

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 stations and a 66 km 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 every 240 metres along the tunnel alignment. The cross passage in your area will be approximately 29 metres below ground and will be 5.5 metres wide, 6 metres high and 9 metres long. The location is shown on the map overleaf.

Construction of the cross passage near your property is expected to start from **12 September 2019**. The work will be carried out **24 hours a day, seven days a week** and is expected to take about **ten 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.

What to expect

- Excavation of the cross passage using a rock hammer will take about four weeks.
- Work has been staged so that, where possible, **rock hammers are only used between 7am and 10pm**, however drilling may continue 24/7 on alternate nights until excavation is completed.
- 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 removed by truck from the Chatswood dive site.

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

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

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

Location of cross passage (XP47)



Cross passages are excavated using rock hammers like the one pictured above.

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