

Brig O'Johnston Bridge



Presentation



- Background
- Rehabilitation work
- Planning activities
- Community and stakeholder consultation
- Next steps.

Background



- Built in 1880
- Assessed as high State heritage significance
- Oldest surviving timber truss bridge in NSW
- A representative and rare example of an Old Public Works Department (PWD) timber truss bridge.

Background



- Identified for conservation in the Roads and Maritime *Timber Truss Bridge Conservation Strategy*, developed in consultation with the Heritage Council of NSW
- Part of the NSW Government Bridges for the Bush program.

Rehabilitation is required to:

- Strengthen the bridge to meet current vehicle loads and heavy vehicle requirements
- Help reduce future maintenance costs.

The proposal involves replacing and strengthening the bridge structure including the bridge piers, abutments, approach spans, deck, timber trusses and road approaches.

Rehabilitation work



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View of the timber trusses, members under the bridge and the cast iron piers

Rehabilitation work



Transport
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Services



View of the bridge deck and bailey bridge structure



View of the current abutment

Heritage requirements



- Retaining key elements of high heritage significance
- Upgrading the bridge to keep it in use for the future.

Structural requirements



- Increase the capacity of the bridge to safely carry semi-trailer loads of 42.5 tonnes
- Strengthen the bridge to enable operational service without load limit
- Increase under capacity timber elements by replacing with timber and using steel at critical locations to strengthen the structure.

Planning activities



- While the details are still being worked through, it's likely that some of the work cannot be completed without closing the bridge
- Roads and Maritime is investigating different options to carry out the work with minimum impact to motorists and the community
- No final decisions have been made on timing of the work or extent of bridge closures required
- The work is expected to take around two years to complete.

Community consultation



- Roads and Maritime will work with the community to understand issues concerning work impacts and bridge closures
- The proposed delivery schedule and bridge closures will be presented for feedback as investigations progress
- Feedback received will be considered to plan the work schedule and bridge closures.

Next steps



- Complete design work in consultation with the Office of Environment and Heritage
- Complete investigations into delivery options
- Community consultation on delivery options and bridge closures
- Complete review of environmental factors and display for community comment.

Pending approval from Heritage Council of NSW to proceed, work is expected to start in 2015.

A drop-in information session will be hosted by
Roads and Maritime on:

Saturday 25 October 2014

9am to 1pm

Clarence Town School of Arts

Roads and Maritime staff will be available to talk to
about the project.

Project contact



Transport
Roads & Maritime
Services

David MacGregor, Project Manager

Phone: (02) 4924 0643

Email: David.MacGregor@rms.nsw.gov.au

Mail: David MacGregor

Roads and Maritime Services

PO Box 2030, NEWCASTLE NSW 2300

Visit: www.rms.nsw.gov.au