



Discover the exceptional advantages of **Humes Double T Concrete Bridges** for your rural vehicle crossings and single-lane vehicle crossings. Experience quick installation, unparalleled durability, high strength, and remarkable versatility, making them the top choice for farming applications.



Bridges

**Quality Designed to
50 Years Service Life**

Double T Concrete Bridges

APPLICATIONS

Single-lane Vehicle Crossings

Rural Vehicle Crossings

PRODUCT BENEFITS

Quick Installation

Durable and less maintenance

High strength – full 0.85 HN loading

Versatile

Double T Concrete Bridges



There's a reason **Humes Double T Concrete Bridges** are the first choice for farming applications.

Quick installation. Our full concrete beam access bridges are precast off site, which means they can be installed quickly and with minimal disruption to your business operations.

Durability. Use of pre-stressed 800mm deep concrete beams means greater durability with less maintenance costs. Humes double T concrete bridge has a design life of 50 years.

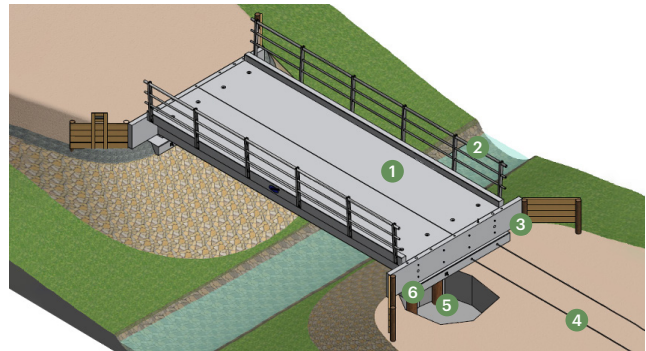
Strength. Humes Double T Concrete Bridges are designed to handle a full 0.85 HN loading, making them suitable for milk tankers, tractors and farm machinery with the following qualifications (or limitations):

- i. The traffic count is less than 100 vehicles per day (vpd)
- ii. The speed limits are generally below 70km/h
- iii. Used to access to properties - the road cannot become a through route
- iv. Use of the route by forestry logging trucks is unlikely, and
- v. No significant overloads are expected to occur or the structure can be bypassed.

Refer to Waka Kotahi NZTA Bridge Manual Appendix D for more information. Contact your local Humes team if the bridges are used for forestry applications.

Versatility. The standard Double T Concrete Bridge lengths range from 8 to 18 metres with 2m increments and feature built-in continuous kerbing on either side of carriageway to contain effluent and run off, as well as galvanised steel balustrades and pipe handrails.

Fig 1 – Double T Bridge installation detail



- 1 Humes Double T Bridge Beam (Refer to Table 1 for sizing) 2 off (pair) required.
- 2 Stanchions & Handrails pack refer to Table 2 for sizing. (supplied as a pair).
- 3 End slab 5200 x 800 x 150mm (**80091819**)
- 4 Abutment anchor rods GALV. Reid bar 20mm x 6m (**80076216**) For slab on ground installation.
- 5 Abutment slab can also be tied to piles (by others)
- 6 Abutment slab 4000 x 700 x 300mm (**80091818**)

Table 1 – Double T Bridge Beam/Deck

CODE	DESCRIPTION
80091809	Concrete Double Tee Bridge Deck 8m x 2m
80091810	Concrete Double Tee Bridge Deck 10m x 2m
80091812	Concrete Double Tee Bridge Deck 12m x 2m
80091814	Concrete Double Tee Bridge Deck 14m x 2m
80091816	Concrete Double Tee Bridge Deck 16m x 2m
80091817	Concrete Double Tee Bridge Deck 18m x 2m

Table 2 – Bridge Hand Rail Packs

CODE	DESCRIPTION
80090029	Concrete Bridge Rail Pack 8m 90 Deg Posts
80089996	Concrete Bridge Rail Pack 10m 90 Deg Posts
80089997	Concrete Bridge Rail Pack 12m 90 Deg Posts
80090013	Concrete Bridge Rail Pack 14m 90 Deg Posts
80090031	Concrete Bridge Rail Pack 16m 90 Deg Posts
80089660	Concrete Bridge Rail Pack 18m 90 Deg Posts

For further information or advice freephone 0800 502 112 or visit www.humes.co.nz

Buyers and users of the products described in this brochure must make their own assessment of the suitability and appropriateness of the products for their particular use and the conditions in which they will be used. All queries regarding product suitability, purpose or installation should be directed to the nearest Humes Sales Branch for service and assistance.