

Project update – Barangaroo Station

October 2020

Sydney Metro is Australia’s biggest public transport project.

Services started in May 2019 in the city’s North West with a train every four minutes in the peak. Metro rail will be extended into the CBD and beyond to Bankstown in 2024. There will be new CBD metro railway stations at Martin Place, Pitt Street and Barangaroo and new metro platforms at Central.

In 2024, Sydney will have 31 metro railway stations and a 66 kilometre standalone metro railway system. There will be ultimate capacity for a metro train every two minutes in each direction under the Sydney city centre.

John Holland CPB Ghella (JHCPBG) is building the 15.5 kilometre long twin railway tunnels between Chatswood and Sydenham and excavating six new metro stations, including one at Barangaroo.

Barangaroo Station – upcoming work

Work is progressing to build the concourse level of Barangaroo Station. The concourse sits about 10 metres above the track level and is divided into three main areas (north, central and south). It is made up of 98 pre-cast concrete beams which range between 10.5 and 15 metres in length. Due to their shape and size, these oversized beams are delivered to site outside of standard construction hours when traffic volumes are lower. The beams are then lifted one by one from the surface into the underground station where they are installed next to each other to form the concourse. To date, 67 beams have been installed with the remaining expected to finish this month.

In the crossover cavern, work is ongoing to build the permanent structures that will house operational systems for the metro (also known as the plenum). Building the plenum involves tying steel, installing formwork and pouring concrete. This work will continue in October, including occasional out-of-hours deliveries of materials and equipment to the acoustic shed on Hickson Road.

The table below provides more information about construction hours and activities planned for October 2020, weather and site conditions permitting (see map overleaf).

| Location | 24/7 activities |
|--|---|
| Inside acoustic shed – Hickson Road | <ul style="list-style-type: none"> Deliveries of concrete, materials, machinery and equipment |
| Crossover cavern - under Hickson and Dalgety roads | <ul style="list-style-type: none"> Waterproofing, tying steel and concreting activities |
| Barangaroo Station - Hickson Road (between Dalgety Road bridge and High Steps) | <ul style="list-style-type: none"> Deliveries of materials, plant and equipment Formwork, tying steel and concreting activities (4am to 10pm, Monday to Saturday) Installing concrete beams with tower crane (7am to 10pm, Monday to Friday) |
| Location | Activities during standard construction hours (Monday to Sunday, 7am–6pm) |
| Barangaroo Station - Hickson Road (between Dalgety Road bridge and High Steps) | <ul style="list-style-type: none"> Tower crane operations Formwork, tying steel and concreting activities |
| Nawi Cove and foreshore | <ul style="list-style-type: none"> Reinstatement work involving earth works, tying steel, installing drainage, concreting and landscaping |

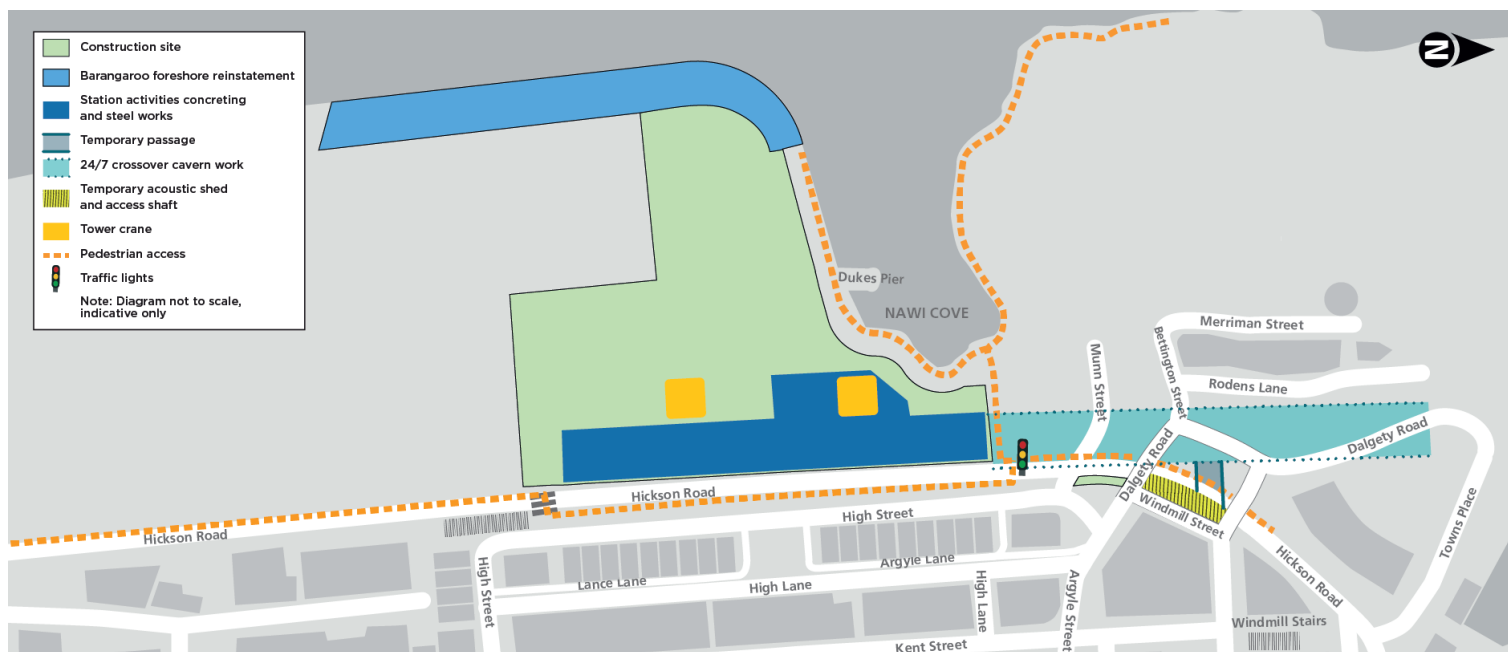
What to expect

- There will be intermittent periods of noisy work. If any high impact noise activities such as saw cutting and hammering are required at night, they will be carried out as early as possible and will cease before midnight.
- Non-tonal reversing beepers will be used and workers will be instructed to keep noise to a minimum.
- Temporary lighting may be used to ensure a safe work site and will be directed away from properties.
- There will be increased light vehicle and truck movements.
- Equipment used includes drills, tower cranes, vacuum excavation trucks, mobile cranes, elevated work platforms, remote-controlled trailers, concrete saws, grinders, concrete pumps, excavators and compactors.
- There will be temporary single lane closures on Hickson Road during out-of-hours work. Traffic control and directional signage will be in place for the safety of workers and the community.
- Access to the High Steps, Nawi Cove and Barangaroo Reserve will be maintained at all times.
- Access to properties will be maintained at all times.
- Permanent restoration of roads and footpaths affected by the works will be undertaken at the end of the project.





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

If you have any questions please contact the Community Relations Team on **1800 171 386** (24 hour community information line) or tunnels@transport.nsw.gov.au.

Barangaroo Station work area



SMCSWTSE-JCG-SBR-SH-NFS-030831

-  **1800 171 386** Community information line open 24 hours
-  tunnels@transport.nsw.gov.au
-  Sydney Metro City & Southwest, PO Box K659, Haymarket NSW 1240
-  If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**