

Works Notice

October 2020

Boggo Road station construction update

Excavation of the station box and installation of ground support continues at the Boggo Road station site during October 2020. Excavation of the station box is approximately 30% complete.

Construction activities continue

Activities on site will include:

- Excavation, earthworks and associated haulage
- Installation of a concrete ground support beam for the top of the excavation in the North East corner
- Continue installation of rock anchors, soil nails, shotcreting and ground support. Over 60 per cent of the ground support for the station box has been installed
- Trimming vegetation on Railway Terrace near Dutton Street
- Delivery of machinery, equipment and materials
- Start installation of canopy tubes
- Commissioning of the water treatment plant

Station box facts

The new Boggo Road station will be located 19 metres below the surface. 220-metre long platforms will be housed by the station.

Excavation of the station box is well underway with an estimated 140,000 cubic metres of material to be excavated and removed.

To support the station box walls, as excavation progresses soil nails and rock anchors are installed and concreted sprayed onto the wall surface. An impressive 236 ground anchors, 274 soil nails, 1,162 rock bolts will be installed, and 8,800 cubic metres of concrete will be used to construct the station box. As of 30 September, over 103 soil nails have been installed.

Survey, service and ground condition investigations

Throughout October, the team will investigate and survey underground utilities including power, water, sewer and telecommunications near Dutton Park station and the Boggo Road precinct.

Investigation activities will include:

- Survey, CCTV inspections and pressure cleaning of water and sewer infrastructure
- Geotechnical and soil investigations to take samples of ground/soil conditions using truck-mounted geotechnical drilling rigs
- Utility investigation and reinstatement activities.

Image 1 Installing soil nails in the station box

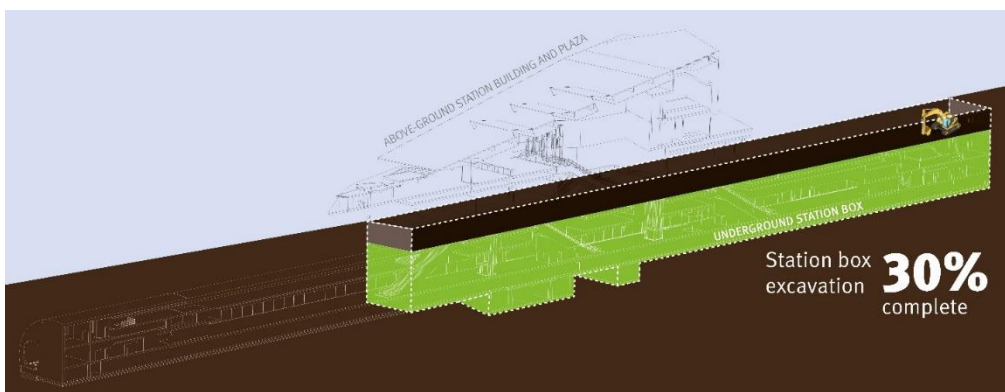
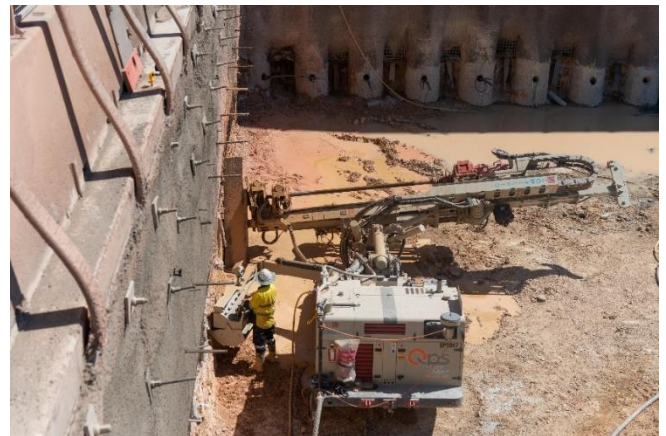


Image 2. 30% station box excavation complete

What to expect

During October, nearby businesses and residents can expect:

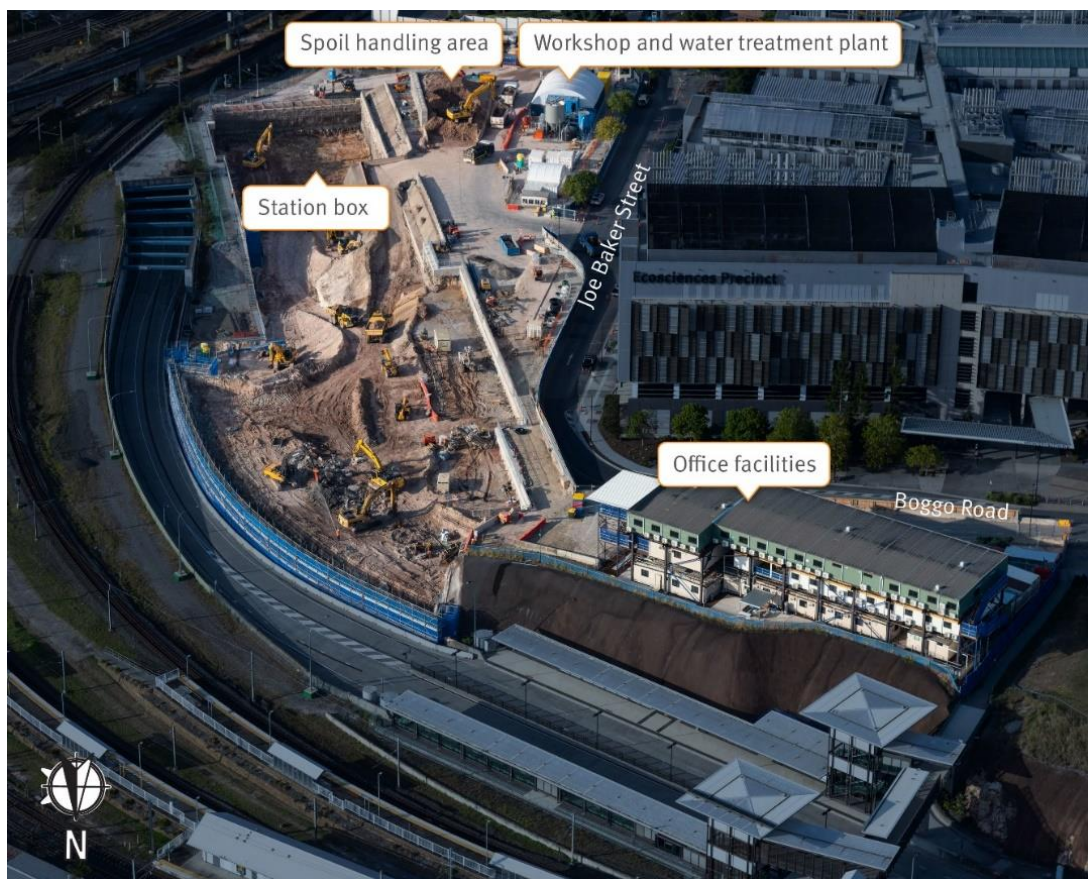
- Construction activity in the area with potential for an increase in noise, dust, vibration, truck movements and workers.
- Construction impact mitigation activities such as street sweepers, water suppression and hoarding installation
- Intermittent maintenance activities including refuelling of equipment and machinery
- The use of survey equipment, vacuum excavation trucks, road saws, small excavators, tipper trucks, compactors, and specialist CCTV vehicles both on and offsite
- Trucks removing and delivering machinery and materials to the work site. Some of these deliveries will be made outside of normal construction hours
- Temporary changed pedestrian access and temporary changed traffic conditions including lane closures.

Work is subject to relevant approvals and suitable weather conditions.

Work hours

Work will generally occur between **6:30am and 6:30pm, Monday to Saturday**, weather and construction conditions permitting. Some out of hours work may be required due to traffic restrictions, impacts to the busway operations and to maintain the safety of the community and our workers. We will notify ahead of any out of hours work. Workers may arrive onsite one hour prior to the work start times to prepare for the shift's activities.

Image 3. Boggo Road worksite



Project information

The Cross River Rail Tunnel & Stations contractor CBGU D&C JV will deliver the underground tunnel and four new underground stations at Boggo Road, Woolloongabba, Albert Street, Roma Street and an upgrade to the Dutton Park station. To subscribe for Project Updates and to view detailed information about work activities and fact sheets, visit www.crossriverrail.qld.gov.au and scroll to the bottom of the page.

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