



# BOTANY RAIL DUPLICATION

December 2022

Reference: BRD25

## 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.

## UPCOMING WORK

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

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

- Site inspections, signal investigations and surveying along the project alignment in the rail corridor
- Utility work, including investigation, protection and relocation
- Vegetation clearance along the project alignment
- Earthwork, hardstand and general concrete and drainage work along the project alignment
- Earthwork and trackwork between Banksia Street and Mill Stream
- Precast concrete works at Banksia site compound
- Formwork construction to prepare for concrete pours and concrete works adjacent to Southern Cross Drive at the Botany Road compound
- Formwork construction and installation of temporary steel girders at Robey Street bridge
- Crane pad construction at O'Riordan Street and Robey Street bridges
- Retaining wall and deflection wall piling at O'Riordan Street, Mill Stream and Robey Street bridges
- Construction of retaining walls at O'Riordan Street and Robey Street bridges
- Earthworks and precast installation between Mill Stream and Southern Cross Drive
- Finishing and demobilisation work at Mill Stream bridge
- Concreting at Mill Stream, Southern Cross Drive, Botany, O'Riordan Street and Robey Street bridges
- Track installation and reconstruction work along the project alignment
- Cable installation, track construction and signalling foundation work between Kellogg's siding and Botany Road
- Signalling location foundation work and cable route construction along the project alignment
- Underbore work at Banksia Street
- Drainage work at Bay Street.

Some of this work may be noisy. 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.

## TRAFFIC CHANGES

### Southbound

There will be a long-term permanent southbound (far right) lane closure on Southern Cross Drive towards the Botany Road exit in place until April 2023. There will also be an intermittent night-time lane closure on the southbound (far left) lane on Southern Cross Drive towards the Botany Road exit in place throughout December (see map on the last page). Full closures of the Southern Cross Drive southbound carriageway may be used on an ad-hoc basis with a detour via Wentworth Avenue in place.

**Northbound**

An intermittent night-time northbound (far right) lane closure on Southern Cross Drive continuing along the M1 motorway will also be in place throughout December (see map on last page).

**Banksia Street**

From Monday 12 December to Friday 23 December, traffic control will be in place to stop and slow vehicles through Banksia Street near the project's compound access for upcoming utility works. Access to driveways will be maintained. Impacted residents will be notified of utility works closer to the date.

**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.

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](http://botanyduplication.com.au) identifies construction activities and their associated noise levels in decibels (dBA).

Due to the nature of construction activities and for the safety of workers, some work will occur outside standard construction hours. Every effort will be made to keep noisy works to a minimum and reduce impacts to the community wherever possible.

Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for transporting oversized vehicles. 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).

**OUT OF HOURS WORK**

**WHEN:** 1-31 December: Nightworks 6pm to 6am, 1pm to 6pm (Saturdays), Sundays 8am-6pm (non-disruptive work)

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

- Track reconstruction work along the project alignment
- Welding work at Robey Street bridge
- The delivery of rail set
- Underbore work at Banksia Street
- Concrete and formwork construction work at Southern Cross Drive
- Modification to existing concrete girders at O'Riordan Street bridge
- Piling work at Southern Cross Drive and O'Riordan street bridges
- Lane adjustment and temporary lane closure along Southern Cross Drive
- Installation of precast panels at Southern Cross Drive, including excavation work
- Investigation work at Robey Street Bridge
- Temporary steel installation at Robey Street Bridge
- Out-of-hours material deliveries and mobilisation of machinery and equipment.

**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.**

Non-disruptive works include low-noise activities, such as work with hand tools and use of equipment at locations where noise impacts will be minimal. 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 when not in use, and installing noise blankets where possible.

**SITE COMPOUNDS:** Residents will be advised of any out of hours work or access at the Banksia Street compound. Verbal communication will be kept to a minimum on site and machinery will be turned off when not in use. Locations at Botany Road and General Holmes Drive will be used as the main site compounds.

**EQUIPMENT:** 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, geotechnical investigation rigs, construction vehicles, lighting towers, trucks and traffic control signs and barriers.

**TRAFFIC:** 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.

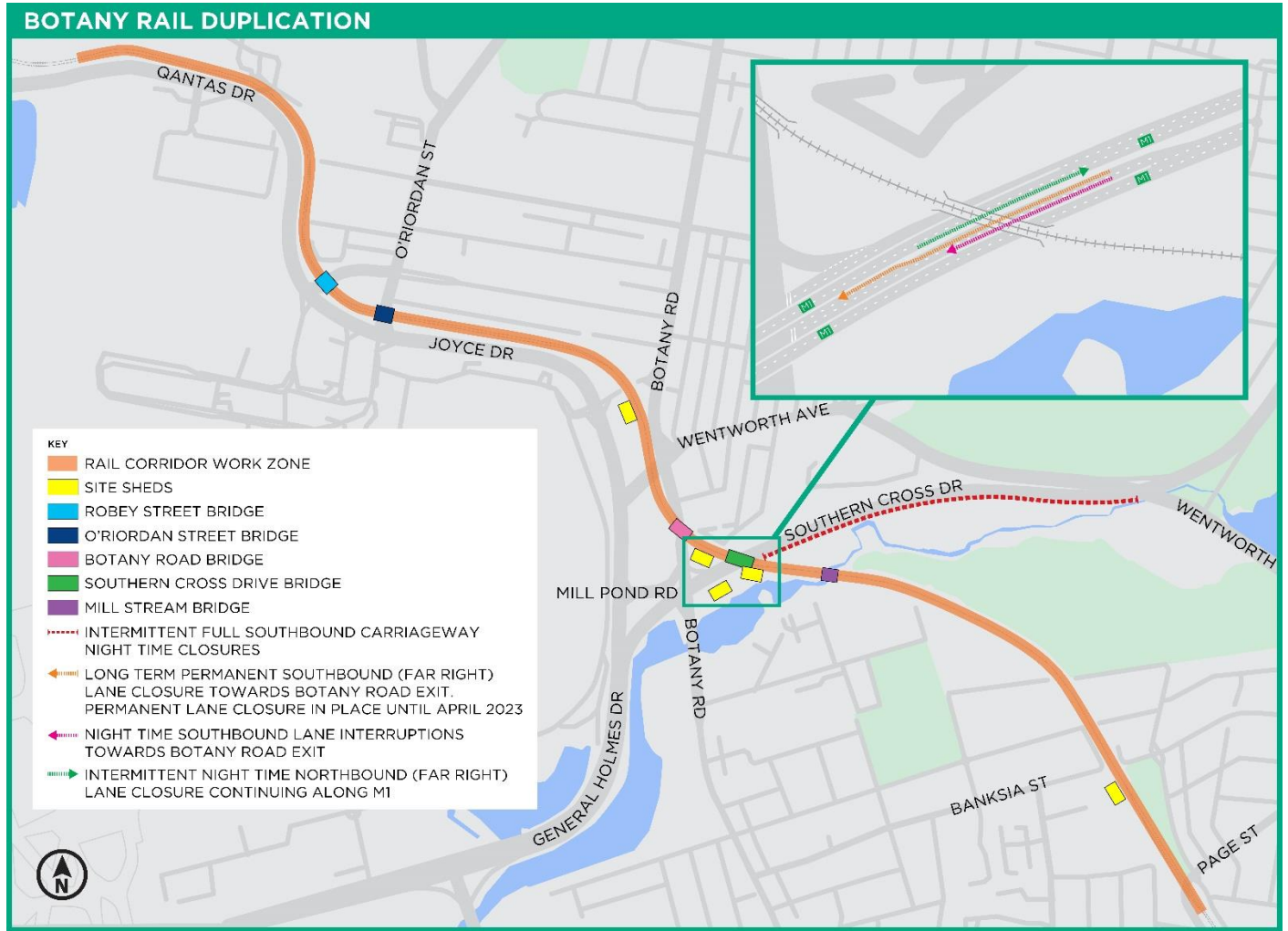
Thank you for your patience while this work takes place. For further information about the work or to provide feedback, please contact **ARTC Enviroline on 1300 550 402**, email **botanyduplication@jhg.com.au** or write to: **Level 3, 65 Pirrama Road, Pyrmont NSW 2009** and quote reference number **BRD25**.

**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
<b>December</b>	O’Riordan Street bridge and Robey Street bridge	<ul style="list-style-type: none"> <li>Installing steel beams, in preparation for concrete works</li> </ul>
	Mill Stream bridge	<ul style="list-style-type: none"> <li>Concrete works</li> </ul>
	O’Riordan Street bridge	<ul style="list-style-type: none"> <li>Piling works</li> </ul>
	Banksia Street	<ul style="list-style-type: none"> <li>Underbore works</li> </ul>
	Bay Street	<ul style="list-style-type: none"> <li>Drainage works</li> </ul>
<b>January (14-16)</b>	Rail corridor – Botany (Bay Street)	<ul style="list-style-type: none"> <li>Track reconditioning work, including track cutting and rail grinding, rail dragging, welding and tamping of ballast (the rock layer under the rail)</li> <li>Excavation work</li> <li>Signalling works – installation of cables, and signalling works</li> <li>Underbore works for new utilities</li> </ul>
	O’Riordan Street bridge	<ul style="list-style-type: none"> <li>Track removal</li> <li>Drainage works</li> <li>Civil works</li> <li>Cable route construction</li> </ul>
	Robey Street bridge and Cooks River Loop	<ul style="list-style-type: none"> <li>Cable route construction</li> </ul>
	Mill Stream to Banksia	<ul style="list-style-type: none"> <li>Track construction</li> <li>Track relocation and rail grinding</li> </ul>
	Botany Rd bridge	<ul style="list-style-type: none"> <li>Piling works for new approach slabs</li> </ul>
<b>February (3-8)</b>	Robey Street bridge	<ul style="list-style-type: none"> <li>Installation of new bridge</li> </ul>

**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 পৌঁছানোর 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 by hovering your phone over the QR code.



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