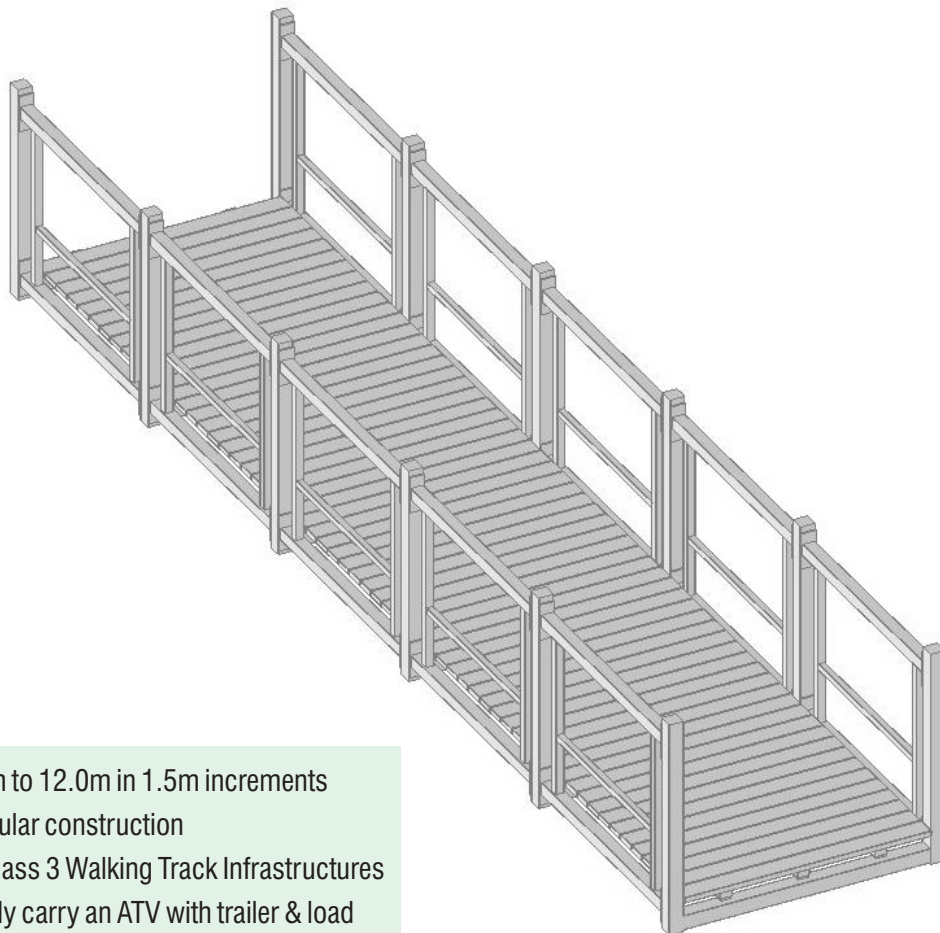


Segmented Bridges

Design & Copyright by James Pierce & Associates



- 3.0m to 12.0m in 1.5m increments
- Modular construction
- To Class 3 Walking Track Infrastructures
- Safely carry an ATV with trailer & load
- Clearance to flood/debris is maximised
- Different decking available
- Galvanizing inside & out
- Maximum component weight is 60 kg

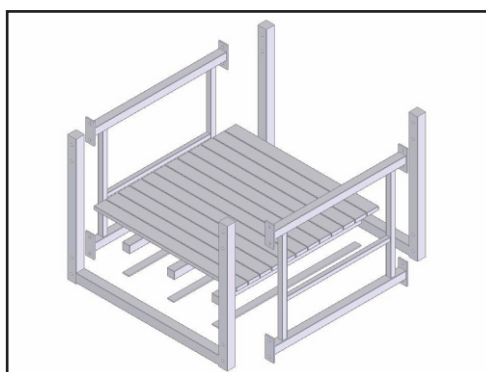
Some bridges on remote walking tracks simply cannot be delivered assembled. The segmented bridge was born from the need to develop a bridge capable of larger spans, for lighter loads than our timber demountable bridge with its limit of 6m span.

The handrails are class C barriers in terms of the Walking Track Infrastructure but to the height of a class B (but with no balustrading but with a rubbing rail). Balustrading (such as swimming pool fencing) can be added if required.

The bridge is designed for the practical loadings encountered on typical walking tracks and consequently does not meet the onerous requirements of the AustRoads Bridge Code.

It conforms to AS 2156.2 Walking Track Infrastructure Design.

The short length of the components allows the bridge to be carried to virtually any place people can walk. Access to site can be by barrow, ATV trailer, quad bike trailer, 4WD ute or helicopter. The largest bridge (max. 12m span) is less than 2.5 tonnes all up (1.3 tonne of steelwork; the rest comprising joists & deck).



Where multiple bridges are required the components for each successive bridge can safely be carried over the previous bridge by a quad bike and trailer.

There is a variety of abutment options to suit geology and the site. The precut, predrilled and oiled decking and joists eliminate disposal of offcuts and minimise use of construction equipment on site. The bridge is supplied with fully detailed instructions (IKEA flatpack principal used). As needs change the bridge can be dismantled and re-erected elsewhere.

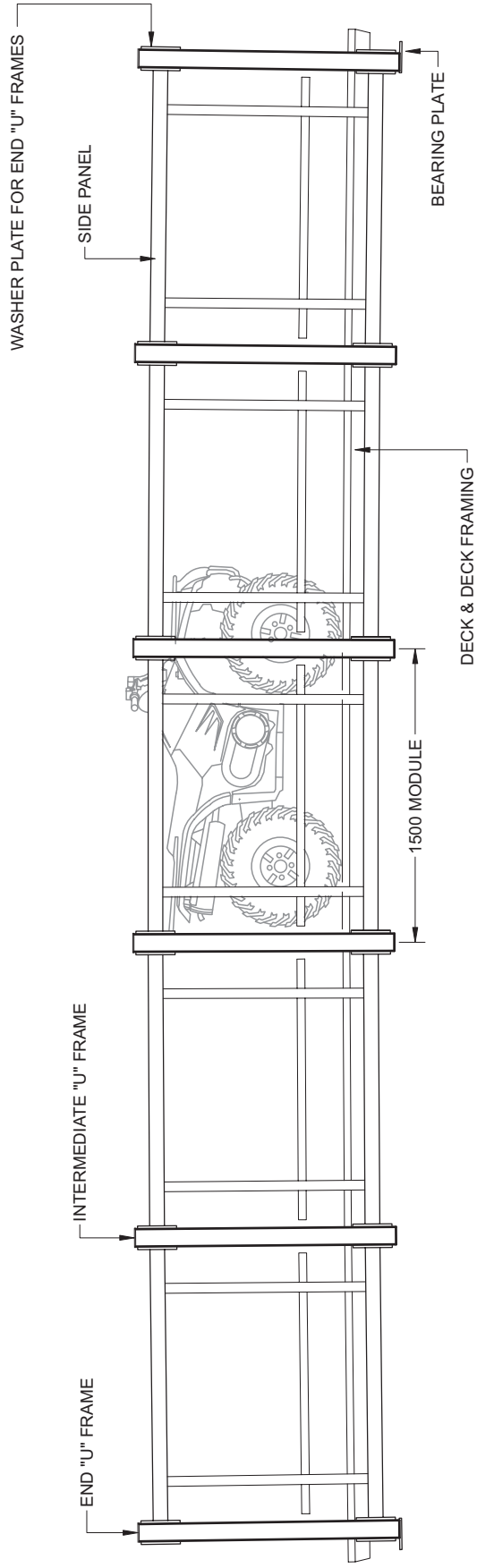


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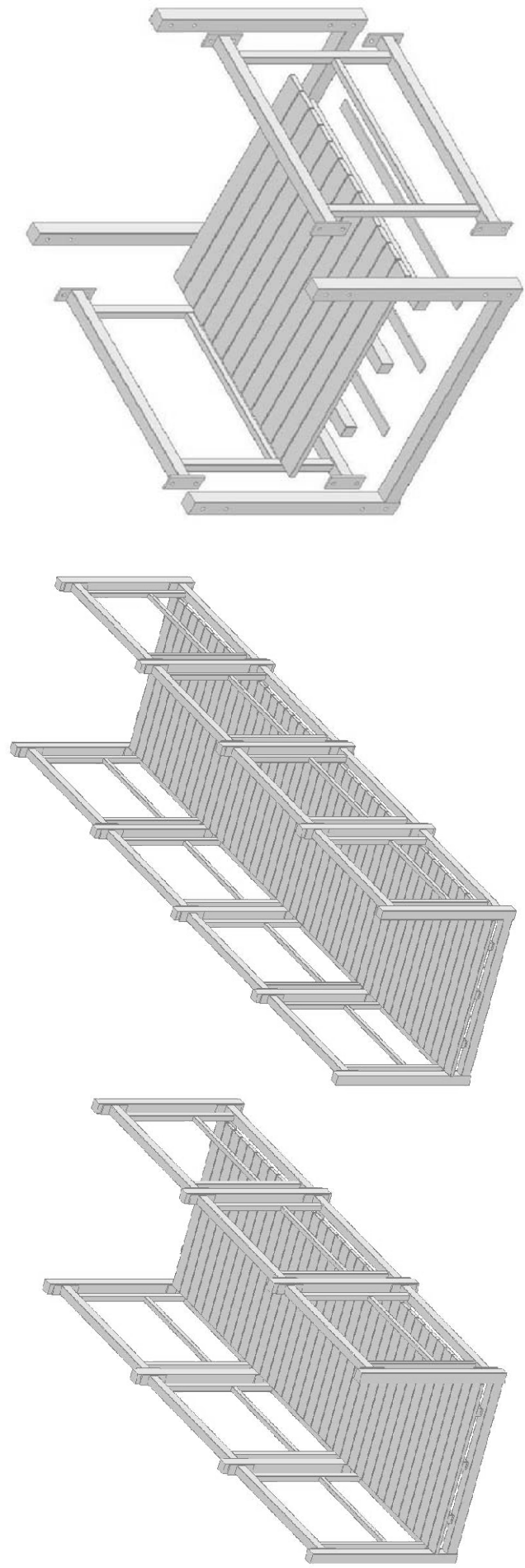
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7.5 M SPAN BRIDGE



**COMMERCIAL IN CONFIDENCE
PRELIMINARY
NOT FOR CONSTRUCTION**

