

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 underground at Martin Place, Pitt Street and Barangaroo and new metro platforms under 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 Joint Venture (JHCPBG) has been awarded the \$2.81 billion contract to build the twin railway tunnels from Chatswood to Sydenham and excavate six new Sydney Metro stations.

Work update – Victoria Cross Station sites

Wendy, the first of the two tunnel boring machines (TBMs) coming from Chatswood, broke into the station cavern at Victoria Cross north on 26 August 2019. TBM Mabel is expected to reach the north site in coming weeks. Both TBMs will be manually pulled across the station cavern under Miller Street to the south site.

Over the next two months both TBMs will relaunch from the south site to complete their journey to Blues Point. You can follow the progress of both TBMs at <http://www.sydneymetro.info/tunnelling>.

The other major focus at the Victoria Cross Station sites is completing excavation. The acoustic shed at the south site will be removed to access the remaining sections of the shaft that need to be excavated.

An indicative schedule of work during standard construction hours for September and October 2019 is below. Standard construction hours are **Monday to Friday between 7am and 6pm and Saturday between 8am and 1pm**.

Location	Work in September/October 2019
Around the sites	<ul style="list-style-type: none"> Delivering and removing plant and equipment and excavated material from both sites
Victoria Cross Station South site	<p>Work may include but is not limited to:</p> <ul style="list-style-type: none"> Installing temporary hoarding around the site perimeter* Installing scaffolding around the shed Removing the acoustic shed, using mainly hand tools including rattle guns Removing the acoustic shed by using a crane to lift shed sections to the ground, cutting sections into smaller pieces with an excavator and removing them from site on trucks Excavating the south shaft using a combination of saw cutting, drilling, excavation and rock hammering <ul style="list-style-type: none"> This work will continue for around one year and involve high impact hammering work Respite from high impact activities, such as hammering, will be taken between 11:30am and 2:00pm on weekdays and after three hours of work on Saturdays Installing rock anchors, bolts, mesh and spraying concrete on exposed walls as required Reinstating footpaths and pavements around the site.
Victoria Cross Station North site	<p>Work may include but is not limited to:</p> <ul style="list-style-type: none"> Completing excavation of the lift access shaft using a combination of saw cutting, drilling, road header excavation and rock hammering Installing the permanent lining in the pedestrian tunnel that links to the north shaft under 237 Miller St* Installing rock anchors, bolts, mesh and spraying concrete on exposed walls as required Delivering and pouring concrete*

*These activities may also be done out-of-hours. Please see further information overleaf

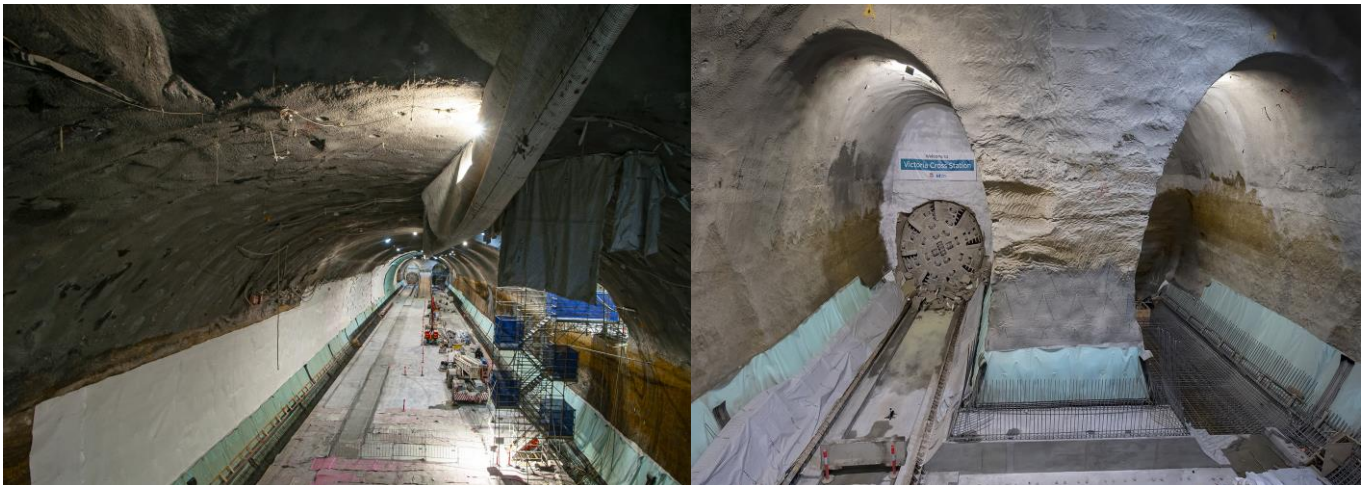
Upcoming out-of-hours work - Victoria Cross Station sites

As well as ongoing deliveries and removal of oversized plant and equipment, some additional out-of-hours activities are also planned for September-October 2019. Please see indicative schedule below.

Dates and time	Location	Works
Throughout September and October	<ul style="list-style-type: none"> Station cavern under Miller St 	<ul style="list-style-type: none"> 24/7 Tunnelling support activities to prepare TBMs for relaunch including concrete pours for cavern lining
Throughout October	<ul style="list-style-type: none"> Victoria Cross Station North site 	<ul style="list-style-type: none"> 24/7 installation of permanent lining in the pedestrian tunnel including concrete pours
Weeks beginning Monday 23 September and Monday 7 October (3 nights per week, 8pm-5am)	<ul style="list-style-type: none"> Miller Street, Berry Street, Denison Street 	<ul style="list-style-type: none"> Installing hoarding around the site perimeter

What to expect - Out-of-hours work

- Temporary traffic, parking and pedestrian changes including footpath and parking lane closures around the site during hoarding installation. Traffic control and directional signage will be in place for the safety of workers and the community.
- Due to the nature of the works, some activities will be noisy. The project team will limit these impacts wherever possible by using non-tonal reversing beepers, turning off equipment and vehicles when not in use, and directing lights away from residences where possible and completing noisier activities prior to midnight.
- Access to buildings and driveways will always be maintained.



The images above show the view from south to north in the 270 metre long station cavern under Miller St (left) and (right) TBM Wendy breaking through into the station cavern.

If you would like to receive email updates confirming dates, locations and details of evening and night activities please register your details by sending contact details including your name, address, email and phone number to tunnels@transport.nsw.gov.au.

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