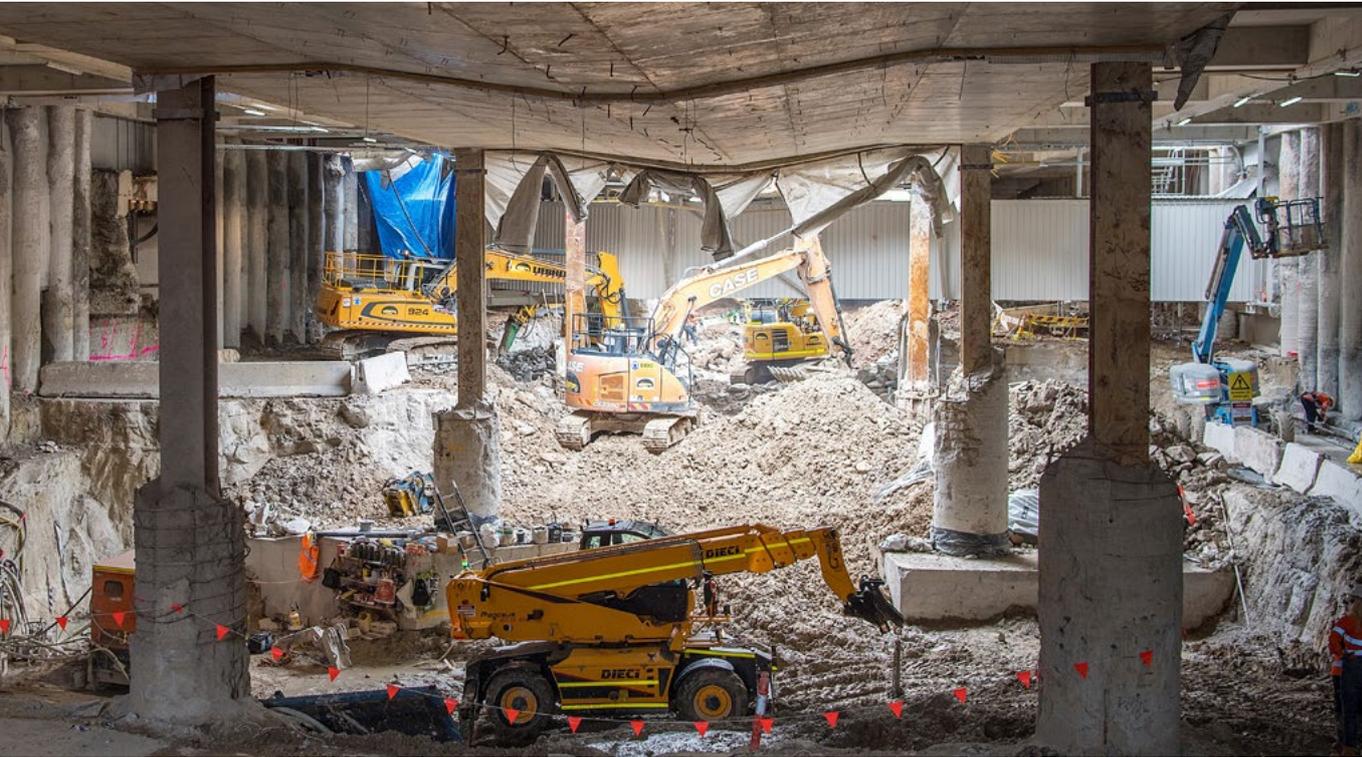


A look inside the metro box at Central Station

July 2020



Excavation works continue underground at Central Station

When completed, the new metro platforms at Central Station will be 12 metres wide and 150 metres long. Three sets of three escalators will provide customers with access from the metro platforms to the new North-South Concourse, Central Walk and rail services.

Work to build the new metro station box is now 12 metres beneath the surface, as workers head for its 27-metre final depth.

The metro box is taking shape, with 64 trucks recently delivering more than 520m³ of concrete to Central Station to pour a section of the new North-South Concourse slab, which is situated 10 metres underground.

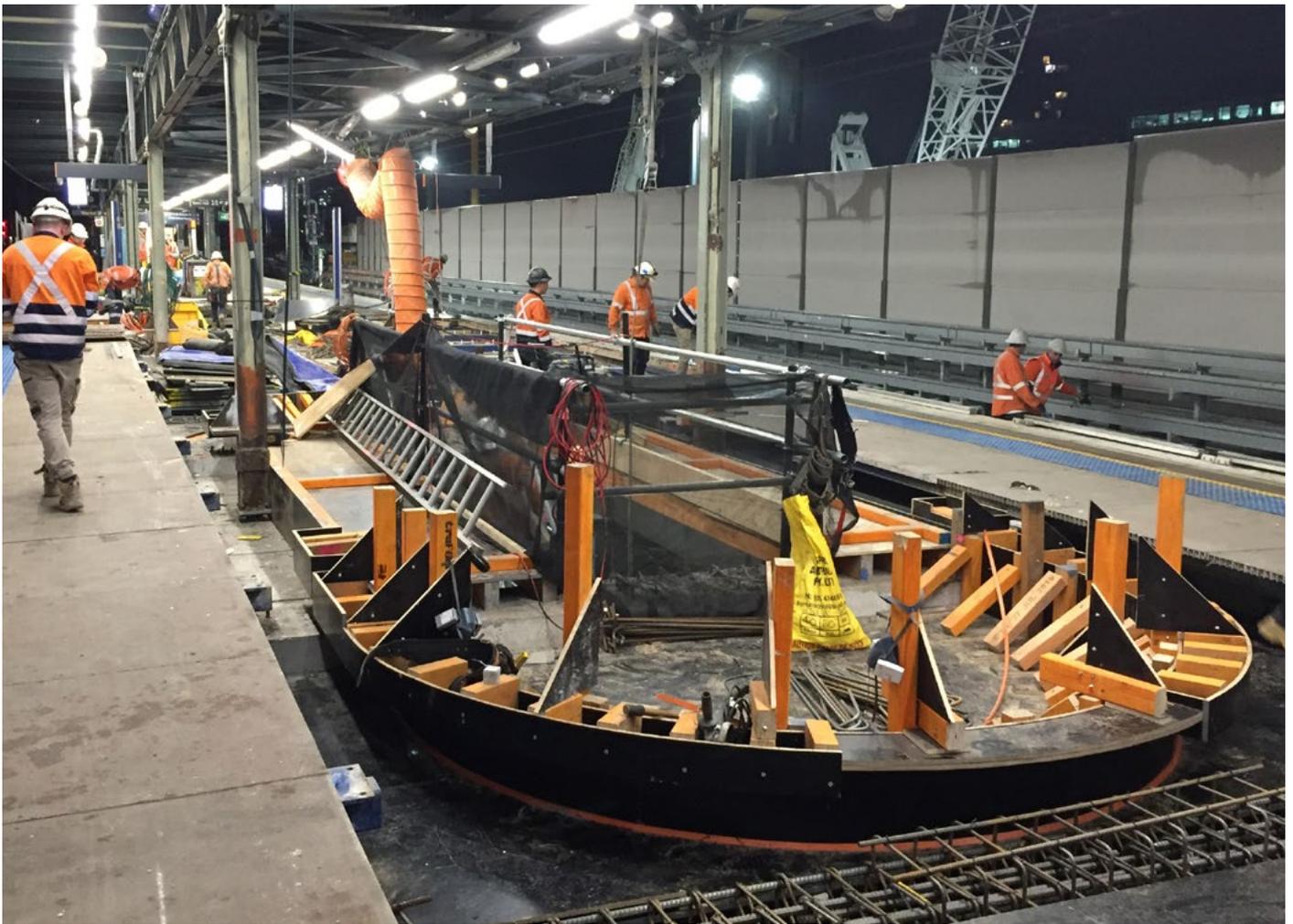
Pedestrian diversions have also been created through Central Station, including the installation of temporary walkway sections within the Suburban Tunnel and the Southern Tunnel to maintain customer access while excavation continues below. Within the metro box, work is also underway to support the Devonshire Street

Tunnel, which will remain open throughout the Central Station Metro works while construction is ongoing around it.

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 66 km 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.



View of platforms 16-17 during a weekend shutdown in May 2020 where hoarding was removed around the location of a new lift opening

Behind the hoarding on the suburban platforms

As well as the major construction work taking place within the new metro box and Northern Concourse roof, many other work sites are in operation. Behind hoardings on platforms 16-23, preparation work to allow the main excavation of the new Central Walk is now well advanced.

Over the last six months, workers have cut, concreted, rock bolted and excavated within the platforms to form new structural supports to the existing suburban railway lines, platforms and canopies that has allowed the main excavation for Central Walk.

During a recent rail shutdown weekend, hoarding was removed which provided the first glimpse of the lift and escalator openings at platform level on platforms 16-17. The hoarding has moved further south for work on the southern set of new escalators that will link platforms 16-17 with Central Walk. This work will be repeated on every platform – 18 through to 23.

Relevelling is also being undertaken on each platform and completed with temporary brushed concrete finishes before permanent retiling works take place by 2022.



Excavation within the platform for the new escalator pit



Temporary brushed concrete finish on the platform after weekend works



Three-month lookahead

| Activity (subject to change) | July | August | September |
|---|------|--------|-----------|
| 1 Excavating and constructing a concrete slab within the metro site | ● | ● | ● |
| 2 Excavating at 20-28 Chalmers Street | ● | ● | ● |
| 3 Working within hoardings on platforms 16-23 for Central Walk works | ● | ● | ● |
| 4 Excavating for Central Walk | ● | ● | ● |
| 5 Removing roof sections in the Northern Concourse | ● | ● | ● |
| 6 Constructing new feature roof off site | ● | ● | ● |
| 7 Installing new roof sections in the Northern Concourse | ● | ● | ● |
| 8 Complete new escalators in the Northern Concourse | | | ● |



A large tower crane was installed within the metro site in April. It has a 72-metre-long jib and was installed using a 135-tonne crawler crane currently working inside the metro box area. The tower crane will be used to lift in the new feature roof over the Northern Concourse later this year.



More than 930 tonnes of ballast, 490 rail sleepers and 250 tonnes of structural steel were installed to replace and reinforce sections of the suburban rail tracks ahead of Central Walk construction.



Meet the team - Sallie

Construction worker and Team Leader Sallie, is dwarfed by the sheer scale of the plant moving around her on site. With a deep knowledge of traffic management and her indispensable two-way radio on hand, Sallie keeps everything under control on the Central Station Metro (CSM) site. Sallie says there is no greater satisfaction than conducting the orchestra of traffic as it makes its way around the site and she loves the challenge of changing demands, depending on the day's planned activities.

Sallie says: "It's all in the planning. Our priority is to run a smooth and safe traffic deck and I'm always directing what's in front of me and thinking about the next movement. It's all about direct, positive communication and thinking how to get the best out of the space I have to play with today. Quite often I've got a 60-tonne crane to move, a semitrailer stacked with steel reinforcement coming in and a truck to load! This is Central!"

Sallie has worked for Laing O'Rourke for seven years, recently transferring across to CSM from the Sydney University Health Precinct project.

Every step makes a difference

Needing some isolation exercise inspiration, eight members of the CSM team recently decided to pound the pavement to raise vital funds for our local charity partners - **Foster House** and the **Women and Girls' Emergency Centre**. The group covered a total of 1089 kilometres, raising more than \$6,200.

Exercising alone to observe social distancing requirements, members of the team competed virtually against each other week to week to cover the most kilometres or raise the most money. Some friendly competition never hurts!



Sallie on the traffic deck, in the heart of the CSM site



Walking for a good cause

sydneymetro.info



Contact us

-  **1800 171 386** Community information line open 24 hours
-  **CentralStationMetro@transport.nsw.gov.au**
-  Sydney Metro City & Southwest, PO Box K659, Haymarket NSW 1240
-  If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**