



BOTANY RAIL DUPLICATION

July 2023

Reference: BRD36

WHAT ARE WE DOING?

John Holland will be carrying out work on behalf of ARTC near you, in and near the rail corridor at locations in Mascot and Botany. John Holland is contracted to design and construct the project, which will duplicate the remaining 2.9km section of single line track to Port Botany. This will allow freight to be moved more efficiently and effectively.

The majority of work will take place during standard approved construction hours, which are: Monday to Friday, 7am to 6pm, and 8am to 6pm on Saturdays. Some of this work may be noisy.

Due to the nature of construction activities and for the safety of workers, some work will occur outside standard construction hours. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for transporting oversized vehicles.

Thank you for your patience while this work takes place. For further information about the work or to provide feedback about planned work in your area, please contact **ARTC Enviroline on 1300 550 402**, or email the project at botanyduplication@jhg.com.au or write to: **Level 3, 65 Pirrama Road, Pyrmont NSW 2009** and quote reference number **BRD36**.

UPCOMING WORK

WHEN: Monday to Friday (7am to 6pm) and Saturday (8am to 6pm), 1-31 July

WHAT: The following activities will take place during standard approved construction hours.

LOCATION	WORK
Mascot	<ul style="list-style-type: none"> Girder jacking, concrete pours and crane movements near O’Riordan Street bridge Pile breaking, excavation for piles and drains, earthworks, welding, temporary steel removal near O’Riordan Street bridge Demolition of temporary concrete slabs and excavation for deflection wall near Baxter Road compound Construction of rail formation and access roads, drainage works, and precast construction between O’Riordan Street Bridge and General Holmes Drive compound Drainage and earthworks between Robey Street bridge and King Street Earthworks around Robey Street bridge abutments and centre pier
Southern Cross Drive	<ul style="list-style-type: none"> Southern Cross Drive steel reinforcement, piling and concreting work Footing excavation and panel wall installation
Botany/Pagewood/Banksmeadow	<ul style="list-style-type: none"> Ongoing drainage works around Ocean Street, Banksia Street, Mill Stream and Botany Road compound Installation of reinforced soil wall at Botany Road compound Earthworks on Ocean Street, Banksia Street and Mill Stream Installation of concrete barriers at Banksia Street compound Footing excavation and panel wall installation at Botany Road compound Installation of signalling infrastructure near Banksia Street and Swinbourne Street Grouting works at Mill Stream

	<ul style="list-style-type: none"> • Prebuilding track panels and preparing laydown areas at Banksia Street compound and Swinbourne Street • Installation of drainage pipes and pits near Mill Stream bridge and Botany triangle • Deliveries of sleepers, ballast and materials to Banksia Street compound and Swinbourne Street laydown area
Project alignment	<ul style="list-style-type: none"> • Rail, machinery and oversize plant material deliveries • Site inspections, signal investigations and surveying • Potholing and excavation work • Backfilling, spoil removal and compacting work • Utility work, including investigation, protection and relocation work • Vegetation clearance • Landscaping • Spoil transport and deliveries

OUT OF HOURS WORK

WHEN: 1-31 July: Nightwork 6pm to 6am, 1pm to 6pm (Saturdays), Sundays 8am-6pm (non-disruptive work)

WHAT: The following activities will take place:

LOCATION	WORK
Mascot	<ul style="list-style-type: none"> • Girder concrete pour at O’Riordan Street bridge • Structural steel removal works at O’Riordan Street bridge • Sydney Water works near Botany Road and the General Holmes Drive compound • Crane installation and movements • Oversized truck delivery for sleepers and steelwork at General Holmes Drive compound
Southern Cross Drive	<ul style="list-style-type: none"> • Southern Cross Drive steel reinforcement and concreting work • Installation of street lighting at Southern Cross Drive central pier • Crane demobilisation
Botany/Pagewood/Banksmeadow	<ul style="list-style-type: none"> • Installation of drainage pipes and pits near Mill Stream bridge and Botany Road compound • Continuation of drainage works near Ocean Street, Banksia Street, Mill Stream bridge and Botany Road compound • Installation of drainage line under the footpath on Botany Road
Project alignment	<ul style="list-style-type: none"> • Oversized plant and materials delivery

SITE COMPOUNDS

Site compounds are used for the storage of equipment and materials. They also contain site facilities, including meeting rooms and toilets. Compounds are located at: General Holmes Drive, Baxter Road and Botany Road in Mascot, and Banksia Street in Botany. Verbal communication will be kept to a minimum on site and machinery will be turned off when not in use.

EQUIPMENT USED

Excavators, jackhammer, rail saw, piling rigs, mobile cranes, grader, vacuum trucks, concrete pump trucks, elevated work platforms, front end loader, roller-compactors, power hand tools, surveying equipment, semi-trailers, geotechnical investigation rigs, compaction equipment, construction vehicles, lighting towers, water carts, trucks and traffic control signs and barriers.

NOISE AND VIBRATION

Some earthworks, piling and compaction of materials may involve a method which causes vibration. People can be sensitive to vibration and can detect vibration levels that are well below the threshold for any risk of damage to buildings. Our project team will monitor vibration levels to determine minimum working distances from nearby residents and businesses.

Every effort will be made to keep noisy work to a minimum and reduce impacts to the community where possible. The Noise and Vibration fact sheet located at botanyduplication.com.au identifies construction activities and their associated noise levels in decibels (dBA).

HOW WE'RE MANAGING IMPACTS

Some of this work will be noisy. Impacted residents will be notified at least five days before out-of-hours work in their area. Every effort will be made to keep noise levels to a minimum and work will be monitored to make sure noise levels are being managed effectively.

Management measures include respite periods for high noise activities, non-tonal reversing and other equipment alarms (white noise instead of a 'beep-beep'), turning off equipment and machinery when not in use, keeping verbal communication to a minimum, and installing noise blankets where possible.

TRAFFIC

Up to eight car spaces will be temporarily out of use on Baxter Road, near O’Riordan Street, from 1 May to 31 August to allow oversize deliveries to take place.

There will be intermittent northbound and southbound single lane road closures on Southern Cross Drive bridge works and associated crane activity.

Vehicles will access the rail corridor via existing access gates at Botany Road and various project alignment access gates along the rail corridor. While most vehicles will be located inside the rail corridor during the work, some vehicles may be parked in the street close to these locations.

Intermittent lane closures on Botany Road, Southern Cross Drive, Robey Street, O’Riordan Street, Banksia Street, and Mill Pond Road may be required to facilitate site deliveries.

OUT OF HOURS – THREE MONTH SCHEDULE

The following table provides indicative information about works currently planned outside standard construction hours, including high noise works. The timing, type and scope of work may change due to weather or other unforeseen circumstances, and we will keep you informed. Further information will be provided in community notifications at least five days before the works take place.

DATE	LOCATION	SCOPE OF WORK
July (weekday nights)	O’Riordan Street bridge	<ul style="list-style-type: none"> Girder cutting and concrete demolition
	Southern Cross Drive bridge	<ul style="list-style-type: none"> Piling works Concrete pours Temporary steel installation and fixing
August	O’Riordan Street bridge and Robey Street bridge	<ul style="list-style-type: none"> Installing steel beams, in preparation for concrete work
	Southern Cross Drive bridge	<ul style="list-style-type: none"> Piling work
	Mill Stream bridge	<ul style="list-style-type: none"> Concrete work
	O’Riordan Street bridge	<ul style="list-style-type: none"> Piling work

	Rail corridor – Botany (Bay Street)	<ul style="list-style-type: none"> Track reconditioning work, including track cutting and resurfacing, rail dragging, welding and tamping (compacting the rock layer under the track) Excavation work Signalling works – installation of cables, signals, and changeovers Underbore works for new utilities
	O’Riordan Street bridge	<ul style="list-style-type: none"> Track removal Drainage work Civil works Cable route construction Piling work
	Robey Street bridge and Cooks River Loop	<ul style="list-style-type: none"> Cable route construction
	Mill Stream to Banksia	<ul style="list-style-type: none"> Track construction Track relocation and reconditioning
25 August to 30 August (5-day rail possession shutdown)	Rail corridor – Botany (Banksia Street and Ocean Street)	<ul style="list-style-type: none"> Track reconditioning and crossover installation work, including track cutting and resurfacing, rail dragging, welding and tamping
	O’Riordan Street bridge	<ul style="list-style-type: none"> Bridge and abutment demolition Bridge removal Track reconditioning work, including track cutting and resurfacing, rail dragging, welding and tamping
	Baxter Road	<ul style="list-style-type: none"> Protection Slab installation work including track support work (track cutting, welding and tamping) Earthworks and compaction work
September	O’Riordan Street bridge	<ul style="list-style-type: none"> Form, reo and pour works underneath O’Riordan Street bridge Temporary removal of steel and platform walkway
	Southern Cross Drive bridge	<ul style="list-style-type: none"> Temporary removal of steel

WORK LOCATIONS



Translation and Interpretation Services

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

Bengali

অনুবাদ এবং দেওয়ারী 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 - Llame al 131 450 y pídale que llamen al equipo de proyectos, en el 1300 550 402.



WANT TO KNOW MORE?

p: 1300 550 402

e: botanyduplication@jhgc.com.au

w: botanyduplication.com.au



Register for project updates via the QR code (visit the Contact Us page).



Australian Government

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