

Works Notice

March 2021

Roma Street station construction update

Excavation of the Services Building and piling for the Station Building is continuing at the Roma Street station worksite, with piling for the Station Building expected to be completed at the end of this month, weather and construction conditions permitting.

Station cavern excavation work continues underground with about 200 linear metres, just over 100,000 tonnes of material, now removed from site.



Image: Station cavern excavation at the Roma Street construction site

Sunday haulage

Cross River Rail propose to change working hours at the Roma Street construction site to include haulage and equipment delivery (excluding concrete deliveries) on Sunday between 9am and 6.30pm.

If you have any comments or concerns relating to this proposed change please contact the Project team on 1800 010 875 or crossriverrail@cbgujv.com.au.

Additional notification will be provided prior to commencing haulage or deliveries at these proposed hours.

Shaft excavation at Roma Street

Two large shafts will be excavated at the Roma Street site to enable construction of the new buildings from the basement levels up. Excavation of the shafts follows a continuous process involving:

1. Excavate to a pre-defined level (known as a bench)
2. Installation of rock bolts to support the excavation walls
3. Installation of drainage and reinforcement steel on the shaft walls
4. Spraying concrete between piles to stabilise the shaft walls, known as shotcreting.

This process will be undertaken continuously until the bottom of the shaft is reached. Following completion of the excavation, construction of the new buildings will commence.

Station Building site

Footprint of former Brisbane Transit Centre and Hotel Jen buildings



Site establishment and enabling work

Ongoing

- Installing a signalised site vehicle access west of Makerston Street. This will involve modifications to the existing traffic signals and line marking at the intersection of Makerston and Roma Streets, including installing a new signalised pedestrian crossing at the new worksite access.

Stormwater main relocation

Late February to mid-April

- Night and weekend work are required to relocate an existing underground stormwater main service outside the excavation area of the new main station building and under Roma Street. Please see stormwater main relocation notification (#288) for more information.

Piling

Ongoing

- Installing bored piles for retention of the ground prior to commencing excavation of the new station building shaft
- Progressive construction of a concrete capping beam to connect the retention bored piles.

Some activities in the Stations Building work area will be undertaken outside of standard construction hours. Activities may include construction of the capping beam, excavation, transporting material from site, installation of ground support anchors and shotcrete within the shaft.

Services Building site

Western end of site in footprint of the former coach ramps



Excavation and ground support

Ongoing

- Excavating the shaft and progressively installing retention ground support anchors and shotcrete
- Loading and removing excavated material with trucks.

Some activities in the Services Building work area will be undertaken outside of standard construction hours. Activities may include excavation, transporting excavated material from site, installation of ground support anchors and shotcrete within the shaft.

Tunnelling site

Acoustic shed at corner of Roma Street and Parkland Boulevard



Underground excavation

Ongoing

- Excavation of access adits and station cavern by roadheader
- Loading and removing excavated material with trucks
- Intermittently conducting controlled production blasts within the station cavern and adits.

Local streets

Roma Street between Countess Street and Parkland Boulevard



Gantry and hoarding installation

March 2021

- Finalising new gantry and hoarding installation on Roma Street.
- Installing signage on the hoarding.

Temporary lane closures and other traffic changes are required to safely complete this work.

What to expect

- Construction activity 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.
- Temporary traffic and pedestrian changes on Roma Street and other surrounding streets.
- Work is subject to relevant approvals and suitable weather conditions.

Work hours



Standard construction hours

Standard construction hours are 6:30am to 6:30pm, Monday to Saturday.



Out of hours works

Some activities will be completed out of normal construction hours due to traffic permits, safety requirements and construction methodology. Nearby residents will be notified in advance via letterbox drop or a poster in the apartment building mail room.



24 hours

Tunnelling and tunnelling support activities are undertaken 24 hours a day within the acoustic shed.

1800 010 875

crossriverrail@cbgujv.com.au

crossriverrail.qld.gov.au



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