

Construction update – Airport Business Park and Terminal

Station Boxes and Tunnelling

23 November 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 (CPBG) are completing the station boxes and tunnelling works for Sydney Metro – Western Sydney Airport.

Construction and tunnelling activities

Tunnelling contractor CPBG continues work over the next two months at the Airport Business Park and Terminal sites. Please see the map overleaf for work locations.

Most work will be carried out during standard construction hours **Monday to Friday 7am to 6pm** and **Saturday 8am to 1pm**. Some out-of-hours work activities will be carried out in line with the project Environment Protection Licence, Road Occupancy Licences, and Transport for NSW requirements. Surrounding residents and businesses will be notified in advance of any out-of-hours work.

Airport Business Park and Terminal sites will be closed from **Saturday 23 December 2023 to Monday 1 January**, reopening on **Tuesday 2 January 2024**. Regular security, environmental and safety monitoring of worksites will continue during this time.

Out-of-hours work in December and January will include:

- Oversized plant and equipment deliveries including tunnel segment deliveries
- Tunnel and cross-passage excavation
- Spoil conveyor installation at Airport Terminal Temporary Shaft
- Surface earthworks, concrete formwork
- Tunnelling work, including spoil removal, haulage, 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.

Standard construction hours work in December and January will include:

- Tunnelling operations and cross-passages excavation
- Tunnel boring machine operations and maintenance



- Site wide concrete works, including formwork for various structures
- Dewatering of sediment basin and water transfer off-site
- Delivering and removing plant, equipment water and excavated material with truck and trailers
- Spoil conveyor, grout plant and crane operations and maintenance
- Spoil transfer and tunnel segment deliveries
- Survey and site photography using drone cameras above the construction site.

Out-of-hours work six-month lookahead:

Activity	Timing
Surface earthworks, concrete formwork, oversized plant equipment and tunnel segment deliveries	December 2023 – May 2024
Station, temporary shaft and tunnel excavation	December 2023 – May 2024
Tunnel boring machine operations	December 2023 – May 2024

What to expect:

- Work activities will generate noise, vibration, and dust. Mitigation measures will be in place to minimise these impacts including noise and vibration monitoring, respite periods and dust suppression
- Increased worker vehicle movements in and around the work site.

Equipment used:

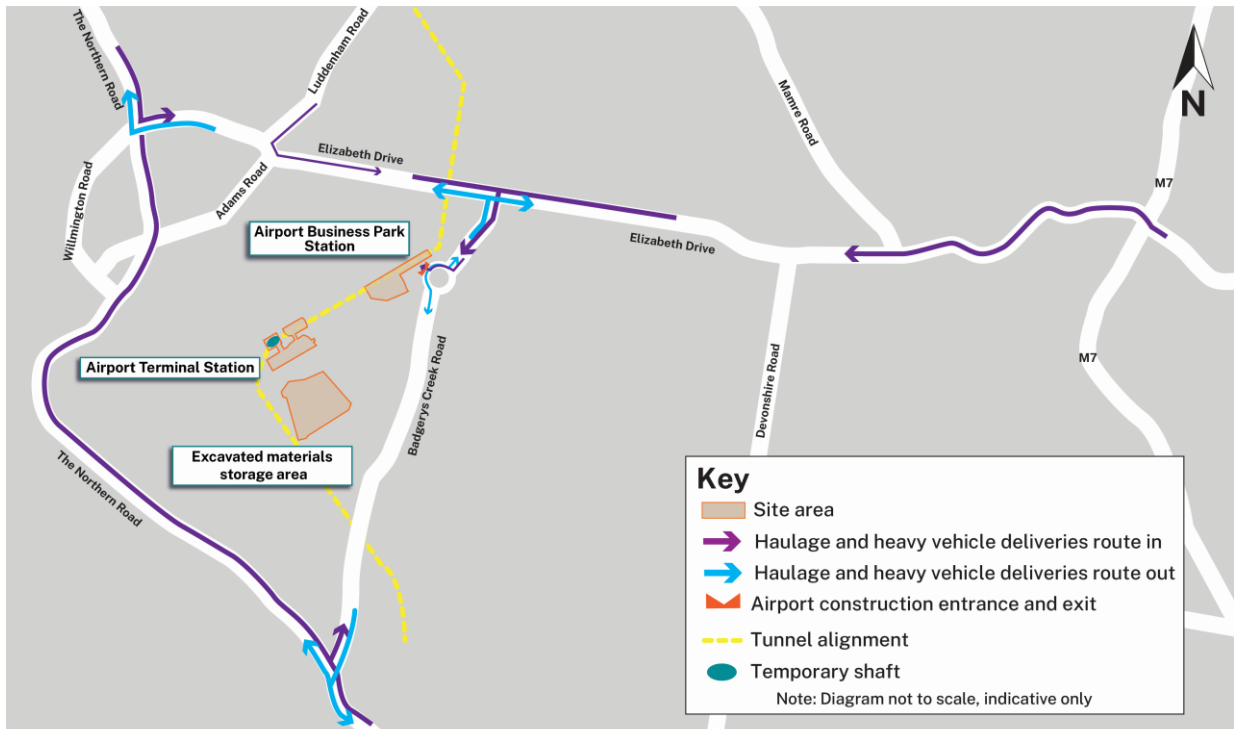
Includes (but is not limited to) drill rigs, mobile cranes, excavators and earthmoving equipment, concrete agitators, bolting rig, shotcrete rig, articulated dump trucks, concrete saws, concrete pumps and trucks, tippers, vacuum trucks, truck and dogs, pneumatic drills, profiler, asphalt, roller, compaction rammers, water carts, specialist survey vehicles and heavy vehicles, multi service vehicle, trailers, tunnel segments, tunnel boring machines and conveyor system including radical stacker on surface.

Haulage and deliveries:

Excavated materials from other tunnelling sites are delivered to a primary fill site within the Western Sydney International Airport site. Tunnel excavated materials have been identified for the sustainable reuse as part of future construction at Western Sydney International Airport. The heavy vehicle delivery and haulage route is via Badgerys Creek Road, The Northern Road, Elizabeth Drive and Luddenham Road. The roundabout at the intersection of Badgerys Creek Road and Pitt Street, Badgerys Creek is the Airport Metro Stations site entry and exit for all construction vehicles.

Changes to traffic, pedestrian and cyclist routes:

During these works, there may be some impacts to roads including increased heavy vehicle movements. For the safety of road users, traffic control will be in place when required to assist with any changes to traffic conditions.



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, Hayley to discuss your preferences or to be added to the distribution list to review these updates via email.

Thank you for your cooperation while we complete these essential works.

Contact us



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



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