

BUNDARBO BRIDGE LOAD 4 TESTING AND REPLACEMENT

CLIENT: Hilltops Council
LOCATION: Jugiong
VALUE: \$10 million
DISCIPLINE: Bridge / roads
PERIOD: 2020-2022



The project comprised a new bridge across the Murrumbidgee River which will be built approximately nine meters downstream from the existing bridge on Bundarbo Road, Jugiong.

The new bridge is 8.7 metres wide and 105 metres long and will be a dual carriage bridge.

Once the new bridge and road approaches have been completed the old bridge will be closed to traffic and demolished.

This project was co-funded by the Australian Government, under the Heavy Vehicle Safety and Productivity Program and Bridges Renewal Program, and Hilltops Council.

MLEI ROLE

- Structural assessment
 - Condition assessment and reporting
 - Level 4 load testing
 - Load rating
 - Finite element (FE) analysis in ANSYS
- Bridge design
 - Concept replacement design
 - Detailed design
- Bridge rehabilitation
- Construction support
- Independent verification



CLIENT REFEREE

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