



Low impact controlled blasting from Wednesday 20 March

Newcastle Inner City Bypass – Rankin Park to Jesmond

March 2024



Transport for NSW acknowledges the Awabakal people of the Awabakal Nation as the Traditional Custodians of the lands on which we work and pays respect to Elders past and present.

The Australian and NSW governments are funding the Rankin Park to Jesmond section of the Newcastle Inner City Bypass.

Work is continuing on the 3.4 kilometre section of the bypass. Transport for NSW has engaged Fulton Hogan to finalise the design and construct this section of the bypass.

What work are we doing?

As part of construction of the Newcastle Inner City Bypass, the project team will complete drilling and low impact controlled blasting.

When and where we'll be working

We intentionally stage our blasts to minimise impacts for the community. Blasts will be spread over several weeks to reduce impacts.

There will be **up to six** low impact controlled blasts **across two months** starting in **late March**, weather and site conditions permitting.

Low impact controlled blasting will be carried out during **standard construction hours**, specifically between **9am and 5pm, Monday to Friday**. No work will be carried out on public holidays.

A test blast will take place on **Wednesday 20 March**, the blast itself lasting less than five seconds. The remainder of blasts are planned every two weeks **from April until the start of June**, with a short break after the first two blasts to carry out excavation, rock crushing and removal.

These dates are subject to change, please check our online portal for up-to-date information.

What will this mean for you?

The safety of workers and the community is our highest priority when carrying out blasting. All blasts are managed by a licensed contractor and experienced shotfirer in line with relevant legislation. Other safety measures include:

- a safe exclusion zone will be established before each low impact controlled blast
- the blast controller, blast sentries and safety/traffic control will ensure the area is secure and everyone is a safe distance from blasting
- the shot firer will sound a siren to indicate a blast is imminent. The siren will be activated for about 30 to 60 seconds and nearby residents may be able to hear this siren
- a final siren will sound to indicate the blast is complete and the zone is safe.

After the blast, rock hammering and crushing activities may be required to break up large rocks for removal. This work will be carried out during standard daytime project hours.

Managing our impacts

The Minister's Conditions of Approval for the project sets strict limits on air blast overpressure (noise from energy) and all blasts are modelled and monitored to ensure compliance. Data from the monitoring will be publicly available online each month.

We intentionally stage our low impact controlled blasts to minimise impacts for the community.



- noise from a blast is over quite quickly and can be compared to thunder rumbling
- people in close proximity to the blasting area may feel some slight vibration or hear the siren or blast
- there are no expected impacts to traffic and we are working closely with utility providers to ensure there is no disruption.

For more information

Any change to timing of the low impact controlled blasting will be published on the interactive portal. Scan the QR code below to visit the portal or visit nswroads.work/rp2j

To discuss your individual circumstances or for more information, please contact our project team.

A detailed fact sheet on blasting is available on the [project webpage](#).



Contact us



If you would like to provide feedback, or have any questions or complaints, please contact our 24-hour Construction Response Line **1800 818 433**



RP2JCommunity@fultonhogan.com.au



nswroads.work/rp2j



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