

The heart of Victoria Cross Station reaches full height

The north entrance building of Victoria Cross Station has reached full height of 23 meters above Miller Street.

When operational, the northern entrance building will act as the heart of the station housing a ground floor entry with equipment rooms in the floors above. It will also house an enclosed bike parking facility at lower ground level, which is designed for customers to easily access.

The northern entrance building has been designed to accommodate only the necessary equipment and services required to operate the station and lift access.

Next year the team will be completing the façade and public domain works, installation of equipment, and complete commissioning to prepare the station for the start of metro services in 2024.

Sydney Metro is Australia's biggest public transport project. In 2030, Sydney will have four metro lines with 46 stations and a 113 kilometre standalone metro railway system. It will transform Sydney, delivering more trains and faster services for customers across the network. Sydney Metro City & Southwest extends the new metro network from the end of Sydney Metro Northwest at Chatswood, under Sydney Harbour, through the CBD, and west to Bankstown. Lendlease will deliver the new Sydney Metro Victoria Cross integrated station development at North Sydney, including the metro station, commercial building above and enhancements to pedestrian connections, retail and public spaces.



Victoria Cross northern entrance building at full height.

Victoria Cross Station key construction facts:

- Over 11,370 cubic meters of concrete poured to date.
- 4,011 tonnes of reinforcement steel used to reinforce concrete structures such as floors, walls, columns, and lift shafts.
- More than 30 underground plant room spaces completed.
- The Victoria Cross Station platform ceiling is lined with 240 glass reinforced concrete panels. Each panel weighs approximately 200kg. These have been installed along with 1,700 aluminium panels.
- The mezzanine level was built using 950 tonnes of steel reinforcement and approximately 260 cubic meters of concrete.

Victoria Cross Station update

Station cavern

Sydney Metro's Victoria Cross Station is taking shape 31 metres below North Sydney in Australia's largest railway cavern. Installation of the platform screen doors is now complete with 36 doors installed. Work in this area continues with the installation of electrical, communications and signalling equipment the key focus. The 50-metre-long and 15-metre-wide mezzanine level, which will form the main entrance and exit point to the southern section of the new metro platform, is also complete.

In the coming months, work at the station will include completing the 100-metre-long and 8-metre-wide main pedestrian walkway that connects the station's northern entrance to the metro platform below. By the end of the year, the station will have new lifts installed that provide access to the platform at the north and south ends and work will have progressed on installing the 19 new escalators.



Victoria Cross Station cavern.

South site

The Victoria Cross south site team achieved a momentous task earlier this year, the delivery and installation of a 16.3m beam, weighing over 13 tonnes. Installation of this transfer beam has allowed the progression of the construction of the main concourse entry to the station and enables the escalators to be installed in the coming months.

Over the next few months, the structure will start to appear over the hoarding level, transitioning into the Victoria Cross over site development. The 42-storey office tower represents the latest global thinking in place creation and workplace experience, offering a modern and sustainable space that promotes collaboration, flexibility, and innovation.



Installation of the transfer beam into the south site.

Big day out with the Mirabel Foundation

In June, 10 volunteers from Lendlease's Victoria Cross Station construction team spent a day with 72 children from the Mirabel Foundation at Luna Park. Our volunteers took part in all the activities Luna Park has to offer while supervising and getting to know and supervising the Mirabel kids.

The Mirabel Foundation specifically addresses the needs of children who have been orphaned or abandoned due to parental drug use.



Victoria Cross volunteers.

Bibi Barba visits Victoria Cross

First Nations artist, Bibi Barba, recently visited Victoria Cross construction site to see her artwork displayed on Victoria Cross south site. To recognise the significance of connection to place, Bibi's artwork, My Country Saltwater Dreaming is prominently displayed on the project's jump form, that will be progressively raised over the site.

Bibi was moved by the scale and prominent location of her work on the site. Throughout the site walk she shared stories with the team of her upbringing, work and inspiration for the artwork. "This story is about many connections within North Sydney, Cammeraygal clan boundaries, the large circles represent places, and the small circles represent people. The pathway of lines are the trade and knowledge routes that provide food through song lines of survival. The blue is significant to surrounding saltwater and harbour." shared Bibi.

The Victoria Cross integrated station development is committed to making the project a place of cultural knowledge, where the rich history and proud heritage of the Cammeraygal peoples and their land is celebrated.



Bibi Barba with her Acknowledgement of Country artwork on the Victoria Cross south site.

Female students gaining hands-on trade experience at Victoria Cross

This October, the Victoria Cross integrated station development project team welcomed five students to take part in a Girls in Trade work experience week. The program was a five-day program developed in partnership with Regional Industry Education Partnerships, to support Year 10 female students who are interested in pursuing a career in a trade role. The week was designed to give the students hands-on experience on a major infrastructure project and gain an understanding of the different trades and career paths that exist in construction.



Students on site with the Victoria Cross safety team.

Victoria Cross Community Day

This year Lendlease's Victoria Cross team used their skills to support Taldumande Youth Services. Taldumande Youth Services supports vulnerable young people aged 12 to 21 years by providing a pathway, from homelessness to independence.

On Friday 28 October, a Taldumande shelter saw 50 Lendlease volunteers, who were equipped with rakes, gloves, pressure cleaners, sanders, paint brushes and brooms, to reinvigorate the space. The motivated group pulled together to clean, garden and paint. All volunteers were proud to be a part of a project that will have such a positive impact on the youth that use this shelter.

"We are all so appreciative and thankful for all the work you have put in, the kids won't recognise the place! We are truly grateful." Priscilla, Taldumande Homelessness Services Residential Coordinator.



Victoria Cross Community Day Team.

Power Supply to Victoria Cross Station completed

Victoria Cross Station has reached an historic milestone by becoming the first of seven new underground metro stations to be permanently energised.

Following the recent completion of all track construction through the tunnels and stations, high voltage power system needed to operate metro passenger services through Victoria Cross Station have now been installed, tested and commissioned.

The incoming 11,000 volts of electricity is delivered to the station through two thick power cables recently installed in the tunnels between Victoria Cross Station and a metro substation in Artarmon, which has an incoming 33,000 volt power supply from Ausgrid.

Four large transformers at Victoria Cross Station convert the high voltage to the lower voltages needed to operate the communications, security, ventilation, drainage and lighting systems in the station and related services in the adjacent tunnels.

Almost seven kilometres of high-voltage power cables were laid to connect Victoria Cross Station to the Artarmon substation and a further 80 kilometres of low-voltage electricity cables and 8 kilometres of communications cables are being laid within the station precinct. Over 200 major items of mechanical and electrical equipment are being installed in over 40 utility rooms within the station.

To maximise the quality of the customer experience inside Victoria Cross Station, four large tunnel ventilation fans, each the size of a small truck and weighing almost 10 tonnes, are being installed to help maintain optimised temperature and air quality.

Meanwhile, workers in the tunnels have been busy completing installation of signalling, communication systems, and the overhead contact wire to provide traction power to the trains.

Construction of the Sydney Metro City & Southwest Line-wide Works, including work in the tunnels, is being delivered by a joint venture of two CIMIC Group companies, CPB Contractors and UGL Limited.



Workers laid two 11,000 volt power cables in the tunnels between Artarmon and North Sydney as part of the permanent power supply for Victoria Cross Station.

Construction look a head

Activity	January	February	March	April	May	June
Crane use	● ●	● ●	● ●	● ●	● ●	● ●
Delivering and removing materials, machinery and equipment	● ●	● ●	● ●	● ●	● ●	● ●
Concrete pours including formwork and reinforcement installation	● ●	● ●	● ●	● ●	● ●	● ●
Station-fit out and facade	● ●	● ●	● ●	● ●	● ●	● ●
Temporary pedestrian changes and diversions	●	●	●	●		
Denison Street stormwater upgrade	●	●				
Miller Street stormwater works	●	●	●			

Victoria Cross South site ● Victoria Cross North and cavern sites ●

Have your say

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

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