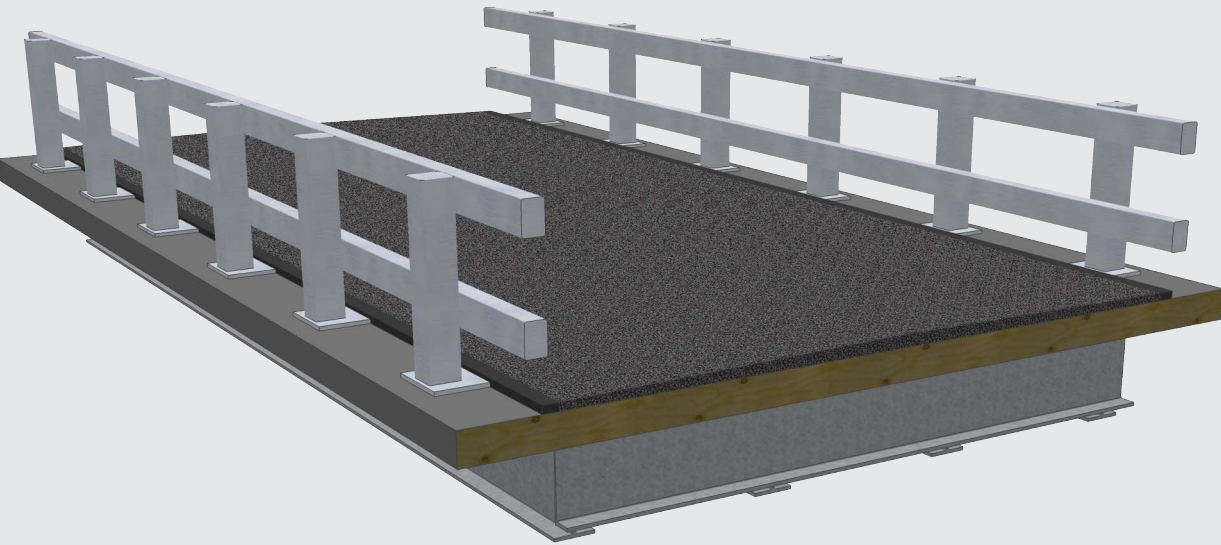


Vehicle Bridges

Category A,
T44, A160

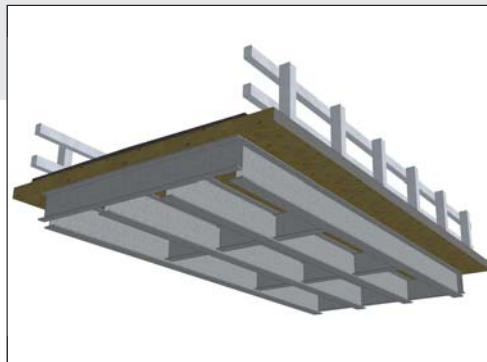


- Fully assembled (Single Lane Only)
- Multi-lane are assembled on site
- Detailed for Long Life
- Customised barriers available
- Range of load capacities available

Outdoor Structures Australia (OSA) has developed a range of high load capacity vehicle bridges for use on public and private roads. This bridge complements OSA's timber vehicle bridge that is normally used in residential developments servicing an individual block. By utilising galvanised steel girders and decking with Boral Bridgewood we ensure a long, low maintenance life.

What sets all OSA bridges apart are their very high attention to detail. Meticulous research and years of experience ensure that known issues with both steel and plywood are addressed at the design and construction phase. This bridge as illustrated is fitted with a Regular crash barrier for normal highway loading. Alternative barriers can be accommodated. Single lane vehicle bridges are supplied fully assembled and ready for installation, giving considerable savings in planning and construction times. You simply bolt it down and add the asphalt running surface between the already installed guides.

The single lane bridge is supplied with an overall width of 4.2 metres which gives a clear running surface of 3.4 metres. The bridge is supplied in length multiples of 1.2m (span is 0.6m less). Multiple lane bridges are supplied in kit form and at widths to suit your requirements.



OSA vehicle bridges can be designed to accommodate up to an A160 load but it is envisaged that many of these bridges will be sold as replacements for existing Category A (an old Queensland Main Roads' timber bridge standard) or T44 bridges. The lowest capacity would be a 5 tonne axle. Assistance is offered for the foundation design. Basic information on Hydraulics, Location, Site Survey and Geotechnical Investigation can be found in our Light Bridge Manual. This manual can be downloaded from our website.



**Outdoor Structures
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