

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 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. There will be ultimate capacity for a metro train every two minutes in each direction under the Sydney city centre.

John Holland CPB Ghella (JHCPBG) is building the 15.5 kilometre long twin railway tunnels between Chatswood and Sydenham and excavating six new metro stations.

Start of cross passage excavation work near your property

Cross passages are connection tunnels between the two main metro tunnels and are located about every 240 metres along the tunnel alignment. They are an important safety feature and allow people to move from one tunnel to another in case of an emergency. The cross passage in your area will be approximately 30 metres below ground and will be 5.5 metres wide, 6 metres high and 60 metres long. The location is shown on the map overleaf.

Work on the cross passage is expected to start from 2 December 2019. The work will be carried out **24 hours a day, seven days a week** and is expected to take about seven weeks to complete, depending on ground conditions.

Work will involve:

- installing steel support frames on both sides of the metro tunnels involving steel work, drilling and saw cutting
- excavating the cross passage using a rock hammer
- installing steel mesh, concrete, and a waterproof concrete lining in the cross passages and surrounding area.

Cross passages are constructed after the tunnel boring machines (TBMs) have tunnelled through an area, with several cross passages being constructed at any given time.

What to expect

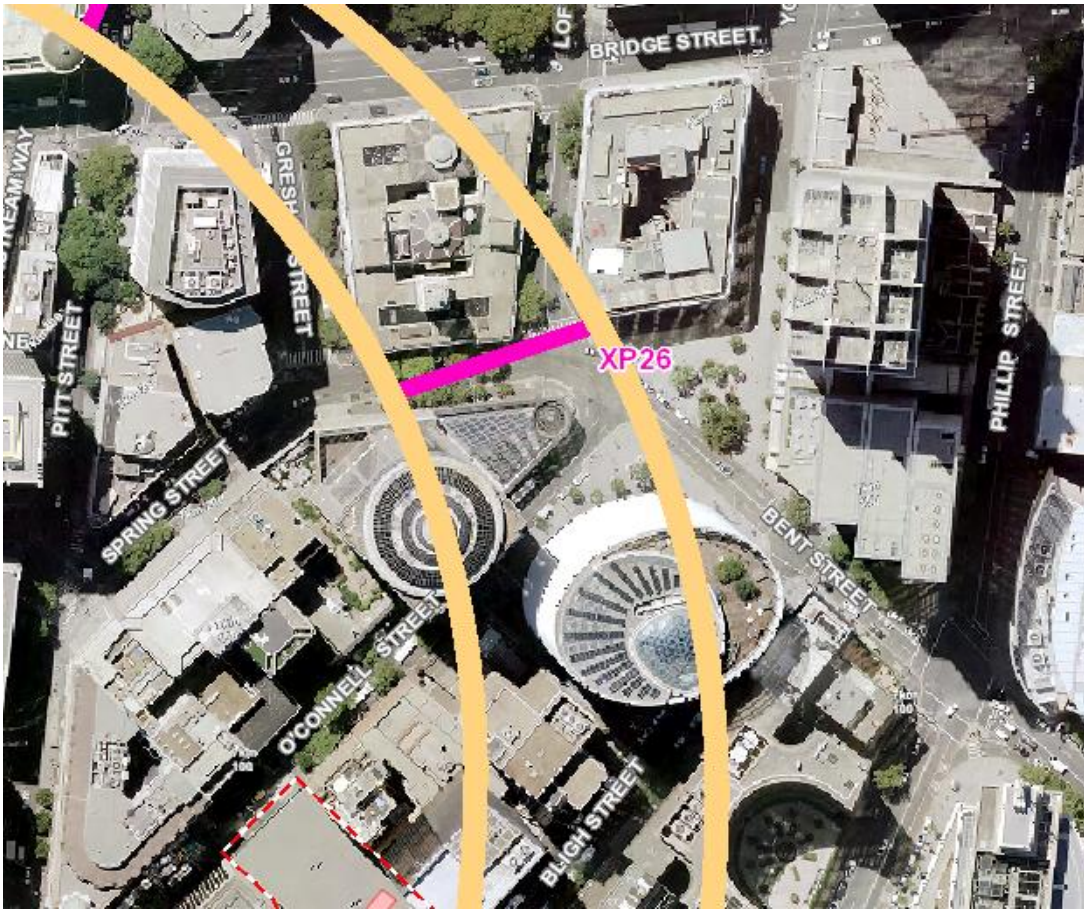
- Ground-borne noise and vibration may be experienced in some buildings near a cross passage.
- All material and rock excavated from the cross passages will be transported back to the Marrickville dive site on a conveyor in the main tunnel and then removed by truck from the dive site.


If you experience any disturbance from these works, please do not hesitate to contact our 24-hour community information line listed below.

If you have any questions, or would like to sign up for email alerts, please contact the **Community Relations Team** on **1800 171 386** (24 hour community information line) or tunnels@transport.nsw.gov.au.

Thank you for your understanding while we complete this essential work.

Location of cross passage (XP26)



 Sydney Metro tunnel alignment

SMCSWTSE-JCG-TUS-SH-NFS-030704