



HUDSON

CIVIL PRODUCTS

IRRIGATOR & PEDESTRIAN BRIDGES

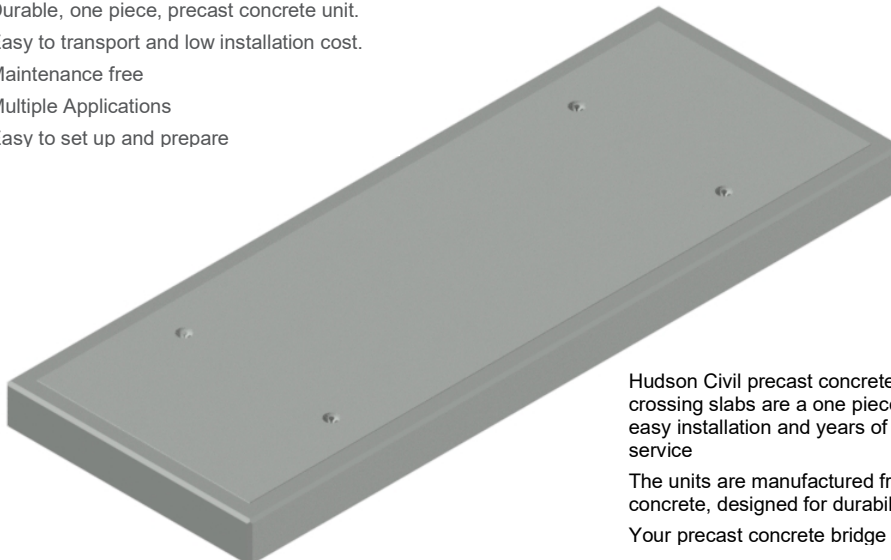
HUDSON CIVIL PRODUCTS – BRIDGE DECK SLABS

- Designed for use as irrigator bridges – specific load rated for typical pivot irrigators in Tasmania
- Also applicable for motorbike and pedestrian bridges on farms, parks, public spaces, reserves
- Simple installation and handling – limited site prep required
- Standard designs in 4m and 6m length (or custom if required)
- Creeks, drainage lines, wet area, crossings – cost effective and heavy duty



Product Attributes

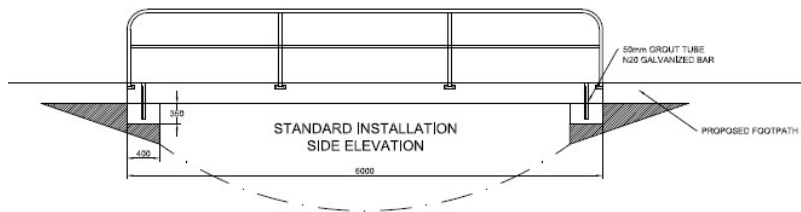
- Durable, one piece, precast concrete unit.
- Easy to transport and low installation cost.
- Maintenance free
- Multiple Applications
- Easy to set up and prepare



Hudson Civil precast concrete irrigator (wheel) crossing slabs are a one piece unit designed for easy installation and years of maintenance-free service

The units are manufactured from high strength concrete, designed for durability and longevity.

Your precast concrete bridge solution!

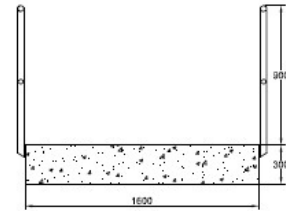


- Optional Handrails and kerbs available
- Multi-span units available if required
- Pier and Footing Block units available

Applications

Ideal for providing an unobstructed path for Irrigator wheels in undulating or rough ground conditions, as well as small creeks and streams.

Also suitable as a pedestrian or farm bike crossing bridge, with optional kerbs and/or handrails as required for this type of application.



Design

- Designed for Typical Irrigator Wheel Set (2 wheels), total load 4000kg
- Maximum wheel load 2000kg per wheel
- Wheel spacing 4500mm
- Place on well compacted ground with min. 100 kPa safe soil bearing capacity
- Minimum of 300 mm deck bearing depth required at each end (maximum clear span as below)
- Provision made for 2x Ø50 mm x spiral duct tubes for locating dowels to be driven through each end of the unit, with footing blocks as required

Product Key Details

- Length: 4000mm, 6000mm or Custom
- Clear Span: 3400mm, 5400mm or Custom
- Width: 1500 mm typically, or by request
- Thickness: 250 mm (4m) , 300mm (6m)
- Mass: 3.75 tonnes (4m), 6.75 tonnes (6m),



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