

---

# Newington Bridge over Sheepwash Creek, Old Glenorchy Road, GLENORCHY



GL 19 - Shire of Northern  
Grampians - Stage 2 Heritage  
Study, 2004

---

## Location

Old Glenorchy Road GLENORCHY, NORTHERN GRAMPIANS SHIRE

## Municipality

NORTHERN GRAMPIANS SHIRE

## Level of significance

Recommended for Heritage Overlay

## Heritage Listing

Northern Grampians Shire

---

## Statement of Significance

Last updated on - July 16, 2004

The Newington Bridge over Sheepwash Creek, Glenorchy, has significance as the largest concrete bridge in the Stawell area to be constructed using a "minimum energy/constant energy" design approach. Built in c.1960 to a design by the Shire Engineer, Norman Cottman, the technique had been developed by Prof. Gordon McKay of the University of Queensland.

The Newington Bridge over Sheepwash Creek, Glenorchy, is **historically** significant at a **LOCAL** level. It is associated with Norman Cottman, Shire Engineer, who designed it as the first reinforced concrete bridge in the Stawell area using the latest "minimum energy/constant energy" design approach. It has further associations with

Prof. Gordon McKay of the University of Queensland, who developed the design technique. McKay and Cottman combined to conduct a course covering the practical application of these innovative design principles.

The Newington Bridge over Sheepwash Creek, Glenorchy, is **scientifically** significant at a **LOCAL** level. It represents an innovative design approach in reinforced concrete, and the first use of the "minimum energy/constant energy" design technique in the Stawell area, allowing a small bridge structure to take anticipated flood flows.

Overall, the Newington Bridge over Sheepwash Creek, Glenorchy, is of **LOCAL** significance.

Heritage Study/Consultant	Northern Grampians - Shire of Northern Grampians - Stage 2 Heritage Study, Wendy Jacobs, Vicki Johnson, David Rowe, Phil Taylor, 2004;
Hermes Number	104888
Property Number	

---

## Physical Description 1

The Newington Bridge over Sheepwash Creek, Glenorchy, consists of a reinforced concrete slab supported by concrete piers. There is a deepened concrete lined channel that has enabled a more economical crossing with a single span bridge. The concrete channel lining is integrated with the bridge structure.

*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/>*