

Passengers can now access the suburban platforms by escalator for the first time in the station's 116-year history.

Central Walk is open

Central Station's landmark new underground concourse, Central Walk, is now open to the public, marking a significant milestone for the project. By opening Central Walk, commuters are already benefiting from this exciting new part of the station.

The highly complex work was completed beneath eight fully operational suburban platforms and live tracks. To support these live tracks, a temporary track slab was used to form bridging structures, allowing for construction of the permanent works without interrupting the rail operations above ground.

The team accomplished this engineering feat at Australia's busiest railway station safely and with no impact to train operations.

Central Walk highlights:

- 80-metres long and 19-metres wide
- Lowest point is 16 metres underground, and is just two metres beneath live tracks
- More than 15 months to excavate (see video by scanning the QR code above)
- 38,000 tonnes of rock removed, the equivalent of six Olympic swimming pools
- Total of four new lifts and 15 new escalators,

including the first ever escalators from the Suburban Platforms 16-23

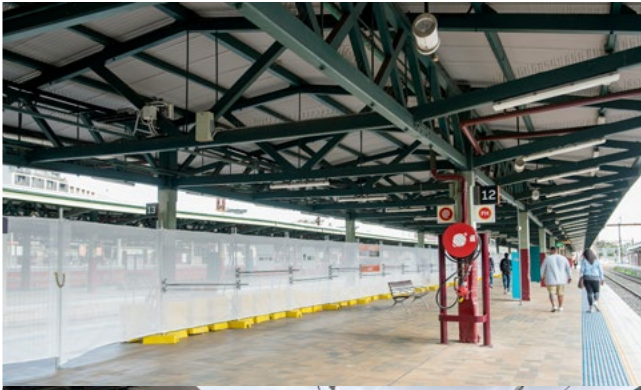
- More than 7,000 tiles, 500 lights, and 784 glass-reinforced concrete panels
- To maintain the integrity of all the existing Central Station assets, a complex system of survey monitoring was put in place, and included over 4,200 prisms across the station.

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, with new CBD metro railway stations at Martin Place, Pitt Street and Barangaroo and new metro platforms at Central.

By 2030, Sydney will have four metro lines, with 46 stations and a 113 kilometre standalone metro railway system. 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.

2018



2021



OPEN



Opening of Platform 12-13

The Central Station Metro team has achieved another milestone with the opening of a reinvigorated Platform 12 and 13 to the public.

During the excavation and subsequent construction of the metro station box, this platform area was effectively chopped in half, with Platform 13 being removed entirely and Platform 12 remaining open for public use and for site access.

After four years, almost to the day, the full width of Platform 12 and 13 have returned for operations allowing more space for passengers.

Here are some fast facts about Platform 12 and 13:

- 236 solar panels on the roof of the new canopy over the platforms (scan the QR code below to hear more about the solar panels at Central Station)
- 13,632 new terrazzo tiles on the floor
- 320 lights, and 67 speakers
- 1,293 tonnes of reinforced steel, and 5,122 cubic metres of concrete was poured
- Platform is approximately 2,390 square metres.

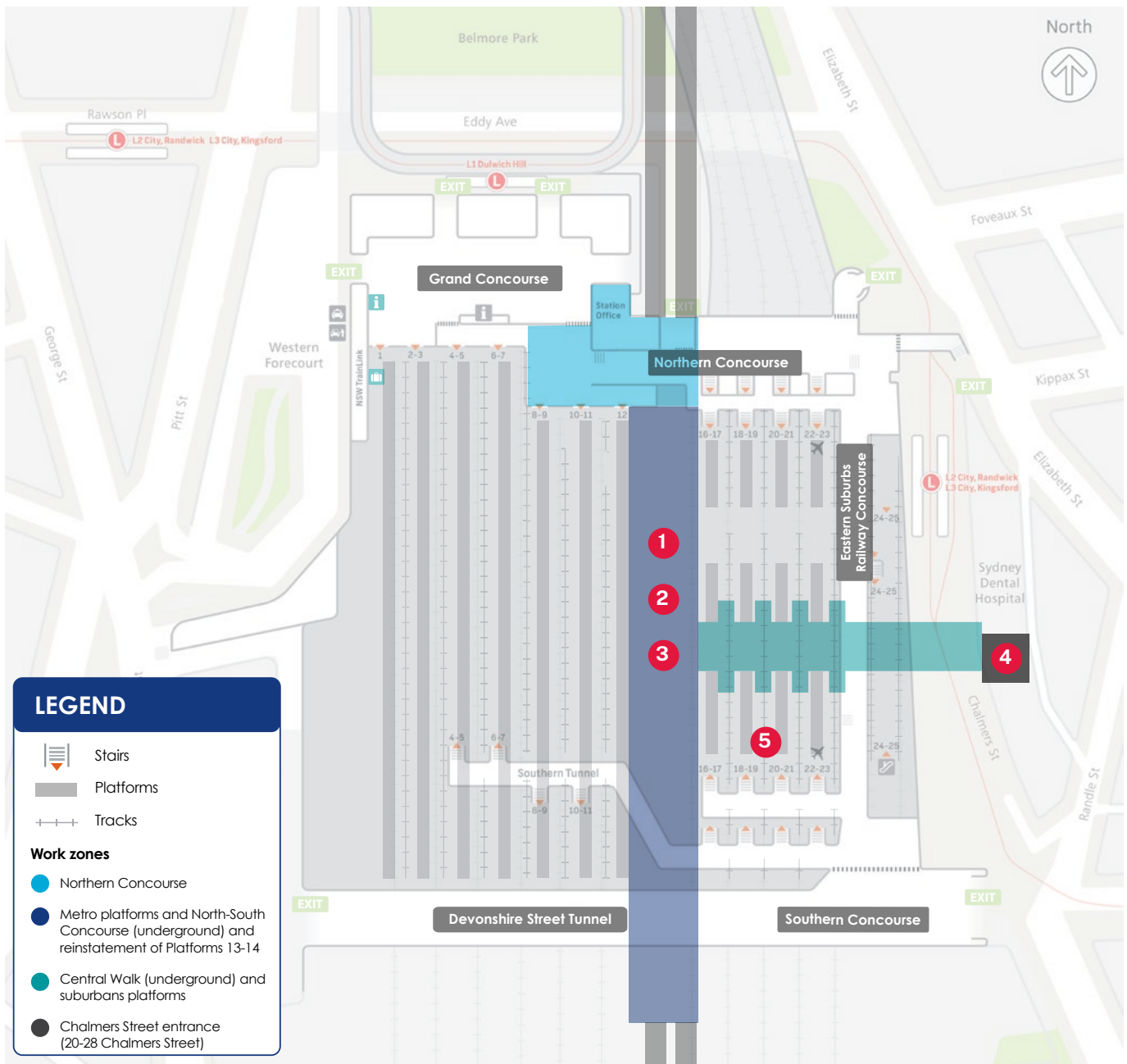


Central Station Metro achieves Leading Infrastructure Sustainability Rating

The Central Station Metro team has been committed to achieving a number of targets for sustainability at every level of the project's works. The Infrastructure Sustainability Council (ISC) has developed a rating scheme to act as an overall system for measuring, assessing and rating the sustainability performance of infrastructure projects and assets, and to measure good performance.

The Central Station Metro team is delighted to have achieved an ISC rating of 85 points, a 'Leading' rating, this is the highest performance level possible. This outcome represents leadership in the industry and far exceeds the contractual target of 75 and Laing O'Rourke's stretch target of 79 points. Some of the major design achievements the team led include:

- Delivering community benefit initiatives that respond to the community's priority issues – supporting people experiencing or at risk of homelessness, workforce development and industry participation, and integrated transport for a connected city
- A Community and Stakeholder engagement strategy including collaboration on negotiable issues, effectiveness of communication and addressing community concerns in a timely and meaningful manner
- A World First recognised by Global Ecolabelling Network for being the "first construction site and project to be included on a Type 1 Ecolabel program in accordance with ISO 14024 Environmental Labels and Declarations for waste services"
- Completing a Climate Change Risk Assessment and mitigating all extreme and high risks and more than 77.8% of medium risks.



Six-month lookahead

Work area and activities	Apr	May	Jun	Jul	Aug	Sep
1 Installing furniture, permanent wayfinding, lighting within the metro box. Testing and commissioning works.	●	●				
2 Fit-out and services installation in North-South Concourse (New concourse between the metro box and intercity platforms).	●	●				
3 Reinstating platform 14 including tiling, signage, waterproofing, and installation of furniture.	●	●				
4 Façade installation, fit-out and services installation at the Chalmers Street site.	●	●	●	●	●	●
5 On Platforms 16-23, platform re-leveling, tiling and furniture installation works (during rail possession weekends). Minor finishing works throughout station.	●	●	●	●	●	●

FAST FACTS



87% of all those who have worked on the Central Station Metro project are from the greater Sydney area



17% of all those who have worked on the Central Station Metro project are under 25



Laing O'Rourke STEM+ programme with local high school, Sydney Girls High (STEM stands for Science, Technology, Engineering and Mathematics).

Inspiring Future Talent through STEM+

Gender diversity continues to be a challenge within the construction industry, and the latest government data confirms there is currently only 12% female representation across the industry in Australia. Tackling this challenge requires many approaches, one of which is engaging students early, to educate them on the options the construction industry has to offer. The Central Station Metro team has been able to do this through offering an inspiring STEM+ programme to local high school, Sydney Girls High.

Now into its third year, with a second cohort of students, Central Station Metro's inspiring STEM+ programme

is highlighting the diverse range of pathways available into the industry, and the breadth of roles that construction has to offer. The works carried out at Central Station are a prime example of this diversity, and the students have learnt about the many different facets of the project.

Last year, students learnt how digital engineering has been utilised under the concept of "build twice, once virtually." Through building Central Station virtually first, issues can be anticipated before they arise, meaning the team can achieve solutions to problems before they exist. Students learnt how important innovation is to the industry, and how harnessing new technologies can be used to make works more efficient and safer. Finally, students learnt about sustainability in construction,

and how this will achieve better outcomes both for our physical environment, and society.

This year students can look forward to learning about community relations and stakeholder management, as well as completions management and project closeout strategies which will coincide with the Central Station Metro team practically completing their project!

The intent of these learnings is to make the industry be more accessible to young women, and to highlight the exciting range of roles available. Achieving better diversity in the industry will take time, and the Central Station Metro team is delighted to be involved in furthering this change.

Have your say

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

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Translating and interpreting service

If you need help understanding this information, please contact the Translating and Interpreting Service on 131 450 and ask them to call us on 1800 171 386.