



Tunnel boring machines (TBMs) Ruby and Jessie successfully broke through into the Pyrmont cavern in August.

TBM tunnelling reaches new milestone

The NSW Government is delivering Sydney Metro West – a new underground metro railway which will double rail capacity between Parramatta and the Sydney CBD, transforming Sydney for generations to come.

This once-in-a-century infrastructure investment will provide fast, reliable turn-up-and-go metro services with fully accessible stations, link new communities to rail services and support employment growth and housing supply.

Stations have been confirmed at Westmead, Parramatta, Sydney Olympic Park, North Strathfield, Burwood North, Five Dock, The Bays, Pyrmont and Hunter Street in the Sydney CBD. Sydney Metro West will target an opening date of 2032.

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. This work is part of the Eastern Tunnelling Package (ETP) for Sydney Metro West.

The Central Tunnelling Package (CTP) completed demobilisation works at The Bays in March 2025, handing part of the site to Sydney Metro. Maintenance of the station box is ongoing.

The Bays tunnelling activities

The Bays Station site is continuing to work as a 24/7 tunnelling support site for ETP.

TBMs Ruby and Jessie broke through and traversed the Pyrmont Station cavern in August 2025, before being relaunched at the opposite end in September 2025. The machines are now tunnelling under Darling Harbour alongside the iconic Pyrmont Bridge and Australian National Maritime Museum, heading towards Hunter Street in the heart of the CBD.

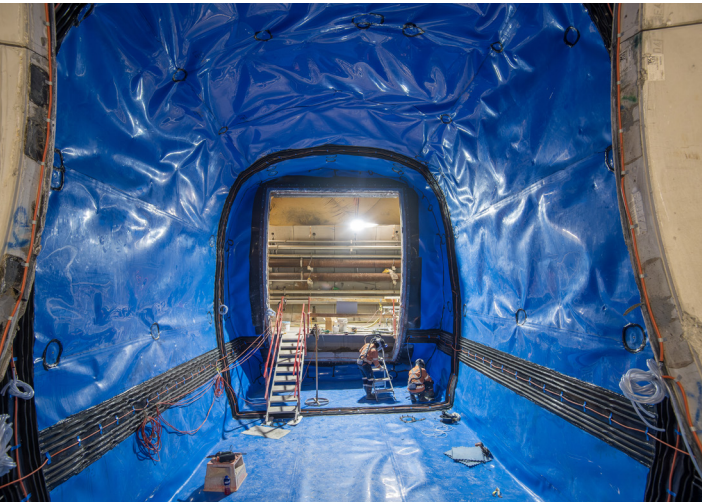
Mixed shield TBMs use slurry technology to balance the pressure inside and outside of the machine as it moves through different ground conditions. Compressed air is used within the cutterhead as part of excavation and maintenance processes.

Six-month construction lookahead

Activity (subject to change)	Nov	Dec	Jan	Feb	Mar	Apr
TBM tunnelling activities	●●	●●	●●	●●		
Oversized equipment deliveries	●●	●●	●●	●●	●●	●●
Cross passage tunnelling activities	●●	●●	●●	●●	●●	●●
Demobilisation of east-bound tunnelling facilities			●●	●●	●●	●●
Construction activity ● Some out-of-hours work required ●						

TBM tunnelling update

TBM Ruby and Jessie have begun their tunnelling journey towards Hunter Street, while cross passage works continue behind them. Between The Bays and Hunter Street there are a total of 12 cross passages. The six between Rozelle and Pyrmont are undergoing the final stages of waterproofing and concreting activities. Two cross passages are located in Pyrmont near the Australian National Maritime Museum, with excavation works for these now underway.



A cross passage is a connection between the two main tunnels, located about every 150-200m along the tunnel alignment, to allow people to move from one tunnel to another in case of an emergency.



Follow the journey of the Sydney Metro West TBMs by scanning the QR code

Our community teams

JCG has a team committed to working with the community as it delivers the project. Please contact the JCG community team on 1800 612 173 if you have any questions or would like to provide feedback about the ETP works at The Bays. We will continue to keep you updated on the progress of work in your area.

Work hours

Tunnelling and support activities will occur 24 hours per day, seven days a week. Standard construction hours for the site are Monday to Friday from 7am to 6pm and Saturdays from 8am to 6pm, however some work will occur outside these hours. A notification will be provided for any expected out-of-hours work impacts.

Sydney Metro Connect - another way to stay informed

Download Sydney Metro Connect onto your smart device to stay informed about current work, project milestones and receive notifications for upcoming work in your area – all in one place. Sydney Metro Connect is available from the App Store or Google Play.

Weekly email updates

Weekly email updates provide the latest information about upcoming work. If you'd like to receive these email updates, please send a request to **MetroTunnelsJCGJV@transport.nsw.gov.au** and we will add you to the distribution list.

Contact us

If you have any questions or would like more information please contact our project team:

1800 612 173 Community infoline open 24 hours
MetroTunnelsJCGJV@transport.nsw.gov.au
Sydney Metro West
PO Box K659, Haymarket NSW 1240



Translating and interpreting service

If you need help understanding this information, please contact the Translating and Interpreting Service on 131 450 and ask them to call us on 1800 612 173.



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