

BARRINGTON BRIDGE DEMOLITION

CLIENT:	TfNSW
LOCATION:	Gloucester
VALUE:	\$17 million
DISCIPLINE:	Bridge
PERIOD:	2020-2021



The Bridge over Barrington River at Barrington, NSW is on the Thunderbolts Way and was built in 1918.

Barrington Bridge is a two span Allan timber truss bridge with timber girder approach spans that is subjected to heavy use by logging trucks. The bridge is listed on the LEP as a heritage item of local significance and was ranked 50th in the timber bridge heritage study completed by MBK in 1998.

The Barrington Bridge Demolition project, managed by MLEI Bridge Pty Ltd (MLEI) for Transport for NSW, was successfully completed in 2020 in NSW. This project demonstrated MLEI's capability to manage complex demolition projects while maintaining heritage considerations and safety standards.



MLEI ROLE

- Optioneering advice
- Staging advice
- Preparation of 3-dimensional SPACE GASS model
- Temporary works design
 - First node propping as proposed lifting points
 - Top chord bracing
 - Packing out timbers
 - Assess feasibility of cutting and separation of cast iron shoes
 - Propping of piers/truss spans
- Demolition design report
- Onsite support

CLIENT REFEREE

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