

Tunnelling Work Notification

1 October 2024

Sydney Metro is Australia's biggest public transport project.

The NSW Government is delivering Sydney Metro West – a new underground metro railway which will double rail capacity between Parramatta and the Sydney CBD, link new communities to rail services and support employment growth and housing supply.

John Holland CPB Contractors Ghella Joint Venture (JCG) has been awarded the contract to deliver 3.5 kilometres of twin metro rail tunnels between The Bays and Hunter Street and excavate the Pyrmont and Hunter Street metro stations.

Tunnelling in your area: Johnstons Bay and Pyrmont

Two Tunnel Boring Machines (TBMs) will be used to excavate the twin metro rail tunnels between The Bays in Rozelle and Hunter Street CBD. These TBMs will travel beneath or near your property to build the tunnels for Sydney Metro West. Tunnels in this area are between 34 to 45 meters below ground.

The first TBM commenced excavation from The Bays construction site in June 2024. This machine is expected to pass under or near your property in the next one to four weeks and is expected to progress at an average rate of 80 meters per week.

A second TBM is currently expected to commence excavation from The Bays construction site later in the year. After the TBMs have passed, cross passages will be excavated at regular intervals between the rail tunnels. Cross passages are an important safety feature connecting the twin tunnels allowing people to move between them in case of an emergency. The second TBM and cross passage excavation work in your area is expected in early 2025. We will provide an update ahead of this work happening.

Stay up to date

Sign up to TBM tunnelling e-updates and stay informed on the latest tunnelling progress by emailing your request to:

MetroTunnelsJCGJV@transport.nsw.gov.au

You can track the progress of the TBMs tunnelling journey at:

<https://www.sydneymetro.info/sydney-metro/journey-sydney-metro-west-tunnel-boring-machines>.

Tunnelling work activities

- Excavating rock and installing the permanent lining of the tunnel
- Excavated TBM material is mixed with fluid to create a slurry which is pumped back through the tunnel in pipes to The Bays site to be treated.
- Tunnelling support will be provided by The Bays station site including storage of excavated material, slurry treatment to separate the water from the excavated material and water treatment.
- Excavated material will be removed via trucks from The Bays station site.

Work Hours

- Tunnelling work will occur 24 hours a day, 7 days per week.

What to expect

- Some vibration and ground borne noise may be experienced for up to one week as the TBMs travel beneath or near your property.
- The noise is less noticeable during the day when traffic, household or office noise levels are higher.
- You may notice tunnelling surveyors taking readings from ground monitoring devices previously installed, located on roadways, footpaths and buildings in your area.



Tunnelling in your area



Contact us



24-hour Project Infoline **1800 612 173**



MetroTunnelsJCGJV@transport.nsw.gov.au



Sydney Metro West, PO Box K659, Haymarket, NSW 1240



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