

# Construction update – Airport Business Park and Terminal

22 July 2023

**Sydney Metro is Australia's biggest public transport project.**

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 opens for passenger services.

CPB Contractors Ghella (CPBG) was awarded the tunnelling contract for Sydney Metro – Western Sydney Airport in December 2021.

## 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.

## Out-of-hours work in August and September will include:

- Oversized plant and equipment deliveries including tunnel segment deliveries
- Station box, temporary shaft and tunnel excavation
- Spoil conveyor installation, tunnel boring machine component delivery and assembly
- Surface earthworks, concrete formwork and piling
- Tunnelling work, including spoil removal, haulage, and will occur **24 hours a day, seven days a week**

Follow the tunnel boring machines progress at [sydnymetro.info/journey-sydney-metro-western-sydney-airport-tunnel-boring-machines](https://sydnymetro.info/journey-sydney-metro-western-sydney-airport-tunnel-boring-machines).

Standard construction hours work in August and September 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	August 2023 – January 2024
Station, temporary shaft and tunnel excavation	August 2023 – January 2024
Tunnel boring machine operations	August 2023 – January 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:

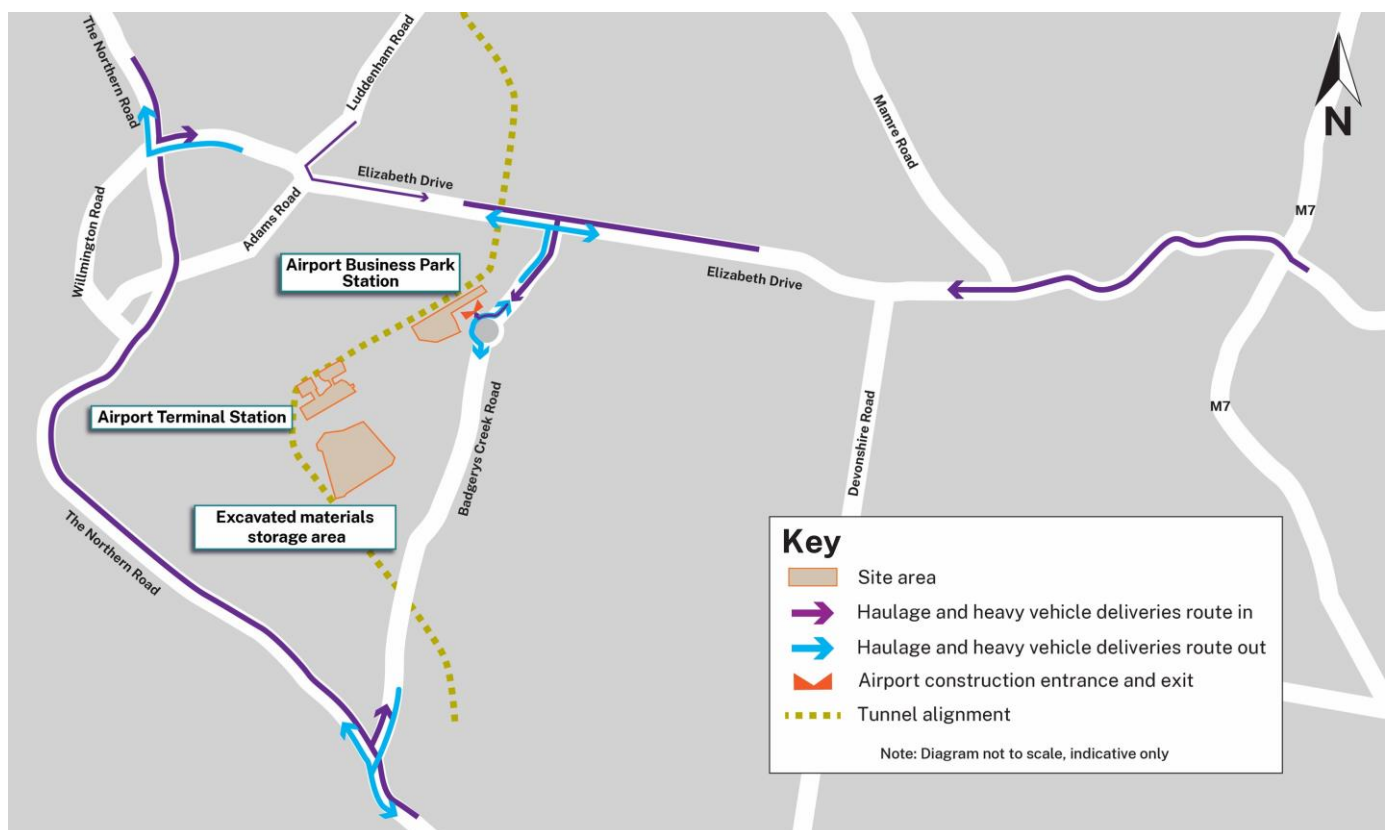
Includes (but is not limited to) drill rigs, mobile cranes, excavators and earthmoving equipment, concrete agitators, bolting rig, shotcrete rig, articulated dump trucks, concrete saws, concrete pumps and trucks, tippers, vacuum trucks, truck and dogs, pneumatic drills, profiler, asphalt roller, compaction 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 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 for your specific circumstances. Contact your local Place Manager, Hayley to discuss your preferences or to be added to the distribution list to receive these updates by email.

CPBG's Community Communications Strategy is available at [cpbcontractors.cc/SBTstrategy](http://cpbcontractors.cc/SBTstrategy). Contact us to provide feedback on this plan.

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

## Contact us

If you have any questions or would like more information, please contact our project team:

**1800 717 703** Community information line open 24 hours

**[sydneymetrowsa@transport.nsw.gov.au](mailto:sydneymetrowsa@transport.nsw.gov.au)**

Sydney Metro – Western Sydney Airport, PO Box K659, Haymarket NSW 1240



### Translating and interpreting service

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