

Construction update – Bringelly

Station Boxes and Tunnelling

23 November 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 (CPBG) are completing the station boxes and tunnelling works for Sydney Metro – Western Sydney Airport.

Construction and tunnelling activities

Tunnelling contractor CPBG continues work over the next two months at the Bringelly services facility site. 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 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.

Bringelly site will be closed from **Saturday 23 December 2023 to Monday 1 January**, reopening on **Tuesday 2 January 2024**. Regular security, environmental and safety monitoring of worksites will continue during this time.

Tunnelling works have commenced at the Airport Business Park Metro Station, progressing to Bringelly. This activity is occurring **24 hours a day, seven days a week**. Follow the tunnel boring machines progress at sydnymetro.info/journey-sydney-metro-western-sydney-airport-tunnel-boring-machines.

Out-of-hours work in December and January will include:

- Tunnel and cross-passage excavation will occur **24 hours a day, seven days a week**
- Concrete works, including installation of steel reinforcement, formwork and concrete lining to build the tunnel base slab and various structures, will occur **24 hours a day, seven days a week**
- Crane and water treatment plant operations will occur **24 hours a day, seven days a week**
- Oversized plant and equipment deliveries and excavated material removal will occur **24 hours a day, seven days a week**.



Standard construction hours work in December and January will include:

- Tunnel and cross-passage excavation
- Shaft excavation including earthworks, rock bolting and shotcreting
- Concrete works, including installation of steel reinforcement and formwork, to build the tunnel base slab and various structures
- Crane and water treatment plant operation, and dewatering of sediment basin
- Site facilities modifications
- Delivering and removing plant, equipment and excavated material with truck and trailers
- Site photography using drone camera above the construction site.

Out-of-hours work six-month lookahead:

Activity	Timing
Shaft excavation and ground support installation	December 2023 – May 2024
Concrete work, including installation of steel reinforcement and formwork	December 2023 – May 2024
Oversized plant and equipment deliveries, excavated material removal	December 2023 – May 2024
Tunnel and cross passage excavation and concrete lining	December 2023 – May 2023

What to expect:

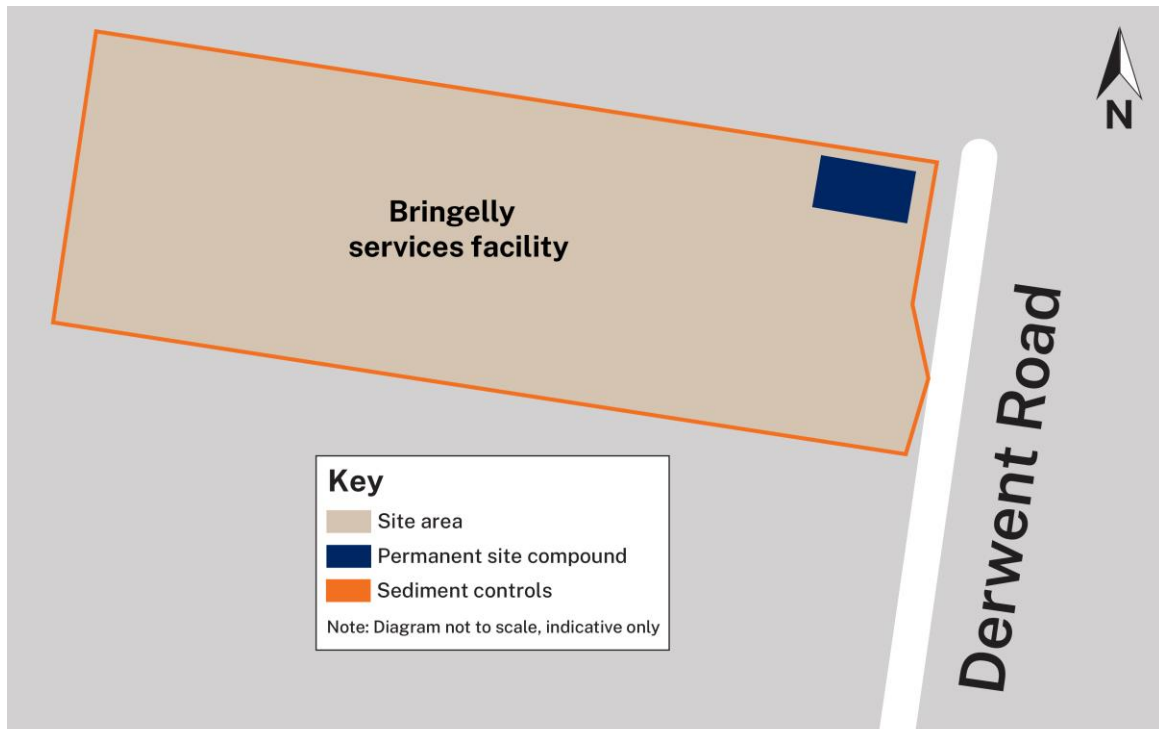
- Work activities will generate noise, vibration, and dust. Mitigation measures will be in place to minimise these impacts including noise and vibration monitoring, respite periods and dust suppression
- Worker and heavy vehicle movements in and around the work site.

Equipment used:

Includes (but is not limited to) drill rigs, bolting rig, mobile cranes, shotcrete rig, shotcrete pump, excavators and earthmoving equipment, concrete agitators, concrete pumps, vacuum excavation vehicle, heavy vehicles including articulated dump trucks, forklifts, telehandlers, drone cameras, lighting towers, compact rammers, powered hand tools, high pressure washer, water pump, water carts, traffic control devices utility scanning and survey equipment, and light vehicles.

Changes to traffic, pedestrian and cyclist routes:

During these works, traffic control will be in place to assist motorist, pedestrian, 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.

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

Contact us



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



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