

Construction update - Aerotropolis

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 Aerotropolis site at 215 Badgerys Creek Road 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 April and May will include:

- Oversized plant and equipment deliveries, excavated material removal, ground support installation, survey, formwork, utility adjustments and waterproofing
- Station box and tunnel excavation, ground support installation
- Concrete pours and associated works may occur **up to six days per week from Monday to Friday 6pm to 10pm and Saturday 1pm to 4pm**
- 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:

- Ongoing site establishment including maintenance, and installing internal roads, fencing, signage, site sheds, facilities, 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 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
- Construction of stub tunnels for proposed future extensions of the Metro line
- Safely removing hazardous materials, in line with SafeWork NSW and Environment Protection Authority guidelines, and Sydney Metro health and safety procedures
- Site photography using drone cameras above the construction site.

Out-of-hours work six-month lookahead:

Activity	Timing
Tunnel excavation	May-September 2023
Station box excavation, ground support installation, concrete formwork, oversized plant and equipment deliveries, excavated material removal	April-September 2023
Tunnel lining works and waterproofing	May-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 drill rigs, mobile cranes, concrete pumps, bolting rig, shotcrete rig, excavators 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.



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.

