

Sydney Metro is Australia’s biggest public transport project.

Services start in 2019 in the city’s North West with a train every four minutes in the peak. Metro rail will be extended into the CBD and beyond to Bankstown in 2024. Sydney Metro includes new CBD railway stations underground at Martin Place, Pitt Street and Barangaroo and new metro platforms under Central.

In 2024, Sydney Metro will have 31 stations on a new 66km rail system – the biggest urban rail project in Australian history. Sydney Metro will have ultimate capacity for a train every two minutes in each direction under the CBD.

John Holland CPB Ghella Joint Venture (JHCPBG) has been awarded the \$2.81 billion contract to build the twin railway tunnels from Chatswood to Sydenham and excavate six new Sydney Metro stations.

Station excavation works – Waterloo Station site

Works are underway to build the concrete pile retaining structure for the station box. Residents and businesses will notice an increase in truck movements with piling rigs, cranes and excavators now operating on the site.

The following works will be undertaken at the Waterloo Station site during April 2018, weather and site conditions permitting (see map overleaf).

Standard construction hours are **Monday to Friday between 7am and 6pm and Saturday between 8am and 1pm**. Due to high daytime traffic volumes and to ensure pedestrian safety, some works are also planned for outside of these times.

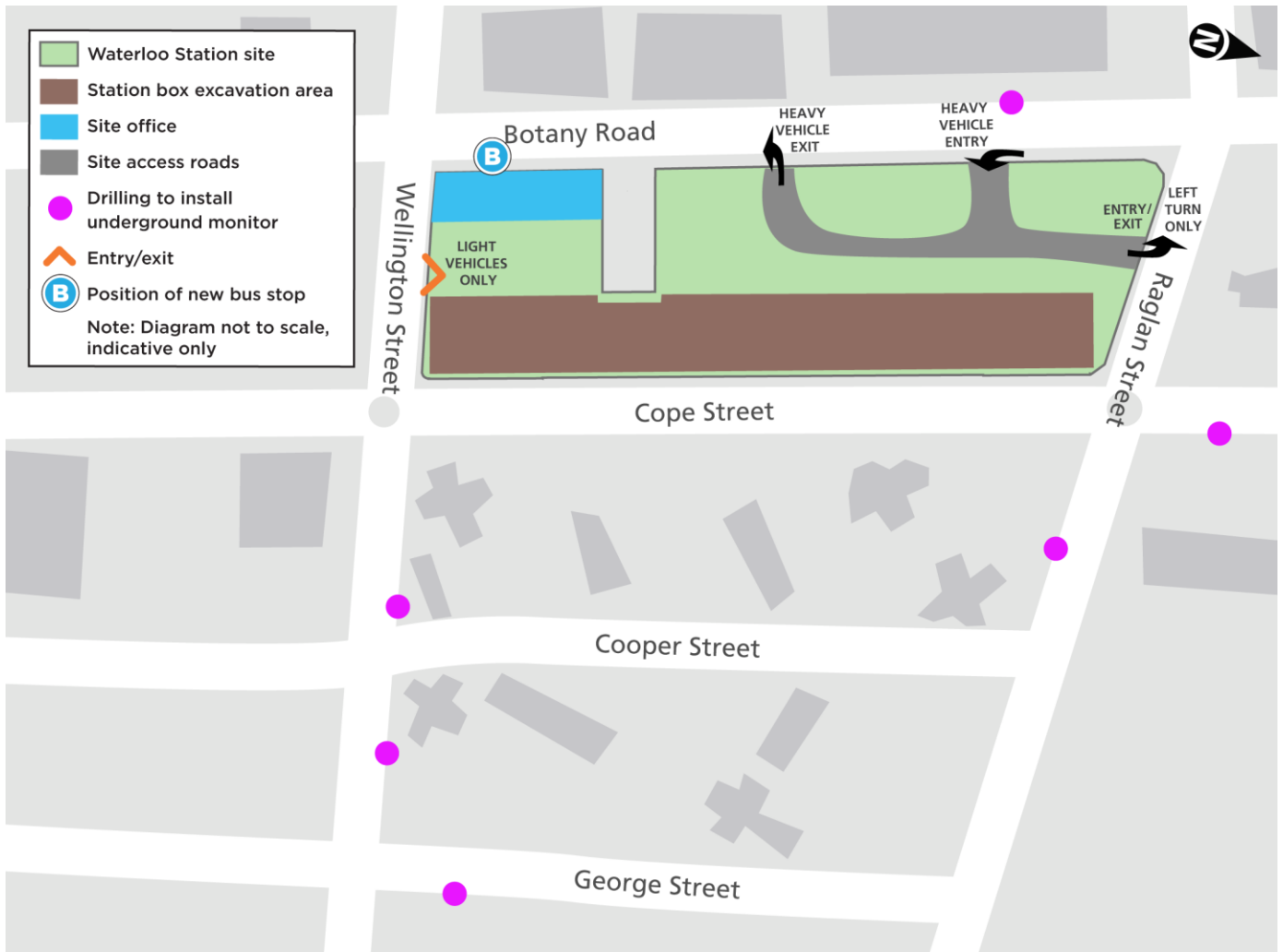
Location	Works
Waterloo Station site	<ul style="list-style-type: none"> Constructing piling platforms, driveways, internal roads and the foundations for various site facilities involving removing unsuitable material, delivering fill material to site and spreading and compacting the material using vibratory rollers Installing concrete piles and building the capping beam around the station box to support the ground during excavation. Piling involves drilling holes using an auger, installing steel reinforcement and pouring concrete into each hole. Once the concrete piles are set, the top of each of the piles will be cut back using jackhammers and then the capping beam will be installed across the top to link them together Modifying the hoarding around the site boundary and completing heritage investigations Delivering and unloading plant, equipment and materials using large vehicles via the site access on Botany Road
Botany Road, Raglan and Wellington Streets	<ul style="list-style-type: none"> Realigning underground services to construct new site access areas Constructing site access and driveway layback areas
George, Wellington, Raglan and Cope Streets and Botany Road	<ul style="list-style-type: none"> Drilling into the footpath to install a monitoring device to collect information from tunneling and excavation works. Prior to drilling, the team will carry out utility investigation works to identify underground services. The drilling activities are expected to take 2-3 days to complete at each location (see map overleaf)
Location	Out-of-hours works
Botany Road	<ul style="list-style-type: none"> Delivering and unloading oversized plant and equipment via the site access on Botany Road Relocating the bus stop near the Waterloo Congregational Church about 10 metres towards Wellington Street to provide a greater distance between the bus stop and new driveway Removing, trimming and mulching trees using chainsaw, a stump grinder and mulcher near bus stop

What to expect

- Increased truck and vehicle movements via Botany Road, Raglan and Wellington streets driveways. Trucks removing excavated materials from the site will use Botany Road site gates only.
- Temporary traffic and pedestrian changes will be required including lane and footpath closures around works areas. Traffic control and directional signage will be in place for the safety of workers and the community.
- There will be intermittent periods of noisy works. The project team will limit these impacts wherever possible. Measures will include using non-tonal reversing beepers, turning off equipment when not in use, doing works during standard construction hours wherever possible and monitoring activities where required.
- Equipment used will include jack hammers, vacuum trucks, excavators, concrete saws, drilling equipment and trucks.
- Access to properties will be maintained at all times.

Thank you for your cooperation while we complete these essential works.

Station excavation and drilling works - Waterloo



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If you require the services of an interpreter, please contact the **Translating and Interpreting Service on 131 450** and ask them to call **Sydney Metro on 1800 171 386**. The interpreter will then assist you with translation.

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