

Gold Coast Light Rail - Underground Services Exploration

Construction of Stage One of Queensland's first light rail system is planned to start in January 2012.

In June 2011 GoldLinQ was awarded the contract to design, build and operate Stage One of the light rail system. In partnership with the State Government and Gold Coast City Council they will deliver a \$1 billion world class public transport system for the Gold Coast that is scheduled to commence operations in 2014.

McConnell Dowell (MacDow) and Bombardier Transport (BT) Joint Venture are the design construct and delivery arm of the GoldLinQ consortium. MacDow will design and deliver the track works, roadworks, bridges, station structures and buildings. BT will deliver the rail systems including design and installation, and bring into service the rail systems, rail power and light rail vehicles.

As part of the planning works, MacDow need to undertake geotechnical activities along the Stage One corridor from Griffith University to Broadbeach. This work lets us identify soil types and the location of underground services such as gas and water pipes, telecommunications and electricity cables.

What to expect:

Underground utility investigations will be completed in two phases where required.

- During the first phase you may see contractors using locating devices and opening manholes along roads and footpaths. This can take up to half an hour to complete in each location.
- During the second phase of service investigations potholing and vacuum techniques may be used to physically confirm the exact location of the underground services. This work may take up to four hours to complete in each location.
- This may involve minor jack hammering, concrete cutting and the use of vacuum trucks.
- Where required, barriers will be installed to ensure safety and minimise disturbance.
- Excavations will be backfilled and reinstated to existing pavement or landscaped conditions.
- There may occasionally be a need to close one lane of traffic for a short period. Traffic management will be in place to minimise delays to traffic.
- The locations of these tests have been carefully chosen to minimise disruption as much as possible and all activities will be undertaken during daylight hours to minimise noise disturbance.
- GoldLinQ will provide further detail on the construction program once these activities are completed and the construction program can be finalised.



*A surveyor with ground penetrating radar unit.
Image courtesy of Gold Coast Rapid Transit project*

Stage One is the 13-kilometre light rail corridor connecting Griffith University to Broadbeach, passing through the key activity centres of Southport and Surfers Paradise. You can keep up-to-date with the progress of the light rail works through the website at www.goldcoastrapidtransit.qld.gov.au or call the project hotline on 1800 967 377* and select the GoldLinQ option.

Email us at information@goldlinq.com.au * Free call within Australia. Call charges may apply from mobile phones.

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