

October 2017

Approval for use and start of work at the Lumleys Hill borrow site for the Woolgoolga to Ballina Pacific Highway upgrade

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 and Pacific Complete are working together to deliver the project.

In late 2016, the Woolgoolga to Ballina Pacific Highway project team asked for feedback on a proposal to use Lumleys Hill near Wardell as a borrow site for the upgrade.

The team received responses from 30 individuals and organisations. The team considered these matters as part of the sites' assessment. A consultation report with the feedback and Roads and Maritime's responses is available at rms.nsw.gov.au/w2b.

Since seeking feedback, the project team has produced a management plan for the borrow site. This plan was submitted to the NSW Department of Planning and Environment for approval.

The project team has recently received advice from the Department that the management plan for the Lumleys Hill borrow site has been approved. The management plans for the adjacent batch plant and the ancillary facility (known as a site compound) have also been accepted. More information about the batch plant and site compound will be provided separately.

Changed as a result of feedback

The project team appreciates community feedback as part of planning our work. Some changes have been made to the management plan as a result of community comments and the Department's review.

These changes include:

- Preparing and submitting Environmental Work Method Statements to the Department, in consultation with other agencies
- Preparing and submitting a Bulk Earthworks Haulage Strategy for local roads to the Department, in consultation with Ballina Shire Council and other agencies
- Reducing daily operating hours for carrying out crushing and screening activities on site.

These changes are in addition to the measures that the project team had already committed to as part of the consultation with community and stakeholders.

Start of work

The project team will start work in the Lumleys Hill borrow site area from early October, weather permitting. Work will include:

- Carrying out pre-clearing surveys
- Delivering and unloading heavy machinery
- Removing vegetation
- Installing fencing and site access gates
- Building temporary site access
- Excavating using heavy machinery
- Crushing and screening material
- Stockpiling material
- Loading material into trucks for transporting to areas as fill within the project alignment.

The team will use heavy machinery including 120 tonne excavators and 50 tonne trucks to remove about 700,000 cubic metres of rock and earth material from the site. This material will be used within the project alignment to build the new road.

Some extracted material (rock) will be crushed and screened then sorted into short term stockpiles. The material will be stockpiled on site so the project team can mitigate dust. It will be loaded into trucks and transported to areas within the project alignment.

How will dust and noise be managed?

During this work, impacts including noise, dust and vibration will occur. The project team will use proven environmental management and mitigation methods to minimise these impacts during our work. Some of the measures we use to minimise dust and noise include:

- Spraying water for dust suppression
- Applying dust binding agents to cover stock piles and mounds during construction
- Monitoring air quality and noise
- Positioning noise generating plant and equipment away from residential properties, where practicable
- Service and maintain plant and equipment so they are in good working order
- Minimising the number of plant and equipment operating at the same time
- Use natural features and site structures to help mitigate noise.

There is a possibility that blasting may be required at this site and, if so, further consultation will be carried out. We will continue to work closely with site neighbours and the community while the work is carried out.

All borrow site operations will be completed in line with the project's Conditions of Approval and Construction Environment Management Plan.

How will work affect you?

During work nearby residents and road users can expect:

- Increased noise levels due to the use of heavy machinery and excavation equipment
 - Increased traffic on local roads including construction vehicles, heavy machinery and trucks
 - Low levels of vibration during the use of construction equipment and machinery
-

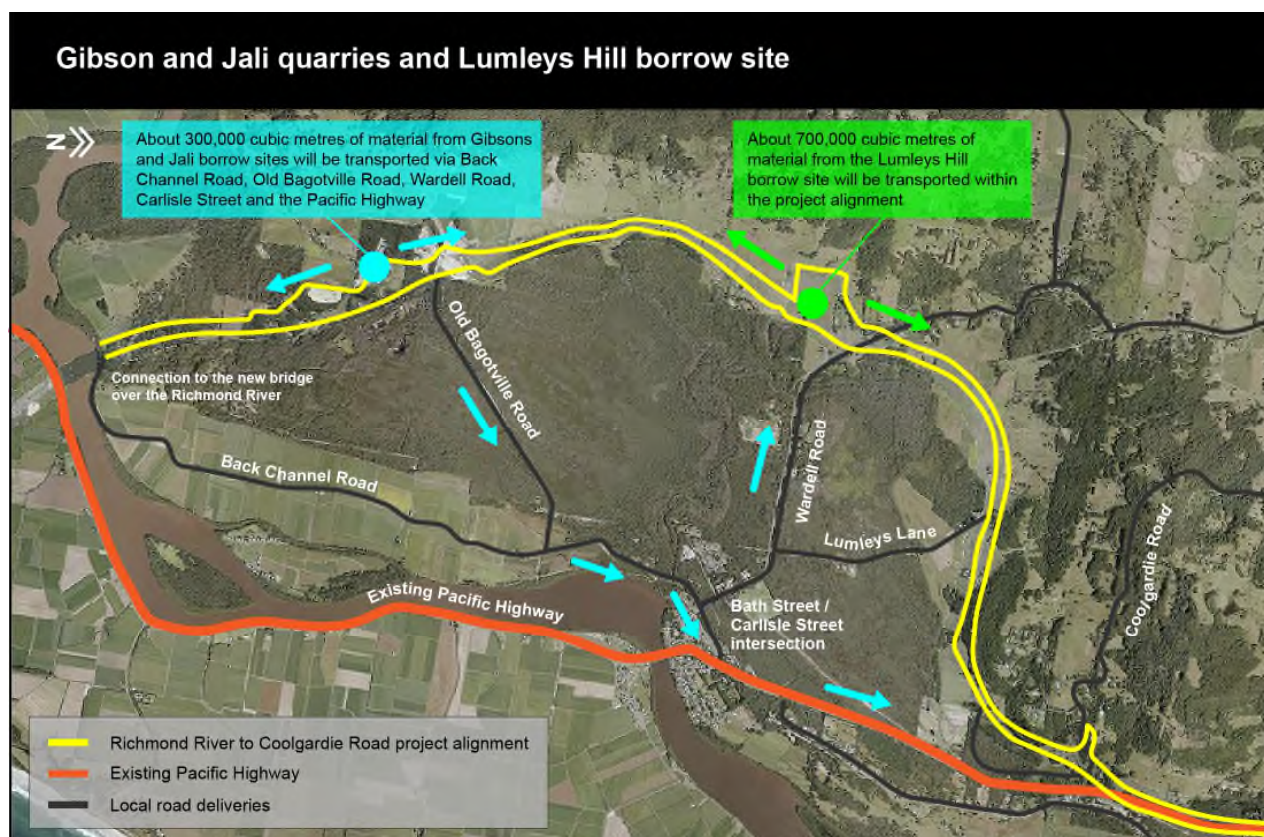
- Some dust due to the nature of excavating
- Flashing lights and reversing alarms on machinery and vehicles will be used for the safety of workers
- Temporary lighting towers for compounds and borrow site
- Temporary changes to road conditions including reduced speed limits, short term stoppages and traffic management along roads.

Construction traffic and heavy vehicle movements

We have provided a map to show the initial haulage routes for the start of work through until early 2018. These routes are approved as part of the project's Bulk Haulage Strategy for local roads for this stage of work. The project team will keep you informed about future changes to the volume of heavy vehicle movements and routes as work continues. The map shows movements from Gibsons and Jali quarries as well as Lumley Hill borrow site. A separate notification about the Gibsons and Jali quarries consultation outcome and start of work is available at rms.nsw.gov.au/W2B.

Workers will use Wardell Road to access the site. As the project progresses vehicles will also travel along the construction corridor. There will be up to 300 heavy vehicle movements and up to 100 light vehicle movements per day along Wardell Road for the project.

Material from the Lumleys Hill borrow site will be moved through direct, internal access to the project corridor.



300 truck movements per day during peak periods



100 car movements per day during peak periods

How is traffic managed?

To manage the increase in vehicle movements in the area for the project, we will wherever possible:

- Use the construction corridor haul road for heavy vehicle movements
- Maintain the condition of Wardell Road for the duration of the project construction
- All project vehicles will be monitored through In Vehicle Monitoring Systems (IVMS) to ensure professional driver behaviour standards are being met
- Additional signage and construction vehicle speed limits will also be in place.

Koala management measures

As part of the project's conditions of approval, and in line with our management plan we will implement measures outlined in the Koala Management Plan, including:

- Installing temporary and permanent fencing around and grids at site entrances
- Introducing temporary reduced speed limits on local roads
- Inducting and training workers in koala awareness and management
- Having an ecologist with suitable experience in koala handling on site during pre-clearing surveys, clearing activities and throughout the work.

Work hours



7am – 6pm Monday – Friday

8am – 5pm Saturdays

Typically work will be carried out during the project's approved construction hours, which are between 7am and 6pm from Monday to Friday and between 8am and 5pm on Saturday.

In areas where residents live more than 200m from the project boundary, extended work hours from 6am to 7pm weekdays may be permitted. We will notify nearby residents at least five working days in advance of any activities scheduled outside of these working hours.

For more information about the project, please contact us on 1800 778 900, email W2B@pacificcomplete.com.au or visit the project website at 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.

