



SEQ Stabling Program - Banyo

Banyo rail stabling facility community update

The Department of Transport and Main Roads, in partnership with Queensland Rail, is delivering the South-East Queensland (SEQ) Rail Stabling Program. The program will deliver purpose-built, modern train stabling facilities across the rail network to support more passenger services.

The SEQ Rail Stabling Program must ensure sufficient stabling capacity is built in time for the delivery of the New Generation Rollingstock (NGR), starting at the end of 2015. The first train is scheduled for delivery in late 2015 to undergo testing prior to beginning service on the network from mid-2016. The remaining NGR fleet will be progressively rolled out onto the network until late 2018.

What is a stabling facility?

A stabling facility is a place where trains are parked when they are not in operation. Typically, trains return to the stabling facility at the end of service and remain until they are required again.

What does a typical stabling site look like?

A typical stabling facility is a fenced, open-air site with train tracks, connections to the main line, overhead power supply, signaling and communication systems, CCTV and lighting. Additional infrastructure and buildings are required to support stabling operations. This includes crew facilities comprising offices and staff amenities (toilet and shower facilities), staff carparks, roads and walkways.

Benefits of rail stabling

Each morning, trains leave an inner city stabling yard and travel out to the extremities of the network to begin morning services. Trains travel empty on the network, costing money and using valuable track space. Well-located stabling facilities:

- Improve network capacity
- Reduce network operating costs
- Increase reliability
- Allow an increase to train services.

For your information



Where are trains stabled now?

Most trains are held at the inner-city Mayne stabling facility located at Bowen Hills. The Mayne stabling facility is supported by smaller outer network depots at Caboolture, Ipswich, Redbank, Robina, Nambour, Petrie, Manly, Gympie North and Beenleigh.

What will be stabled at the Banyo facility?

The facility will be designed and delivered to accommodate four six-car trains. Currently, NGR trains are earmarked for Banyo. Older trains may be stabled there on occasion, depending on operational requirements.

Where will the Banyo stabling facility be located?

The Banyo stabling facility will be located between the existing rail line (Shorncliffe) and the maintenance sheds on Royal Parade.

Why was this site selected?

The selected location provides the best operational outcomes and is the only site that will allow trains to run directly to Shorncliffe without inefficient shunting movements. In addition, the site is the most efficient use of available land in the existing rail corridor.





Were other sites considered instead of Banyo?

Yes. Many potential sites were investigated to assess suitability for rail stabling facilities. The four sites selected performed best on a number of criteria such as site conditions, constructability, technical feasibility, potential community impacts, cost and operational benefits. Other facilities will be located in Elimbah, Robina and Woombye.

Will there be changes to the existing rail sheds at Banyo?

There may be some modifications to the existing building's support columns. Queensland Rail does not anticipate any major demolitions of buildings at this stage.

Will I experience an increase in traffic at the Banyo rail crossing during construction?

No significant impact on local traffic is expected due to site activity as workers will access the stabling facility via a purpose built road, from Royal Parade East. Guardhouse Road at the rear of Queensland Rail's maintenance facility at Banyo, has been extended.

What is the schedule of a stabling facility?

Usually, stabling facilities create a low-level of rail activity during the day. Most activity occurs after the afternoon peak and before the morning peak to prepare the trains for the first morning service.

Operations include the arrival and departure of four trains that are prepared for the next day's service.

Use of the Banyo stabling facility will depend on operational requirements, including:

- When they complete their final evening services
- When and where trains are needed the next morning
- Future train timetabling requirements and changes.

When the operational schedule for the Banyo train stabling facility has been completed, this will be shared with the community.

What night time operations can be expected at Banyo?

The trains stabled at Banyo will be subject to internal cleaning, minor maintenance (such as changing light bulbs) and routine inspections only.

For your information



Will I hear an increased number of klaxons (train horns)?

The use of klaxons is a mandatory safety requirement for all users of the rail network. Four trains will be stabled at the facility and are required to sound their klaxon once on arrival and departure.

Will there be any screening between the stabling yard and the closest residence?

A wall will be constructed between the new stabling facility and the residences on Royal Parade. It will screen the view of the facility and will have noise attenuating properties. Further information will be provided following detailed design, which is being undertaken by Leighton Contractors.

What is the current phase of the project?

The project is in the detailed design phase. The project team will return later in the year to share detailed design information and proposed construction timeframes.

What is the design process?

The design process involves extensive analysis and local area investigations to develop a comprehensive plan for the project. The process follows a number of stages, where the concept layout is prepared and general site orientation determined. From this, the layout is refined into a preliminary design where key features and functionality are decided. Finally, the detailed design is prepared which provides a high level of detail on all features of the site. This is used for construction of the project.

When is construction expected to commence?

Early works and site preparation is expected to commence in July 2015. Construction of the stabling facility will start following completion of the detailed design in March 2016. We anticipate construction will be complete in August 2016 and the facility to be operational by January 2017.

Where can I find out more information?

If you have a specific question that has not been addressed in this fact sheet, have a question for clarification or would like to register for more information, please contact a member of the Project Team on **1800 783 334** (free call) or **stabling@qr.com.au**.