

TOOLEYBUC BRIDGE



Tooleybuc Bridge_Piangil_Feb
2008_mz_West Elevation



Tooleybuc Bridge_Piangil_Feb
2008_mz_Central Lift Span



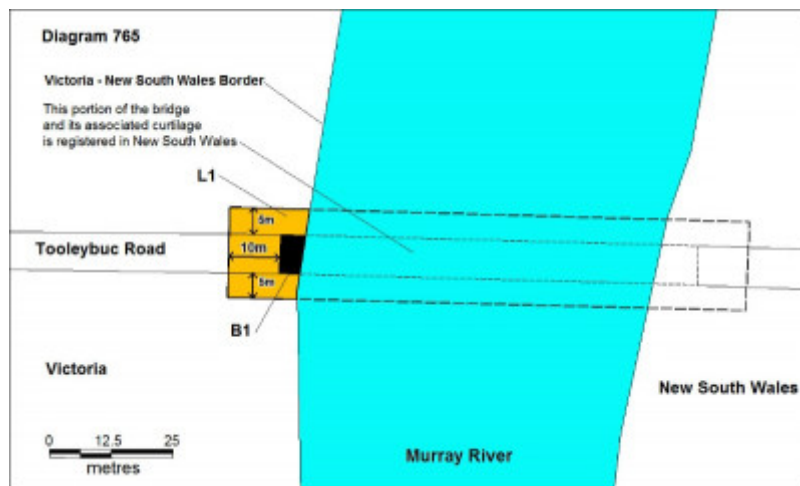
Tooleybuc Bridge_Piangil_Feb
2008_mz_Victorian Approach Spans



Tooleybuc Bridge_Piangil_Feb
2008_mz_Victorian Approach



Tooleybuc Bridge_Piangil_Feb
2008_mz_Winch Detail



Tooleybuc Bridge_Piangil_March 2008_mz_Plan

Location

TOOLEYBUC ROAD PIANGIL, Swan Hill Rural City

Municipality

SWAN HILL RURAL CITY

Level of significance

Registered

Victorian Heritage Register (VHR) Number

H0765

Heritage Overlay Numbers

HO215

VHR Registration

July 10, 2008

Heritage Listing

Victorian Heritage Register

Statement of Significance

Last updated on -

What is Significant?

Built in 1925, the Tooleybuc Bridge is a timber truss and steel lift-span bridge over the Murray River at Tooleybuc in New South Wales, near Piangil in Victoria. The bridge comprises of a timber bridge deck supported by two 21.8 metre long Allan truss spans each side of a 17.8m steel lift-span bridge. The piers to the centre lift-span are concrete with oval diaphragms giving an appearance similar to the cast iron piers used under older lift-span bridges such as the Swan Hill and Barham Koondrook Bridges. The piers are set into sheet pile cofferdams filled with concrete

The main section of the bridge is approached from the Victorian bank by three approach spans built of round timber girders supported by round timber trestles. There are five girders to each span supported on timber corbels.

The lift span superstructure is of riveted lattice steel, including the main support girders. The lift span has been converted recently to allow hydraulic operation. The deck is 8.5m above flood level. The lift-span was designed to be hand operated by one man operating a single winch. The winch sets the counterweights of lead filled steel boxes located on each tower in motion to assist the raising and lowering of the bridge deck.

Tooleybuc in New South Wales lies on the extreme western fringe of the saltbush plain, a semi-arid or arid area created by sediments from the Murray-Darling flood waters. The saltbush provided useful fodder and the Murray frontage in this area was largely taken up by 1847.

Tooleybuc was on the Puon Buon run, part of the 1840s pastoral empire of Ben Boyd, the whaling entrepreneur of Twofold Bay in New South Wales. In the 1860s the Trust and Agency Co. ran 32000 sheep on the property and in the late nineteenth century J Lawrence held the property and ran 50000 sheep. The high stocking was encouraged by the almost permanent lakes on Puon Buon. Development of the township of Tooleybuc was assisted by the sub-division of the huge station just before the First World War. The Tooleybuc area subsequently became the focus of intensive agriculture, with fruit-growing the principal crop.

Easy communication across the Murray River for access to Victorian markets was fundamental to the viability of the grazing and agricultural concerns on the southern New South Wales Riverina. A privately-owned punt was in

operation by the 1870s, near the riverside hotel, the Tooley Buc, but it was not until 1925 that the present lift-span bridge was erected by the Department of Public Works in response to pressure from fruit-growers on the New South Side of the River. The bridge was located just upstream from the old punt and was the last lift span bridge designed by Percy Allan.

There are only two surviving Murray River bridges with Allan truss spans are Swan Hill and Tooleybuc. Swan Hill Bridge was the first of its type to be constructed anywhere, and the Tooleybuc Bridge was the last. Both Bridges were built with Allan trusses in conjunction with Percy Allan designed steel lift-span bridges.

How is it Significant?

The Tooleybuc Bridge is of historical and technical (scientific) significance to the State of Victoria.

Why is it Significant?

The Tooleybuc Bridge is of technical (scientific) significance for its sophisticated design and construction. The Tooleybuc Bridge was the last of a series of bridges over the Murray River that incorporated central lift spans with innovative truss spans.

The Tooleybuc Bridge is of historical significance for its associations with New South Wales Public Works Department engineer, Percy Allan, who influenced bridge design throughout Australia.

The Tooleybuc Bridge is of historical significance for its role in facilitating interstate trade between New South Wales and Victoria.

Permit Exemptions

General Conditions: 1. All exempted alterations are to be planned and carried out in a manner which prevents damage to the fabric of the registered place or object.

General Conditions: 2. Should it become apparent during further inspection or the carrying out of works that original or previously hidden or inaccessible details of the place or object are revealed which relate to the significance of the place or object, then the exemption covering such works shall cease and Heritage Victoria shall be notified as soon as possible. Note: All archaeological places have the potential to contain significant sub-surface artefacts and other remains. In most cases it will be necessary to obtain approval from the Executive Director, Heritage Victoria before the undertaking any works that have a significant sub-surface component.

General Conditions: 3. If there is a conservation policy and plan endorsed by the Executive Director, Heritage Victoria, all works shall be in accordance with it. Note: The existence of a Conservation Management Plan or a Heritage Action Plan endorsed by the Executive Director, Heritage Victoria provides guidance for the management of the heritage values associated with the site. It may not be necessary to obtain a heritage permit for certain works specified in the management plan.

General Conditions: 4. Nothing in this determination prevents the Executive Director, Heritage Victoria from amending or rescinding all or any of the permit exemptions.

General Conditions: 5. Nothing in this determination exempts owners or their agents from the responsibility to seek relevant planning or building permits from the responsible authorities where applicable.

Standard Exemptions: As per 'Standard Exemptions for Works Requiring Heritage Council Approval', Heritage Branch, New South Wales Department of Planning as approved the New South Wales Minister of Planning, 25 March 2006.

Construction dates 1925,

Heritage Act Categories Registered place,

Hermes Number 34558

Property Number

History

Tooleybuc in New South Wales lies on the extreme west fringe of the saltbush plain, a semi-arid or arid area created by sediments from the Murray-Darling flood waters. The saltbush provided useful fodder and the Murray frontage in this area was largely taken up by 1847.

Tooleybuc was on the Puon Buon run, part of the 1840s pastoral empire of Ben Boyd, the whaling entrepreneur of Twofold Bay in New South Wales. In the 1850s Puon Buon run was owned by William Degraes and then Christopher Bagot: in the 1860s the Trust and Agency Co. ran 32000 sheep there and in the late nineteenth century J Lawrence held the property and ran 50000 sheep. The high stocking was encouraged by the almost permanent lakes on Puon Buon. Development of the township of Tooleybuc was assisted by the sub-division of the huge station just before the First World War. The Tooleybuc area subsequently became the focus of intensive agriculture, with fruit-growing the principal crop.

The river steamers were fundamental to the wool-trade in the nineteenth century; so was easy communication across the river. A punt was in operation by the 1870s, with a riverside hotel (the Tooley Buc) on the New South Wales side. Finally in 1925, in response to pressure from fruit-growers, the present lift-span bridge was erected by the Department of Public Works, just upstream from the old privately-owned punt. The bridge was designed by Percy Allan, and was his final lift span bridge.

There are only two surviving Murray River bridges with Allan truss spans are Swan Hill and Tooleybuc. Swan Hill was the first of its type to be constructed anywhere, and Tooleybuc the last. Both Bridges were built with Allan trusses in conjunction with Percy Allan designed steel lift-span bridges.

Plaque Citation

Built in 1925 and designed by engineer Percy Allen, this is a timber truss and steel lift-span bridge. The lift-span is counterweighted and was designed to be hand operated by one man.

Extent of Registration

1. The part of the place known as the Tooleybuc Bridge over the Murray River at Piangil located in Victoria, including the bridge and its support structure, the abutments, the roads and embankments marked (B1) on Diagram 765 held by the Executive Director.
2. All of the land marked L1 on Diagram 765 held by the Executive Director.

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/>