



Australian Government

BUILDING OUR FUTURE



Woolgoolga to Ballina Pacific Highway upgrade

Project update – Glenugie to Ballina
December 2018



Looking south at the new bridge over the Clarence River at Harwood

Roads and Maritime Services, Pacific Complete and its contractor partners are working together to deliver the Woolgoolga to Ballina Pacific Highway upgrade.

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Managing your journey during these holidays

All non-essential road work will stop during the holiday break. Road work speed limits will be lifted where it is safe to do so and signage will be updated to reflect these changes.

Our work sites will close from Friday 21 December. Work sites will progressively reopen from Wednesday 2 January 2019 and road work speed limits will return.

Even though our sites will be closed, we will have staff on standby during the break. You can contact the project team via our 24 hour project hotline on **1800 778 900**.

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

We will help you manage your journey these holidays by:

- Lifting road work speed limits where it is safe to help you get to your destination on time
- Displaying estimated travel times and travel information on electronic message signs along the Pacific Highway
- Making your journey more efficient with traffic changes on the Pacific Highway at Woodburn
- Putting in initiatives to improve safety and awareness including radar-activated speed signs, variable speed limit signs and yellow line marking in temporary work zones
- Working with NSW Police to ensure road user safety is the number one priority
- Providing traffic information to help you plan your journey at pacifichighway.nsw.gov.au/highway-operations.

Navigating our worksites – Tell us what you think

While building the Woolgoolga to Ballina upgrade we need to change road conditions to ensure safety for both drivers and workers.

We are seeking your feedback to ensure we provide you with the right information, far enough in advance, to drive safely and plan your trips.

To complete our short survey, visit www.surveymonkey.com/r/driving_through_workzones

It only takes about five minutes and will help us understand how changes to the road environment during construction impacts your driving experience.



Temporary traffic changes in Woodburn during the Christmas holidays

Holiday traffic changes in Woodburn

Between Thursday 20 December 2018 and Thursday 3 January 2019, temporary traffic changes will be in place to reduce congestion and improve safety on the Pacific Highway at Woodburn.

The temporary traffic changes include:

- A no right turn from the Court Street bridge onto the Pacific Highway. Local traffic wanting to go south will travel via Alfred, Wagner, Woodburn and Whyratta streets
- Restricting access to Woodburn Street from the Pacific Highway between 9am and 5pm. Traffic will not be able to enter or exit Woodburn Street at the Pacific Highway intersection. Local detours will be in place.

These changes aim to improve traffic flow through Woodburn, improving safety for all road users and pedestrians and the ability for locals to travel in and around town.

2018 snapshot and achievements



Construction more than **60 per cent** complete



85 per cent of earthwork complete



More than **3000 workers** on site



More than **37 per cent** of bridges built



96 per cent of bored piling complete
97 per cent of driven piling complete



75 per cent of pre-cast bridge pieces delivered



Overpass at Avenue Road, Glenugie opened to traffic in September 2018



Iluka Road interchange looking south



Construction of the new bridge over the Richmond River at Broadwater

What to expect in 2019

Australia's largest concrete paving job

Work to pave the upgrade started in August and will continue until 2020. Paving is one of the last major construction activities before the road opens to traffic.

Trucks will use the Pacific Highway and local roads to deliver raw materials including gravel and sand from local quarries to temporary batch plants where they are mixed together to make concrete. The final product is then transported from the batch plants to site.

For more information about what to expect during paving, view our fact sheet at pacifichighway.nsw.gov.au.

Quarry deliveries

Local quarries will play an important role on the upgrade in 2019, and not just because they're supplying raw materials for concrete paving.

We use quarries to supplement the material needed for construction that we don't already have in the right quantity or quality within the alignment. Hard rock and fine aggregates including sand are being sourced from quarries near Lawrence, Coraki and Doonbah.

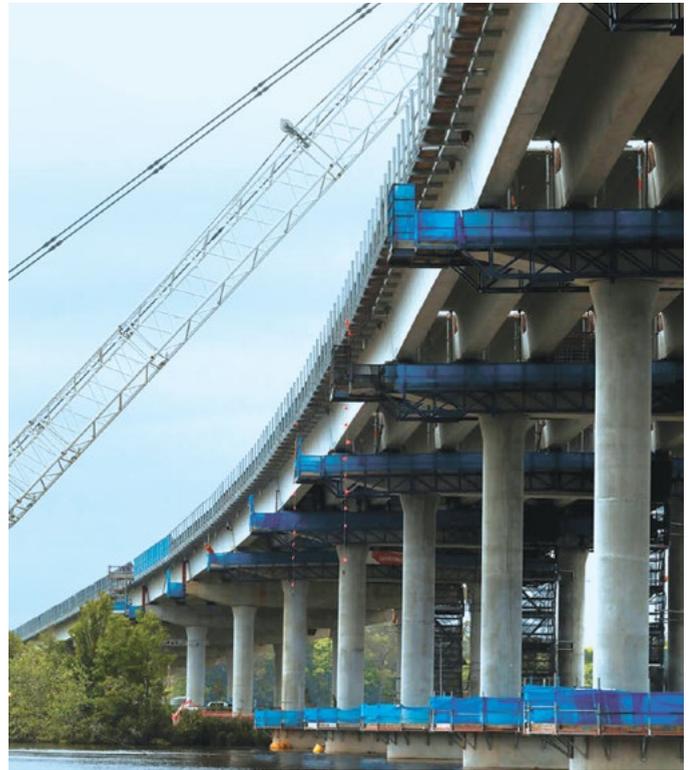
To help minimise the impact to road users, each quarry has limits imposed on the number of truck movements allowed per day.

Major earthwork complete

Earthwork is now well progressed with more than nine million cubic metres of earth moved to date. All major earthwork activities will be complete in 2019.



Laying gravel to provide a stable foundation for road pavement at Gulmarrad



Precast concrete beams in place for the new bridge over the Richmond River at Broadwater

Bridge piece deliveries

The project team is continuing to move more than 8500 large concrete bridge pieces from precast yards in Macksville, Coffs Harbour, Tamworth and Brisbane to site.

About 75 per cent of all precast concrete pieces have now been delivered and we expect to finish all deliveries by mid-2019.

Being delayed by a slow moving oversize truck can be frustrating so remember to think PAC - Plan, Awareness, Caution - to help you get to your destination safely and on time.

You can see where our deliveries are on the Pacific Highway and local roads using our PAC real time delivery map at pacifichighway.nsw.gov.au.

Changes to traffic arrangements

As work to build the upgrade progresses, traffic will continue to be moved from existing roads onto upgraded sections of the Pacific Highway, new local road connections and temporary diversions.

Motorists should be aware of changed conditions and follow the direction of signage and traffic control. There may be short delays and detours in place while some changes are implemented.

Local residents will be notified in advance of temporary or permanent traffic changes.

You can keep up to date by visiting pacifichighway.nsw.gov.au/highway-operations.

Focus on: the environment

Improving connectivity for wildlife

As part of the Pacific Highway upgrade Roads and Maritime builds and monitors connectivity structures to protect native animals and allow them to move freely through habitats.

The Woolgoolga to Ballina upgrade will provide more than 350 connectivity structures such as bridges and culverts and more than 300 kilometres of fencing.

More information is available in the project's native animal Connectivity Strategy at pacifichighway.nsw.gov.au.

Get the kids involved by matching the crossing to the animals that use it below.

Biodiversity offset program

To help offset the impact to biodiversity from the Pacific Highway upgrade, Roads and Maritime is providing areas of native vegetation to be protected as part of the NSW Biodiversity Offsets Scheme.

More information about this scheme can be found at www.bct.nsw.gov.au.



31 biodiversity
offset sites for W2B



4300 hectares
of land protected
in perpetuity

Match the critter to the crossing

Follow the dotted lines to find out how different animals will cross the Pacific Highway.

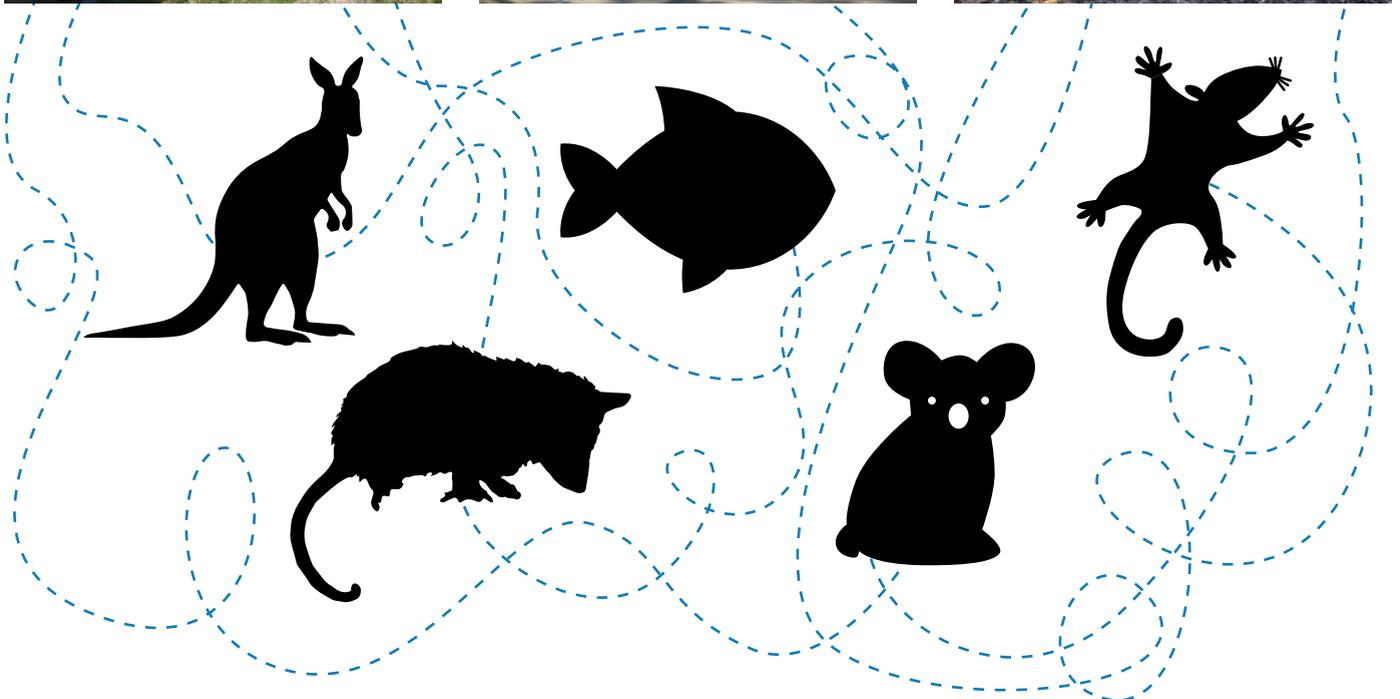
Bridges with fauna underpasses



Arboreal (tree) crossings



Culverts



Get involved

Check out our new website!

Information about the Woolgoolga to Ballina upgrade can now be found on Roads and Maritime's new dedicated website for the Pacific Highway. Here you can access:

- Latest updates and announcements
- Interactive maps
- Calendar of upcoming events
- Photo galleries and videos
- Traffic and safety information
- Document library.

To see the new website, visit pacifichighway.nsw.gov.au.

Want to hear more from us?

Subscribe to email and SMS updates to stay informed about work in your area. To register your details, contact the project team on **1800 778 900** or email w2b@pacificcomplete.com.au.

Don't forget to follow NSW Roads on Facebook and search **#woolgoolga2ballina** to see our latest news and videos.

It takes people to build a road

Thousands of people are involved in building the Pacific Highway upgrade. To better understand the impact of our workforce on local communities, Roads and Maritime has carried out a profile of the workforce on the Woolgoolga to Ballina upgrade. This provides insights for government agencies, local councils, and communities in planning for the delivery of major infrastructure projects in regional areas.

Did you know?

Most of our workers live in Grafton, Yamba or Ballina

46 per cent previously worked on another section of the Pacific Highway upgrade

38 per cent already lived within 100 kilometres of the upgrade when they started

45 per cent have joined a club, team or association

74 per cent are employed full time

Seven per cent identify as Aboriginal and/or Torres Strait Islander

Answers from previous page

Bridges with fauna underpasses can be used by many animals including fish, kangaroos, koalas and possums.

Arboreal (tree) crossings allow gliders to jump and glide across the highway, like they do in the tree canopy.

Culverts provide a tunnel for different animals to pass underneath the highway, including koalas, kangaroos and possums.



131 450

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**.

Contact us

Have a question or just want to chat to someone about the project? Contact us any time:



1800 778 900 (toll free)



W2B@pacificcomplete.com.au



pacifichighway.nsw.gov.au



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