



The complex removal of TBM Ruby's 90-tonne cutterhead at Hunter Street marked a significant achievement for the project.

# Tunnelling complete after Hunter Street breakthrough

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.

## Hunter Street construction activities

Work is continuing underground and on the surface at the Sydney Metro Hunter Street Station. Permanent concrete lining is being installed in the station cavern, which will house the metro platforms, and turnback tunnels, and will allow trains to turn around and return to Westmead. This includes waterproofing, steel reinforcement and pouring concrete to provide permanent support for the tunnel.

Excavation is continuing in the Hunter Street East and Hunter Street West shafts where two over station developments will be constructed. Following the breakthrough of tunnel boring machine (TBM) Jessie in February 2026, tunnelling for the Sydney Metro West project has been completed. TBM Ruby has now been fully demobilised, while final works are underway to remove TBM Jessie from site through the CBD via the Hunter Street East shaft.

# Construction update

## Shaft excavation

Excavation of the Hunter Street East shaft has progressed in two stages, ensuring underground access could be maintained to support tunnelling activities. Excavation on the southern side of the Hunter Street East shaft was completed late last year, with this area currently being used as the primary underground access point for the station cavern and turnback tunnels. On the northern side of the site, excavation activities are underway and will continue over the next five months. In the Hunter Street West shaft, excavation is more than 80% complete.



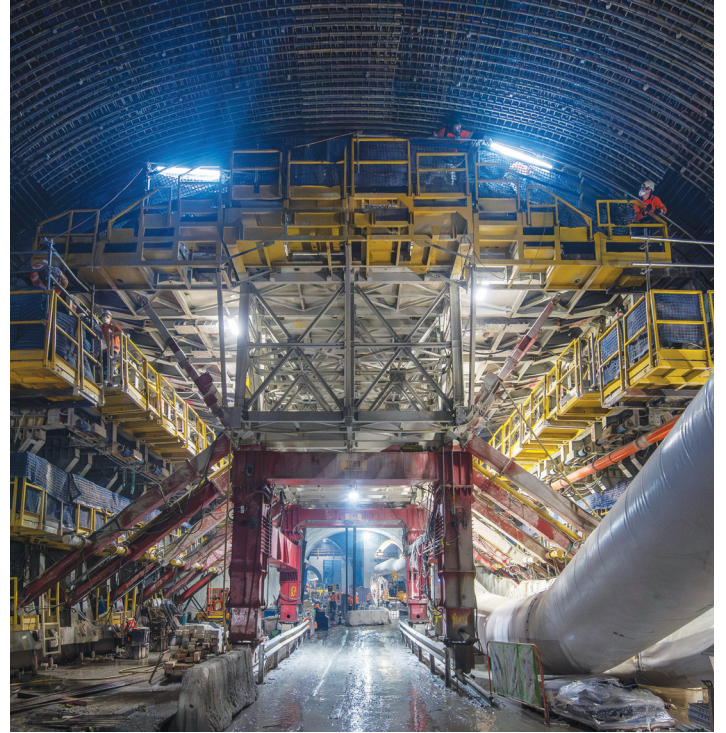
Excavation in the Hunter Street West shaft.



Excavation of the second stage of Hunter Street East is underway.

## Underground activities

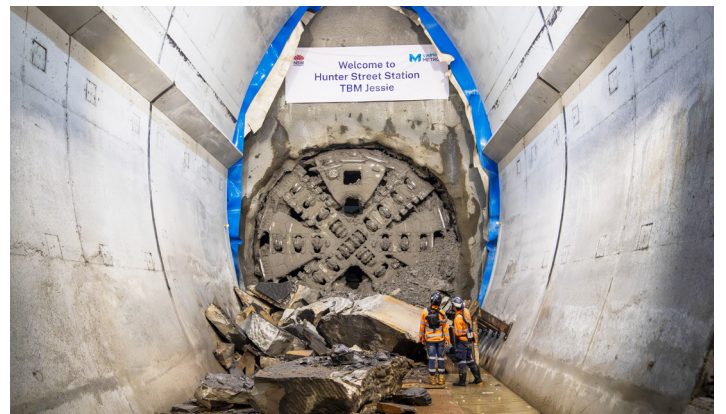
Permanent lining works are ongoing in the Hunter Street Station cavern and turnback tunnels. More than 85% of the reinforcement steel has been installed, while concrete pours are continuing in all areas to provide the permanent support to meet the tunnels' design life.



Concrete lining works are moving ahead in the turnback tunnels.

## TBM breakthroughs

TBMs Ruby and Jessie tunnelled 2.3 kilometres from The Bays Station to Hunter Street Station, via Pyrmont Station. Their journey included crossing beneath Johnston Bay and Darling Harbour, to reach their final destination. TBM Ruby arrived at Hunter Street in late 2025, followed by TBM Jessie in February 2026. These were the final two breakthroughs for the Sydney Metro West project, marking the completion of tunnelling along the 24-kilometre alignment, with Westmead now connected to the Sydney CBD via the twin metro tunnels.



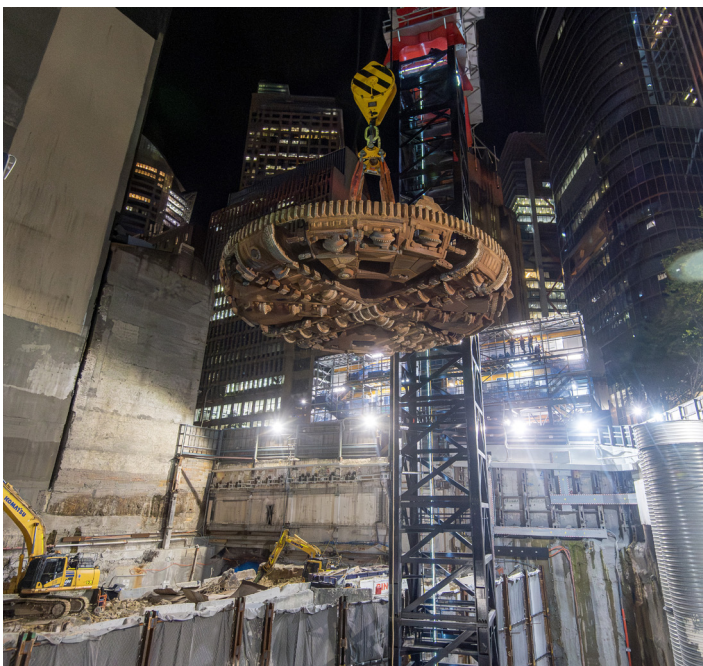
TBM Jessie arrived at Hunter Street earlier this year, marking the completion of tunnelling on the Sydney Metro West line.

## TBM removal

The removal of the TBMs is a major logistical operation. Each TBM is disassembled into 16 pieces within the Hunter Street Station cavern, before being lifted out of the Hunter Street East shaft and placed onto a truck to be transported back to the manufacturer. This work is being carried out throughout the night to ensure minimal disruption as the machines are taken through the city streets.



An underground gantry crane and multi-service vehicle is used to transport pieces of the TBM through the station cavern to the Hunter Street East shaft.



TBM Ruby's cutterhead is removed via the Hunter Street East shaft using a tower crane.

## Hunter Street Station and Precinct

Lendlease has been awarded the contract to deliver Hunter Street Station and Hunter Street West over station development. Mirvac and Coombes Property Group will deliver the Hunter Street East over station development. JCG will hand our sites to Lendlease in late 2026, marking a major milestone for the project.



Artist impression – Hunter Street Station West entrance.

## Planning Update - Hunter Street Over Station Development (East)

Sydney Metro has lodged a modification with the Department of Planning Housing and Infrastructure (DPHI) proposing minor amendments to the approved concept building envelope for the planned over station development above the Hunter Street East site. This includes minor reconfiguration of the internal building core and minor changes to the upper podium and tower positioning within the site. The modification does not change the overall podium and tower height. Scan the QR code for more information.



# Six-month construction lookahead

Activity (subject to change)	May	Jun	Jul	Aug	Sep	Oct
TBM removal	●●	●●				
Tower crane demobilisation		●●				
Excavation of station shafts and ground support activities	●●●	●●●	●●●	●●●	●●●	●●●
Tunnel permanent concrete lining work	●●●	●●●	●●●	●●●	●●●	●●●
Utility and geotechnical investigations	●●●	●●●	●●●	●●●	●●●	●●●
Site surveys and monitoring work	●●●	●●●	●●●	●●●	●●●	●●●
Site demobilisation work				●●●	●●●	●●●

Hunter Street East ● Hunter Street West ● Some out of hours works required ●

## Our community team

JCG has a team committed to working with the community as it delivers the project. The team plays an active role in getting to know and understand the local community to ensure that impacts on residents and local businesses are minimised.

Please contact the JCG community team on **1800 612 173** or **MetroTunnelsJCGJV@transport.nsw.gov.au** if you have any questions, would like to provide feedback about the ETP works at Hunter Street, or to be added to the distribution list for weekly email updates. JCG will continue to keep you updated on the progress of work in your area.



Permanent concrete lining works continue in the station cavern.

## Work hours

Construction hours for the sites are **7am – 6pm Monday to Friday and 8am-6pm on Saturdays**. Tunnelling and support work is undertaken **24 hours per day, seven days per week**.

**JCG is permitted to undertake shaft excavation hammering activities at Hunter Street East and Hunter Street West for up to 9.75 hours per day, seven days per week between 7am-8pm.**

Mitigation measures are in place to ensure that the project's noise limit requirements are met.

JCG acknowledges that this work continues to have an impact on local residents and businesses, and thanks you for your patience and cooperation so far.

### 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.

## 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



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