

Project update – Barangaroo Station

July 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 July, work will continue to remove the acoustic shed from between the Dalgety Road and Windmill Street bridges on Hickson Road. Some of this work will take place out-of-hours and will include the closure of Hickson Road between Barton Road and the Windmill Street bridge; and staged pedestrian footpath closures and parking restrictions on Windmill Street. Other out-of-hours work planned in July is the connection of high voltage infrastructure from Hickson Road to the area in front of the Cutaway at Nawi Cove.

At 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 July, as will work to fit out the ventilation pods along the heritage wall on Hickson Road.

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

For any prolonged noisy works, there will be respite periods on weekdays from 9.30am - 10.30am and 12.30pm - 1.30pm. On Saturdays, work will commence from 8am, and will 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 to 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 Trains, Systems, Operations and Maintenance contractor (TSOM) will continue with the tunnel fit out, including testing and commissioning of electrical services, testing

and commissioning of the platform screen doors, 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 • Commissioning of the relocated water treatment plant and removal of the temporary water treatment plant • Installing water mains at the north of the site • Installing and operating generators (24/7) for use during high voltage power outage at the Cutaway • Connecting high voltage power supply from Hickson Road to the Cutaway • Constructing and installing new stormwater pits and pipes • Waterproofing the station box • Constructing 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 • Continue removal of the acoustic shed on Hickson Road between the bridges • Delivering building materials and equipment for the station and tunnels • Continuation of work to construct the permanent Hickson Road alignment • Amendments to scaffold access into the station box • Demolishing redundant temporary crane pads (at times noisy) • Installation of new services under Hickson Road (includes intermittent single lane road closures. Traffic management will be in place) • Removal of the tower crane from site.
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 • Pedestrian footpath closure and detour 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)
- Fit out of public amenities on paid concourse
- 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
- Installation of cables, cable containment and equipment for the communications and signalling systems
- Installation of cables and trackside equipment in the cross passages and tunnels
- Installation of equipment, cables and terminations through the station.

Location

Out-of-hours work activities

Hickson Road (between Windmill Street Bridge and High Steps)

- Removal of the acoustic shed on Hickson Road from **6pm to 5am, Monday to Fridays**. This work will involve a closure of Hickson Road from Barton Street to the Windmill Street bridge and intermittent footpath closures and restricted parking on Windmill Street. **Specific details on this work have been sent via notification and provided in our weekly e-news**
- Connection of high voltage infrastructure from Hickson Road to Nawi Cove foreshore in front of the Cutaway. This work will involve a closure of Hickson Road from Barton Street to the Windmill Street bridge and the foreshore footpath from Crown Towers to the Cutaway will be closed for up to six nights from **6pm to 5am in mid to late July**. The dates are subject to approval by Ausgrid. **Specific details on this work will be sent via notification 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
- Installation of structural steel, station services and finishes
- 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 construction of the Barangaroo Station. Alternative access is available via the High Steps or via Wulugul Walk or via 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 barangaroostation@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
-  **sydneymetro@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**