

Construction update – Airport Business Park and Terminal

1 February 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, including oversized plant and equipment deliveries, shaft excavation, and concreting, will be carried out in line with the project Environment Protection Licence, Road Occupancy Licences, and Transport for NSW requirements.

Tunnelling work, including spoil removal and haulage, is planned to commence in April 2023 and will be in operation 24 hours a day, seven days a week. Surrounding residents and businesses will be notified in advance of any out-of-hours work.

Work in February and March will include:

- Ongoing site establishment including maintenance, and installing internal access roads, fencing, signage, site sheds, facilities and environmental controls
- Excavation and placement of concrete piles with piling rigs, and capping beam construction including concrete pours
- Site wide, station box and portal bulk 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 of excavated materials storage area
- Spoil conveyor, grout plant and crane installation
- Tunnel boring machine component delivery and assembly, and tunnel segment deliveries.

Out-of-hours six month lookahead:

Activity	Timing
Spoil conveyor installation, tunnel boring machine assembly and tunnel segments delivery	February-April 2023
Surface earthworks, concrete formwork and piling, station box excavation, oversized plant and equipment deliveries	February-September 2023
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 and dust suppression
- Increased worker vehicle movements in and around the work site.

Equipment used:

Equipment includes but is not limited to barriers, drill and piling rigs, mobile cranes, tower crane, 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, 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, light vehicles, trailers, 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 site entry and exit for all construction vehicles.

Traffic changes:

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.

Contact us:

We invite your feedback on appropriate respite or mitigation measures that 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.

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

 **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

 If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 717 703**

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Work areas and haulage routes

