

## ***Leigh River, Road Bridge, Mount Mercer***

Mount Mercer - Elaine Road, Meredith

Lot No. Plan No.

Municipal Rate No.

Architectural Style

Designer(s)

Contractor(s)



*National Estate Register, 2003.*

### **Legislative Registers**

Nominated

Registered

### **Other Registers**

Registered

Victorian Heritage Register No.

☐


National Estate RNE - Database

16059

Heritage Inventory No.

☐


RNE Legal Status

Registered

Precinct Heritage Overlay No.

☐


National Trust (Vic.) File

Precinct Heritage Overlay Nam

Nat. Trust Classification

☐

Individual Heritage Overlay No.

☐


## **Statement of Significance**

National Estate Register:

A reinforced concrete girder bridge, it was completed in 1911, with five continuous spans, each 11.7m. It is high (9.5m above the stream) and has large triangular fillets joining the girders to the slender framed piers. The construction is unusual and expresses the continuity that was a feature of the new material used in the bridge, reinforced concrete. It is one of Australia's first true reinforced concrete girder bridges. The oldest bridges with separate girder stems, designed as girders, are the Victor Harbour Railway Bridge in South Australia (1907), the Broken River Bridge at Benalla (1910), which has been extensively modified and the 1911 Mount Mercer and Laanecoorie Bridges.

## **Description**

National Estate Register:

The Bridge has a reinforced concrete slab integral with four T-section reinforced concrete girders, continuous over five spans of 11.7m. The bridge deck is at a maximum height of 9.5m above the stream. The slender reinforced concrete piers each consist of four separate rectangular reinforced concrete shafts interconnected by heavy diaphragms at two levels. The pier shafts are made continuous with the deck girders by prominent triangular fillets. A sharp triangular section cut-water is formed in the lower section of each pier. One abutment is of reinforced concrete; the other is of bluestone. The railings are of wire mesh.

Condition and Integrity:

# Golden Plains Shire Heritage Database DRAFT

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The bridge is in use and appears to be in good condition. It is in its original form.

## **History**

National Estate Register: Not Available.

## **Thematic Context**

## **Recommendations**

Local Government external paint controls apply.