



Australian Government

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Aerial view of earthwork in progress for Wave 1 soft soil work

Macleans to Devils Pulpit

Woolgoolga to Ballina community update - December 2016

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

IN THIS UPDATE

- Ongoing work
- Upcoming work
- How will this work affect you?

Ongoing work

Work continuing from December 2016 to February 2017, weather permitting includes:

- Geotechnical investigations, power, water and telecommunications relocations, building removal and remediation work to prepare for major work to start
- Installing nest boxes to provide nesting and roosting places for wildlife as vegetation clearing continues and relocating threatened vegetation species outside the project alignment

We wish everyone a safe journey this holiday

All work on the project will stop from 23 December and work sites will progressively reopen from 3 January 2017. To help manage traffic during this time a number of road work speed limits will be lifted.



- Earthwork at Maclean, Gulmarrad, Harwood and Mororo, including removing and transporting rock and material to project sites
- Soft soil work including loading material on soft soil sites and installing equipment to monitor settlement
- Installing environmental controls as work progresses and monitoring dust, noise, water quality and flora and fauna.

Upcoming work

Building diversion roads to reduce traffic impacts

Diversion roads will be built beside the highway between Maclean and Devils Pulpit. Traffic will travel on these roads while we upgrade the existing highway. This will allow us to safely build the new highway and maintain capacity on the road network.

Building diversion roads includes:

- Building vehicle access points from the Pacific Highway to the work site
- Installing concrete barriers or steel wire rope and temporary fencing
- Building up foundations and installing drainage
- Laying new pavement, including connecting the new roads to the existing highway
- Installing new traffic signage and line marking.

A number of the diversion roads will remain as local roads and highway off-ramps once work on the upgrade is complete. For the locations of these roads please see the map.

Building new bridges at Tabbimoble

Work on the new bridges at Tabbimoble is expected to start early next year. We will be working to the west of the existing highway to build:

- A 110 metre bridge over Tabbimoble Creek
- A 60 metre bridge over Tabbimoble Overflow.

Building compound facilities

Site compounds are built to provide temporary office, workshop and storage facilities for construction teams working on the upgrade. All compounds will remain in use for the duration of the project. Once the upgrade is complete compounds will be removed and sites restored.

The main compound between Maclean and Devils Pulpit will be located opposite Iluka Road on the western side of the highway and include:

- Temporary offices and amenities
- Staff and truck parking and storage for equipment and materials
- Workshop for repairing and maintaining machinery and equipment.

Feedback on the site was sought from residents in the Iluka compound area, from Friday 29 July to Friday 12 August 2016. A letter outlining the location, use, hours of operation, potential impacts of the compound and proposed mitigation measures was distributed with a feedback form. No issues were raised during this period.



Chatsworth Island: View facing north to Chatsworth Road

Additional compound sites between Maclean and Devils Pulpit

Location	Function (site compounds will generally include a combination of the facilities below)
Devils Pulpit north – north of Big Marsh Road	<ul style="list-style-type: none">• Temporary offices and amenities
Devils Pulpit south – south of Thompsons Road in the Pacific Highway median	<ul style="list-style-type: none">• Staff and truck parking and storage for equipment and materials• Workshop for repairing and maintaining machinery and equipment• Batch plant for making concrete and precast structures
Tabbimoble east site compound – between the existing Pacific Highway and the Old Pacific Highway	<ul style="list-style-type: none">• Temporary offices and amenities• Staff and truck parking and storage for equipment and materials
Tabbimoble west site compound – between Mororo Road and Jackybulbin Road	<ul style="list-style-type: none">• Workshop for repairing and maintaining machinery and equipment
Iluka east site compound	
Yamba interchange west site compound	

Building will start on these sites from December 2016. Access to these sites will generally be off the Pacific Highway. Please contact the project team if you have questions or feedback about the site compounds.

Work to build a safe access point from the Pacific Highway to the compound site has started (please refer to the map provided). As work progresses the new access point onto the highway will be sealed and line marking will be changed to provide acceleration and deceleration lanes both directions.

The Iluka compound is expected to be in use in February 2017, with the first buildings to be installed in December 2016. The assessment for the main site compound for the bridge over the Clarence River at Harwood is complete and the site has been approved. We appreciate the time you have taken to attend meetings, review the information and provide feedback to the team.

Building the new bridge over the Clarence River at Harwood

To build the new bridge over the Clarence River at Harwood we first need to prepare the areas where we will work. This will involve:

- Installing two temporary jetties
- Starting to build the new Mill Road
- Testing to prepare for piling.

Testing to prepare for piling in 2017

Test piling will be near River Street, Harwood. This piling is to confirm the capacity and performance of the design of bridge support structures. Piling is a loud activity and may cause some disturbance. Noise and vibration monitoring will be carried out during this time and we will use this data to inform how we manage noise and vibration during future piling. There will be large machines working in the area including cranes and drilling rigs.

To ensure this area is as safe as possible for workers and the community exclusion zones will be set up and pedestrian access separated from the site with fencing.

How will this work affect you?

There will be some noise, dust and changes to traffic conditions while this work takes place. The project team will work to minimise impacts wherever possible, however, if you have any concerns please give us a call.

Motorists will notice a number of changes on the Pacific Highway. Please keep to speed limits and follow the direction of traffic controllers and signs. For the latest traffic updates, you can call 132 701, visit livetraffic.com or download the Live Traffic NSW App.

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

Site management during the holidays

To manage dust during the shutdown period we:

- ✓ Use a soil binder on exposed earth
- ✓ Spray areas with fertiliser and seeds encouraging grass growth
- ✓ Cover areas with fabric

To ensure your safety please stay out of work sites during the shutdown period. We will be monitoring **1800 778 900** and **w2b@pacificcomplete.com.au** during this time, with a team on standby to respond to your concerns



Dust will be managed over the **holiday period**

Project progress

- ✓ 26 kilometres of the upgrade on track to open late 2017
- ✓ More than \$1 billion worth of contracts tendered
- ✓ More than 1000 people working to deliver the Woolgoolga to Ballina upgrade
- ✓ More than two million project hours worked
- ✓ About 177 Olympic size swimming pools of earth moved
- ✓ 18 kilometres of borehole drilling using 15 drilling rigs
- ✓ More than 2000 kilometres of wick drains installed as part of soft soil treatment



more than **1000+** people working



more than **26km** of road to open in 2017

Targeting koala zero harm during construction

All staff will be trained about koalas in our project area, how we manage construction to reduce the impact of our work and what to do if they spot a koala. More than 260 employees have been inducted since mid-November.

To mitigate the impact on koalas during the operation of the highway we are:

- ✓ Installing 26 wildlife connectivity structures in an area where koalas live – about one structure every 500 metres
- ✓ Installing completely closed fencing along the new highway and additional fencing on existing highway and local roads where koalas are active
- ✓ Planting koala feed trees



260+ employees inducted

Looking out for emus

To manage the impact of the project we are:

- ✓ Monitoring emu activity using aerial survey, ground surveys and satellite tracking
- ✓ Installing emu fences so emus become used to the crossing zones before the highway opens
- ✓ Monitoring fence types and locations
- ✓ Training staff working in areas with emus about fencing, monitoring and managing emus on site
- ✓ Installing signs to alert motorists of emu activity



Manage environmental impacts from road projects

Contact us

For more information about the project, please contact us:

☎ 1800 778 900 (toll free) @ W2B@pacificcomplete.com.au 🌐 www.rms.nsw.gov.au/W2B

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Transport
**Roads & Maritime
Services**

Diversion roads between Maclean and Iluka interchange



Site compounds between Tabbimoble and Devils Pulpit

