



### Tunnelling update - Newtown

The M4-M5 Link Tunnels team started tunnelling from the Pyrmont Bridge Road and the Campbell Road tunnelling sites in mid-2019. During April 2021 excavation of the top half of the tunnel was completed between Annandale and St Peters. Work will continue to excavate the bottom half of the tunnel throughout May 2021.

#### What we're doing

In **May 2021** excavation of the bottom half of the tunnel (benching) will continue under Enmore Road and King Street towards Holt Street, Newtown.

A map showing the current approximate location and progress of tunnelling activity throughout May 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 and jackhammers.

The tunnel is excavated using machines called roadheaders (Stage 1 and 2). To help progress excavation in areas of hard sandstone, at times rock-hammers may be used. 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.

#### 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

#### When

Throughout May 2021

#### Hours of operation

24 hours a day, 7 days a week.

#### Where

In the vicinity King Street, Enmore Road, Probert Street, Chelmsford Street, Bedford Street, Holt Street, Bailey Street, Station Street, Holmwood Street and Camden Street, Newtown

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



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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.

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.

## Location and progress of tunnelling activities

