
Boggy Creek Bridge



B6943 Boggy Creek Bridge



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Piers



B6943 Boggy Creek Bridge
1915

Location

NOWA NOWA VIC 3887 - Property No B6943

Municipality

EAST GIPPSLAND SHIRE

Level of significance

State

Heritage Listing

National Trust

Statement of Significance

Last updated on - April 15, 2005

What is significant? Boggy Creek Bridge is a unique and complex seventeen span curved single-track composite railway bridge, with solid-concrete piers, timber-trestle piers based on concrete to flood level, driven-timber-pile piers, wrought-iron plate girders, steel joists, and timber beams. The huge 60 feet (18.23 metres) long wrought-iron plate girders over the main channel were recycled from the North Eastern Railway.

Boggy Creek Bridge was built in 1916 as part of the Bairnsdale to Orbost extension to the main Gippsland Railway, and is situated in the middle of the township of Nowa Nowa, crossing a steep-sided and well-timbered creek-valley. This section of the line closed in 1987.

How is it significant? Boggy Creek Bridge is technically, historically and aesthetically significant at State level.

Why is it significant? Boggy Creek Bridge is technically significant as a unique and complex concrete-timber-wrought iron bridge, with a deck length of 63 metres. The huge 60 feet (18.23 metres) long wrought-iron plate girders over the main channel were recycled from the North Eastern Railway. Boggy Creek Bridge reflects many aspects and several eras of Victorian Railways technology.

The eleven timber-beam spans exhibit a great variety of timber-pier patterns, with some driven-pile piers and some true timber-trestle piers based on concrete sub-piers.

Boggy Creek Bridge is historically significant as part of the Bairnsdale to Orbost extension to the main Gippsland Railway. This extension was conceived as part of a major project to tap the trade of New South Wales settlements across the Victorian border, and to provide a second rail connection between Melbourne and Sydney via Bombala. It was also intended to serve agricultural and timber settlements in East Gippsland.

Boggy Creek Bridge is aesthetically significant because its diverse structural elements and setting in a picturesque and steep-sided creek valley, combine to make a great visual impact. Visually, the Boggy Creek Bridge provides a remarkable contrast in style to other large timber railway bridges nearby, at Stony Creek and Wairewa.

Classified: 15/09/1998

Hermes Number 67883

Property Number

Physical Description 1

Description:

The Boggy Creek Bridge is a unique and complex 17 span structure that utilizes solid-concrete piers, true timber-trestle piers based on concrete, driven-timber-pile piers, wrought-iron plate girders, steel joists, timber beams, and a 63 metre timber deck.. The huge 60 feet (18.23 metres) long wrought-iron plate girders over the main channel were recycled from the North Eastern Railway. The eleven timber-beam spans exhibit a great variety of timber-pier patterns, with some driven-pile piers and some true timber-trestle piers based on concrete sub-piers. The attractive curving deck is of conventional transverse-timber construction.

The result is a tall and impressive railway bridge reflecting various aspects and eras of Victorian Railways technology.

Boggy Creek Bridge, Nowa Nowa is in poor condition, with a deteriorating deck, and is fenced off.

Context

Boggy Creek Bridge, Nowa Nowa is situated in the middle of the township of Nowa Nowa, and crosses a steep-sided and well-timbered creek-valley.

Assessment against Criteria

Importance to the course, or pattern, of Victoria's cultural history.

Boggy Creek Bridge, Nowa Nowa is part of the Bairnsdale to Orbost extension to the main Gippsland Railway. This extension was conceived as part of a major project to tap the trade of New South Wales settlements across the Victorian border, and to provide a second rail connection between Melbourne and Sydney via Bombala. It was also intended to serve agricultural and timber settlements in East Gippsland.

Possession of uncommon, rare or endangered aspects of Victoria's cultural history

Boggy Creek Bridge, Nowa Nowa is set apart from any other bridge in Victoria by the diversity of its technical features, and of materials used. The Boggy Creek Bridge is combines elements characteristic of various eras of Victorian Railways design.

Potential to yield information that will contribute to an understanding of Victoria's cultural history Importance in demonstrating the principal characteristics of a class of cultural places or objects Importance in exhibiting particular aesthetic characteristics

Boggy Creek Bridge's diverse structural elements and its setting in a picturesque and steep-sided creek valley, combine to make a great visual impact. Visually, the Boggy Creek Bridge provides a remarkable contrast in style to other striking timber railway bridges nearby, including the spectacular Stony Creek timber-trestle bridge in the Colquhoun forest, and the Wairewa timber trestle bridge. The Easy Gippsland Rail Trail bypasses Boggy Creek Bridge.

Importance in demonstrating a high degree of creative or technical achievement at a particular period

The Boggy Creek gorge at this crossing point represented a difficult engineering challenge, with its fast-flowing stream that carried much timber debris with a velocity that endangered bridge piers. The design solution was a unique and complex concrete-timber-wrought iron bridge, with a deck length of 63 metres. The huge 60 feet (18.23 metres) long wrought-iron plate girders over the main channel were recycled from the North Eastern Railway.

The eleven timber-beam spans exhibit a great variety of timber-pier patterns, with some driven-pile piers and some true timber-trestle piers based on concrete sub-piers.

Boggy Creek Bridge, Nowa Nowa reflects many aspects and several eras of Victorian Railways technology.

Usage/Former Usage

rail bridge, no longer in use

Physical Conditions

in poor condition, deteriorating, not maintained

Intactness

good

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/>