



Australian Government

BUILDING OUR FUTURE



NSW
GOVERNMENT

Transport for NSW

Nowra Bridge project

Project update



Artist impression of the Nowra gateway near Bridge Road, looking south.



What we've been doing

Work since June has included:

- Continuing site establishment and vegetation removal
- Utility relocation including power, water, gas and telecommunications services
- Putting in place pedestrian and cycle detours on the south and north sides of the existing bridges and along Bridge Road
- Building the temporary rock platform and jetty
- Removing median islands along the Princes Highway between Bolong Road and Moss Street and implementing traffic changes to establish work areas
- Permanently closing the intersection of Scenic Drive and Bridge Road to motorists
- Starting earthworks for the new local road connecting the highway with Lyrebird Drive.



Upcoming work

Work over the coming months will include:

- Continuing vegetation removal in work areas and utility relocations
- Continuing work on the new local road connecting to Lyrebird Drive
- Building the casting yard on the southern side of the Shoalhaven River, where the concrete bridge segments will be made
- Piling on land and in the Shoalhaven River for the new bridge piers
- Removing material including rock from the work area near Illaroo Road
- Closing car parking spaces on Illaroo Road
- Removing the median islands and building temporary pavement north of Bolong Road
- Widening the Princes Highway on the north western side of Bomaderry Creek.



Building the new bridge

Temporary rock platform

Piles

Piers

Launch nose

Span segments

Finishing work

Road surface

Abutments

The **temporary rock platform** will provide a working area for bridge piling and foundation work in the southern half of the river where water is shallow. It will allow the piling rig and crawler cranes to operate safely to build the new bridge. The platform will be removed when the bridge is complete and some material will be reused elsewhere on the project.

Piles create a strong foundation for the bridge by connecting the piers to a layer of soil or rock. The piling method used depends on the soil or rock type and the load the pile will support.

The northern-most pier will be constructed using bored piles filled with concrete. This method is used as the depth to rock is around 10 metres. Driven piles will be required at all other piers across the river where the depth to rock is up to 60 metres.

Driven piles are built by driving tubular steel cases into the ground using a large hammer on a piling rig. The piles will be vibrated into the sediment and then driven by a hammer into the rock deep below the riverbed. This piling method is noisy and vibration will be felt in the surrounding area. We will make every effort to minimise impacts during the work.

More information about piling will be available shortly.



The temporary rock platform



Reduce traffic delays:
More lanes to improve traffic flow



Increase freight access:
Removing overweight and overmass restrictions

Infrastructure Skills Legacy Program

The Infrastructure Skills Legacy Program is a NSW Government initiative to provide training and employment opportunities within the construction industry. Our programs include:

- supporting local jobs in the region
- supporting under-represented groups to work in the construction industry
- creating pathways for job readiness and employment for new entrants to the construction industry
- hosting a variety of training programs to build the future skill base of the South Coast and NSW construction workforce through a variety of training programs to address skills gaps.

We have made significant progress on our NSW Government and project targets. These achievements to date include:

- 69% of the workforce being local
- 13% Aboriginal participation
- 4.5% female participation in non-traditional roles
- 1% employment of long-term unemployed and refugees
- 8.4% youth employment (under 25).

Aboriginal artwork

Recently we partnered with the South Coast Medical Service Aboriginal Corporation and NSW Justice to support youth of the Shoalhaven. The program for youth at risk of juvenile detention involved painting an Aboriginal mural at our community display centre.

The mural was designed and led by local artist, Glenn Duffield. The design represents the Cullungutti Mountains, the coming together of the Wandji Wandian and Wodi Wodi mobs, the black cockatoo and the significance of the Nowra Bridge bringing the Shoalhaven community together.

Did you know? The Aboriginal name for Nowra is Nowanowa, which means black cockatoo



Aboriginal artwork at the community display centre



Certificate III Civil Construction trainees working on the project



Improved connectivity:
Better pedestrian and cyclist links



Improved intersections:
Safer and more reliable access to local roads



Consultation on detailed design

Thank you for your feedback on the detailed design and urban design and landscape plan which was on display for three weeks in July and August.

The table below outlines the most frequent topics raised by the community and our response.



59 feedback responses from the community



Over 25,000 views of the project animation



Replacing ageing infrastructure

Topic	Response
Access to Riverview Road, Lyrebird Drive and the foreshore	<p>The Pleasant Way intersection left slip was reintroduced following community feedback to improve business access.</p> <p>The intersection of the new local road connecting to Lyrebird Drive was shown at preferred option stage to be signalised and cater for all traffic movements, however this was changed following feedback against additional signals on the highway. The intersection now provides left in and left out only but will be built to allow for signals if required in the future.</p> <p>Motorists accessing this area from the south will turn right at Moss Street and use Ferry Lane.</p>
Closure of Scenic Drive and Bridge Road intersection, and access to the foreshore	<p>Scenic Drive has been closed to create a safer working area during construction and will become a cul-de-sac at project completion for safety reasons. Motorist access to the foreshore area will be via surrounding local roads while pedestrian access and connectivity will be improved by the project at this location. View our Scenic Drive animation on the project webpage to learn more about why the intersection needs to close.</p>
Urban design and landscape plan	<p>Further detail will be developed in the landscape design drawings and will consider community and stakeholder feedback on planting and broader plans for the foreshore areas.</p> <p>A variety of trees and shrubs will be planted as part of the landscaping for the project including reinforcing the two main plant associations – Spotted Gum and Swamp Forest, to strengthen the landscape patterns and enrich biodiversity.</p>
Bypass and grade separation options	<p>The project's need is based on the replacement of the existing southbound bridge. Bypass and grade separation options were considered during development of the project however traffic studies identified that about 85 per cent of the trips across the bridge are local and would not use a bypass, whilst grade separation options introduced inefficient and unsafe weave, merge and queuing issues. More detail on these options is available in the May 2019 Submissions Report.</p>

Work hours

Standard work hours:

- 7am to 6pm, Monday to Friday
- 8am to 1pm, Saturday.

Nearby residents will be notified in advance of any out of hours work that may be required.



Contact us:

If you have any questions or would like to know more about the Nowra Bridge project please contact our project team:

-  1800 331 713 (toll free)
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