

Notification – Airport Business Park and Airport Terminal Metro Stations

Sydney Metro is Australia’s biggest transport project.

September 2024

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 new 23-kilometre metro railway will connect Bradfield city centre 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 delivering the Station Boxes and Tunnelling (SBT) works and Parklife Metro consortium are delivering the Stations, Systems, Trains, Operations and Maintenance (SSTOM) works.

See the list below for the work activities at Airport Business Park and Airport Terminal Stations during September. See map below for the work locations.

Station Boxes and Tunnelling works include:

- cross-passages construction and tunnel maintenance
- dewatering of sediment basin and water transfer off-site
- delivering and removing plant, equipment water and excavated material with truck and trailers
- spoil transfer, crane operations and maintenance
- shaft concrete works for permanent structures
- safely removing hazardous materials, in line with SafeWork NSW and Environment Protection Authority guidelines, and Sydney Metro health and safety procedures
- survey and site photography using drone cameras above the construction site.

Stations, Systems, Trains, Operations and Maintenance works include:

Airport Terminal and Airport Business Park station works:

- ongoing deliveries of machinery, materials, and equipment
- earthworks, including excavations, compacting, and material deliveries and removal from site
- tower crane operations at the Airport Terminal site
- tower cranes to be installed at the Airport Business Park, including excavations and concrete pours for the tower crane bases, and deliveries of tower crane components
- excavations, waterproofing, piling, formwork, steel fixing, and concrete pours for piling works and to construct the base of the station and supporting structures, and drainage pits.
- site establishment at the Luddenham Road compound to prepare to commence Linewide works from Luddenham Road south, to Airport Business Park
- site photography, including using drone camera above construction sites.

Linewide works:

Parklife Metro will continue site establishment activities in preparation for Linewide rail track installation works, between Luddenham Road and the portal dive site (PDS) at Airport Business Park. Works will include:

- ongoing deliveries of materials, machinery and equipment to the Portal Dive Site compound and Luddenham Road site compound areas
- site establishment activities at the Luddenham Road site compound area, including installation of site sheds and worker facilities, stockpile areas, crane pads and stairs from the ground to the viaduct
- installing environmental controls across the Linewide alignment.



Out-of-hours works include:

- ongoing deliveries of over-sized equipment, machinery and materials
- steel fixing, formwork, waterproofing, concrete pours, and dewatering
- installation of an internal pedestrian bridge over Airport Access Road
- activities associated with tunnelling and spoil removal haulage **24 hours a day, 7 days per week.**

Impacted surrounding residents and businesses will be notified in advance of any out-of-hours work.

Work hours

Activities associated with tunnelling and the Sydney Metro stations will operate **24 hours a day, 7 days per week.**

Some work will also be required to take place outside standard construction hours to minimise traffic impacts or to ensure the safety of pedestrians, motorists, and our workers. Out-of-hours work activities will be carried out in line with the project Environmental Protection Licence, Road Occupancy Licences, and Transport for NSW requirements.

What to expect

- there may be some noise associated with the work, but we will try to minimise this as much as possible.
- strict safety and environmental controls will be in place for all work.
- vehicles will be parked within the construction site.

Equipment used

Equipment used for this work includes but is not limited to trucks, trailers, light vehicles, watercarts, telehandlers, vacuum trucks, rollers, concrete trucks, concrete pumps, saw cutters, excavators, rock hammers, powered hand tools, lighting, cranes, elevated work platforms and drill rigs.

Changes to traffic, pedestrian and cyclist routes

During these works, traffic control will be in place to assist motorists, pedestrians and cyclists with any changes to traffic conditions. This may include contraflow 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.

Three monthly out-of-hours lookahead

Activity	Equipment	Work hours	Timing
SBT works			
Surface earthworks, oversized plant equipment deliveries	Mobile cranes, shotcrete rig, shotcrete pump, earthmoving equipment, vacuum excavation vehicle, heavy vehicles, forklifts, telehandlers, drone cameras, lighting towers, compact rammers, powered hand tools, pressure washer, water pump, water carts, traffic control devices. utility scanning, light vehicles.	24 hours a day, seven days a week	Ongoing – December 2024
Concrete formwork, concrete pours and shotcreting	Drill rigs, shotcrete rig, shotcrete pump, bolting rig excavators, concrete agitator, concrete pump, powered hand tools, survey equipment, light vehicles, forklifts, telehandlers, powered hand tools.	24 hours a day, seven days a week	Ongoing - December 2024
Cross passage	Drill rigs, bolting rig excavators, concrete agitator,	24 hours a	Ongoing –

support activities and concrete invert works	concrete pump, powered hand tools, survey equipment, light vehicles, forklifts, telehandlers, powered hand tools.	day, seven days a week	December 2024
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**Activities associated with tunnelling operate 24 hours a day, 7 days per week*

Activity	Equipment	Work hours	Timing
SSTOM works			
Oversized plant and equipment deliveries to the Airport Business Park and Airport Terminal sites	Traffic management, light and heavy vehicles, generators, lighting towers, tower cranes and mobile cranes	24 hours a day, seven days a week	Ongoing - December 2024
Concrete pours and finishing works for piling, station box base slab and walls at the Airport Business Park and Airport Terminal sites	Concrete pump, vibrators, concrete trucks, power floats, concrete screed, vibrators, hand tools, tower cranes, mobile cranes, generators, and lighting towers	24 hours a day, seven days a week	Ongoing - December 2024
Cross passage and concreting works in the tunnels	Drill rigs, bolting rig excavators, concrete agitator, concrete pump, powered hand tools, survey equipment, light vehicles, forklifts, telehandlers, powered hand tools.	24 hours a day, seven days a week	Ongoing - December 2024
Dewatering activities	Water treatment plant, water pumps, light vehicles, generators, and lighting towers	As required	Ongoing

**Activities associated with the Airport stations and line-wide works will operate 24 hours a day, 7 days per week*

Feedback

Detailed Noise and Vibration Impact Statements (DNVIS) have been prepared, including proposed mitigation measures based on noise modelling. Your feedback on appropriate respite periods or mitigation measures is encouraged.

If you would prefer to receive updates by email, please let us know via sydneymetrowsa@transport.nsw.gov.au and we will add you to the distribution list.

Thank you for your cooperation while we complete this essential work.



Sydney Metro has launched Sydney Metro Connect – a new way to stay informed.

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

For more information contact



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



sydneymetrowsa@transport.nsw.gov.au



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



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**.

Airport Business Park and Airport Terminal work locations

