Stations | ■ Truck Entry |



ATS VAS use a high intensity white or amber LED display. Utilising the latest electronic hardware and software technology. The signs display bright, clear and concise messages. VAS can be custom designed to display a warning message as well as the appropriate road sign. (See the following pages for available options).

All our VAS signs are manufactured to the AS5156 standard and designed to communicate via the most commonly used RTA protocols.

PORTABLE VAS

The portable VAS is designed and manufactured by ATS and ideal for situations where there is no available power supply. The transportable VAS is the perfect solution for situations where there are temporary road hazards, for example – floods, road works or construction sites. These signs operate exactly as the static VAS sign. They come complete with control cabinet, solar panel and battery package.

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

Signs Available in AS1743 Type A , B , C
A H 1445 x W 800
B H 1645 x W 1000
C H 1945 x W 1200

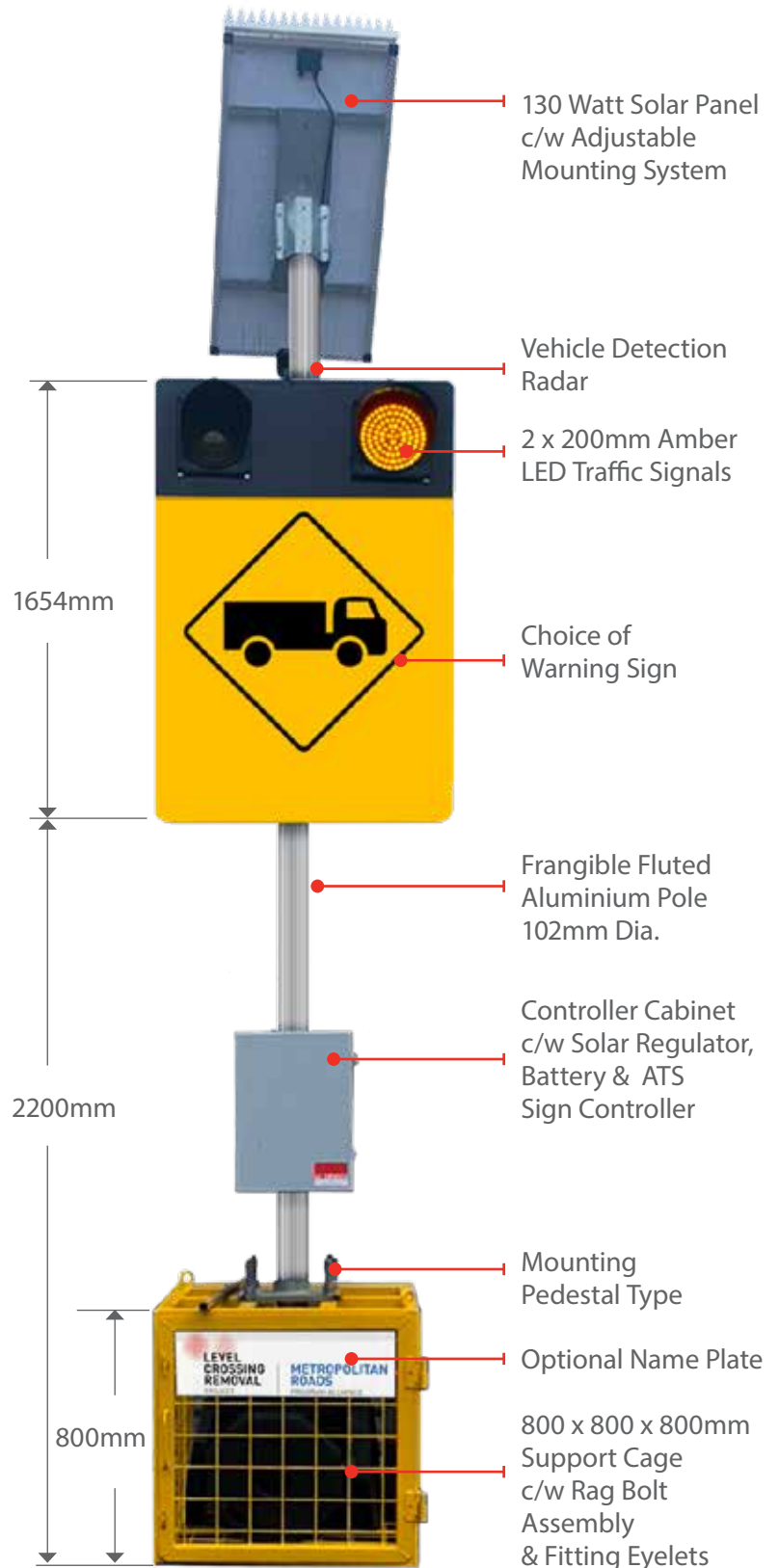
VAS portable signs are located well in advance of a hazard, designed to increase driver awareness and reduce vehicle speed well in advance of the risk or danger ahead. The amber LED lamps flash alternately when a detected vehicle approaches.

A choice of signage on the following pages can be produced together with additional text if required.

Available in A, B or C sizes. See page 15.

Applications include:

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



VAS WITH ADDITIONAL ELECTRONIC MESSAGE



The intermittent VAS warning: 'Slow Down Too Fast', is activated when an approaching vehicle is going faster than the advised speed limit. Any of the signs on the following pages can be manufactured with an additional flashing text message.

Available in A, B, C or custom sizes. See page 15 for details and sizes.

VAS WITH SECONDARY TEXT BOX



The signs shown on this page include an additional text warning as well as the graphic which displays the type of hazard ahead.

A choice of signage on the following pages can be produced with an additional text box as shown here.

ADVANCE WARNING SIGNS



VAS RANGE

The ATS VAS range can be manufactured as a static or portable VAS system and can be produced with the additional printed text box or with additional electronic LED messages.

The additional LED message versions are available to special order. Speak to our company representatives for further information.

The VAS range is also available in custom-made sizes.



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)





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

VAS RANGE



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-RAISPAV
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 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



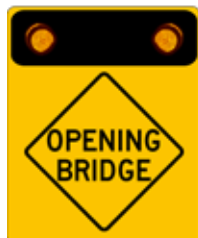
FERRY
W5-1
A/B/C



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



LOW LEVEL BRIDGE
W5-8
A/B/C



OPENING BRIDGE
W5-2
A/B/C



FLOODWAYS
W5-7-1
A/B/C



FLOODWAYS
W5-7-2
A/B/C

VAS 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 RANGE 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



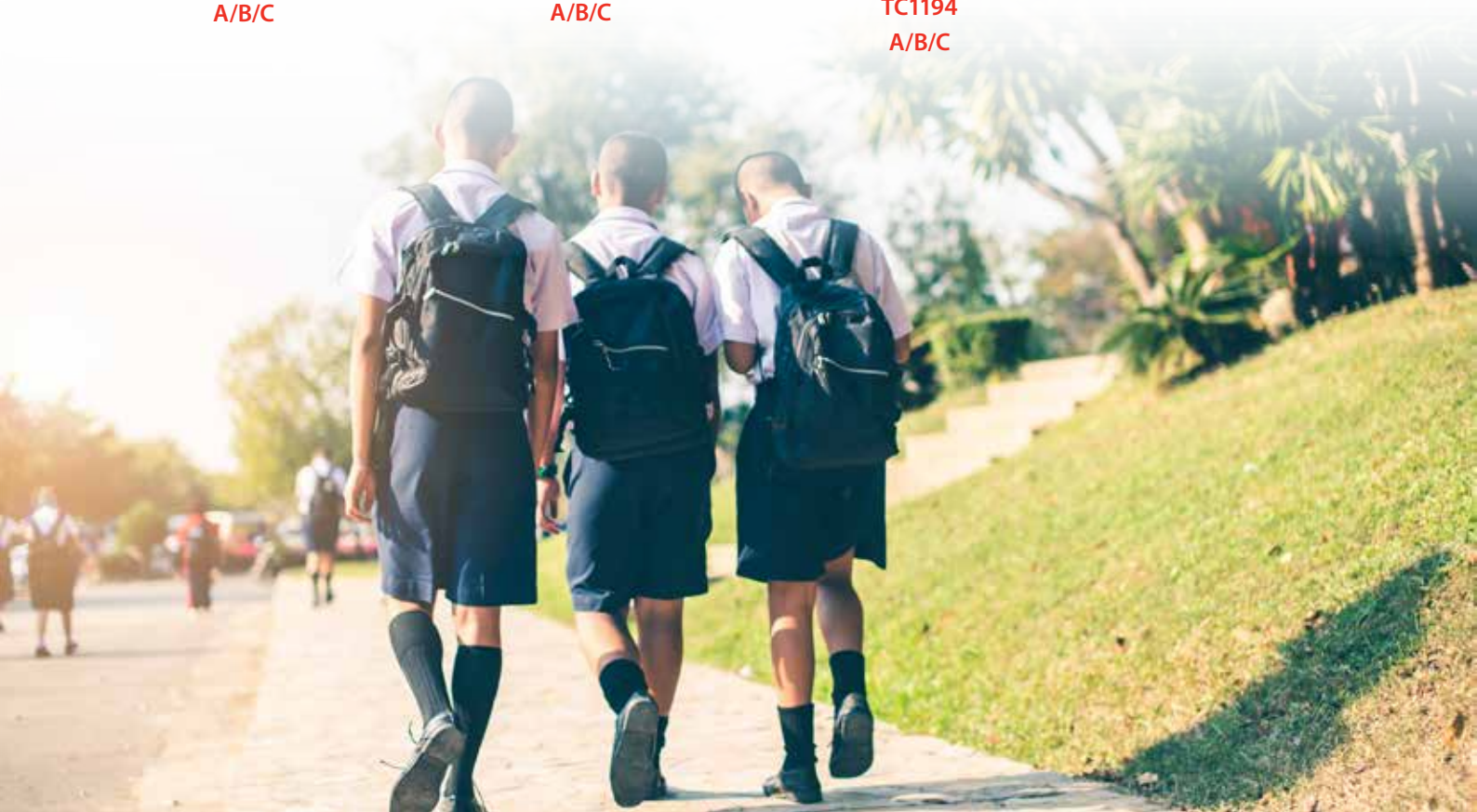
CHILDREN
TC1193
A/B/C



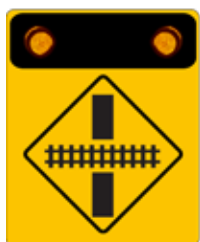
SCHOOL
TC1192
A/B/C



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



VAS 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



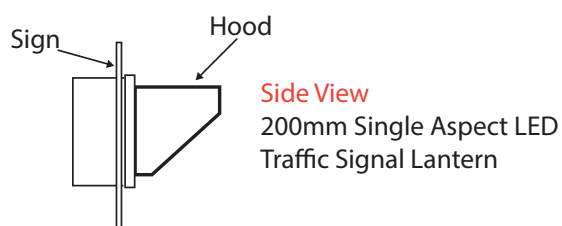
TRAIN
W7-7
A/B/C (L or R)



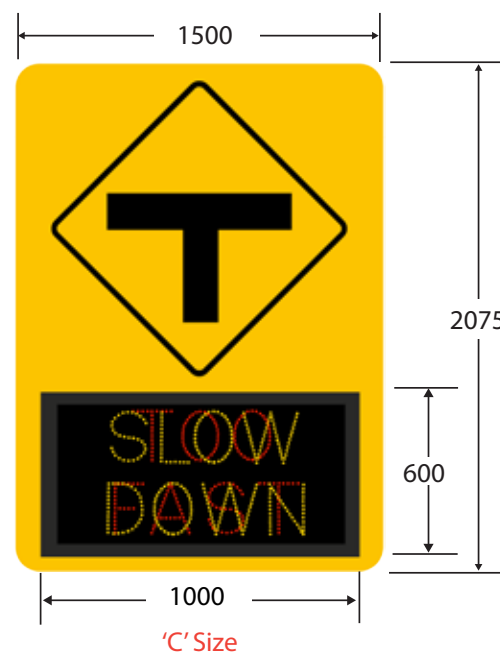
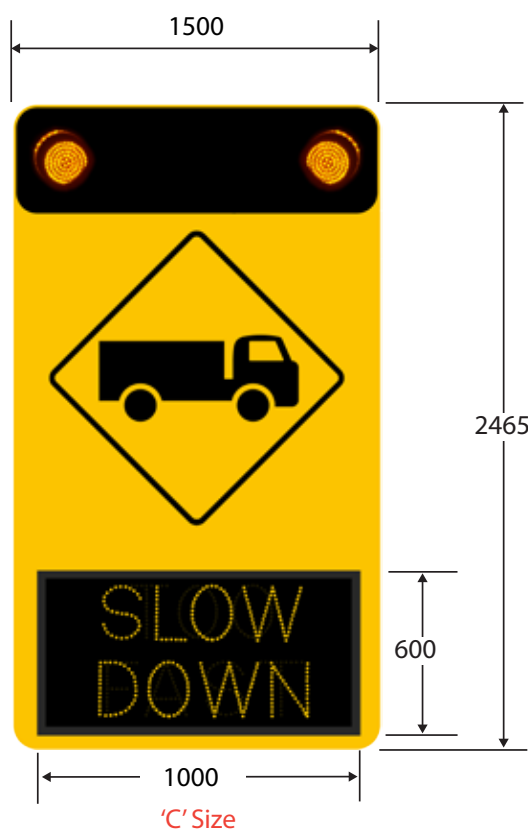
VAS ELECTRONIC MESSAGE SIZES & INFORMATION

VAS Electronic LED Features:

- Full dot matrix or discrete display
- High brightness white/amber LED display
- Approaching vehicle detection
- Alternate flashing amber lamps
- Communication protocol in accordance with RTA TSI-SP-003
- Time based schedule display function
- Sign dimensions: **A, B or C size**
- Sign message: **Variable**
- Designed in compliance with current Australian RTA standards



Vehicle Triggered
Alternate Flashing
Amber Lamps



VAS SIZES & INFORMATION

VAS Features:

- Approaching vehicle detection
- Alternate flashing amber lamps
- Communication protocol in accordance with RTA TSI-SP-003
- Sign dimensions: **A, B or C size**
- Designed in compliance with current Australian RTA standards



'C' Size



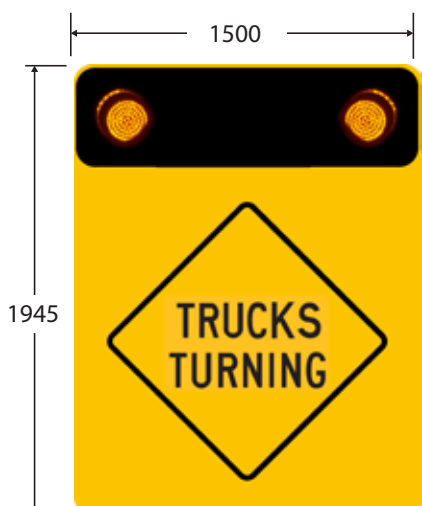
'C' Size



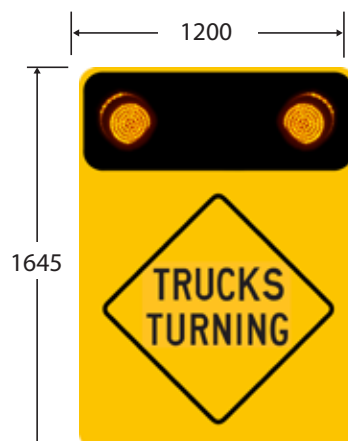
'B' Size



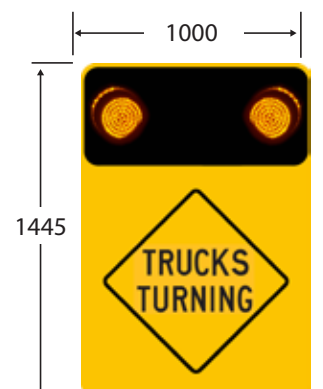
'A' Size



'C' Size



'B' Size



'A' Size

ALDRIDGE

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