

New Grafton Bridge

Project update



Artist impression of the new Grafton Bridge looking from south to north

The new Grafton Bridge will transform the entry to the riverside city and change the way motorists, pedestrians and cyclists move around. This update outlines progress being made on the \$240 million NSW Government project and upcoming work.

Bridge work

Progress on the new bridge will become more visible in the coming months as segments connecting the bridge piers continue to be lifted into place.

The pairs of concrete segments will connect the bridge together and are currently being added to pier three, which is the second pier in the water off the southern bank.

The bridge building method is called balanced cantilevering and is a widely used building method.

The 176 pre-cast segments, which weigh between 60 and 70 tonnes each, are being built locally in the Through Street facility and then moved the short distance to the new bridge.

Once complete, 13 segments will arch across each side of the piers to meet in the middle.

The segment installation is currently moving from the southern side of the river to the north, with up to two segments lifted into place daily by a crane operating from a barge on the river.

When segments are lifted into place they are checked to make sure they line up with the adjoining segment. An epoxy resin, like super strength glue, is painted on the segment.

The segment is moved into its permanent position. It's temporarily held in place by large steel bars while the resin gains strength and before the segments being permanently secured.

Once four segments are in place, two either side of the pier, steel cables are threaded through the segments and pulled tight to lock them together. More than 200 kilometres of high strength steel cable will be used to lock all 176 segments together.

This process is expected to take seven months to complete, weather permitting, after which the temporary jetty on the southern bank of the Clarence River will be dismantled.

Pound Street rail bridge

Piling for the Pound Street rail bridge was completed in September last year. The new steel rail bridge is currently being built in Sydney.

The 42 metre long bridge will be transported to site where its final assembly will take place.

Planning for the complex logistics of this move are under way and once the route has been confirmed we will let the community know.

The demolition of the existing concrete rail bridge and installation of the new one must occur over three days on the long weekend in June 2019. This tight timeframe is because railway operations are only stopped at specific times throughout the year. It will be a busy June long weekend for the project team and planning is well under way. The community, in particular residents near the rail bridge, will be provided with more information closer to the date.



Super-T girders installed at southern abutment, South Grafton (November 2018)

Local traffic changes

South Grafton

The new roundabout at the intersection of Through and Iolanthe streets opened to traffic in late December. When the project is complete this roundabout will be part of the highway and form the link between the highway and the new Grafton Bridge.

The new access road linking Iolanthe Street with the Pacific Highway is now open. Motorists can use the roundabout to access the Pacific Highway when heading north from Grafton or to access Grafton from the highway when heading south. The map below shows the new route.

Iolanthe and Spring streets business precinct can be accessed via the new intersection with the Pacific Highway.

Work upgrading Iolanthe Street and a section of Spring Street between Iolanthe Street and the rail viaduct has begun. Iolanthe Street will remain two-way during construction but on-street parking will not be available until widening of the road to four lanes is complete in late 2019.

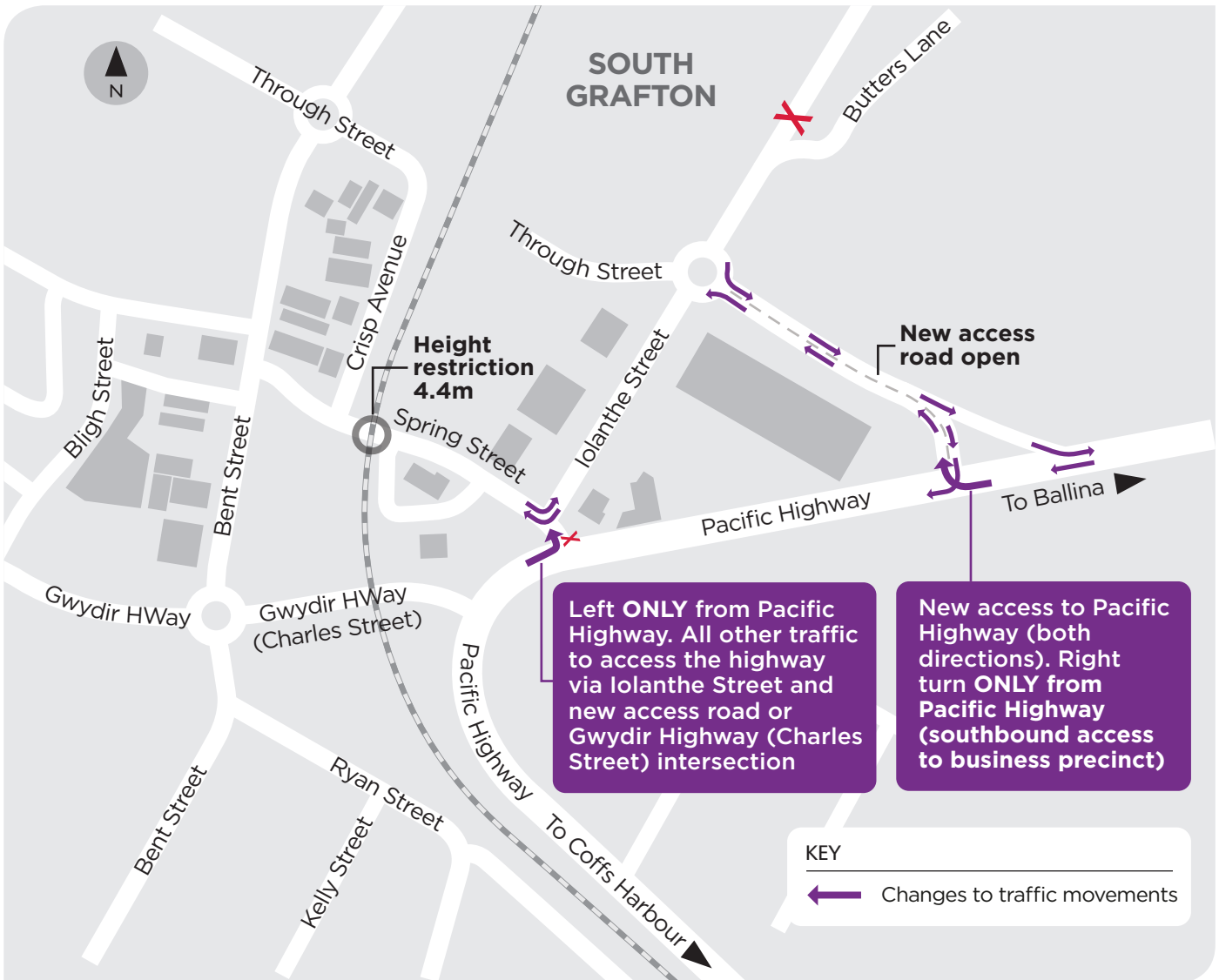
Grafton

Work to widen Clarence Street was completed early this year. This work is the first indication of how Grafton will look once the project is completed.

On Pound Street, work is continuing on the new road surface and footpaths. This part of the upgrade is expected to be fully completed by April 2019.

Villiers Street roundabout is also being upgraded as part of the project. Parts of the existing concrete roundabout will be replaced with new concrete giving the roundabout a longer life span.

Traffic movements following the opening of the new access road to the Pacific Highway



Community information session

Members of the project team will be available to discuss the project at Grafton Shopping World on **7 February 2019 from 12 noon to 3pm**. You will have the opportunity to get an update on construction activities and ask any questions about the progress of the bridge.

Upcoming activities

Key construction activities planned for the next three months include:

- complete pier construction
- continue manufacture and placement of bridge segments
- complete utilities and services relocation
- continue the upgrade of Pound Street
- start the upgrade of Iolanthe and Spring streets
- continue construction of the southern and northern approaches
- open the new road behind Bunnings and the realigned Butters Lane.



Segment being installed on to pier 3 (December 2018)



The new Grafton Bridge under construction looking from south to north (November 2018)



Signage on the existing bridge explaining the build of the new bridge

**For more information,
please contact us:**

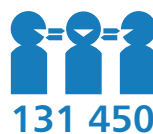
☎ 1800 918 759 (toll free)

@ [grafonbridgecommunity](https://twitter.com/grafonbridgecommunity)
[@fultonhogan.com.au](https://twitter.com/fultonhogan.com.au)

🌐 www.rms.nsw.gov.au/grafonbridge

✉ PO Box 546 Grafton, NSW 2460

**Contact
the
project
team**



If you need help understanding the information, please contact the Translating and Interpreting Service on **131 450** and ask them to call us on **1800 918 759**

February 2019
RMS. 19.1168



Privacy: Roads and Maritime Services ("RMS") is subject to the *Privacy and Personal Information Protection Act 1998* ("PPIP Act") which requires that we comply with the Information Privacy Principles set out in the PPIP Act. All information in correspondence is collected for the sole purpose of assisting in the assessment of this proposal/ delivering this project. The information received, including names and addresses of respondents, may be published in subsequent documents unless a clear indication is given in the correspondence that all or part of that information is not to be published. Otherwise RMS will only disclose your personal information, without your consent, if authorised by the law. Your personal information will be held by RMS at 76 Victoria St, Grafton NSW. You have the right to access and correct the information if you believe that it is incorrect.