

Construction update – Orchard Hills

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 Orchard Hills Station site 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 except between the hours of 10pm and 7am, survey, utility adjustments and concrete formwork
- Concrete pours and associated works will occur **up to six days per week from Monday to Friday 6pm to 10pm and Saturday 1pm to 4pm**
- Tunnel boring machine component assembly
- Station box and tunnel excavation, and ground support installation
- Low impact work in the station box will occur **24 hours a day, five days a week**
- Tunnelling work is planned to commence in June 2023 and will occur **24 hours a day, seven days a week**.

Standard construction hours work in June and July will include:

- Ongoing site establishment including fencing, hoarding artwork installation, excavating to level site, stockpiling materials, road repairs, maintaining vegetation, installing temporary site utilities and environmental controls
- Site-wide and station box excavation including earthworks, anchor installation, rock bolting and shotcreting
- Excavating and placing of concrete piles with piling rigs, and capping beam construction
- Site wide concrete works, including formwork, for various structures
- Tunnel boring machine assembly and tunnel segment deliveries
- Construction of a spoil storage shed and conveyor structures, and commissioning of a water treatment plant
- Installing tunnel dive structure drainage
- Delivering and removing plant and equipment
- Ongoing well monitoring
- Service locating and pre-construction surveys of roads and other infrastructure
- 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 boring machine assembly	June-August 2023
Ground support installation, concrete pours and formwork, survey and utility adjustments	June -September 2023
Tunnel and station box excavation	June-December 2023

What to expect:

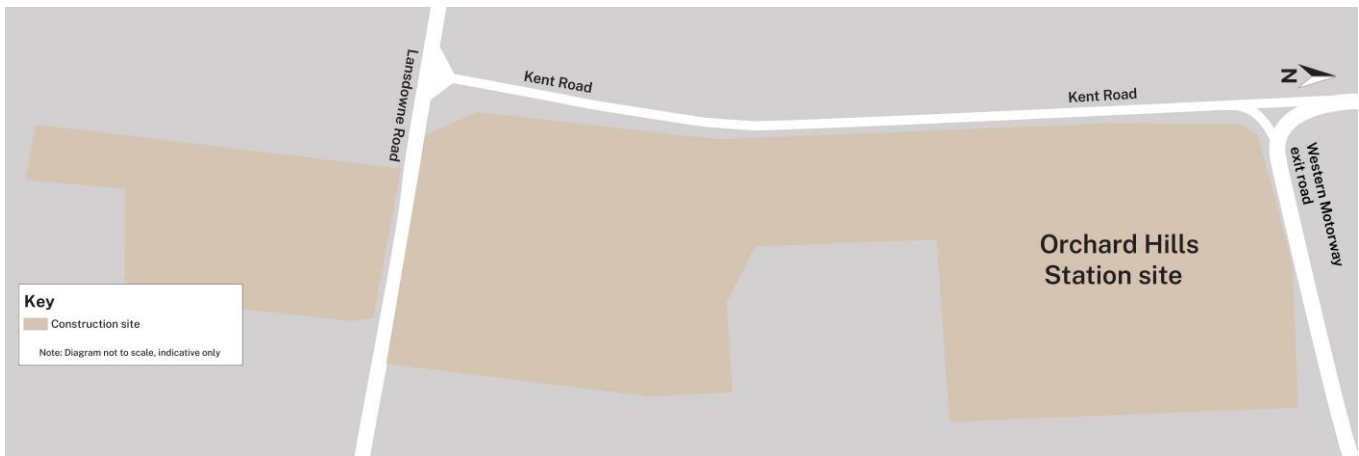
- Work activities will generate noise, vibration, dust and potential light impacts at night. Mitigation measures will be in place to minimise these impacts including noise and vibration monitoring, using noise blankets, respite periods, dust suppression and directing lights away from residential properties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

Equipment used:

Equipment includes but is not limited to traffic management devices, drone cameras, vacuum excavation vehicle, excavators, heavy vehicles and trailers, ride-on mower, drilling rig, profiler, asphalt roller, concrete agitators, water carts, mist-sprayers, pneumatic drills, concrete saws, mobile cranes, bobcats, chain saws, telehandler, power generators, compaction rammers, mulchers, light vehicles, specialist survey vehicles and survey equipment, spoil trucks, earthworks equipment, concrete pumps, piling rigs, bolting rig, shotcrete rig, tower crane, lighting towers, tunnel boring machine components and tunnel segments.

Changes to traffic, pedestrian and cyclist routes:

During standard work, traffic controllers and signage will be in place to assist motorists, pedestrians and cyclists safely around work areas. Traffic changes will include contraflow traffic flow and stop-slow traffic controls. The times of these changes will vary and are dependent on road authority approvals. Property owners will be separately notified if access to driveways will be affected or access to private property is requested.



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, Michelle 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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