



South East Queensland Stabling Program Fact Sheet – Elimbah Stabling Facility

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 track, connections to the main line, overhead power supply, signalling 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 yard 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 Elimbah facility?

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

Where will the Elimbah stabling facility be located?

The Elimbah stabling facility will be located alongside the existing rail corridor between Beerburrum Road and Sanna Lane, between Caboolture (6 km) and Elimbah (1.8 km) stations.





Were other sites considered instead of Elimbah?

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 Banyo, Robina and Woombye. A fifth stabling facility is being constructed at Kippa-Ring as part of the Moreton Bay Rail Link project.

What will be 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 eight trains that are prepared for the next day's service.

Use of the Elimbah 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 Elimbah stabling facility has been completed, this will be shared with the community.

What will the impacts be?

As most activity general occurs at night, stabling facilities must have adequate lighting for the safety of staff and to provide security around the site. Lighting will be maintained at a minimal level of illumination (lux) unless activated by movement. Modern directional LED lights will be used to minimise light impacts.

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

The existing rows of trees, which are approximately 10 meters deep on either side of Beerburum Road, will provide visual screening for residents located north of the facility.

For your information



Will the noise and vibration be louder than I currently experience?

Changes in noise levels cannot be confirmed until the detailed design is finalised. Noise modelling and noise management measures will ensure noise remains within approved guidelines. Further information will be provided following detailed design, which is being undertaken by Leighton Contractors.

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. Eight trains entering and exiting the stabling facility will sound their klaxons once only on arrival and departure.

What is the current phase of the project?

The project is in the detailed design phase. The Project Team will provide further updates to share detailed design information and proposed delivery timeframes following this process.

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?

Site establishment and early works will commence in July 2015. Detailed design will be finalised later this year. Stabling yard construction will start in August 2015 and we anticipate the facility to be operational by September 2016.

Where can I find out more information?

If you have a specific question that has not been addressed in this fact sheet, would like to register for more information or speak to a member of the Project Team, contact:

Phone: 1800 783 334 (free-call) **Email:** stabling@qr.com.au