

We're tunnelling near you

Tunnelling for the Rozelle Interchange is underway and we expect to be excavating in your general area from late October.

What we're doing

We're currently excavating a traffic tunnel that runs beneath Lamb Street. In the coming weeks we'll be passing under Joseph Street. We'll then continue a northerly direction beneath Lamb and Ryan streets as shown in orange on the map overleaf.

The tunnels will be excavated in two stages

- The first stage involves **excavating the tunnel roof** (tunnel arch) using a roadheader, which is a special excavation machine that cuts the rock in a circular motion. We then install ground support which includes rock bolts (metal rods) and spray the tunnel roof with shotcrete (sprayed concrete). Depending on the width of the tunnel, nearby residents may hear and feel excavation of the tunnel roof for about a month. Please refer to the map to find out when we expect to be excavating the roof inside the tunnel(s) near you.
- The second stage involves **removal of the tunnel floor** using a roadheader or a rock hammer. This process is called benching and can occur anytime, and nearby residents are likely to hear and feel this work anywhere between three days and two weeks for tunnels and up to 12 weeks for ventilation caverns and substations. There is a substation beneath Lamb and Justin streets, highlighted in yellow on the map overleaf.

The excavated rock (called spoil) is taken from the tunnel face up the access ramp and into one of three acoustic sheds inside the Rozelle Rail Yards via specialised dump trucks called moxies. Spoil is then removed from the site using trucks with trailers via the exits at City West Link and Sommersville Road.

When

From late October 2020

Hours of operation

24/7 (for further details please see overleaf)

Where

Lamb, Ryan and Joseph streets

Community Information Centre:

We're following the NSW Health 'social distancing' guidelines and the Community Information Centre is closed until we're able to reopen

We speak your language



Need an interpreter?
Call the Translating and Interpreting Service on
131 450

Notification No. 187



How this affects you

The project has approval to carry out tunnelling activities 24 hours per day, seven days a week. **Tunnelling in your area will mainly be undertaken 24 hours per day from 6am Monday to 6am Saturday.** Tunnelling activities may occasionally take place inside the tunnels from 6am Saturday to 6am Monday, as required.

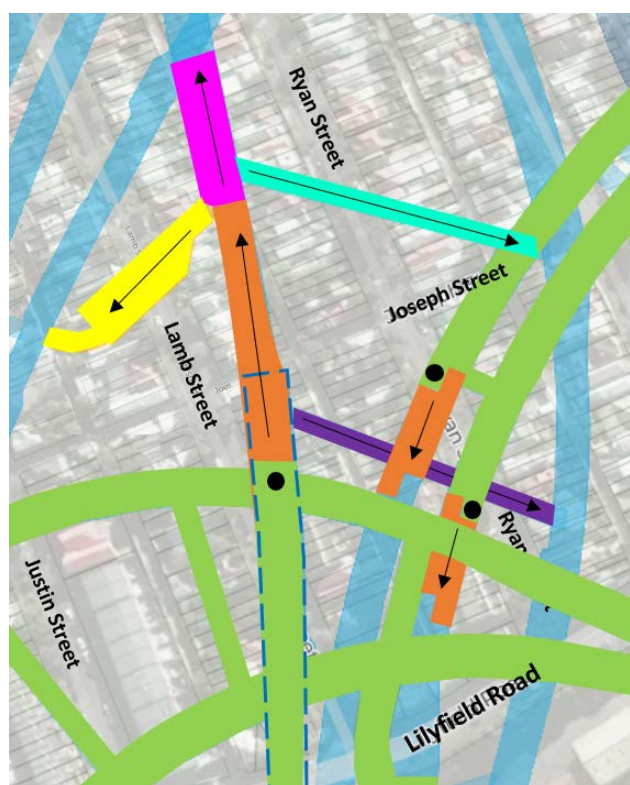
Generally, ground borne noise and vibration impacts from tunnelling are most noticeable when we're closest to a property, increasing on approach and reducing as we move away. The sounds you may hear during tunnelling include:

- Roadheader excavation: sounds like thunder
- Rock bolting: creates a temporary drilling noise

Noise and vibration from tunnelling can affect people differently and is influenced by many factors. These factors include but are not limited to tunnel depths and location, ground conditions, the materials used to build your property, existing background noise levels and your personal sensitivity to ground borne noise.

Previous experience has shown that property damage from tunnelling is unlikely. For your peace of mind, as you're located within 50 metres of the tunnels, you will have received an offer for a **free property condition survey (PCS)** which we hope you've accepted. The PCS ensures there's a clear record of the property's condition prior to any major construction activities taking place.

Tunnel roof excavation timeframes (subject to change)



Legend

- Current roadheader locations
- Tunnelling direction
- Tunnelling progress to date*
- Current location until early November
- ▭ Benching work (from early to late November)
- Late November until late December
- Substation: Intermittently from March to late 2021 (three months total)
- Early April to mid May 2021
- June 2021
- Remaining tunnels to be excavated between mid and late 2021. We'll provide further information via our digital updates closer to the excavation date. Please email us via the contact details below to subscribe.

*Excavation of the tunnel roof has been completed in these locations. Some benching may still be required, which involves removal of the tunnel floor using a roadheader or a rock hammer. Benching can occur anytime and nearby residents are likely to hear and feel this work for anywhere between three days and two weeks for tunnels and up to twelve weeks for ventilation caverns and substations.

Further information about tunnelling

A detailed information pack is available to residents via email. **Please contact us via the details below if you would like to receive the tunnelling information pack and regular progress updates via email.**

For more information about the tunnel locations and depths in relation to your property, please visit the online Tunnel Tool at <https://v2.communityanalytics.com.au/ric/rozelle-interchange>.