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# "Macintyre Foot Bridge"



Macintyre Bridge Over  
Barwon River

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## Location

Over Barwon River Belmont, Greater Geelong City

## Municipality

GREATER GEELONG CITY

## Level of significance

Incl in HO area contributory

## Heritage Overlay Numbers

HO1843

HO1906

## Heritage Listing

Greater Geelong City

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## Statement of Significance

Last updated on -

B Listed - Regional Significance

The Macintyre Foot Bridge over the Barwon River at Belmont is historically and scientifically significant at a REGIONAL level. It is associated with the further development of Geelong's sewage infrastructure and is one of the first concrete structures that relied upon the application of computer technology during its construction.

Overall, the Macintyre Foot Bridge over the Barwon River at Belmont is of REGIONAL significance. It is highly recommended that a Conservation Management Plan be carried out on the structure.

## REFERENCE

1. M. Lewis, 'Engineering Structures of Geelong', Council for the Historic Environment, Institution of Engineers, Engineering Heritage Branch, tour notes, 25 February, 1990, p.11.
2. J. Ferguson, 'Engineering Heritage Tour of Geelong', Engineering Heritage Committee tour notes, 13 September, 1995, p.3.

Heritage Study/Consultant	Greater Geelong - City of Greater Geelong Belmont Heritage Reports, Dr David Rowe, 2007;
Heritage Act Categories	Registered object,
Hermes Number	28714
Property Number	

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## Physical Description 1

### DESCRIPTION

This bridge over the Barwon River at Belmont consists of a continuous reinforced concrete girder of trapezoidal cross-section, forming two 55 metre side spans and a 82 metre centre span. Two vertical reinforced concrete stays are located at the centre of both pylons, to provide the necessary stiffness without haunches, which would interfere with both road clearance and floodway.<sup>1</sup> Tension cabling as additional supports and are pivoted about the stays. The concrete pipe underneath is a critical part of the girder, relying upon the PVC lining to resist chemical attack on the concrete.

The bridge is a significant urban focus from the banks of the Barwon River and from the northern section of Riverview Terrace.

*This place/object may be included in the Victorian Heritage Register pursuant to the Heritage Act 2017. Check the Victorian Heritage Database, selecting 'Heritage Victoria' as the place source.*

*For further details about Heritage Overlay places, contact the relevant local council or go to Planning Schemes Online <http://planningschemes.dpcd.vic.gov.au/>*