



### Tunnelling update - Leichhardt and Annandale

The M4-M5 Link Tunnels team started tunnelling from the Pyrmont Bridge Road tunnel site in May 2019 and work will continue in the Annandale and Leichhardt areas throughout December 2020. To help progress excavation in areas of hard rock, at times a rock-hammer may be used. We thank you for your patience during this time as we move through this area.

#### What we're doing

In **December 2020** excavation of the top of the mainline tunnels (heading) will continue beneath Emma Street and Catherine Street moving towards Coleridge Street and Milton Street, Leichhardt. Excavation of the ramps leading to the Rozelle Interchange will continue beneath Reserve Street and Mayes Street, Annandale. Excavation of the bottom half of the tunnel (benching) will continue towards Young Street and Mayes Street, Annandale.

A map showing the approximate location and progress of tunnelling activity throughout December is provided overleaf.

Tunnelling activities will be **undertaken 24 hours a day, seven days a week**. The tunnel is being excavated in several stages:

- **Stage 1** - excavating the top of the tunnel and cross passages, called the heading, and the installation of support including large steel bolts into the rock and sprayed on concrete
- **Stage 2** - excavation of the lower half of the tunnel, called benching
- **Stage 3** - excavation of drainage channels using sawcutters, trencher and jackhammers. Stage three is done in sections following the tunnel excavation.

The tunnel is excavated using machines called roadheaders (Stage 1 and 2). In areas of hard sandstone alternate excavation methodologies such as the use of rock-hammers or controlled blasting may also be needed. After the completion of the benching, drainage channels are dug using a trenching machine and where required jackhammers (Stage 3).

The excavated dirt and rock, called spoil, will be removed using trucks with trailers from the Pyrmont Bridge Road site. Spoil trucks will enter the site via Parramatta Road and exit via Pyrmont Bridge Road, Camperdown.

#### When

Throughout December 2020

#### Hours of operation

24 hours a day, seven days a week. No tunnelling work will be undertaken on 25 and 26 December and 1 to 3 January 2021.

#### Where

In the vicinity of Milton St, Coleridge St, Catherine St, Emma St, John St, Styles St and Whites Creek Ln, Leichhardt and Mayes St, Young St, Annandale St and Reserve St, Annandale

For more information please call 1800 660 248 or email [info@m4-m5linktunnels.com.au](mailto:info@m4-m5linktunnels.com.au)

#### We speak your language



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

Notification No.MT260



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## How this affects you

Each individual's experience of tunnelling will vary due to a range of local conditions and variables. Vibration and noise levels experienced depend on ground conditions, building types, existing background noise levels and the materials used to build your property. It also depends on how far away you are from the tunnel. Stakeholders report experiencing the following:

- Ground borne noise – this is created when vibration from tunnel excavation travels through the ground and causes a building's flat surface to vibrate, creating an audible 'rumbling' noise
- Vibration – you may feel vibration, however, the predicted levels are as expected and not high enough to cause damage to the property.

Once the tunnel is complete, you will not hear or feel any vibration from vehicles using the operational motorway.

To understand the location of the M4-M5 Link Tunnels, or for further information regarding the sequence/ process, please visit the interactive tunnelling tool at <https://stage3a.anzgeo.com/> or refer to our tunnelling fact sheet, available in the document library on the WestConnex website.

The M4-M5 Link Tunnels Community Information Centre at Haberfield will be closed from Tuesday 22 December 2020 and reopen on Monday 4 January 2021.

If you have an enquiry or complaint about this work, please contact the M4-M5 Link Tunnels team on toll free 1800 660 248, email [info@m4-m5linktunnels.com.au](mailto:info@m4-m5linktunnels.com.au) or write to PO Box 63, Mascot, NSW 1460.

## Approximate location and progress of tunnelling activities

