

Overhead Line works in Southport

In late February 2013, GoldLinQ consortium member Bombardier Transportation (BT) began installing the equipment needed to power light rail vehicles and stations.

Works including the erection of overhead line poles and wires commenced in Queen Street to be followed by Nerang Street.

Once poles and cantilevers (used to support the overhead wires) are in place, the overhead wires are installed.

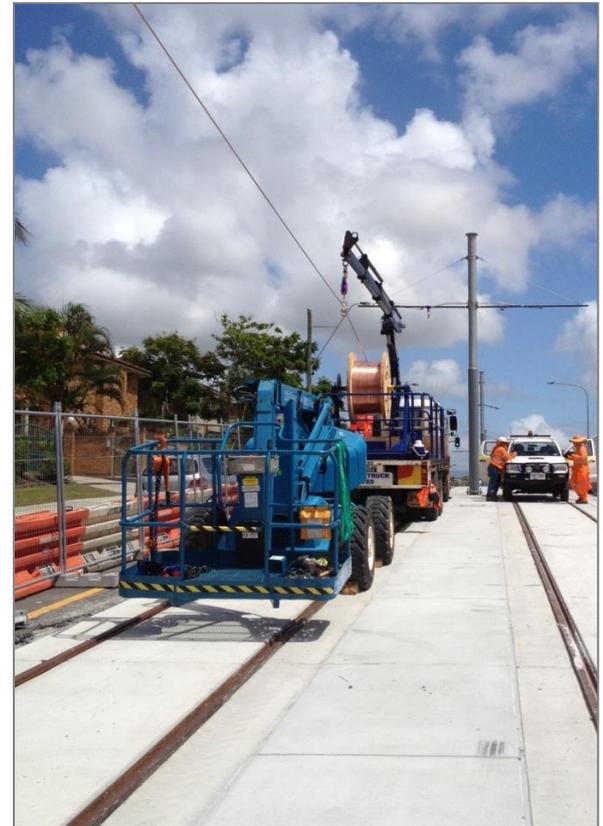
In addition to overhead line equipment, installation of sub-surface cabling, traffic signals for the tram, traction (power) sub-stations and fibre optic communication systems will occur.

Traffic changes:

- Traffic control will be in place to temporarily stop and hold motorists while overhead poles and wires are lifted and secured within the work area.
- Closure of the adjacent traffic lane may be required in certain areas while the slinging of overhead wires occurs. Detours will be signed.
- Temporary intersection and footpath closures will be required while overhead wires are installed at road crossings.

What to expect:

- Detours and traffic management measures including traffic control and Variable Message Signs will be in place.
- Residential access will be maintained.
- Pedestrian access routes will be maintained around the construction area. Temporary footpath closures near the active work area may occur and alternative routes will be signed.
- Heavy machinery including crane and truck movements will be required.
- Cherry pickers will be used while securing the overhead wires to cantilevers.
- Traction (power) sub-stations will be installed at three locations in Southport including the Depot site, near the Queen and Nerang Street intersection and at the eastern section of Queen Street.
- The majority of construction work will be carried out between 6:30am and 6:30pm, Monday to Saturday.
- Some night works may be required.
(quieter) style reversing alarms to reduce noise.
- Light towers will be placed to limit glare to nearby residences.
- Timing of this work is subject to weather conditions and construction constraints.



Installation of overhead wires at Queen Street

