



NEWSLETTER

NOVEMBER 2016



INSTALLATION OF STEEL NOISE BARRIER POSTS

Since the official start of construction in July 2016, there has been a burst of activity along the project alignment, particularly around Smith Street, the Smith Street Motorway, Olsen Avenue and Helensvale.

Major construction activities involve:

- Relocating and protecting public utility services, including gas, electricity, telecommunications, water and sewer.
- Removing vegetation within the project corridor.
- Site establishment, including clearing for site compounds and constructing temporary site offices.
- Installing temporary concrete barriers and boundary fencing along Smith Street and the Smith Street Motorway.
- Construction of site accesses along the project corridor.
- Bulk earthworks in all areas between Helensvale heavy rail station and the Gold Coast University Hospital light rail station.
- Major drainage works along the Smith Street Motorway.
- Site preparation and bulk earthworks at the site of the future Parkwood station park 'n' ride.
- Commencement of retaining wall structures close to the future Parkwood East station and Drysdale Lane.
- Construction of new the noise barriers along Smith Street and the Smith Street Motorway.

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Building bridges

Several piling machines have arrived on site and work on the Biggera Creek Bridge has already started with piling activities well underway. Site preparation and piling is due to commence at the Coombabah Creek Bridge in late November.

Biggera Creek Bridge:

- Six spans stretching a total length of 120 metres.
- 14 bored piles.
- 84 deck units weighing 25 tonnes each.



ARTIST'S IMPRESSION BIGGERA CREEK BRIDGE



ARTIST'S IMPRESSION COOMBABAH CREEK BRIDGE



Coombabah Creek Bridge:

- Three spans stretching a total length of 99 metres.
- Eight bored piles.
- 15 Super T girders weighing 70 tonnes each.

Terrain leveller

Two terrain levellers were delivered to the site in September to begin rock-cutting activities to remove approximately 84,000 tonnes of rock in two locations along Smith Street and the Smith Street Motorway.

Each terrain leveller moves back and forth with its rotating cutting drum over the top of the rock surface breaking the rock into pieces. It is anticipated that three terrain levellers will be used; two at Uplands Drive and one near Fairweather Drive and Drysdale Lane.

KEY FACTS

- 84,000 tonnes of rock will be removed in total.
- 200 cubic metres or 400 tonnes of rock removed per day.
- 220 teeth attached to the cutting drum
- Steering is controlled by GPS technology.
- Engine runs at 45 rpm moving the leveller approximately 20 metres per hour.



2014
Planning and analysis phase



August 2015
Reference design release



August 2015
Tender process commences



March 2016
Successful contractor announced



April 2016
Detailed design phase and early works



Mid-2016
Construction commenced – clearing and earthworks



Late 2016
Construction of noise barriers, retaining walls and stations commenced

January 2017
Track laying commences

Late 2017
Track laying complete. Testing and commissioning commences

April 2018
Stage 2 fully operational

Constructive kids' traineeships

Three students from Southport State High School have been selected to take part in on-the-job work experience as part of the construction of the Gold Coast Light Rail Stage 2.

The year 11 students will complete a 12 month school-based traineeship with the project, and graduate in front of proud parents, teachers and workmates at the end of Semester 1, 2017.

The innovative Constructive Kids traineeships offered by CPB Contractors have received strong support from Southport State High School.

Trainees spend one day a week with the project, participating in experiences that reflect 'real world' work situations. They then spend every other day in regular school classes, with extra periods provided to allow the students to catch up on school work.

CPB Contractors Project Director, Andrew Ross, said the traineeship program gives students a headstart using the expertise of CPB Contractors' staff to teach students 'best practice' methods during construction.

"The program is designed for students who intend to pursue a career in the civil construction industry and once complete they will receive a Certificate II in Civil Construction.

"We're excited about these students being involved in such an iconic project and wish them all the best!"



STUDENTS FROM SOUTHPORT STATE HIGH SCHOOL WITH SITE FOREMAN ASH ROBINSON (FAR LEFT)

Thanks for your feedback

Thank you to those who completed the online stakeholder survey carried out between 31 August and 14 September 2016. The survey was sent to those who have registered to receive regular updates from the project team. We received a large number of responses - comments were generally favourable, not only about the construction process, but the light rail itself.

Key highlights

- 83% of respondents were happy with the detail, relevance and timeliness of the information provided regarding the project.
- 83% of respondents believed that Stage 2 and the extended light rail system would benefit the Gold Coast.
- 76% of respondents were satisfied with the amount of information provided.
- 67% of respondents who had previously raised an issue or complaint were satisfied with the response time and the ability to resolve the query.

Most people who participated in the survey wanted to receive information on:

- Construction impacts.
- Road closures and changed traffic conditions.
- Timing of construction and schedules.
- Technical issues (e.g. noise barriers, air quality management etc.).

Respondents noted the preferred channels for receiving updates are newsletters, fact sheets and the project website.

The feedback received will help us ensure that the information we provide continues to be useful and that any issues affecting residents are dealt with in a professional and timely manner. Once again, thanks to those who provided feedback.

An impressive sight!

The first section of noise barriers along the Smith Street Motorway near Olsen Avenue are now in place. Approximately four kilometres of barriers will be installed across the project corridor, ranging in height from four to six metres depending on location. Noise barrier construction has been a project priority to provide privacy and reduce noise levels from the new light rail. The barriers will also assist with existing traffic noise for neighbouring properties.

Generally, the residential side of the barrier wall will be painted with a neutral tone finish. The side facing the light rail alignment will include a painted finish with patterning provided in and around the light rail station precincts consistent with the project's urban design concept.

Helensvale station



ARTIST'S IMPRESSION OF HELENSVALE STATION

When Helensvale light rail station is complete in early 2018, passengers will have a seamless, one transfer journey between the Gold Coast and Brisbane, with the option of stopping at any of the 19 light rail stations with bus connections at key activity centres along the corridor between Helensvale and Broadbeach.

KEY FEATURES:

- A new lift tower and raised pedestrian footbridge connecting Helensvale station with the new Gold Coast light rail.
- Centre island platform with passenger shelter and seating.
- CCTV security cameras and emergency help points that are monitored 24/7.
- Station building with plaza entry.
- Passenger information displays on the platform.
- Bike racks for casual cycle storage.
- 'go card' touch points at access points.
- Restroom facilities.
- 400 vehicle park 'n' ride facility.



NOISE BARRIER FEATURES

- Noise barriers are constructed from concrete panels, held in place with steel posts and then painted.
- Barriers higher than four metres will have transparent panels installed above this height.

Project information

Gold Coast Light Rail Stage 2 involves the design and construction of a new 7.3km route which runs from Helensvale heavy rail station adjacent to the Gold Coast Line, then adjacent to the Smith Street Motorway to connect with Stage 1 at the Gold Coast University Hospital light rail station.

The Queensland Government and GoldLinQ finalised the Stage 2 Project Documents on 28 April 2016. GoldLinQ's construction contractor CPB Contractors commenced construction in July 2016.

The \$420 million dollar project is being funded by the Queensland Government (\$270 million), the Australian Government (\$95 million) and City of Gold Coast (\$55 million).

GoldLinQ and CPB Contractors have committed to completing the project in time for the Gold Coast 2018 Commonwealth Games.

CONTACT THE PROJECT TEAM

If you have any questions or would like to register for more information, please contact the CPB Contractors Project Team on **1800 425 799*** or email **gclrstage2@cpbcon.com.au**.

Visit **www.gclrstage2.com.au** for more information and updates.

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Australian Government

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CITY OF
GOLD COAST™

GoldlinQ
Gold Coast Light Rail



Queensland Government