



Substation Deliveries

Delivery of the pre-assembled Traction Power Substations* (TPS) that provide power to overhead wires will begin in April.

The first two deliveries are scheduled to occur:

- Saturday 13 April 2013 with delivery of a TPS to the Depot facility near Olympic Circuit requiring no traffic lane closures.
- Sunday 14 April 2013 with delivery of a TPS to be located at the corner of Nerang and Queen Street requiring a westbound lane closure of Queen Street between Nerang Street and Mal Burke Street between 8:00am and 6:00pm.



Traffic movements during TPS delivery Sunday 14 April, 2013

Traffic changes Sunday 14 April:

- The westbound lane of Queen Street will be closed between Nerang Street and Mal Burke Street (see map). Access for local residents will be maintained under traffic control via Mal Burke Street.
- A partial closure of Nerang Street eastbound prior to the Queen Street intersection will be required for approximately one hour while the TPS is craned into position. Through traffic on Nerang Street will be maintained at all times under police control.
- Residents need to be aware that following traffic control directions is vital for their safety.

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.

*About Traction Power Substations:

The overhead wires are energised at 750 volts supplied from six Traction Power Substations (TPS) situated along the 13-kilometre route at the Depot, corner of Queen and Nerang Streets, Brighton Parade, Wharf Road, Ferny Avenue and Gold Coast Highway near Pacific Fair.

TPS buildings are approximately 12 metres long, 4.4 metres wide and 4 metres high and are designed to be unobtrusive with wooden external panels and landscaping elements to be installed prior to project completion. Power is delivered to the overhead wires via feeder cables that run from the TPS' in conduits and pits. The power then travels up the inside of the overhead line poles and out across the cantilevers and onto the overhead contact wires.

Timing of this work is subject to weather conditions and construction constraints.

We apologise for any inconvenience and thank you for your patience during construction.

Keep up-to-date with the progress of Queensland's first light rail and to sign up for updates visit goldline.com.au or call the project hotline on 1800 967 377* CN00031/Z

