

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. There will be new CBD metro railway stations underground at Martin Place, Pitt Street and Barangaroo and new metro platforms under Central.

In 2024, Sydney will have 31 metro railway stations and a 66 km standalone metro railway system – the biggest urban rail project in Australian history. There will be ultimate capacity for a metro train every two minutes in each direction under the Sydney city centre.

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.

## Shaft excavation – Artarmon substation site

Demolition of existing buildings and establishment of the Artarmon substation site is almost complete.

The next stage of work at the site will involve excavating a 22-metre-deep and 3.5-metre-wide vertical access shaft to the tunnels below.

Excavation of the shaft will start in mid-November 2018 and is expected to be ongoing until April 2019, weather and site conditions permitting.

### Works will involve:

- Delivering and unloading machinery and equipment
- Building a stable foundation for the safe operation of the piling rig involving spreading and compacting material with a vibratory roller. Nearby businesses may feel some vibration during this work.
- Excavating the shaft using a piling rig to auger the hole and an excavator and trucks to remove the material from site
- Lining and reinforcing the shaft involving setting up formwork and concreting

### Standard working hours

Standard working hours are Monday to Friday, 7am–6pm and Saturday, 8am–1pm.

There may be some oversized deliveries to the work site outside of standard construction hours due to traffic restrictions.

### What to expect

- Access the site will be via Whiting Street and Reserve Road.
- Temporary traffic and pedestrian changes will be intermittently required including lane and footpath closures. Traffic control and directional signage will be in place for the safety of workers and the community.
- Access to property driveways will always be maintained.
- There will be intermittent periods of noisy work. We will make every effort to reduce the impact of these works.
- Measures will include using non-tonal reversing beepers, turning off equipment when not in use and working during standard construction hours wherever possible.

## Artarmon substation shaft excavation work area



**Thank you for your cooperation while we complete this essential work.**

If you have any questions, please contact the Community Relation Team on **1800 171 386** (24-hour community information line) or [tunnels@transport.nsw.gov.au](mailto:tunnels@transport.nsw.gov.au)

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