

December 2018

Work outside approved construction hours between Mororo and Devils Pulpit

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

As part of building the road between Mororo and Devils Pulpit, the project team will be working outside approved construction hours. This work is for technical reasons and planned from December 2018 to May 2019, weather permitting.

We have included a table to provide more details about the work

Work hours

Typically, work will be carried out during the project's approved construction hours, which are:

Approved construction hours

Monday to Friday 7am–6pm

Saturday 8am–5pm

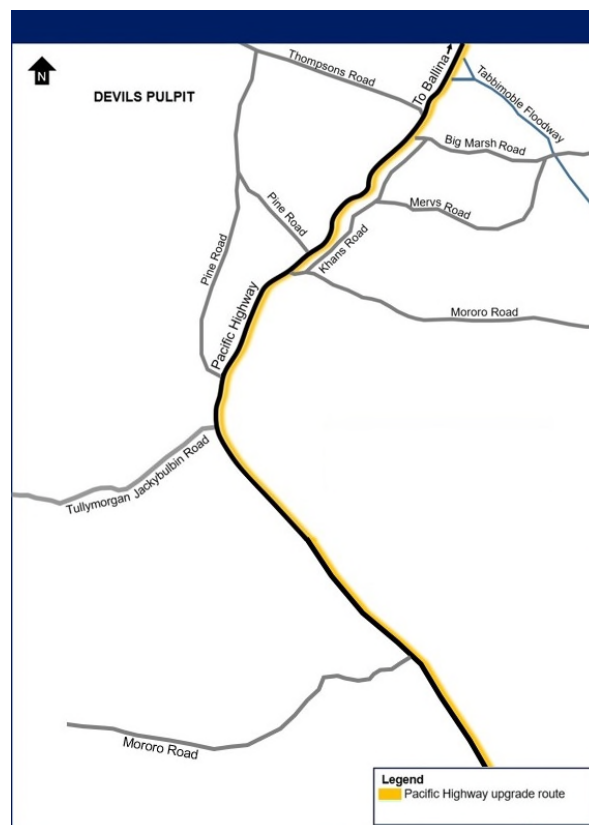


In areas where residents live more than 200 metres from the work, extended approved work hours are allowed between 6am and 7am and 6pm and 7pm, Monday to Friday.

Work outside approved construction hours

There are several technical reasons why this work is required outside approved construction hours, including:

- **Safety** – making it safer for motorists and workers when we are building over and next to roads by reducing interactions between these two groups.
- **Weather** – concrete cannot be poured during rain or hot weather. In hot weather, the concrete needs to be poured as early as possible so that it can start to cure before the heat of the day.
- **Quality** – when pouring concrete for pavement and culverts, it must be done in a single pour to ensure quality and integrity. To manage the curing process, saws are used to cut the pavement. The timing of cutting depends on the moisture level of the concrete and varies from about four to 24 hours after concrete is poured. Excessive heat can cause concrete quality issues (e.g. cracking), therefore, during summer paving needs to start early in the morning and finish before the hottest part of the day.
- **Traffic** – building next to, over and on existing roads, means traffic may be stopped or reduced to one lane while work is carried out.



- **Environment** – when rainfall has occurred, sediment basins (temporary ponds to catch water from the construction site) require maintenance and draining to ensure they meet the relevant environmental approvals. These need to be emptied of water, via a pump, within five days of rainfall.

For work that measures below five decibels at residential properties or if it is needed for technical reasons, the project team is only required to notify the community.

How we manage our work








The project team will use machinery that generates noise, light and vibration. To manage this work we will:

- Turn off machinery when not in use
- Direct temporary lighting down and away from homes
- Plan activities close to residents to coincide with normal construction hours, where possible
- Fit equipment with devices to minimise noise, particularly reversing squawkers
- Monitor noise so we can manage any potential impacts and adjust our work, as required.

All work will be carried out in line with the project's Conditions of Approval and Construction Environmental Management Plan.

To manage queuing and safety, there will be some temporary traffic changes and lane closures that may affect travel times. Please keep to speed limits and follow the direction of traffic controllers and signs. Motorists are encouraged to remember PAC – Plan, Awareness, Caution. 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 and thank you for your patience during this important work.

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 131 450	

Work we will do between Mororo and Devils Pulpit

Activity	Why	Hours	Occurrence	Impacts
Operation of pumps for water drainage	Environment Weather	Monday to Sunday from 6pm to 7am Pumps will usually operate during approved construction hours, however, they will operate out of hours after significant rain.	As required	Noise (medium)
Operation of pumps for treatment and draining of sediment treatment	Environment Weather	Monday to Friday from 5am to 7am Monday to Friday from 6pm to 9pm Saturday from 6am to 8am and 5pm to 6pm Sunday and public holidays from 8am to 5pm	As required Will only be required out of hours after rain events.	Noise (medium)
Moving concrete barriers on the Pacific Highway and using lighting towers (including installing, operating and refuelling)	Safety Traffic	Monday to Friday from 6pm to 7am (to 8am on Saturday) Saturday 5pm to Sunday 8am	As required	Light Traffic Noise (low/medium)
Removing and repainting lines on the road and general road maintenance	Traffic Safety	Monday to Friday from 6pm to 7am	20 nights only with no more than three consecutive nights	Light Traffic Noise (low/medium)
Laying asphalt, spraying bitumen sealing, installing road furniture and signs	Traffic Safety	Monday to Friday from 6pm to 7am	20 nights only with no more than three consecutive nights	Light Traffic Noise (low/medium)
Ecological surveys adjacent to live traffic lanes	Safety Traffic	Monday to Friday 5am to 7am and 6pm to 8pm Saturday from 5am to 8am and 5pm to 8pm	20 nights only with no more than three consecutive nights	Light Traffic Noise (low)
Vegetation removal and associated surveying	Safety Traffic	Monday to Friday 5am to 7am and 6pm to 8pm Saturday from 5am to 8am and 5pm to 8pm	20 nights only with no more than three consecutive nights	Light Traffic Noise (low/medium)
Setting up traffic control	Safety Traffic	Monday to Friday from 5am to 7am Saturday from 5am to 8am	As required	Light Traffic Noise (low)
Refuelling	Safety	Monday to Friday from 5am to 7am Saturday from 5am to 8am	As required	Light Traffic Noise (low)

Activity	Why	Hours	Occurrence	Impacts
Concrete paving (application of curing compound using specialised equipment and general concreting work, including pouring drainage base slabs and paving hand pours, and the placement of plastic covers over the pavement to protect against weather).	Quality Weather	Monday to Friday 4am to 7am and 6pm to 10pm Saturday from 4am to 8am and 5pm to 8pm	Daily	Light Traffic Noise (low/medium)
Saw cutting and curing	Quality Weather	Monday to Friday 6pm to 7am (to 8am on Saturday) Saturday 5pm to Sunday 12pm	Daily	Light Traffic Noise (medium)
Cleaning paving equipment	Quality	Monday to Friday from 6pm to 9pm Saturday from 5pm to 9pm	Daily	Light Traffic Noise (low/medium)
Aggregate and water deliveries to the batch plant	Traffic Safety Quality	Monday to Friday from 5am to 7am and 6pm to 11pm Saturday 6am to 8am and 5pm to 10pm	Daily	Light Traffic Noise (medium)
Concrete batch plant operation	Quality	Monday to Friday from 3am to 7am and 6pm to 9pm Saturday from 3am to 8am and 5pm to 9pm	Daily	Lighting Noise (medium)