

Works Notice

February 2021

Southern Area construction update

Excavation of the Boggo Road station box is approximately 70% complete and installation of canopy tubes, which provide ground support for the station cavern, is ongoing.

In the Southern Tunnel Portal works area, utilities relocation, site establishment and piling continues.

Boggo Road station construction site

Construction activities

Activities on site include:

- Excavation, earthworks and associated haulage
- Installing rock anchors, soil nails, shotcreting and ground support
- Canopy tube installation which is approximately 20% complete, and associated activities
- Delivery of a roadheader which will be used for cavern excavation
- Complete the installation of fencing along the busway
- Delivery of machinery, equipment and materials
- Installing reinforcement and concrete for the station structure
- Installation of traffic barriers on Joe Baker Street.

Tower crane

During January, one of the largest capacity tower cranes in the world was delivered and assembled at the Boggo Road site. This crane has an impressive lift capacity of 330 tonnes at a 15-metre radius. The crane will assist station construction with installation of precast concrete units and formwork, removal of machinery from the station box and general lifting operations.

Work hours

The Boggo Road site is now operational 24 hours a day, 7 days a week. Out of hours work is required due to traffic permits, safety requirements and construction methodology, with works on the site to include (but not limited to):

- Works associated with station box excavation such as earthworks, plant movements, drilling, anchoring and shotcreting
- Installation of canopy tubes
- Concrete deliveries
- Over-sized equipment deliveries.

Additional notification will be provided prior to out of hours work. Work is subject to relevant approvals and suitable weather conditions.



Image: Work continues at the Boggo Road station site

Southern Tunnel Portal Works Area

Construction activities

Activities on site include:

- Site facilities and office establishment
- Excavation, earthworks and associated haulage
- Installing permanent site fencing and gates
- Commence piling activities at the southern end of Kent Street
- Delivery of machinery, equipment and materials
- Continue utilities relocation work including Telstra and sewer and stormwater infrastructure on Kent Street, Railway Terrace and Pound Street
- Installing rail signalling within the rail corridor
- Installing a water connection, drainage and stormwater work on Kent Street
- Tree trimming on Kent Street.

Weekend work in the rail corridor

Work will occur within the rail corridor during February. These activities will occur outside of the project's normal working hours. Details of the works will be provided closer to the work starting.

Interruptions to water, power, telecommunications, and gas supply

Some work listed above may require the temporary interruption to services. The community will be notified by service providers, where required. Outages can also be monitored through service provider's websites:

- **Energex:** energex.com.au/home/power-outages/planned-maintenance-outages
- **Telstra:** outages.telstra.com.au
- **Queensland Urban Utilities (QUU):** urbanutilities.com.au/faults-and-interruptions

Survey, service and ground condition investigations

Throughout February, the team will investigate and survey underground utilities including power, water, sewer and telecommunications near Kent Street and within 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: Map showing the Southern Area work sites

What to 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 fencing installation.
- Work is subject to relevant approvals and suitable weather conditions.
- Intermittent maintenance activities.
- Temporary lighting to support out of hours work.
- Canopy tube installation and support activities undertaken 24 hours a day 7 days a week.
- Temporary changed pedestrian access and temporary changed traffic conditions including lane closures near Kent Street and the Boggo Road precinct.
- Standard construction times are **6:30am to 6:30pm, Monday to Saturday**, however work will occur outside of these hours due to traffic permits, safety requirements and construction methodology. Workers may arrive onsite one hour prior to the work start times to prepare for the shift's activities.

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