

Works Notice

September 2021

Woolloongabba station construction update

In exciting news this month, both Tunnel Boring Machines (TBMs) *Else* and *Merle* have now broken through at the Roma Street station worksite, marking a major milestone for Cross River Rail. TBM 1 *Else* is fast approaching the finishing line at the Northern Tunnel Portal and TBM 2 *Merle* is not far behind. Roadheaders have also completed more than 90% of their journey to their end destination at the Boggo Road station worksite.

Details of work

- Tunnelling and station box
- Ongoing until late 2021
- TBM 1 Else and TBM 2 Merle tunnelling continues towards the Northern Tunnel Portal at Spring Hill. Both TBMs have now broken through at the Roma Street station underground worksite.
- Cross passage excavation in the TBM tunnels continues in the city area, with all cross passages under Kangaroo Point now complete.
- Roadheader excavation and cross passage works continue in the mined tunnels at of Park Road. Roadheader excavation in these tunnels is expected to finish in October 2021.
- Permanent works in the mined tunnels including waterproofing will continue as the roadheaders continue south.
- Works have started on the station platform and associated structures in the southern cavern.
- Back of house level B7 in the station box has now been poured and another back of house level (B4) will be completed this month.
- The jump form system has completed six out of 17 lifts in total to date.
- Station fit-out works will also start in the basement level and back of house works will start in the southern cavern.



Spoil haulage and deliveries

Ongoing until late 2021 due to tunnelling activities

- Spoil removal from TBM and roadheader excavation continues 24 hours, with spoil conveyed to the acoustic spoil shed where it is stored, ready for transportation*.
- Out-of-hours oversized equipment such as precast segments and tunnelling machine deliveries continue in and out of the Woolloongabba site*.

*Please note this excludes peak hours Monday to Friday 7:00am – 9:00am and 4:30pm – 6:30pm.



Surface works

Ongoing until end of project

- Assembly of formwork for the mined tunnels continues.
- Utility and geotechnical works in and around the Woolloongabba site.
- Delivery and mobilisation of large plant and vehicles.



Key: construction work hours

	<p>Standard construction hours 6:30am to 6:30pm, Monday to Saturday.</p>	 <p>Out of hours works Some activities will be completed out of normal construction hours, 6.30pm to 6.30am, due to traffic permits, safety requirements and construction methodology. Nearby residents will be notified in advance via letterbox drop.</p>	 <p>24 hours Tunnelling and tunnelling support activities are undertaken 24 hours a day.</p>
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What to expect

- Potential noise, dust and vibration from construction activities both underground in the tunnels and on the surface of the site.
- Temporary lighting for out-of-hours works in the station box and decline ramp.
- TBM operation and support including spoil removal via conveyor to the spoil shed.
- Removal of excavated material during approved haulage hours by trucks. Dust suppression is undertaken regularly using a range of methods including water trucks on site.
- 24-hour ongoing underground excavation in both the TBM and mined tunnels and for cross passage excavation.
- Continued utility investigations, geotechnical works and service relocation activities both on and off site.
- Out-of-hours deliveries of large trucks and plant. This may also include mobilisation and set up. Short term road closures in the area may also be required.



Image 1 Cycle of roadheader excavation



Image 2 Tower crane 2 viewed from within the station box

Dust Management

The team would like to reiterate dust levels from construction activities are routinely monitored in the interest of workers' health and safety and to ensure there are no adverse impacts to local residents or businesses. Air quality at the Woolloongabba site continues to meet stringent Work Place Health and Safety requirements. There is no risk to the health of nearby residents. This is ensured through stringent safety measures and controls.

The safety of our workforce and the public is, and continues to be, our top priority and control measures are continually reviewed and adjusted to ensure highest possible standards and continued best practice. If you have any questions, we encourage you to contact the project team on 1800 010 875.



Tunnelling progress as at 27 August 2021



Image 3 Jump form system in the station box