

Construction update - Airport Business Park and Terminal

24 March 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 was awarded the tunnelling contract for Sydney Metro – Western Sydney Airport in December 2021.

Ongoing construction activities and commencement of tunnelling

Construction at the Airport Business Park and Terminal 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 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 April and May 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 and haulage, is planned to commence in April 2023 and will occur **24 hours a day, seven days a week**

Standard construction hours work in April and May will include:

- Maintenance of site access roads and environmental controls
- Installation of concrete piles for the remaining section of the permanent dive structure
- 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 and excavated material with truck and trailers
- Establishment and operation of an excavated materials storage area
- Spoil conveyor, grout plant and crane installation
- Tunnel boring machine component delivery and assembly, and 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 and piling, oversized plant equipment and tunnel segment deliveries	April-September 2023
Station, temporary shaft and tunnel excavation	April -September 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 worker vehicle movements in and around the work site.

Equipment used:

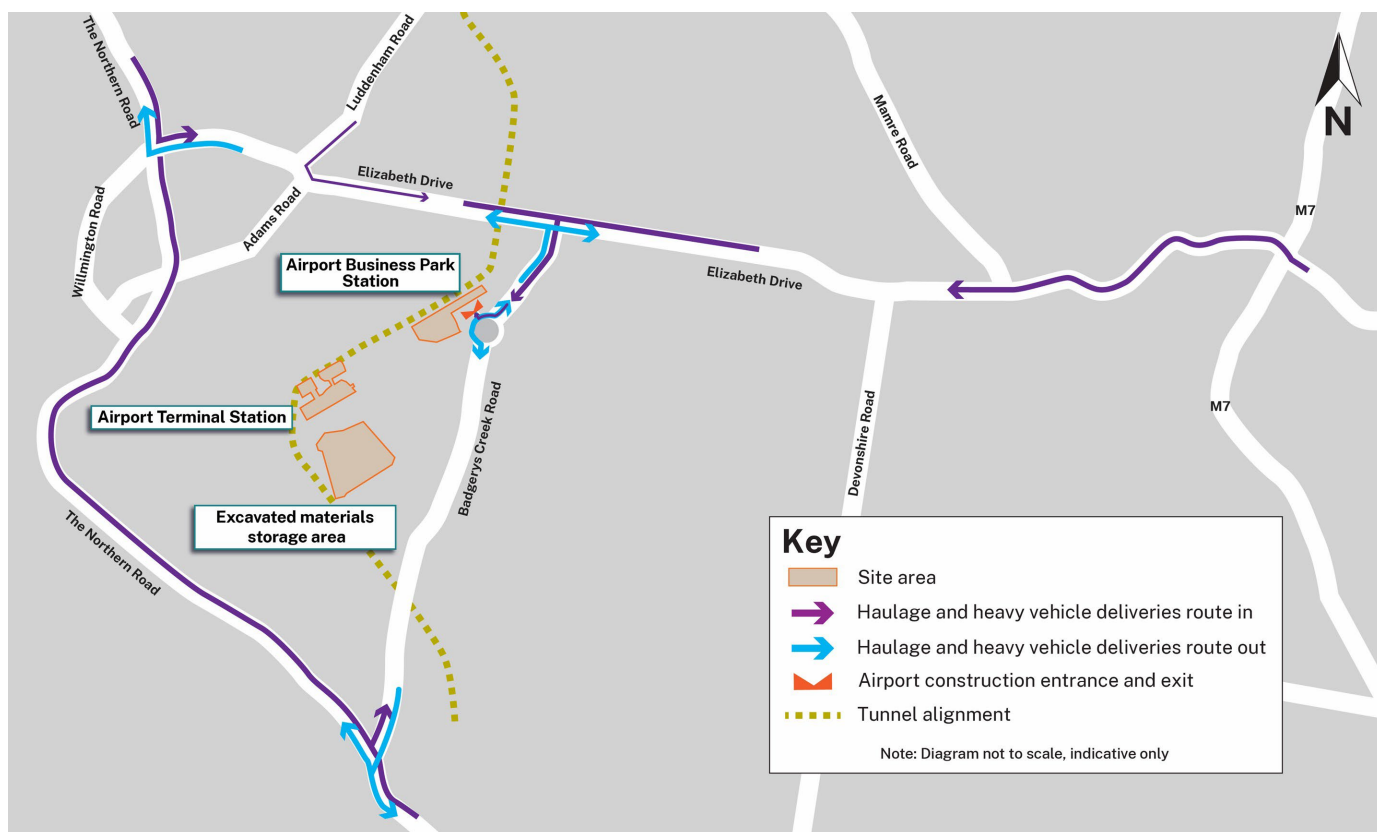
Equipment includes but is not limited to barriers, drone cameras, drill and piling rigs, mobile cranes, tower crane, gantry crane, butors, excavators and earthmoving equipment, concrete agitators, bolting rig, shotcrete rig, articulated dump trucks, forklifts, concrete saws, concrete pumps and trucks, 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 and 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 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.



A Detailed Noise and Vibration Impact Assessment for the area has been prepared including proposed mitigation measures 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, Lisa 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.

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

Meet the project representatives:

We invite you to meet with our project representatives on Thursday 13 or 20 April between 4pm and 6pm at the IGA in Luddenham. The team will be providing the community with the latest updates on the Station boxes and tunnelling works for Sydney Metro – Western Sydney Airport.

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

If you need help understanding this information, please contact the Translating and Interpreting Service on **131 450** and ask them to call us on **1800 717 703**

Sydney Metro invites you to

Community Information Session

4.00pm – 6.00pm, Thursday 13 and 20 April 2023,
IGA Luddenham, 2130 The Northern Road, Luddenham NSW 2745

Join us for the latest updates on the Sydney Metro – Western Sydney Airport, Station Boxes and Tunnelling Project.

