


# Safety Barrier System Crashworthiness Assessment

## Signfix Sign Support

	<b>Issue Date:</b> 25 February 2022	<b>Supplier:</b> Delnorth Group
	<p><b>These conditions take precedence over any instructions in the Product Manual.</b></p> <p>These acceptance conditions should be read in conjunction with the Product Manual and Transport for NSW Specification R132 – Safety Barrier Systems and Austroads Guide to Road Design Part 6: Roadside Design, Safety and Barriers.</p> <p>Transport for NSW may withdraw or modify this acceptance at any time without notice. Users should refer to the Transport for NSW website to ensure they have the latest version of the conditions related to this product.</p> <p>Acceptance of this product does not place any obligation on Transport for NSW, or its contractors, to purchase or use the product.</p>	

Status	<b>Accepted</b> – may be used on the classified road network
Product accepted	Signfix Sign Support  <u>Variants</u> Family of Signage Poles including 76mm, 89mm, 102mm and 114mm Diameters  Variants that are NOT listed above are NOT recommended for acceptance.
Accepted speed	100 km/h

## Tested Outcomes

Containment Level	Tested Article Diameter (mm)	Tested Article Centre of Mass (m)	Test Configuration	Tested Foundation	Notes
MASH TL3	114	3.5	array	400mm dia x 1000mm depth 28 MPa concrete	
MASH TL3	76	1.5	array	400mm dia x 650mm depth 28 MPa concrete	
MASH TL3	76	1.5	Single	400mm dia x 650mm depth 28 MPa concrete	

## Design Guidance

Maximum support diameter (mm)	114
Minimum Centre of Mass of installation (m)	2.4
Minimum concrete foundation (per support)	400mm diameter x 650mm depth 28 MPa concrete
Single post installation	Permitted