



# Project update – Artarmon power supply upgrade

July 2021

Sydney Metro is Australia’s biggest public transport project.

Services started in May 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 metro railway stations at Martin Place, Pitt Street and Barangaroo and new metro platforms at Central Station.

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

Systems Connect (an unincorporated joint venture between CPB Contractors and UGL Limited) is delivering line-wide Work, which includes installing metro rail track, power systems and infrastructure to turn the excavated tunnels into a working railway between Chatswood and Sydenham.

## Substation in Artarmon

Work will continue in July on the new traction substation at Artarmon, which will supply power to Sydney Metro City & Southwest.

A Station Design and Precinct Plan (SDPP) showing how the design for the Artarmon substation facility was developed and has been approved by the Department of Planning, Industry & Environment (DPIE). The plan can be viewed on the Systems Connect website at [www.sclww.com.au](http://www.sclww.com.au).

## Bulk power supply work

In order to supply power to the new metro train system, Systems Connect will be installing a new underground power cable from the Ausgrid substation on Carlotta Street, Artarmon, to the new substation being built on Reserve Road.

Our July work activities are described below.

## Weekend working hours

We wrote to you in June about the NSW Government’s decision to extend operating hours for construction sites to support the industry during the evolving COVID-19 situation, with sites now able to operate on weekends and public holidays. The standard construction hours at our site will be 7am - 6pm from Monday to Sunday until 27 March 2022.

There will be no change to high-impact noise and vibration activities, which are still only permitted to occur between Monday and Friday from 7am - 6pm and on Saturdays from 8am - 1pm.

Day work	
Project standard working hours are Monday to Sunday, 7am - 6pm.	
Location	Detail
Substation site on Whiting Street and Reserve Road	Work activities will include: <ul style="list-style-type: none"> <li>• Material and equipment deliveries</li> <li>• Construction of the combined services route including drainage</li> <li>• Concrete work, excavation works and removing spoil</li> <li>• Installation of structural steel and aluminium façade cladding</li> <li>• Construction of masonry walls</li> <li>• Shotcreting of excavated walls</li> <li>• Use mobile cranes and elevated work platforms along surrounding footpaths</li> </ul>

	<ul style="list-style-type: none"> <li>• Permanent restoration of the footpath following the removal of overhead power lines on Whiting Street</li> <li>• Delivery and installation of modular buildings including major crane lifts</li> </ul>
Carlotta Street	<ul style="list-style-type: none"> <li>• Traffic management (Carlotta Street closed at Clarendon Street – details below)</li> <li>• Saw cutting pavement and hammering works (only permitted to occur between Monday and Friday from 7am - 6pm and on Saturdays from 8am - 1pm)</li> <li>• Investigation, service potholing and survey work</li> <li>• Non-destruction excavation</li> <li>• Plant excavation</li> <li>• Soil testing</li> <li>• Material and equipment deliveries</li> <li>• Installing conduits</li> <li>• Removing trench spoil, backfilling and compacting the trench</li> <li>• Concrete pours</li> </ul>

### Out-of-hours work (night)

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours.

Date / time	Location	Detail
Continuous work from <b>8pm Friday 2 July to 5am Monday 5 July</b> and from <b>8pm Friday 23 July to 5am Monday 26 July</b>	Reserve Road and Carlotta Street	Work activities will include: <ul style="list-style-type: none"> <li>• Traffic management</li> <li>• Saw cutting pavement</li> <li>• Investigation, service potholing, survey work and soil testing</li> <li>• Non-destruction excavation</li> <li>• Excavation and hammering works</li> <li>• Material and equipment deliveries</li> <li>• Installing conduits</li> <li>• Removing trench spoil, backfilling and compacting the trench</li> <li>• Concrete pours</li> </ul>
Between <b>7pm and 6am Mondays to Fridays</b>	Reserve Road and Carlotta Street	Work activities will include: <ul style="list-style-type: none"> <li>• Traffic management (Carlotta Street closed at Clarendon Street)</li> <li>• Saw cutting pavement</li> <li>• Investigation, service potholing, survey work and soil testing</li> <li>• Non-destruction excavation</li> <li>• Excavation and hammering works</li> <li>• Material and equipment deliveries</li> <li>• Installing conduits</li> <li>• Installing watermain</li> <li>• Removing trench spoil, backfilling and compacting the trench</li> <li>• Concrete pours</li> <li>• Tree and stump removal</li> </ul>
<b>Mondays to Fridays from 6pm to 10pm</b>	Whiting Street and Reserve Road	Work activities will include: <ul style="list-style-type: none"> <li>• Material and equipment deliveries</li> <li>• Construction of the combined services route including drainage</li> <li>• Concrete work, excavation works and removing spoil</li> <li>• Installation of structural steel and aluminium façade cladding</li> <li>• Construction of masonry walls</li> <li>• Shotcreting of excavated walls</li> <li>• Use mobile cranes and elevated work platforms along surrounding footpaths</li> <li>• Delivery and installation of modular buildings including major crane lifts</li> </ul>

## What to expect

- Equipment used will include, but is not limited to, hand held and electric tools, power drills, telehandler, excavator with hammer attachments, road saw, mobile cranes, compaction equipment, concrete mixers and pumps, bobcats, heavy vehicles, tippers, dump and delivery trucks, vacuum truck and lighting towers, elevated work platforms, chainsaws, a wood chipper and stump grinder.
- **Some of this work will be noisy.** The project team will take every step possible to minimise noise impacts. A range of mitigation measures will be in place to meet the project's approval conditions and reduce noise, including noise barriers, using only the necessary equipment for each task, turning off equipment when not in use and equipping all machinery with non-tonal movement alarms.
- There will be power outages on weekends to facilitate the underground services installations. Any impacted residents and businesses will be notified in advance of these occurring.
- Some equipment will be delivered outside of standard construction hours in line with Transport for NSW requirements for transporting oversized vehicles.
- Temporary traffic changes will be in place for the safety of workers and the community during this work, including reduced speed limits, footpath and lane closures.
- Temporary traffic and pedestrian changes may be required for large vehicle deliveries including traffic control for the safety of the community.
- Carlotta Street will be closed at Clarendon Street from Friday 2 July to Friday 20 August. Access to business driveways from 23 to 29 Carlotta Street will still be possible from Clarendon Street. Access to business driveways from 1 to 15 Carlotta Street will be via Reserve Road and one-way westbound along Carlotta Street only. Please follow the directions of traffic controllers and detour signs, and allow additional travel time while we complete this work.
- Parking on Carlotta Street will not be possible during some of our day work. Traffic management and signage is in place and our traffic controllers will safely guide motorists and pedestrians past the work zone.

## Keeping you informed





Sydney Metro will continue to undertake work across its projects in accordance with current Government advice, and will continue to implement physical distancing and travel and hygiene measures to protect employees and members of the community.

To keep up to date with what is happening in the Artarmon area, please register for email updates, which provide the latest information about our work, including out of hours activities. You can register for updates by sending your details to [linewidemetro@transport.nsw.gov.au](mailto:linewidemetro@transport.nsw.gov.au), or call us on **1800 171 386**.

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

## Location of work



-  **1800 171 386** Community information line open 24 hours
-  **linewidemetro@transport.nsw.gov.au**
-  Sydney Metro City & Southwest, PO Box K659, Haymarket NSW 1240
-  If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**