



Construction of the new Northern Concourse roof at Central Station nearing completion.

New look Northern Concourse

With major works on Central Station's Northern Concourse throughout 2020, customers will see a number of improvements early this year that link the upper and lower Northern Concourse. Two new lifts and all four escalators will open this year, along with new stairs and new tiling underway to concourse floors.

Sydney-made terrazzo tile was installed throughout the new, open Northern Concourse. During a five-day closure in December, a vast area was completed with the striking new finishes.

All sections of the new feature roof canopy have now been installed at Central Station, enabling natural light to filter through to the concourse below. At completion of the project, new curved columns will greet pedestrians from Eddy Avenue as they make their way down to the new North-South Concourse above the metro platforms.

Sydney Metro is Australia's biggest public transport project. Services started in May 2019 in the city's North West with a train every four minutes in the peak. Metro rail will be extended into the CBD and beyond to Bankstown in 2024. There will be new CBD metro railway stations at Martin Place, Pitt Street and Barangaroo and new metro platforms at Central.

In 2024, Sydney will have 31 metro railway stations and a 66km standalone metro railway system – the biggest urban rail project in Australian history. There will be ultimate capacity for a metro train every two minutes in each direction under the Sydney city centre.

Laing O'Rourke is delivering the new Sydney Metro platforms under Central Station as well as the landmark Central Walk – a new underground pedestrian concourse to help customers get around Sydney's busiest railway station.



Excavation underway within the metro box atrium.

Reaching new depths in the metro box

The metro box construction at Central Station is unique from other metro stations on the City & Southwest, as it is being built in a top-down sequence rather than the open cut dig being built from the bottom up.

The metro box team continues to excavate down 27 metres to the new metro tunnels, with the first section reaching the metro tunnels in December. The rest of the 230m length of the metro box will progressively be broken through into the tunnels over the coming months.

Throughout the rest of the metro box, a load transfer methodology was successfully completed, which will result in an open and column free space on the new metro platforms.



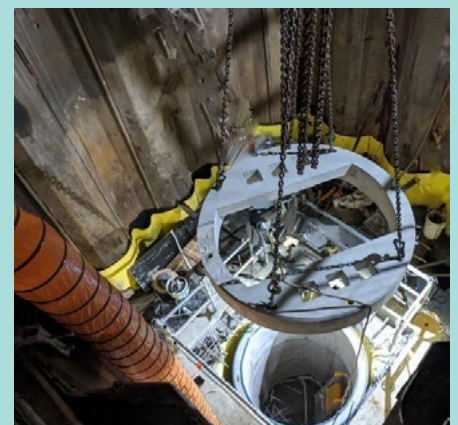
Artist's impression of the new metro station.

Railway Institute Driveway

To install the services required for the new Sydney Trains power and transformer rooms in the ghost platforms, works were undertaken to install a shaft in the Railway Institute Driveway, also known as Prince Alfred Sidings.

This shaft links the road surface to the existing 'ghost platforms', located approximately nine metres below.

With limited space for construction due to existing services and structures on all four sides and a busy train line to the west, the team adopted the use of offsite manufacturing to bring in precast concrete segments to construct the eight-metre deep structure.





Three-month lookahead

Activity (subject to change)	January	February	March
1 Excavating and constructing concrete slabs within the metro site	●	●	●
2 Excavating at 20-28 Chalmers Street	●	●	●
3 Excavating and concreting work within hoardings on Platforms 16-23 for Central Walk lifts and escalators works	●	●	●
4 Excavating for Central Walk	●	●	●
5 20-28 Chalmers Street breakthrough into Eastern Suburbs Railway (ESR) Concourse back of house area	●		
6 Central Walk breakthrough from west of the station to the Eastern Suburbs Railway Concourse.			●
7 Tiling in the Northern Concourse	●	●	●
8 Removing tower crane from site	●		
9 Services installation in the ESR and ghost platforms	●	●	●
10 Platform rellevelling works on Platforms 16-23 (during rail possession weekends)	●	●	●

Over the last two years, the Central Station Metro team has volunteered over **850 hours** in the community.



38,000 tonnes of rock will be removed to construct Central Walk, which is the equivalent of around six Olympic size swimming pools.



The painting team at Foster House.



Presents and gift cards donated to the Women's and Girls' Emergency Centre.

Many hands make light work

Late last year, volunteers from the Central Station Metro (CSM) team picked up paint brushes over three painting days organised at Salvation Army's Foster House in the run up to Christmas.

The paint crew of 40 volunteers spruced up the common areas at the shelter for homeless men in Surry Hills, continuing on from the work that CSM volunteers undertook in December 2019 on Level 2, and starting in new areas on Level 1. The bright blue feature paint and grey undertones were donated by Dulux and gave the previously cream walls a big lift.

The Salvation Army's Foster House provides accommodation for around 126 homeless men each night, as well as medical services, case management, counselling and recreational activities.

In the lead up to Christmas, our team also donated books, toys, art supplies, school bags and gift vouchers to families being supported by Women's and Girls' Emergency Centre (WAGEC) in Redfern.

Contact us



1800 171 386 Community information line open 24 hours



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If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**