

Tunnelling progress update – Concord Road construction site

The Concord Road tunnelling site commenced tunnelling of the entry and exit ramps in September 2016. Currently, two roadheaders will continue to excavate the access ramps in a south easterly direction until they connect with the mainline tunnels of the M4 East.

A third roadheader has commenced the construction of a temporary decline access tunnel, which will allow access to the mainline tunnels of the M4 East.

A fourth roadheader has commenced the excavation of a cross passage (XPC2) from the Concord Road tunnelling site to facilitate tunnelling in a north westerly direction towards the Concord Cut and cover (portal) location.

A fifth roadheader will be launched late April to commence tunnelling the future westbound carriageway heading east.

In accordance with the conditions set out by the project's Environmental Protection Licence, tunnelling activities including excavation will occur **24 hours per day, seven days per week**.

Tunnelling activities near your property

Tunnelling and related construction activities will continue near your property in April 2017 and will occur in several stages. Roadheaders will first excavate the upper two-thirds of the tunnel and rock will be excavated intermittently in the weeks following to remove the lower third of the tunnel benches. For further information about tunnelling methodology, see the attached tunnelling fact sheet. A map showing the approximate location of tunnelling activity is provided overleaf.

What to expect during tunnelling

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 quality of your property (older buildings were built to different standards than newer buildings). 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. In most cases, ground borne noise generated by vibration from tunnelling activities would be **less than that of a refrigerator**.
- **Vibration** – at times you may feel some vibration, however the predicted levels are **not high enough to cause damage to property**. Once the tunnel is complete, you are unlikely to hear or feel any vibration from vehicles using the motorway.

For more information about tunnelling methodology please see the attached fact sheet.

If you have an enquiry or complaint about this work, please contact toll free 1800 660 248 and ask to speak to a member of the M4 East team or email info@M4East.com.au.

Notification reference: N134d

ABOUT WESTCONNEX

WestConnex is part of a broader transport plan for Sydney which includes improved public transport, such as Sydney Metro and light rail, as well as better, more reliable motorway solutions. More than two-thirds of WestConnex will be built underground. Once complete, motorists will be able to avoid up to 52 sets of traffic lights and enjoy significant travel time savings.

For more information

 info@M4East.com.au

 1800 660 248

 westconnex.com.au



Drop in to the Community Information Centre

Open 9:00am to 5:00pm Monday to Friday
(excluding public holidays)

52 Railway Parade, Burwood NSW 2134

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Tunnelling progress – Concord Road construction site.



Tunnelling completed	
Benching completed	
March 2017 completed	
April 2017 onwards	
Construction site	