

We're tunnelling near you

Tunnelling for the Rozelle Interchange is underway, and we expect to be excavating in your general area from late August until mid to late 2021.

What we're doing

We're currently excavating a traffic tunnel inside the Rozelle Rail Yards and we'll be progressing under City West Link and Brenan Street towards Starling Street in the coming weeks. Following this, tunnelling will progress south towards Piper Street.

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 anywhere between one and three months per tunnel. 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 any time, even up to a year after excavation of the tunnel roof. Benching is a lot quicker than excavation of the tunnel roof and nearby residents may hear and feel benching for anywhere between three days and two weeks depending on the type of equipment used.

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 Sommerville Road.

When

From late August until mid to late 2021

Hours of operation

24-hours a day, seven days a week

Where

Brenan, Percival, Starling, Gladstone and Piper streets Lilyfield

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. 145



How this affects you

Tunnelling activities will be carried out **24-hours a day, seven days a week**. 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. **As such it's not expected that you'll be continuously impacted by tunnelling until mid to late 2021.**

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

- Tunnelling progress to date*
- Current roadheader locations
- Tunnelling direction
- Current tunnelling locations until late September 2020
- Late September to late November 2020
- Intermittently between September 2020 to April 2021**
- Intermittently between December 2020 and May 2021**
- December 2020 to March 2021
- March to April 2021
- Remaining tunnels to be excavated at a later date

*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 depending on the equipment used.

**Due to the width of the tunnels, we'll pass through multiple times to excavate the tunnel roof and floor.

Further information about tunnelling

A detailed information pack is available to residents via email. **Please contact us at info@rozelleinterchange.com.au if you would like to receive the tunnelling information pack and regular progress updates via email.** If you don't have access to email or the internet, please call us at **1800 660 248** to discuss how we can keep you informed.

For more information about the tunnel locations and depths in relation to your property, please visit the online Tunnel Tool at www.westconnex.com.au/explore-westconnex/tunnelling-progress.