

South Arm Bridge

Inspection, Design, & Retrofit



Client:
Byron Shire Council

Contact:
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Total Project Cost:
\$1,885,812.00

Start & Completion Dates:
07/13/2020 (inspection)
08/24/2020 - 09/03/2020 (repairs)

The South Arm Bridge is located in New South Wales, AU. The old timber bridge has been an iconic symbol of the town since it symbolized the progress of the town of Byron Shire from a logging, shipping port to a popular tourist destination. This two lane, 7 span bridge was built in 1958-1959.

With a community heavily invested in environmental issues it made perfect sense to restore and upgrade the bridge back to its former glory. Using data gathered by our inspection team, Wood Research and Development put together a design plan to upgrade the existing bridge from 10 tonne to 44 tonne, recycling the existing timbers where ever possible. The existing piles were restored, and a new superstructure was installed.

Key Personnel

Patrick Bigg, Davide Maggiolo,
Stephen Richards

Chad Philpott, Bill Thibault,
Stephen Melvin, Jim Wood,
Jack Haydon

Dan Tingley, Clay Hoger,
Andrew La Spina, Madison Bower

Andrew Noble, Lynn Foucault

Project Responsibilities

- Project Managers
- Construction & Installation
- Design Engineers and Inspection team
- CAD Technologist Team