

CABRAMATTA LOOP PROJECT

CONSTRUCTION FACT SHEET

The project

The Cabramatta Loop Project will increase rail freight capacity on the Southern Sydney Freight Line by constructing a new 1.65km section of track, allowing freight trains travelling in either direction to pass each other.

Together with the Botany Rail Duplication, it will build capacity to meet predicted growth in demand for freight to be carried on rail between Port Botany and metropolitan freight intermodal terminals.

Major construction started in early 2022 and the project is due to be completed in early 2024.

This fact sheet briefly explains and describes the different elements of construction involved in the project including new rail track, realignment of the existing track, bridge works and road works, including urban design and landscaping.

New rail track

We are building a 1.65 kilometre section of new track next to the existing track, with connections to the existing track at the northern and southern ends. This will allow freight trains travelling in either direction to pass each other.

This work involves earthworks, using earthmoving machinery and equipment to create the trackbed out of a layer of crushed rocks known as the 'ballast'. The rail sleepers and track are laid on top of the ballast, which is compressed to form a stable base and keep the track level. The ballast also helps with drainage.

We are installing extensive train control signals and services that will connect into the existing rail network, to allow the trains to run safely. Two turnout switches will also be installed on the track, so that trains can be switched between the new and old tracks.

Project by numbers



169

Metres of new bridge deck



3000

Cubic metres of concrete used



1650

Metres of new track laid



2700

Cubic metres of earthworks



687

Metres of noise wall relocated



31

Driveways to be reinstated



This machine clamps clips to the rail, to keep it fixed in place

Track realignment

We are moving about 550 metres of existing track sideways at Warwick Farm to make room for the new loop track.

This work involves cutting the existing track and removing the sleepers and ballast. Then we carry out earthworks, place ballast in the new location and replace the sleepers and track.



Work underway as part of the track realignment

Bridge works

We have constructed two new bridges next to the existing rail bridges over Sussex Street and Cabramatta Creek. These bridges will form part of the 1.6km Cabramatta Loop.

This work involved installing a series of concrete piles (column-like structures that go deep into the ground to provide foundation support) for each bridge. Steel-reinforced concrete piers and pier caps (known as headstocks), were then constructed. Large mobile cranes were used to

install bridge girders (concrete planks) on the headstocks to form the deck of the bridge. Next, fixtures and handrails were installed onto the new bridge structure. Finally, ballast, sleepers and the track itself are placed on the bridge.



A plank being installed on the new Cabramatta Creek bridge.

Road works

The widening of the rail corridor means we are making changes to about 680 metres of Broomfield Street, between Sussex and Bridge streets at Cabramatta.

This work involves excavation and earthworks to prepare for the new road location, installation of new drainage systems to manage stormwater and relocation of existing utilities including water, sewer, telecommunications and electrical. We are also constructing new kerb, gutter and footpaths, and installing new street signage and landscaping. Final works will involve resurfacing the road and completing new line-marking.

When finished, Broomfield Street will continue to provide one lane of traffic in each direction and the number of car parking spaces in the project area at Cabramatta will remain the same.



Road works on Broomfield Street.

Retaining wall works

We are constructing two major retaining walls on the project – one between Cabramatta Creek and Sussex Street and one along Broomfield Street, Cabramatta – to support the new earthworks and rail line.

We are also relocating the existing 687 metre noise wall along Broomfield Street. This involves constructing a new retaining wall in front of the existing wall, then moving the noise wall panels across to the new retaining wall (as you can see in the image below).

Finally, the old retaining wall is being removed – and because it is behind the newly-installed noise wall, impacts to residents when removing the old wall are minimised.



Noise wall works in Broomfield Street.

Jacquie Osmond Reserve

The project includes works in Jacquie Osmond Reserve at Warwick Farm. Part of the softball playing field in the reserve has been temporarily unavailable during construction and the project has worked closely with the Southern Districts Softball Association so that games can continue on the remaining softball diamonds.

When we've finished rail line construction and drainage works in this area, we will also complete works on a new embankment alongside the rail line. Further work will include earthworks to reinstate the playing surface, construction of an access road from Station Street and planting new trees to provide screening and protection.

Discussions are also taking place to allow the project to leave the hardstand area used for the site offices and car park after the project is finished, for community use.



Works in Jacquie Osmond reserve



Translation and Interpretation Services

Please call **131 450** and ask them to call the project team on **1300 550 402**.

Vietnamese

Dịch vụ Thông Phiên Dịch – vui lòng gọi số 131 450 và nhờ họ gọi cho toán phụ trách dự án qua số 1300 550 402.

Chinese Simplified

翻译与传译服务——请致电131 450，并请他们接通项目团队电话1300 550 402。

Arabic

خدمة الترجمة التحريرية والشفهية - اتصل على الرقم 131 450 واطلب منهم الاتصال بفريق المشروع على الرقم 1300 550 402.

Khmer

សេវាកម្មបកប្រែភាសា - សូមទូរស័ព្ទទៅលេខ 131 450 ហើយសុំឱ្យគេទូរស័ព្ទទៅគ្រូបកប្រែភាសាសម្រាប់លេខ 1300 550 402។

Chinese Traditional

翻譯與傳譯服務——請致電131 450，然後要求他們接通項目工作組電話1300 550 402。

WANT TO KNOW MORE?

p: **1300 550 402**

e: **cabramattaloop@fultonhogan.com.au**

w: **cabramattaloop.com.au**



Register for project updates by hovering your phone over the code (visit the Contact Us page)

