
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/>