

Construction update – Aerotropolis

Station Boxes and Tunnelling

21 September 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 are completing the station boxes and tunnelling works for Sydney Metro – Western Sydney Airport.

Construction activities

Tunnelling contractor CPBG continues work over the next two months at the Aerotropolis site at 215 Badgerys Creek Road. 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.

Follow the tunnel boring machines progress at sydneymetro.info/journey-sydney-metro-western-sydney-airport-tunnel-boring-machines.

Out-of-hours work in October will include:

- Oversized plant and equipment deliveries, and excavated material removal, survey, formwork and utility adjustments
- Low noise impact work including station box and tunnel excavation, mesh installation, shotcreting and ground support installation up to **24 hours a day, seven days a week**
- Concrete pours and associated works up to **24 hours a day, seven days a week**
- Tunnelling work, including spoil removal and haulage, started in June and will continue **24 hours a day, seven days a week**.

Standard construction hours work in October will include:

- Ongoing site establishment and maintenance, reinstating internal roads, fencing, signage, temporary site utilities and environmental controls
- Site wide and station box excavation including earthworks, anchor installation, rock bolting and shotcreting



- Site wide concrete works, including installation of steel reinforcement and formwork for various structures
- Commissioning of a water treatment plant and dewatering of sediment basin
- Delivering and removing plant, equipment and excavated material with truck and trailers
- Construction of stub tunnels for potential future extensions of the Metro line
- Site photography using drone cameras above the construction site.

Out-of-hours work six-month lookahead:

Activity	Timing
Tunnel excavation	September 2023
Station box excavation, ground support installation, concrete formwork, oversized plant, and equipment deliveries, excavated material removal	September – October 2023
Tunnel lining works and waterproofing	September – October 2023

What to expect:

- Work activities will generate noise, vibration, dust, and potential light impacts at night. Mitigation measures will be in place to minimise these impacts including noise and vibration monitoring, noise blankets, respite periods, dust suppression and directing lights away from residential properties.
- Increased worker and vehicle movements in and around the work site.

Equipment used:

Includes (but is not limited to) drill rigs, mobile cranes, concrete pumps, bolting rig, shotcrete rig, excavators, roadheader and earthmoving equipment, drone cameras, pneumatic drills, mulchers, profiler, compactors, concrete agitators, concrete saws, chain saws, power generators, bobcats, articulated dump trucks, forklifts, telehandlers, compaction rammers, ride-on mowers, powered hand tools, traffic control, bollards, specialist survey vehicles and equipment, water carts, mist-sprayers, vacuum excavation vehicle, heavy vehicles, light vehicles and trailers, and lighting towers.



Changes to traffic, pedestrian and cyclist routes:

During the work, traffic control will be in place to assist motorists, pedestrians and cyclists with any changes to traffic conditions. This may include contraflow traffic flow and stop-slow traffic controls. The times of these changes will vary and are dependent on road authority approvals. Access to driveways and buildings will be maintained at all times. Residents will be separately notified if access to driveways will be affected or access to private property is requested.

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.

CPBG's Community Communications Strategy is available online at www.cpbcontractors.cc/SBTstrategy. Contact us to provide feedback on this plan.

Contact us



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



sydneymetrowsa@transport.nsw.gov.au



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



Access information in over 100 languages Download
Sydney Metro Connect from the
App store or get it on Google Play.



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**