



The Pymont crossover cavern is waterproofed before reinforcement is installed and concrete is poured.

Permanent lining underway in Pymont cavern

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, Pymont 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 Pymont and Hunter Street metro stations. This work is part of the Eastern Tunnelling Package (ETP) for Sydney Metro West.

Pymont construction activities

Work is continuing underground at the Pymont Station site to provide permanent support for the cavern and adits (pedestrian tunnels). Excavation of the station cavern and crossover cavern was completed in late 2025, allowing the cavern floor to be poured. Permanent lining works are now underway, including waterproofing, reinforcement and concrete lining of the cavern.

Construction update

Cavern and adit progress

The final stages of excavation in the Pymont cavern included the hammering and removal of material up to 2.7 metres deep to create the curved shape of the cavern floor, also known as the invert. This work progressed along the 168-metre station cavern, where the future metro platforms will be, and the 145-metre-long crossover cavern, where trains will be able to cross from one track to another.

Following excavation, a concrete blinding layer was applied to the invert, before a waterproofing membrane was installed. Prefabricated reinforcement cages were then set in place before concrete was poured to form the invert slabs. In total, 15,000m³ of concrete was poured. This is enough to fill five Olympic-sized swimming pools.



Steel reinforcement is installed prior to the permanent concrete lining.

The final waterproofing layers have been successfully installed around the cavern arch, while steel reinforcement bars are being fixed on top of the waterproofing to provide structural strength and durability.



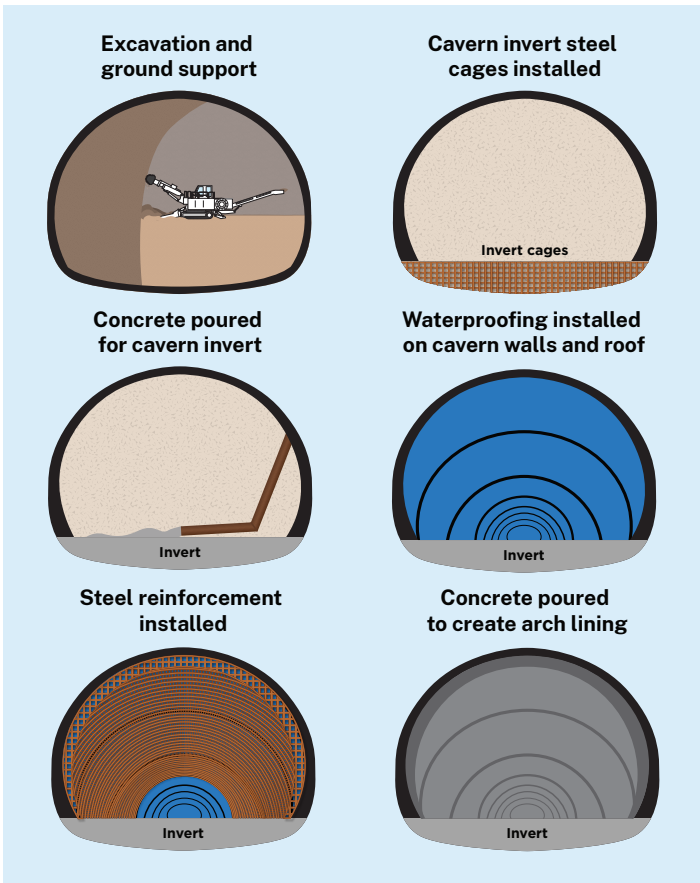
About 24,000m² of waterproofing membrane was used to complete the roof of the cavern.

A custom-designed formwork system has been assembled to shape the final permanent concrete lining of the cavern, including the roof and walls. Measuring an impressive 17.9 metres wide, 11.3 metres high, and weighing approximately 237 tonnes, the formwork is tailored precisely to the unique dimensions of the Pymont cavern. It is equipped with advanced hydraulic motors and cylinders, ensuring the formwork can be swiftly moved along the cavern as blocks of concrete are poured.

At Pymont West, formwork is currently being assembled to support the permanent concrete lining of the service adits. This will be the longest formwork structure assembled on the ETP project to date, measuring approximately 11.7 metres high, 14.3 metres wide and 18.9 metres long.



Part one of three formwork pieces in Pymont West.



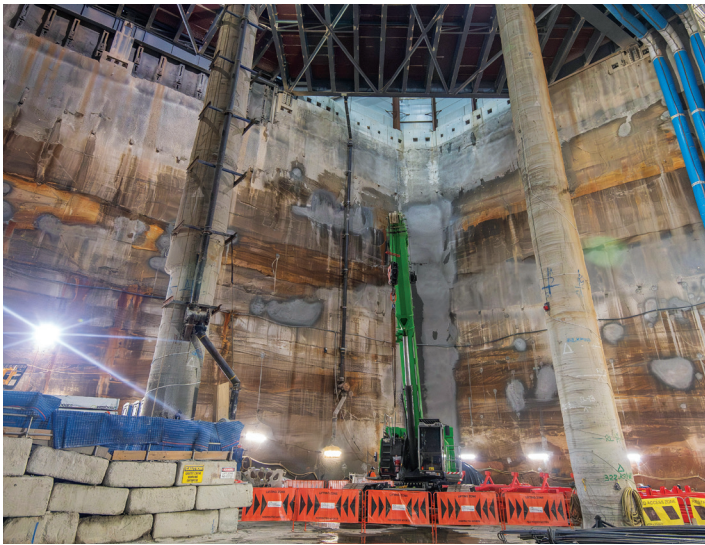
The cavern excavation and lining process.

Union Street closure

The City of Sydney will continue to restrict vehicle access on Union Street, between Edward Street and Pyrmont Bridge Road, to support the future construction of Pyrmont Station. Access for pedestrians and cyclists will be maintained.

Shaft excavation

The final stage of excavation in the Pyrmont West shaft will commence in mid-late 2026. The shaft was initially excavated down to the level of the adits, allowing the team to maintain access to this area. Once the permanent lining of the adits is complete, there will be around one metre of excavation remaining to get the shaft down to the required level.



The final stage of excavation of the Pyrmont West shaft will commence in the next few months.

TBM tunnelling

Tunnel boring machines (TBMs) Ruby and Jessie have successfully completed their 2.3 kilometre journey from The Bays Station to Hunter Street Station, marking the completion of tunnelling along the 24-kilometre Sydney Metro West alignment. TBM services have been removed from the Pyrmont cavern and there will be no further segment deliveries to the Pyrmont East site.



Inside the metro tunnels between Pyrmont Station and Hunter Street Station.

Cross passages

Excavation has been completed for all cross passages between The Bays and Hunter Street. These cross passages are an important safety feature, located about every 150-200 metres in the metro tunnels, to allow people to move between the tunnels in the unlikely event of an emergency.

At cross passage 5 (XP5), which is located near the Australian National Maritime Museum, and XP6, near Darling Drive, final fit out activities are underway.



A completed concrete lined cross passage between The Bays and Pyrmont.

Sydney Metro West Tunnel Walk

More than 1,200 community members attended a tunnel walk between The Bays Station and Pyrmont Station on Sunday 3 May. The event provided a rare, behind-the-scenes look at the scale and progress of the metro tunnels, allowing visitors to see firsthand the construction activities taking place beneath the surface.

If you are interested in attending similar Sydney Metro events, please visit www.sydneymetro.info/events-community-engagement



Community members walked through the metro tunnels, experiencing the scale of the project underground.

Six-month construction lookahead

Activity (subject to change)	May	Jun	Jul	Aug	Sep	Oct
Cavern and adits permanent concrete lining work	● ●	● ●	●	●	●	
Cross passage permanent concrete lining work	●					
Delivery and removal of equipment	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	
Excavation of Pymont West shaft			● ●	● ●		

Pymont East ● Pymont West ● Some out of hours works required ● Pymont ●

Work hours

Standard construction hours are **7am – 6pm, Monday to Friday and 8am – 6pm, Saturdays**. Tunnel support activities including spoil removal and deliveries will be conducted 24 hours, seven days a week. Out of hours work will be required and notified prior to work starting. JCG acknowledges that this work continues to have an impact on local residents and businesses, and thanks you for your patience and cooperation.

Pymont Station and Precinct

Sydney Metro is progressing through the tender process to select a contractor for construction of Pymont Station and the over station development. A shortlist of three consortia has been invited to tender for the Pymont Integrated Station Development contract, including:

- Gamuda Engineering, Gamuda (Australia) and Urban Property Group Australasia
- John Holland and Third.i Property
- Watpac Construction and Plenary Origination.

The chosen consortium will deliver the new station and a 31-storey building integrated development above Pymont East which will feature five levels of commercial and retail space, along with up to 160 new apartments.

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Our community team

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

Weekly email updates

If you would prefer to receive weekly progress updates by email, please send a request to **MetroTunnelsJCGJV@transport.nsw.gov.au** and we will add you to the distribution list.



Young visitors took the wheel of mini excavators at the recent Sydney Metro West open day.

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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