

Works Notice

Woolloongabba station construction update

During July, tunnelling operations north and south of Woolloongabba continue, including arrival of the two Tunnel Boring Machines (TBMs) at the new Albert Street station. Roadheaders are half-way to the Boggo Road station site. Woolloongabba station is also starting to take shape with critical structural works now underway.

Details of works

Activities on site during July include:

- TBM 1 *Else* and TBM 2 *Merle* tunnelling continues towards the Northern Tunnel Portal at Spring Hill. TBM 1 *Else* will pass through Albert Street station this month and TBM 2 *Merle* will arrive to the south of the Albert Street station
- Roadheader excavation and rock hammering in the mined tunnels continues. Roadheaders have passed under the Pacific Motorway as they head south from Woolloongabba to Boggo Road
- Permanent concreting in the mined tunnels with the start of drainage and waterproofing. The permanent lining team have completed their first major concrete pour of the headwall in the south cavern
- Woolloongabba station construction work such as installing formwork, fixing reinforcement steel and placing concrete
- 24-hour cross passage excavation in the TBM and mined tunnels
- Excavated spoil is being conveyed from tunnel operations to the acoustic spoil shed located at the Woolloongabba worksite
- 24-hour assembly of formwork for concreting work in the cavern and mined tunnels
- Daily and out-of-hours oversized equipment, precast segments and tunnelling machine deliveries. *Excluding peak hours Monday to Friday between 7:00 – 9:00am and 4:30pm – 6:30pm for spoil haulage and material deliveries.*
- Continued utility investigations, geotechnical works and service relocation activities both on and offsite – this work often occurs between 6:30pm and 6:30am due to road permits and worker safety.



Jump form system in the station box

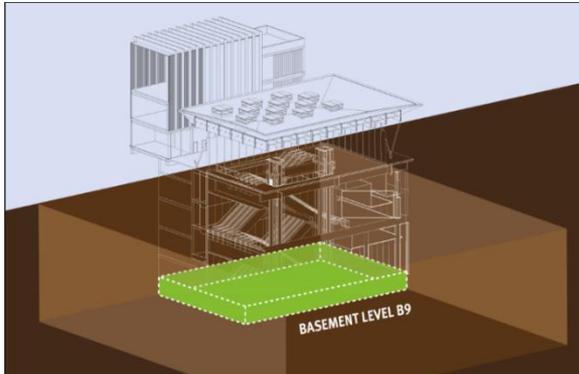
Scan the code to watch a time lapse video showcasing the first 'jump'



The station structure is now on its way up with walls and basement levels being established

Jump form system – what is it?

Jump form is the term given to self-climbing formwork systems designed to construct vertical concrete structures like lifts and stairs in high rise buildings and other concrete structures like silos, stacks, and chimneys. The formwork supports itself on concrete cast foundations independently and does not rely on support or access from other parts of the building or permanent works.



Station progress to date: the slab and walls of basement level 9 (B9) have now been poured within the station box

What to expect

Potential noise, dust and vibration from the following work may affect neighbours. Every effort is made to minimise impact as much as possible:

- Temporary lighting for out-of-hours work in the station box and decline ramp, which is used to transport materials from the surface. Some light will be noticeable from the surface
- TBM operation and support including spoil removal via the conveyor to the acoustic shed, where it is stored for transport
- Removal of excavated material during approved haulage hours by trucks, using designated routes. Dust suppression is undertaken regularly by water trucks on site and at access gates
- Ongoing excavation underground for 24-hour cross passage excavation

Work is subject to relevant approvals and suitable weather conditions.

Dust Management – Know the Facts

Issues relating to dust levels at Woolloongabba have been raised recently and regrettably some misinformation has resulted in a number of people asking for clarification about dust at the Woolloongabba worksite:

- 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.
- Independent sampling conducted has shown air quality at the Woolloongabba site meets stringent Workplace Health and Safety requirements.
- A review by Workplace Health & Safety Queensland has confirmed there was no non-compliance specific to the issues raised.
- The project team can reassure nearby residents that stringent safety measures and controls are in place and there is no risk to health.
- The safety of our workforce and the public is our top priority and control measures are continually reviewed and to ensure highest possible standard.

More details are on our website and if you have any questions, we encourage you to contact the project team on 1800 010 875.



Track the TBMs and roadheaders by scanning this QR code!

