

BOTANY RAIL DUPLICATION NEWS

January 2023



Work on the new centre pier for Southern Cross Drive bridge

WHAT HAVE WE BEEN UP TO?

The Botany Rail Duplication project has hit some major milestones in the last part of 2022.

The project recently completed work on the centre piers of the Southern Cross Drive bridge, which involved drilling two piles in the middle of the Southern Cross Drive median strip. Each pile was bored to a depth of 37 metres deep and filled with approximately 100 cubic metres of concrete.

Piling is a foundation support commonly used for concrete structures. It is a technique that sets a column-like structure deep in the ground to support a new bridge. Months of planning was needed to complete the centre pier work within one of the busiest road corridors in Sydney and also within the restricted airspace around the project because of its location near the airport.

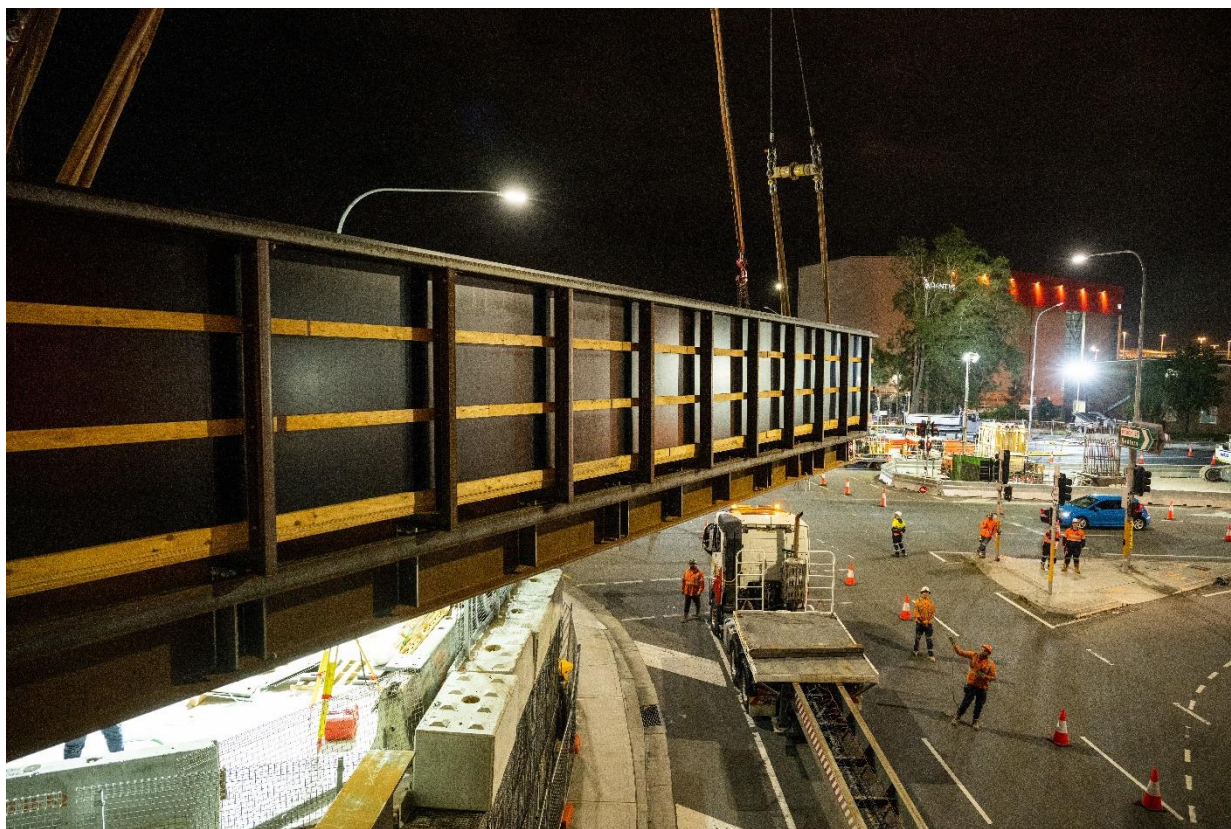
At Mill Stream, a short distance east of Southern Cross Drive, four 50-tonne concrete girders were lifted across the rail tracks to land in their final positions, making the Mill Stream bridge the first bridge on the project to be fully completed (see the picture overleaf).

Nearby at Botany Road bridge, four piles were installed in preparation for new bridge slabs which were laid on the approach to the bridge. Each pile was fully cased and drilled out to 12 metres.

At Robey Street bridge, a 40-tonne structural steel girder was lifted into place by a 250-tonne crane in preparation for girder construction for the new Robey Street bridge.

Other works along the project include ongoing earthwork, pit installation work and cable and signalling work. Work for a significant retaining wall that will retain the duplicated track for 120 metres between Mill Stream and Southern Cross Drive is currently underway.

RECENT WORK



The installation of the steel girder at Robey Street bridge



A girder being lifted into place at Mill Stream bridge

WHATS NEXT?

We are gearing up for a track closure weekend on 14 and 15 January, when the trains are not operating and we have a chance to complete the type of work we cannot do when the trains are running.

On this weekend, we will be undertaking track construction and signalling foundation work, installation of precast concrete sections at both O'Riordan and Robey Street bridges and track reconditioning works in and around Cooks River, near Qantas Drive.

In a major milestone for the project, Robey Street will be closed of the weekend of 3-6 February to allow the old rail bridge to be demolished and a new, wider bridge to be installed.

Over the next few months, we will also continue piling work at the Botany Road and O'Riordan Street bridge. Track reconditioning, cutting and rail grinding and underbore work will continue along the project alignment in the rail corridor, in preparation for the additional track and new bridges.

**To provide feedback about the works:
please call our 24-hour Enviroline on 1300 550 402,
email botanyduplication@jhq.com.au, or
mail John Holland, Level 3, 65 Pirrama Road, Pyrmont, NSW, 2009
and quote reference number: BRD27**



131 450

Translation and Interpretation Services

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

Bengali

অনুবাদ এবং দোভাষী পরিষেবা - অনুগ্রহ করে 131 450 নম্বরে টেলিফোন করে প্রজেক্ট টিম-কে 1300 550 402 নম্বরে কল করার জন্য অনুরোধ করুন।

Chinese Simplified (Mandarin)

翻译与传译服务 -- 请致电131 450，然后请他们致电项目团队 1300 550 402。

Chinese Traditional (Cantonese)

翻譯與傳譯服務 -- 請致電131 450，要求聯絡項目團隊，電話 1300 550 402。

Greek

Υπηρεσίες Μετάφρασης και Διερμηνείας - Παρακαλείστε καλέστε το 131 450 και ζητήστε τους να καλέσουν την ομάδα έργου [project team] στο 1300 550 402.

Indonesian

Layanan Penerjemahan dan Juru Bahasa -Silakan menelepon 131 450 dan minta untuk menelepon tim proyek di nomor 1300 550 402.

Spanish

Servicios de Traducción e Interpretación - Llama al 131 450 y pídeles que llamen al equipo de proyectos, en el 1300 550 402.

JOHN HOLLAND

WANT TO KNOW MORE?

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