

Project update – Barangaroo Station

August 2023

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, with new CBD metro railway stations at Martin Place, Pitt Street and Barangaroo and new metro platforms at Central. By 2030, Sydney will have four metro lines, 46 stations, and 113km of new metro rail.

BESIX Watpac is building Barangaroo Station, including the station fit-out, associated landscaping and civil works, and the re-alignment of Hickson Road.

Systems Connect (an unincorporated joint venture between CPB Contractors and UGL Limited) is delivering line-wide work, which includes installing metro rail track, power systems, communications, and infrastructure to turn the excavated tunnels into a working railway between Chatswood and Sydenham.

The Trains, Systems, Operations & Maintenance (TSOM) group is delivering the communication and signalling systems, and the platform screen door installation.

Barangaroo Station – upcoming work

During August, out-of-hours work will continue to connect high-voltage infrastructure from Hickson Road to the Nawi Cove foreshore and to install utilities at the northern end of Hickson Road. Some of this work will take place out-of-hours and include the partial or full closure of Hickson Road between Barton Road and Windmill Street. **Detail of out-of-hours work has been provided via notification and will be included in our weekly e-news.**

At the surface level, work will continue to relocate existing services, install new utilities, and install pipework for the condenser water system and stormwater lines along the Nawi Cove foreshore in front of The Cutaway. Landscaping works will also continue in that location. The installation and fit-out of the lift and escalator entrance canopies will continue through August, as will work on the new Hickson Road alignment and fit-out of ventilation pods along the heritage wall there.

Underground, the team will continue to install critical services and fit-out plant rooms, as well as metal cladding, glass-reinforced concrete cladding and terrazzo flooring. Testing and commissioning of the train systems will continue in August, including dynamic testing of the trains through the tunnels.

For any prolonged noisy work, there will be respite periods on weekdays from 9.30am - 10.30am and 12.30pm - 1.30pm. On Saturdays, work will commence at 8am and end at either 1pm without respite periods or 6pm with respite periods in line with the weekday arrangements.

In addition to the respite hours, the team will use the available methods to reduce noise impacts on the local community. Noise reduction techniques include:

- limiting the use of multiple pieces of loud machinery at the same time and location, where feasible
- turning off equipment when not in use
- using non-tonal reversing alarms on all equipment
- installing temporary noise blankets around the noise source, where feasible
- and operating equipment on the lowest effective vibration setting, where feasible.

In the tunnels, Systems Connect and the TSOM group will continue with the tunnel fit-out, including testing and commissioning of electrical services and platform screen doors, and dynamic testing of the trains through the tunnels and delivery of plant, material, and equipment to the station site.

The table below provides more information about the activities, weather and site conditions permitting.

Location	Activities during standard construction hours
Hickson Road (between Windmill Street Bridge and High Steps)	<ul style="list-style-type: none"> • Utility works, including trenching, installation and backfill • Removal of the temporary water treatment plant • Installing water mains at the north of the site • Operating generators (24/7) for use during high-voltage power outage at the Cutaway • Constructing and installing new stormwater pits and pipes • Completing the construction of the secondary curved structures to the ventilation pods along the heritage wall • Fit out of the lift pod entrance canopy • Installation of the northern escalator entrance canopy • Delivering building materials and equipment for the station and tunnels • Continuation of work to construct the permanent Hickson Road alignment • Interface pavement works to connect the existing Hickson Road to the new road alignment. This work will temporarily close the High Steps between Hickson Road and High Street for up to three weeks. Full details will be provided by notification • Amendments to scaffold access into the station box and ventilation pods • Installation of new services under Hickson Road (includes intermittent single lane road closures. Traffic management will be in place)
Nawi Cove foreshore in front of The Cutaway	<ul style="list-style-type: none"> • Excavation work, including sheet piling (noisy) • Relocation of existing services and construction of new utilities • Installation of pipework for the condenser water system, including pits • Installation of stormwater lines and pits • Pedestrian footpath closure and detour have been in place since February and will remain in place for up to eight months (see map overleaf for details) • Reinstatement of the park area in front of the Cutaway, including landscaping
Inside the station box and cross-over cavern	<ul style="list-style-type: none"> • Installation of structural steel, station services and finishes • Installation of cladding finishes, including metal cladding, glass-reinforced concrete and terrazzo flooring • Installation of station signage • Fit out and testing of station equipment rooms • Installation of northern entry escalators (leading to ground level) • Fit out, commissioning and testing of escalators (leading to platform & ground level) • Fit out of public amenities in the paid concourse area • Fit out of staff amenities in the back of house • Commissioning of the tunnel ventilation fans connected to ventilation pods on Hickson Road

- Testing and commissioning activities of electrical services, including track, power and communications and signalling equipment and systems
- Testing and commissioning of the platform screen doors
- Dynamic train testing through the tunnels
- Installing cables, cable containment and equipment for the communications and signalling systems
- Installing equipment, cables and terminations through the station

Location

Out-of-hours work activities

Hickson Road (between Windmill Street Bridge and High Steps)

- Connecting high-voltage infrastructure from Hickson Road to Nawi Cove foreshore in front of the Cutaway. This work will take place under the full road closure established for other out-of-hours works. **Specific details on this work have been notified and will be provided in our weekly e-news**
- A partial footpath closure at Barangaroo Headland will be in place during work to reline the seawater cooling system pipework under the footpath. Whilst the work will take place during standard construction hours, the **partial footpath closure will be in place 24/7 between Monday 24 July and Saturday 12 August**. Pedestrian access will be maintained at all times. **Specific details on this work have been notified with the high-voltage works above and will be provided in our weekly e-news**
- Installation of utilities, including water, stormwater, low-voltage and gas at the northern end of Hickson Road. (The gas is for existing supply to the local area and not to supply the station). This work will include the closure of Hickson Road from Barton Street to the Windmill Street Bridge. **Specific details on this work will be notified and in our weekly e-news**
- **High Steps will be closed to pedestrians from 31 July to 20 August** due to interface work to connect the existing Hickson Road pavement to the new road alignment. The closure will be in place 24/7 with a detour via the steps next to the Bond Apartments on Hickson Road leading to Kent Street. **Specific details on this work will be notified and provided in our weekly e-news**

Location

Out-of-hours work activities

Inside the station box cross-over cavern *(24/7 access to the tunnels)*

- 24/7 access to the tunnels and delivery of building materials and equipment for the stations and tunnels
- Testing and commissioning for electrical services, including power, communications and signalling equipment and services, ventilation systems and dynamic train testing through the tunnels

Pedestrian access changes in front of the Cutaway

Work is continuing in front of the Cutaway to relocate existing services, including high-voltage infrastructure, and to install pipework for the condenser water system for Barangaroo Station. As part of this work, the construction area has been extended south, and footpath detours are in place.

No pedestrian access along the heritage wall during construction

Pedestrian access on Hickson Road along the heritage wall remains closed during the construction of Barangaroo Station. Alternative access is available via the High Steps (except for 31 July to 20 August), Wulugul Walk or Kent Street for those requiring an accessible route (via lifts from Hickson Road at Barangaroo to Kent Street, and lifts at Headland Park).

Barangaroo Station work area with pedestrian detours during standard construction hours



Thank you for your patience while we complete this essential work

If you are affected by our construction, and have any questions or complaints, please contact the BESIX Watpac Community Engagement Team on **1800 171 386** (24-hour community information line) or email barangaroometrostation@transport.nsw.gov.au. You can subscribe to receive this monthly notification and weekly updates by email at: www.sydneymetro.info/station/barangaroo-station



1800 171 386 Community information line open 24 hours



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If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**