

Notification – Tunnelling at Orchard Hills

Station Boxes and Tunnelling

24 August 2023

Sydney Metro – Western Sydney Airport is the new metro railway line which will service Greater Western Sydney and the new Western Sydney International (Nancy-Bird Walton) Airport. A city-shaping project, the 23-kilometre new railway will connect the Western Sydney Aerotropolis in the south with St Marys in the north – where customers can connect to the existing Sydney Trains suburban T1 Western Line. The NSW and Australian governments have a shared objective of having Sydney Metro – Western Sydney Airport operational when the airport open for passenger services. CPB Contractors Ghella are completing the station boxes and tunnelling works for Sydney Metro – Western Sydney Airport.

What work are we doing?

Tunnelling has commenced at the Orchard Hills Station site. Tunnelling work will occur 24 hours a day, seven days a week.

Follow the tunnel boring machines progress at sydneymetro.info/journey-sydney-metro-western-sydney-airport-tunnel-boring-machines.

Work includes:

- Excavation rock and installing the permanent lining of the tunnel
- Safely removing excavation material via conveyor belts through the tunnels back to the Orchard Hills Station site and then transporting it by truck to Nepean Business Park landfill site
- Excavating cross passages located at regular intervals along the alignment. Cross passages are an important safety feature linking the twin tunnels. After the TBMs have passed, excavators create the passages between the twin tunnels, which are then waterproofed and sealed with a concrete lining.

What to expect:

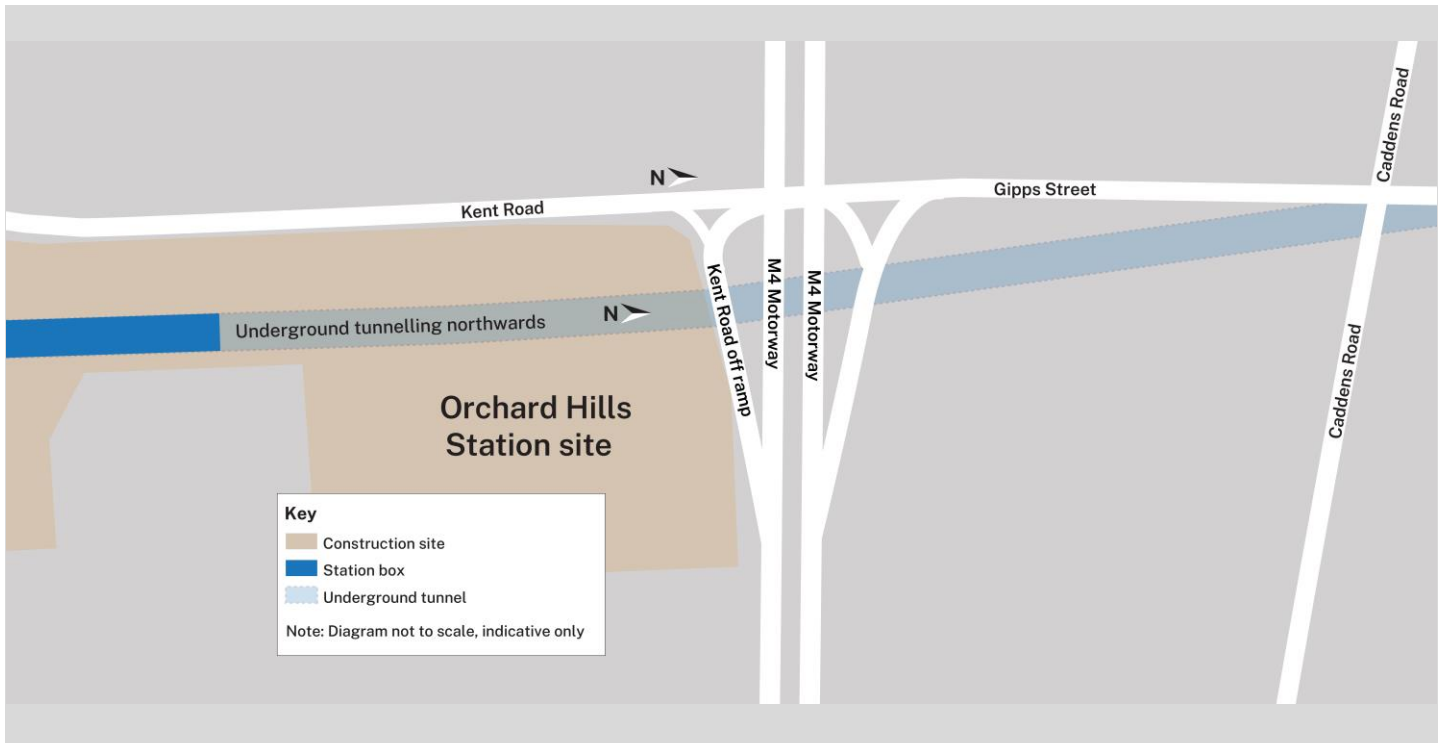
- Residents and businesses along the tunnel alignment may experience some vibration and ground-borne noise during tunnelling
- Survey markers have been installed on roads and kerbs to measure and monitor any ground movement during and after tunnelling, ensuring any movement stays within the limits to prevent property damage
- Survey works will be carried out on local streets. This work is not expected to cause any noise, and parking, property, and street access will not be impacted.

Equipment used:

Telehandler, moxy trucks, tipper trucks, excavators, forklifts, gantry crane, tunnel boring machine.



Location of work area



Feedback

We invite your feedback on appropriate respite periods or mitigation measures that may be required to your specific circumstances. Contact your local Place Manager, Michelle to discuss your preferences or to be added to the distribution list to review these updates via email.

CPBG's Community Communications Strategy is available online at www.cpbcontractors.cc/SBTstrategy. Contact us to provide feedback on this plan.

Contact us



24-hour Community Information Line **1800 717 703**



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