

## Tunnelling progress update – Underwood Road construction site

The first of two roadheaders operating from the Underwood Road construction site commenced tunnelling in August 2016, with the second roadheader launched in September 2016. Both of these roadheaders have now completed the upper two-thirds of the east and westbound mainline tunnels, connecting them with tunnelling heading west from the Concord Road construction site.

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 **October and November 2017**. Excavation occurs in several stages. Roadheaders first excavate the upper two-thirds of the tunnel and rock will be excavated intermittently in the weeks following the roadheader to remove the lower third of the tunnel profile (activity known as benching). For further information about tunnelling methodology, refer to the WestConnex website. A map showing the approximate location of the several stages of tunnelling activities 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.
- **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](mailto:info@M4East.com.au).

Notification No. 158d

### 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](mailto:info@M4East.com.au)  
☎ 1800 660 248  
🌐 [westconnex.com.au](http://westconnex.com.au)  
📱 [f](#) [t](#) [in](#)

#### 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

#### Constructed by





Easing congestion

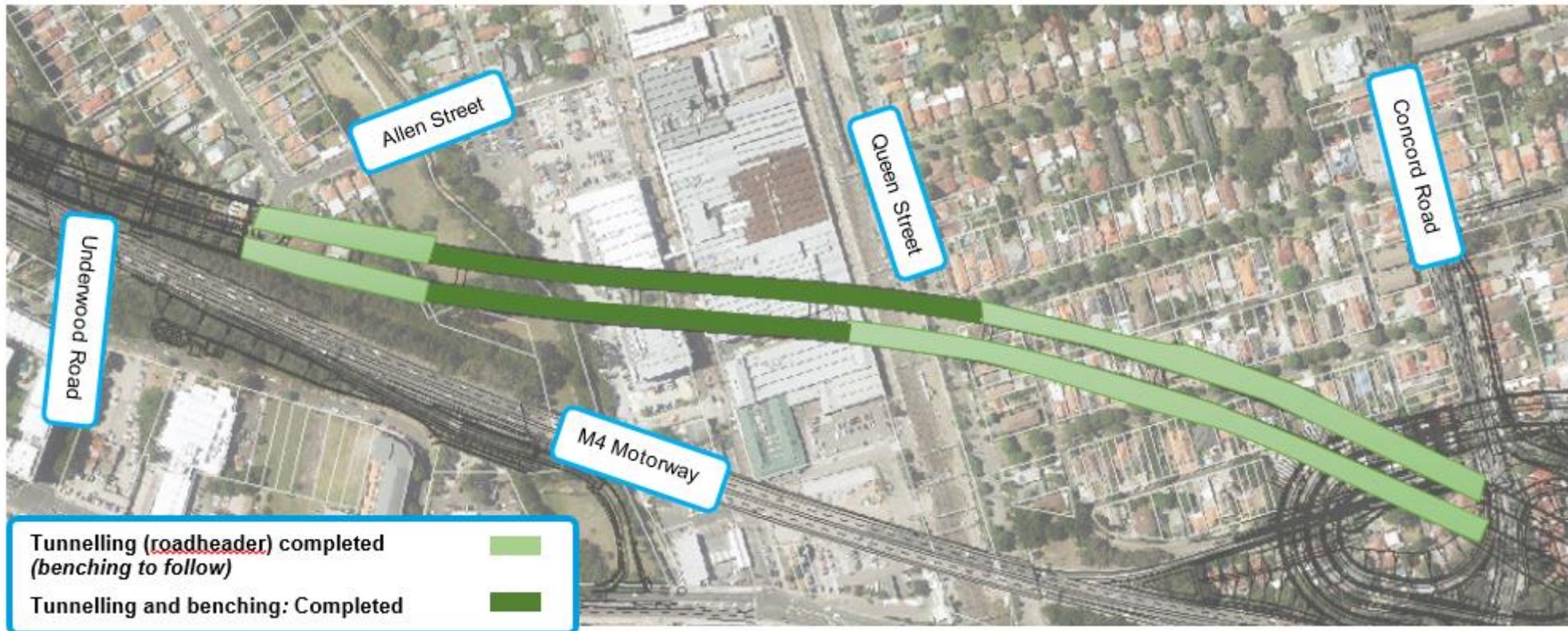


Creating jobs



Connecting communities

Tunnelling progress – Underwood Road construction site.



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