

THE LOOP

News from the Cabramatta Loop Project March 2023

CLP_27



The final planks have been installed on the Cabramatta Creek rail bridge.

This issue looks at the completion of a major phase in construction of the two new rail bridges over Cabramatta Creek and Sussex Street, a temporary road closure and upcoming works in the rail corridor and on Broomfield Street. If there's something you want to hear about, please let us know.

BRIDGE MILESTONE

The Cabramatta Loop Project is a step closer to completion following the successful installation of the final bridge planks on the new Cabramatta Creek rail bridge this month.

Concrete planks weighing up to 50 tonnes each were installed on the final three spans of the new 123-metre long Cabramatta Creek rail bridge, marking the end of this important stage of construction.

The lift was performed by a 750-tonne crane which was trucked to site in sections before being assembled. Lifting in the planks involved careful planning and execution due to its location near the edge of the creek, ground conditions and restricted access.

A total of 84 planks have been installed to the Cabramatta Creek and Sussex Street bridges since November last year. Impressively, each lift was performed without disruption to the nearby train lines.

Completion works are now underway including joint sealing, water proofing and drainage, with ballast (the layer of rock underneath the track) and the track itself to be installed later this year.

The team has overcome some significant challenges since construction of the bridges began in early 2022, including heavy rainfall and flooding around the bridge construction areas.

BROOMFIELD STREET NOISE WALL MOVE

The team has hit the ground running in 2023, completing a number of pre-planned track closures and moving onto the completion works for the two rail bridges.

Soon we will start one of the most visible activities remaining on the project – the relocation of the noise wall on Broomfield Street. Construction of a new retaining wall, forming the base of the noise wall, is nearing completion. In the coming weeks, the relocation of the noise wall panels onto the new retaining wall will begin.

Cranes will be used to relocate 1600 individual panels onto the new retaining wall, in a staged operation expected to take up to 12 weeks, weather permitting.

The team will also continue demolishing the remaining sections of the old retaining wall with large machinery, including hammers. This work will take place during our pre-planned rail possessions and during standard working hours. Details of this work will be made available before the work starts.

Due to the staged nature of this work, there will be a period of time when sections of the noise wall will be left open to the rail corridor. During this time, we will install noise blankets to reduce the impacts of rail traffic on nearby residents.



The Broomfield Street noise wall is moving soon.

SUSSEX STREET ROAD CLOSURE

We will soon be starting construction activities on and around the Sussex Street rail bridge that will require the temporary closure of the Sussex Street underpass, to ensure the works are performed safely and efficiently.

Sussex Street is scheduled to be closed to traffic in both directions for five weeks from **Tuesday 11 April** to **Tuesday 16 May**, weather permitting. In the event of poor weather or other unexpected delays, these dates may change and we will let you know as soon as possible. Works will continue on Sussex Street bridge, as well as noise panel relocation, stormwater drainage/sewer installation, footpath, kerb and gutter concreting, road resurfacing, landscaping and signage installation and underground services upgrades.

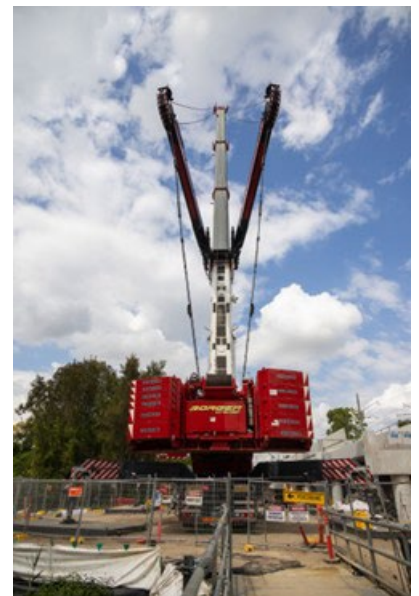
The work will take place during standard construction hours. We will monitor noise during the work so we can manage impacts and adjust our work, where possible.

During this time, cycling and pedestrian access will be maintained through the area, including along the shared path between Sussex Street and Jacquie Osmond Reserve. We ask that you follow the directions of traffic controllers and project signage in the area. A map showing the detour routes during this closure is shown below.



The Sussex Street underpass will temporarily close for five weeks.

Here is a selection of images showing the installation of the planks on Cabramatta Creek bridge – starting with a truck driving in one of the planks to the work site and then the movement of the plank into position using a crane.



WATCH PLANK LIFT

A major milestone was achieved with the lifting of the final planks onto the new rail bridge at Cabramatta Creek. Click on the below video to watch the lift.



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

RAIL BRIDGE FACTS

Sussex Street rail bridge

- 14 piled foundations
- 35 planks
- Planks are 6.5-8.5 metres long and weigh up to 14.5 tonnes
- Bridge span is 45 metres

Cabramatta Creek rail bridge

- 18 piled foundations
- 48 planks
- Planks are 14-21 metres long and weigh up to 50 tonnes
- Bridge span is 123 metres



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 ហើយសុំឱ្យគេទូរសព្ទទៅក្រុមការងារគម្រោងតាមលេខ 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?

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