

Construction update - Airport Business Park and Terminal

22 May 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 are completing the station boxes and tunnelling works for Sydney Metro – Western Sydney Airport.

Ongoing construction activities and commencement of tunnelling

Construction at the Airport Business Park and Terminal Station sites is continuing over the next two months. 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 to mitigate quality and safety risks, and 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 June and July will include:

- Oversized plant and equipment deliveries including tunnel segment deliveries
- Station box, temporary shaft and tunnel excavation
- Spoil conveyor installation and tunnel boring machine assembly
- Surface earthworks and concrete formwork
- Tunnelling work, including spoil removal and haulage, commenced in May 2023 and will occur **24 hours a day, seven days a week**

Standard construction hours work in June and July will include:

- Tunnelling operations and cross passages excavation
- Maintenance of site access roads, environmental controls and survey work
- Site wide, station box and portal excavation including earthworks, anchor installation, rock bolting and shotcreting
- Site wide concrete works, including formwork, for various structures
- Construction and commissioning of a water treatment plant and dewatering of sediment basin
- Delivering and removing plant, equipment, water and excavated material with truck and trailers
- Establishment and operation of an excavated materials storage area
- Spoil conveyor, grout plant and crane installation
- Tunnel segment deliveries
- 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	June-December 2023
Station box, temporary shaft and tunnel excavation	June-December 2023
Spoil conveyor installation and tunnel boring machine assembly	June-December 2023
Excavated material removal and haulage	June-December 2023

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 vehicle movements in, out and around the work site.

Equipment used:

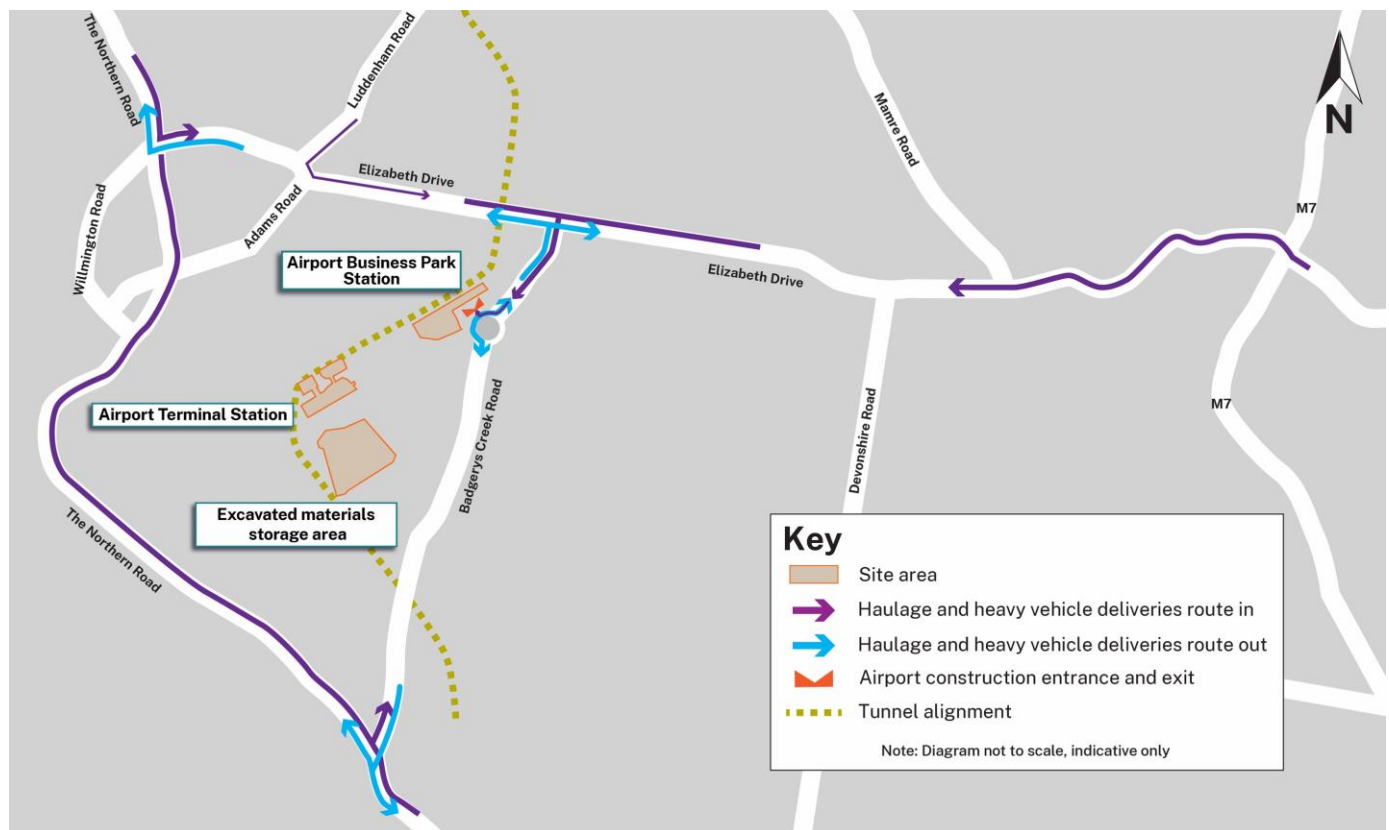
Equipment includes but is not limited to barriers, drone cameras, drill rigs, mobile cranes, tower crane, gantry crane, butors, excavators and earthmoving equipment, concrete agitators, bolting rig, shotcrete rig, articulated dump trucks, forklifts, concrete saws, concrete pumps and trucks, tippers, bin trucks, vacuum trucks, truck and dogs, bobcats, telehandlers, powered hand tools, power generators, traffic control, bollards, pneumatic drills, profiler, asphalt roller, compaction rammers, water carts, mist-sprayers, utility scanning and survey equipment, specialist survey vehicles, heavy vehicles, spoil trucks, light vehicles, multi service vehicle, trailers, lighting towers, tunnel boring machine components and tunnel segments.

Haulage and deliveries:

Excavated materials from other tunnelling sites will be 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 local 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

A Detailed Noise and Vibration Impact Assessment for the area has been prepared including proposed mitigation measures the project is currently implementing as a result of noise modelling. We invite your feedback if alternative measures may be required for your specific circumstances. Contact your local Place Manager, Hayley on 1800 717 703 or email sydneymetrowsa@transport.nsw.gov.au 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 online at www.cpbcontractors.cc/SBTstrategy. To provide feedback on this plan, please call 1800 717 703 or email sydneymetrowsa@transport.nsw.gov.au.

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

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



Translating and interpreting service

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