

Construction update

April 2021

Roadheader tunnelling update

Roadheaders tunnelling south from the Woolloongabba Station worksite are now approaching the Pacific Motorway as they make good progress on their journey underground towards the new Boggo Road Station.

Two roadheaders started tunnelling south in January 2021 and are now approaching the Pacific Motorway in the southern area of Woolloongabba. They will pass under local properties in this area as they work 24 hours, 7 days a week to complete their journey in late 2021. Controlled blasting may also be used as an excavation methodology within these tunnels.

Roadheaders will be in your area for two to three months, and you may experience some low-level noise and vibration. To keep you up to date with their tunnelling progress, we will let you know when they are approaching your individual property.

Cross passages will also continue to be excavated in the roadheader tunnels until late 2021. The first cross passage was completed in February 2021 and there are four more planned for construction this year between Woolloongabba and Boggo Road.

We will provide advance notification to individual properties as this work approaches.

Look out for flyers in your letterbox to find out specific timeframes and excavation information. You can track tunnelling progress using the QR code shown below.

Survey and Monitoring

Surface survey works will be conducted along the tunnel alignment to measure ground water, vibration and subsidence. As part of this, there may be temporary road lane closures, pedestrian detours and other short-term impacts.

The majority of this work will occur within public land, however in the event that monitoring is required within private property, we will contact you before work starts.

If you have any questions or concerns regarding any survey or monitoring, please contact the project team.

FOLLOW THE ROADHEADERS

Scan this QR code and see the 'tunnelling tracker' page on the Cross River Rail website where you can follow roadheader progress.



Cross passages

Cross passages are constructed after roadheaders have excavated the two tunnels for northbound and southbound trains. The cross passages are necessary during operation of the new rail to provide emergency access between the two tunnels.

Their construction will occur 24 hours a day, 7 days a week for approximately one month at a time. General construction activities include:

- **Excavation** – using traditional mining equipment such as excavators, rock hammers and splitters; and methods such as drilling and blasting, shotcreting and rock bolting
- **Preparation for rail operations** - tunnel waterproofing, concrete lining and installation of mechanical and electrical equipment.

We will notify you in advance if cross passage construction will be near your property.

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