



Tunnelling - Campbell Road tunnel and civil site

The M4-M5 Link Tunnels team will begin tunnelling from the Campbell Road tunnel and civil site from May 2019. Tunnelling will be done with a specialised tunnelling machine called a roadheader that will begin at the St Peters Interchange on and off ramps heading in a northerly direction.

What we're doing

From **May 2019** tunnelling will begin within the St Peters Interchange on and off ramps below Campbell Street and move in a northbound direction. Tunnelling under properties on the northern side of Campbell Street is expected in late June. A map showing the approximate location and progress of tunnelling activity is provided overleaf.

Tunnelling activities will be **undertaken 24 hours a day, seven days a week**. Additional noise barriers have been installed between the work area and local residents to minimise noise impacts. The majority of tunnelling activities will move to the acoustic shed once its complete in the middle of the year.

The excavated dirt and rock, called spoil, will be removed using trucks with trailers from the Campbell Road site. Trucks will enter and exit via Campbell Road, Burrows Road and Canal Road.

Residents will be provided with further notification prior to tunnelling taking place in the vicinity of your property.

The tunnel will be excavated in several stages.

- Stage 1 - excavating the top of the tunnel, 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, and small passages between the two tunnels called cross passages.

When

May 2019

Hours of operation

24 hours a day, seven days a week

Where

Campbell Road tunnel and civil site, St Peters

For more information drop into the Community Information Centre at 201-205 Parramatta Road, Haberfield (corner of Alt Street)

9.00am to 5.00pm

Monday to Friday

(excluding public holidays)

We speak your language



Need an interpreter?

Call the Translating and Interpreting Service on

131 450.

Notification No.MT087



Constructed by

Cross passages

Cross passage tunnels which connect the mainline tunnels are designed to house mechanical and electrical equipment for the tunnel operation and to permit the motoring public to cross to the other carriageway in the event of an emergency.

Cross passages are located throughout the tunnel around 120 metres apart and will typically be excavated after the main tunnels in that area are complete. The time taken to construct a cross passage will depend on ground conditions and the type and length of the cross passage being constructed. A typical cross passage may take around one week to excavate.

How this affects you

Each individual's experience of tunnelling may 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. In some instances, you may experience the following:

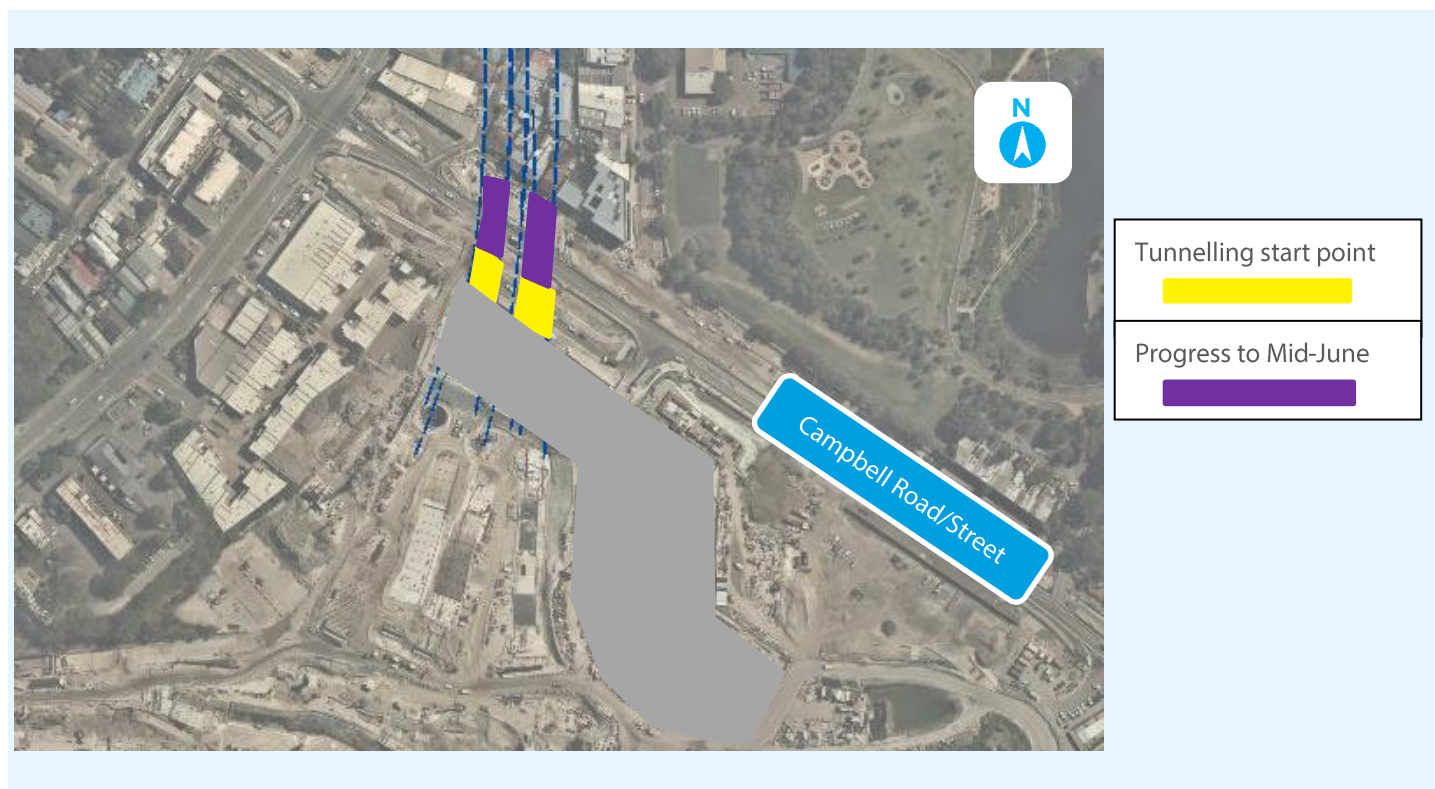
- Ground borne noise – this is created when vibration from tunnel excavation travels through the ground and causes a building's flat surface to vibrate, occasionally creating an audible 'rumbling' noise.
- Vibration – at times you may feel some vibration, however, the predicted levels are not high enough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

Once the tunnel is complete, you are unlikely to hear or feel any vibration from vehicles using the 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 about this work, please contact the M4-M5 Link Tunnels team on toll free 1800 660 248 or email info@m4-m5linktunnels.com.au

Location and progress of tunnelling activities



Map data © 2018 Google