



Burwood North Station site demobilisation starts

October 2024

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.

Sydney Metro West 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.

Two potential station locations are being investigated west of Sydney Olympic Park, including one at Rosehill Gardens which could support a significant increase in housing.

Acciona Ferrovial Joint Venture (AFJV) has been awarded the contract to deliver 11 kilometres of twin metro rail tunnels between The Bays and Sydney Olympic Park and excavate five new metro stations including Burwood North Station.

Construction update

The two Central Tunnelling Package tunnel boring machines (TBMs), Beatrice and Daphne, have now completed their 11-kilometre twin tunnel excavation journey from The Bays Station site, arriving in Sydney Olympic Park in early October 2024.

At the Burwood North Station site, the crossover cavern has been excavated and cavern lining activities will continue until early 2025. A cross over cavern allows trains to change to the other track while services continue to run within the tunnels.

The team are now around half way through construction of the concrete structure that will house operational systems for the metro, known as the plenum.

Work is also continuing on the cavern and nozzle headwalls which complete the concrete support lining and waterproofing of the tunnel structure.

Other remaining activities include removal of spoil from cross passage excavation, concrete deliveries to support concrete invert works within the tunnel, removal of machinery and equipment, demolition of the shed structure and other site items and removal of the office block.



Tunnel between the Burwood North and North Strathfield station sites.

Plenum construction inside the crossover cavern.

Site demobilisation commences at Burwood North

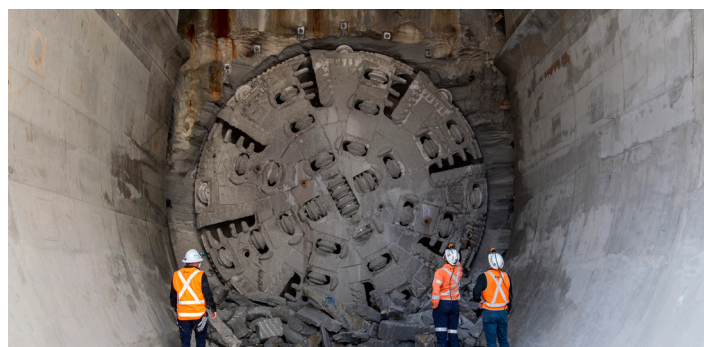
Demobilisation will be undertaken in stages starting with removal of the site offices on the northern construction site and then the foundations for office gantry (frame). A small site compound has been established on the southern construction site south of Parramatta Road, including some office space and required site facilities.

The grout plant will be removed from the acoustic shed and the foundation will be mechanically demolished using excavators.

The spoil shed wall and acoustic shed, including the foundation will be removed next. Work is currently underway to dismantle the TBM support infrastructure such as the conveyor belt and ventilation systems, and adjust the electrical systems to provide permanent power for the rail.

The gantry crane used to move equipment, spoil and concrete tunnel segments will then be dismantled and removed from site. The final stage will involve the removal of the pedestrian bridge over the station box and all remaining ground structures.

Truck movements in and out of site will be required to support these activities resulting in higher than normal truck activities for the following 6 months.



TBM Daphne at Burwood North Station site.

Construction look ahead	Nov	Dec	Jan	Feb	Mar	Apr
Plenum structure works	●	●	●			
Tunnelling support activities	●	●	●	●		
Site demobilisation activities	●	●	●	●	●	
Finalise site hoarding and fencing					●	
Site handover						●

Construction activity (subject to change) ●

The Central Tunnelling Package virtual engagement room for Sydney Metro West is now live.

To learn more about important aspects of the project visit caportal.com.au/afjv/ctp/virtual or scan the QR code.



Construction timeline

Late 2021	Early to late 2022	Late 2022 to late 2023	Late 2023 to mid-2024	Early to late 2024	We are here	→	2032
Site investigations	Site establishment and demolition	Shaft, station box and crossover cavern excavation	Waterproofing and lining work	Site transition to tunnelling	Site demobilisation and preparing for handover	Station development, and testing and commissioning	Sydney Metro West opens

Have your say

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

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