

# Work Notice

April & May 2023

## Albert Street station construction update

Construction of the future station buildings at the main station entrance site (Lot 1) and northern station entrance site (Lot 3) is progressing with concreting, steel fixing and site facility adjustments.

In March, the team reached a significant milestone completing the permanent concrete arch lining in the underground cavern. Back of house construction continues as mezzanine beams are delivered and installed.

### Lot 1 – Main station entrance site (corner of Mary and Albert streets)



- Large concrete pours (requiring night work and early mornings) involving concrete trucks and pumps parked on Mary Street, and Albert Street near Charlotte Street.
- Cutting and fixing steel reinforcement bars and mesh.
- Transport of materials, equipment and machinery.
- Slipform and jumpform installation including anchor drilling.
- Utility, survey and geotechnical work including potholing.
- Site facility adjustments.
- Tower crane installation (more information to be provided prior to work commencing).



Caption: Internal wall being constructed with formwork supports

### Construction of the main station entrance building – concreting activities



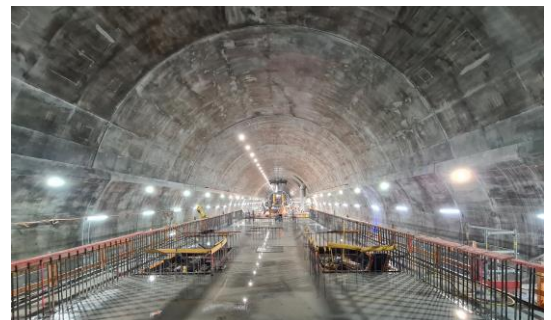
Did you know concrete has been used as a preferred construction material since prehistoric times? To date, over 5,300m<sup>3</sup> of structural concrete has been placed at the Lot 1 site, which is equivalent to filling approximately 265 residential swimming pools (with 20,000L capacity).

As the station building continues to rise, concreting activities will increase in frequency and duration, with several large concrete pours required over the coming months. Pours will generally start in the early morning and continue into night shift. You may also experience increased levels of noise associated with the use of concrete trucks and pumps located on Albert Street and Mary Street.

### Lot 2 – Tunnelling and support activities within the acoustic shed and in the underground cavern



- Installing formwork, steel fixing and concreting activities underground.
- Service adjustments within the tunnel.
- Transport of materials, equipment and machinery.
- Back of house fit-out including installing blockwork.
- Delivery and installation of precast mezzanine segments and platform culverts.



Caption: Completed permanent concrete arch lining in the underground cavern

### QIC - 101 Albert Street Development Application

On Friday 10 March, QIC announced they have submitted a Development Application for 101 Albert Street, which is the current location of the Cross River Rail 'Lot 2' construction site. Further information in relation to this Development Application can be found on the State Development, Infrastructure, Local Government and Planning website [www.statedevelopment.qld.gov.au](http://www.statedevelopment.qld.gov.au) under Current Applications and Approvals.

- Large concrete pours (requiring night work and early mornings) involving concrete trucks and pumps parked on Albert Street near Charlotte and Elizabeth streets.
- Installing jumpform to construct the building.
- Cutting and fixing steel reinforcement bars and mesh.
- Transport of materials, equipment and machinery.
- Relocating tower crane (more information to be provided prior to works commencing).
- Setting up a temporary mobile crane.
- Site surface excavation works.
- Site facility adjustments including partial gantry removal and site office changes.
- Temporary structure demolition including slab, retaining wall, piles and capping beam.

### Construction of the northern station entrance building – tower crane changes



Over the coming months, demolition of temporary structures no longer required, excavation and tower crane changes are required to facilitate the next stage of construction.

The current tower crane will be removed from site and a new tower crane will be constructed in a new location within the station box using temporary mobile cranes.

Temporary structure demolition and excavation will occur both during the day and at night, and will include:

- Protection slab demolition including excavation of material underneath the concrete
- Upright wall, tower crane slab and capping beam demolition including saw cutting and jackhammering.

### Local streets - Albert Street between Alice and Queen streets: Elizabeth, Charlotte and Mary streets



- Installing, maintaining and removing monitoring equipment and services.
- Utility, borehole and geotechnical investigations and maintenance.
- Vegetation maintenance.
- Permanent service and utility connections.



### What to expect

During construction of the new station buildings and underground platform, there will be an increase in workforce and vehicles at the three Albert Street sites for the transport of materials, equipment and machinery.

Nearby residents and businesses may also experience an increase in dust, noise and vibration.

For your safety, intermittent temporary pedestrian and traffic holds and diversions will be in place near the worksites during concrete pours and other deliveries to the sites. Please follow all directions of traffic controllers.

### Construction hours



**Standard construction: 6:30am – 6:30pm**  
Monday to Saturday.



**Out of hours, 6:30pm – 6:30am**  
Some activities will be completed out of normal construction hours due to traffic permits, safety requirements and construction methodology. Register for weekly email updates. See right.



**Tunnelling and support activities**  
24 hours a day, 7 days per week.

### New to the area? Stay up to date

Register to receive **construction email updates** and SMS notifications ahead of major construction activities.

Send your name, email address and mobile number to [crossrerrail@cbgujv.com.au](mailto:crossrerrail@cbgujv.com.au).

*Personal information collected by Cross River Rail Tunnel & Stations for the purposes of email and SMS services will be managed in accordance with the Information Privacy Act 2009 (QLD).*