



# BOTANY RAIL DUPLICATION

April 2023

Reference: BRD32

## WHAT ARE WE DOING?

John Holland will be carrying out works 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 for the Botany Rail Duplication 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 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 works will be monitored to make sure noise levels are being managed effectively.

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. If you have any comments or questions about planned work in your area, including out-of-hours work, please email [botanyduplication@jhg.com.au](mailto:botanyduplication@jhg.com.au).

For further information about the work or to provide feedback, please contact **ARTC Enviroline on 1300 550 402**, or email the project at [botanyduplication@jhg.com.au](mailto:botanyduplication@jhg.com.au) or write to: **Level 3, 65 Pirrama Road, Pyrmont NSW 2009** and quote reference number **BRD32**.

## UPCOMING WORK

**WHEN:** Monday to Friday (7am to 6pm) and Saturday (8am to 6pm), 1-30 April

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

LOCATION	WORK
Cooks River (adjacent to Qantas Drive) and King Street	<ul style="list-style-type: none"> <li>• Drainage installation and swale channel construction at King Street</li> </ul>
Mascot	<ul style="list-style-type: none"> <li>• Concrete works at Robey Street bridge</li> <li>• Removal of structural steel and temporary block walls, and demolition of remaining abutments at Robey Street bridge</li> <li>• Concrete works including cutting, coring and reinforcement steel work at O'Riordan Street bridge</li> <li>• Installation of steel girders at O'Riordan Street bridge</li> <li>• Excavation, earthworks and works to construct concrete pile caps near O'Riordan Street bridge</li> <li>• Piling rig mobilisation and piling works, incl excavation and earthworks, at O'Riordan Street bridge</li> </ul>

	<ul style="list-style-type: none"> <li>• Steel cutting, spoil removal, ballast sieving and structural fill deliveries between General Holmes Drive and Baxter Road</li> <li>• Installation of cables at Botany Road bridge</li> <li>• Retaining wall work at Botany Road compound</li> </ul>
<b>Botany/Pagewood</b>	<ul style="list-style-type: none"> <li>• Installation of cables and earthworks at Mill Stream</li> <li>• Construction of retaining walls and installation of drainage pits and pipes in the rail corridor between Southern Cross Drive and Banksia Street</li> <li>• Installation of Sydney Water crossing under the rail line at Botany</li> <li>• Central pier and superstructure works including formwork, reinforcement and concrete pours, at Southern Cross Drive bridge</li> <li>• Temporary steel installation, scaffolding and access works at Southern Cross Drive bridge</li> <li>• Barrier installation work at Southern Cross Drive</li> <li>• Commencement of street lighting work on Southern Cross Drive</li> </ul>
<b>Project alignment</b>	<ul style="list-style-type: none"> <li>• Rail and machinery deliveries</li> <li>• Site inspections, signal investigations and surveying</li> <li>• Potholing and excavation work</li> <li>• Backfilling, spoil removal and compacting work</li> <li>• Utility work, including investigation, protection and relocation</li> <li>• Vegetation clearance</li> <li>• Earthwork, hardstand, general concrete and drainage work</li> <li>• Track installation and reconstruction</li> <li>• Signalling location foundation work and cable route construction</li> </ul>

**WEEKEND WORK (21-24 APRIL)**

**WHEN:** Weekend track closure work (including night works) from **10.00pm, Friday 21 April to 5am, Monday 24 April**

**WHAT:** The following activities will take place:

LOCATION	WORK
<b>Mascot</b>	<ul style="list-style-type: none"> <li>• Piling rig mobilisation and works at O’Riordan Street bridge and between O’Riordan Street and General Holmes Drive compound</li> <li>• Supporting track work at Baxter Road compound</li> <li>• Cable installation, track construction and signalling foundation work near Coleman Street</li> </ul>
<b>Botany/Pagewood</b>	<ul style="list-style-type: none"> <li>• Cable installation, track construction, signalling foundation work, cutting and welding in the rail corridor between Banksia Street and Port Botany</li> <li>• Out of hour deliveries of ballast and other materials at Banksia Street compound</li> <li>• Earthworks between Myrtle Street and Bay Street</li> <li>• Installation of drainage pipes and headwall near Banksia Street</li> <li>• Installation of Sydney Water crossing under the rail line at Botany</li> </ul>

## OUT OF HOURS WORK

**WHEN:** 1-30 April: Nightworks 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"> <li>• Removal of structural steel at Robey Street bridge</li> <li>• Demolition of remaining abutments at Robey Street bridge</li> <li>• Installation of structural steel at O’Riordan Street bridge</li> <li>• Crane set-up and pack-up at Robey and O’Riordan Street bridges</li> <li>• Concrete cutting including concrete coring, welding, oxy cutting and wire saws at Robey Street and O’Riordan Street bridges</li> <li>• Concrete pour for girders at O’Riordan Street bridge</li> <li>• Piling works at O’Riordan Street bridge</li> </ul>
Botany/Pagewood	<ul style="list-style-type: none"> <li>• Barrier removal and crane mobilisation at Southern Cross Drive bridge</li> <li>• Temporary steel truss installation at Southern Cross Drive</li> </ul>
Project alignment	<ul style="list-style-type: none"> <li>• Cable installation, track construction and signalling foundation work</li> <li>• Delivery of rail and oversize rail machinery</li> <li>• Out-of-hours material deliveries and mobilisation of machinery and equipment</li> </ul>

### 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 and 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 platform, front end loader, roller-compactors, power hand tools, surveying equipment, semi-trailers, geotechnical investigation rigs, compaction equipment, construction vehicles, lighting towers, trucks and traffic control signs and barriers.

### MANAGING NOISE AND VIBRATION

During some earthworks, vibration 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.

The Noise and Vibration fact sheet located at [botanyduplication.com.au](http://botanyduplication.com.au) identifies construction activities and their associated noise levels in decibels (dBA).

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

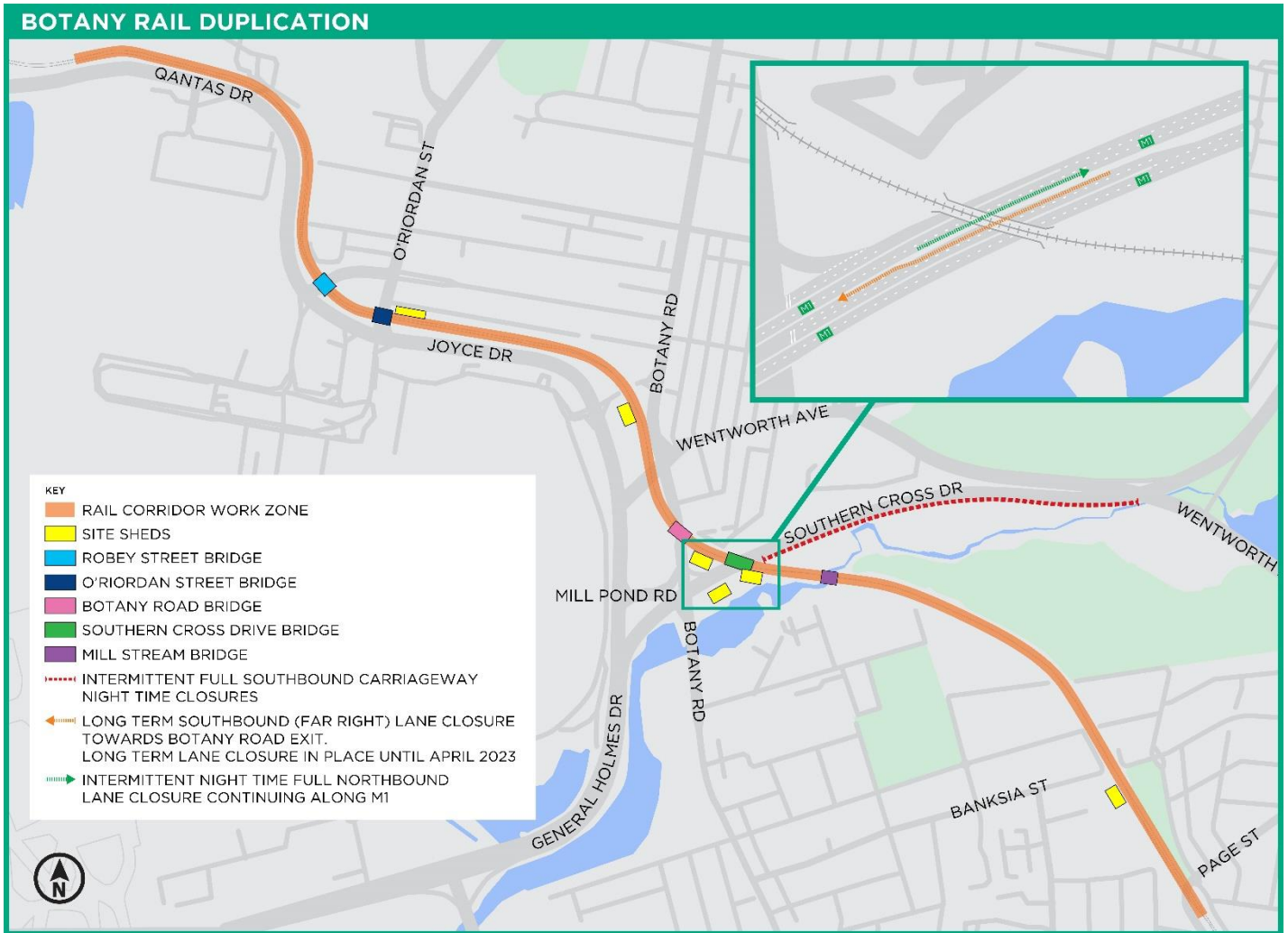
The southbound (far right) lane on **Southern Cross Drive** towards the Botany Road exit is scheduled to be **reopened in April 2023**, following a period of closure to enable works on the southern Cross Drive bridge.

Intermittent closures of the northbound far right lane (next to the median) on Southern Cross Drive will take place in April (see map on the last page). Full closures of the Southern Cross Drive northbound and southbound carriageway may be used on an ad-hoc basis at night, with a detour via Wentworth Avenue.

Vehicles will access the rail corridor via existing access gates at Botany Road and along various project alignment access gates in the rail corridor. While most vehicles will be located inside the rail corridor during the works, 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 Road, Mill Pond Road and McBurney Avenue may be required to facilitate site deliveries.

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 সেজন্যী 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@jhg.com.au

w: botanyduplication.com.au



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Australian Government

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