

Tunnelling Work Notification

19 March 2025

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 work in your area: Quarry Master Drive to Pyrmont Station

Two Tunnel Boring Machines (TBMs) are being used to excavate the twin metro rail tunnels between The Bays in Rozelle and Hunter Street CBD.

Our second TBM, named Ruby is expected to tunnel under or near your property over the next one to four weeks to build the second metro rail tunnel, travelling at an average rate of 80 metres per week. Tunnels in this area are between 22 to 36 metres below the ground.

We will also commence construction of a cross passage between the rail tunnels under Saunders Street.

Cross passages are an important safety feature connecting the twin tunnels allowing people to move between them in case of an emergency.

We will provide updates about cross passage construction as this work progresses over the coming months.

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, installing the permanent lining of the tunnel and concrete work.
- 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.
- Cross passage construction activities will include drilling and grouting ahead of cross passage excavation work
- 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 seven days as the TBMs travel beneath or near your property or during cross passage construction activities.
- 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**



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