

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 km 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.

Upcoming work – Barangaroo Station site

July will mark a key project milestone as specialised tunnel boring machine (TBM), Kathleen, prepares to build the twin metro tunnels under Sydney Harbour. The TBM will be launched from the northern end of the crossover cavern in early July and is expected to take up to three months to reach Blues Point. After completing the first tunnel, TBM Kathleen will be retrieved at Blues Point and barged back to Barangaroo to be reassembled and build the second tunnel.

The table below provides more information about construction hours and new 24/7 tunnelling support activities planned for July 2019, weather and site conditions permitting (see map overleaf).

Location	24/7 activities
Inside acoustic shed – Hickson Road	<ul style="list-style-type: none"> Using the gantry crane to load excavated material into storage containers and/or haulage trucks Deliveries of concrete, concrete tunnel lining segments, machinery and equipment
Crossover cavern - under Hickson and Dalgety roads	<ul style="list-style-type: none"> Excavation (south of acoustic shed) Moving excavated material from the crossover cavern to the surface stockpile, including managing the surface stockpiles Support rock bolting and concreting activities
Nawi Cove and Barangaroo foreshore	<ul style="list-style-type: none"> Deliveries of concrete tunnel segments Operation of separation plant and deliveries of concrete to grout plant Removing excavated material from the Hickson Road access shaft to the site foreshore area Barge operations (including loading barges)
Location	Activities during standard construction hours (Monday to Friday, 7am–6pm and Saturday, 8am–1pm)
Barangaroo Station - Hickson Road (between Dalgety Road bridge and High Steps)	<ul style="list-style-type: none"> Excavating the new Barangaroo Station Jet grouting and rock grouting Installing rock bolts and spraying concrete on the station walls
Location	Activities from 6pm – 5am Monday to Friday
Barangaroo Station - Hickson Road (between Dalgety Road bridge and High Steps)	<ul style="list-style-type: none"> Drilling ground supports (until 8pm) Installing ground supports (until 10pm) Concreting work, including deliveries (until 10pm) Crane lifting

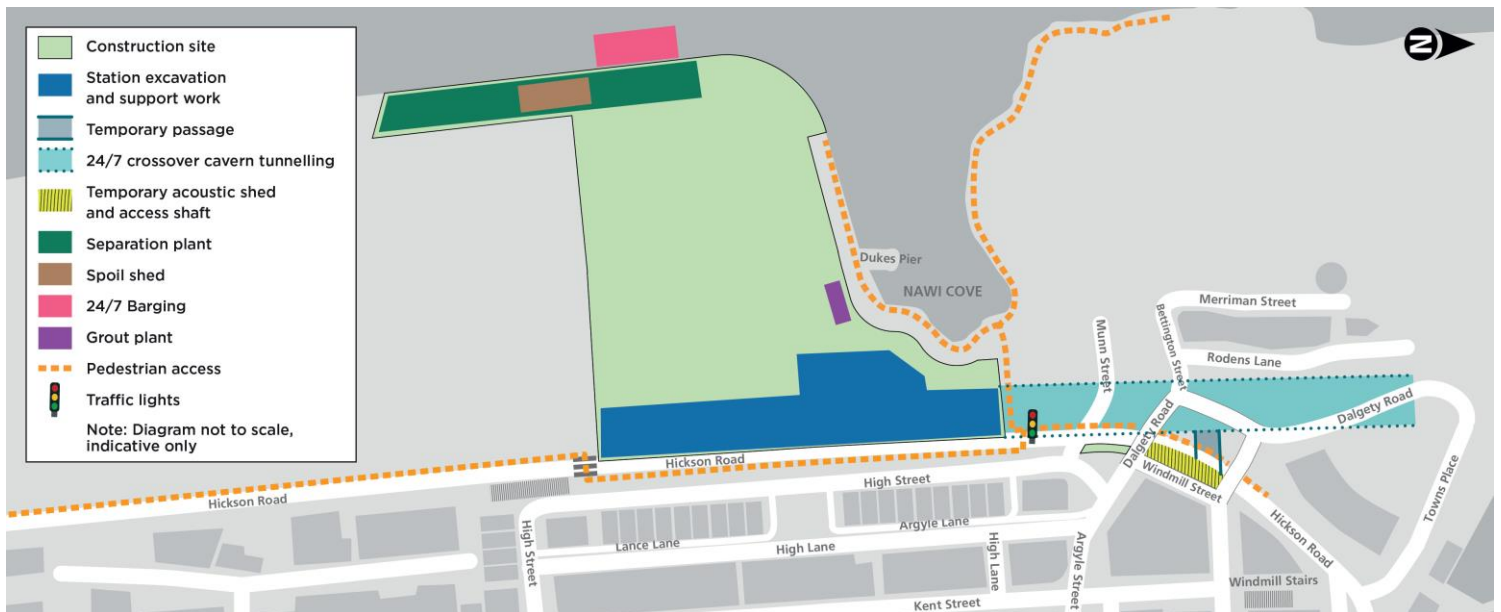
What to expect

- 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, vacuum excavation trucks, mobile cranes, elevated work platforms, concrete saws, concrete pumps, excavators, rock hammers 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-030608

