



Australian Government

BUILDING OUR FUTURE

March 2018

Bridge girder installation on the new bridge over the Richmond River at Broadwater from late March

The Australian and NSW governments are jointly funding the \$4.36 billion Woolgoolga to Ballina Pacific Highway upgrade. Roads and Maritime Services' Pacific Highway Project Office, Pacific Complete and its contractor partners are working together to deliver the project.

The Woolgoolga to Ballina project team is building 170 bridges along the 155-kilometre upgrade. This includes a new bridge over the Richmond River about one kilometre north of Broadwater.

Work is progressing well on the bridge. Since October, precast concrete components including concrete beams (bridge girders) have been arriving from Macksville, with more than 40 bridge girders being stored on site. In January, the project completed land based piling to make piers and during February, marine piling work started in the Richmond River.

From late March the project team will begin to place girders on top of the bridge headstocks, weather permitting. This work will involve putting one girder at a time onto the bridge headstocks using a specialised side lifting truss. At times a side-lifting truss can be used instead of a crane to facilitate the controlled installation of the girder and enable continuous production of the bridge from land to water.

Within a couple of months, the project team plans to install nine girders over the Pacific Highway. For the safety of motorists this work will be completed at night. More information about this will be provided closer to the time of the work.

What is a bridge girder?

A bridge girder is a large concrete beam used to span from pier to pier in constructing the bridge deck. 234 girders will be used to build the new bridge and each one is about 1.8 metres deep, 2.5 metres wide and 38 metres long.



Side lifting truss



Bridge girder

Changes to traffic

For the safety of road users there will be changes in the speed limit north of Broadwater. Heavy and over size vehicles delivering the girders will continue to arrive via the Pacific Highway for the southern abutment. Additional vehicle movements will also occur on Back Channel Road near Wardell for the northern abutment.

We encourage road users to allow additional time as part of planning travel through the area. Please drive carefully, follow signs and obey the direction of traffic controllers.

For the latest traffic updates call 132 701, visit livetraffic.com or download the Live Traffic NSW App.

Impacts on river users

For the safety of river users and our team during work to construct the bridge, some restrictions will apply including:

- Speed restrictions near the construction area
- The partial closure of the river with a navigable channel maintained at all times
- Exclusion zones around the temporary jetties, barges and constructed piers at various times throughout the project.

Marine operators are advised to use care navigating near the work and reduce speed to four knots when within 100m of the work area.

Work hours

Typically work will be carried out during the project's approved construction hours, which are:

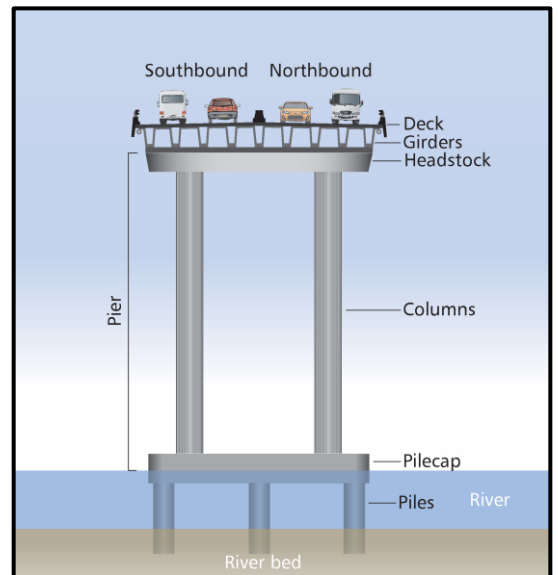
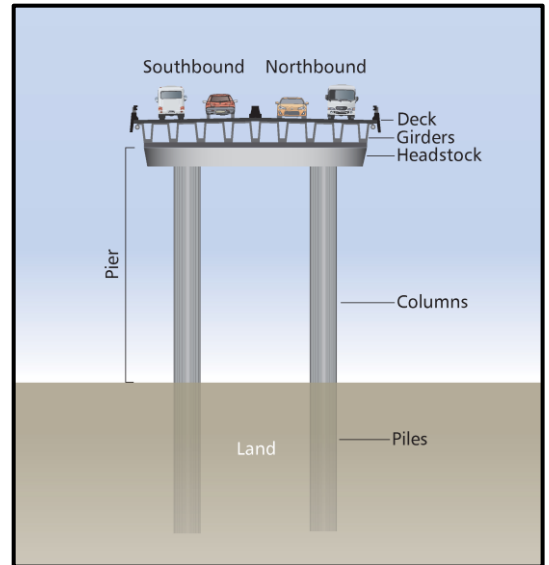


7am – 6pm Monday – Friday
8am – 5pm Saturdays

For more information

If you have any questions, please contact the Woolgoolga to Ballina project toll free line on 1800 778 900 dial 1, W2B@pacificcomplete.com.au or visit the project website rms.nsw.gov.au/W2B.

We apologise for any inconvenience and thank you for your patience during this important work.



If you need help understanding this information, please contact the Translating and Interpreting Service on 131 450 and ask them to call us on 1800 778 900.