

Project update – Artarmon power supply upgrade

October 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 October on the new traction substation at Artarmon, which will supply power to Sydney Metro City & Southwest.

Bulk power supply work

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

Day work	
Project standard working hours are Monday to Sunday, 7am - 6pm	
Location	Detail
Substation site on Whiting Street and Reserve Road	<p>Work activities will include:</p> <ul style="list-style-type: none"> • Material and equipment deliveries • Concrete work, excavation works and removing spoil • Installation of structural steel and aluminium façade cladding • Using mobile cranes and elevated work platforms on surrounding footpaths • Permanent restoration of the footpath following the removal of overhead power lines on Whiting Street • Installation of steel structure portal • Traffic management • Partial road closure of Whiting Street during the delivery and installation of modular buildings with mobile crane
Reserve Road and Carlotta Street	<ul style="list-style-type: none"> • Traffic management • Saw cutting pavement and hammering works (only permitted to occur between Monday and Friday from 7am - 6pm and on Saturdays from 8am - 1pm) • Investigation, service potholing and survey work • Non-destruction excavation and plant excavation • Material and equipment deliveries
Reserve Road and Carlotta Street	<ul style="list-style-type: none"> • Installing conduits • Removing trench spoil, backfilling and compacting the trench • Concrete pours

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
Between 8pm and 6am Mondays to Saturdays	Reserve Road and Carlotta Street	Work activities will include: <ul style="list-style-type: none">• Traffic management (stop / slow and detour of Reserve Road)• Saw cutting pavement• Investigation, service potholing and survey work• Non-destruction excavation• Excavation and hammering works• Material and equipment deliveries• Installing conduits• Installing and then connecting new watermain• Removing trench spoil, backfilling and compacting the trench• Concrete pours
Continuous work from 6pm Fridays to 7am Mondays during October	Reserve Road and Carlotta Street	<ul style="list-style-type: none">• Traffic management• Saw cutting pavement• Investigation, service potholing, survey work and soil testing• Non-destruction excavation• Excavation and hammering works• Material and equipment deliveries• Installing conduits• Removing trench spoil, backfilling and compacting the trench• Concrete pours
Between 6pm and 6am on Thursday 28 October and Friday 29 October (to 6am on the Saturday)	Whiting Street	<ul style="list-style-type: none">• Traffic management• Establishment of large mobile crane• Arrival of modular buildings on semitrailers
Continuous work from 6pm Thursday 14 October to 6pm Sunday 17 October	Whiting Street	<ul style="list-style-type: none">• Traffic management (closure of single lane on Reserve Road and closure of footpath as well as stop/slow arrangement on Whiting Street)• Installation of structural steel and aluminium façade cladding by mobile crane• Use of elevated work platforms on surrounding footpaths

What to expect

- Equipment used will include, but is not limited to, hand held and electric tools, power drills, winch, 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, lighting towers and elevated work platforms.
- **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.
- 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.

- 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.
- There will be changed traffic conditions on Reserve Road and Curry Lane on weeknights and on weekends. Please follow the directions of traffic controllers and detour signs, and allow additional travel time while we complete this work.
- One side of the footpath on Reserve Road between Whiting Street and Dickson Avenue will be partly closed on each weekend until late October. Signs will guide pedestrians to use a detour on the other side of Reserve Road, however access to all businesses will be maintained.

Weather permitting, a large crane with a support truck will lift large substation modules into the work site at the corner of Whiting Street and Reserve Road (shown in map below) in stages from **6pm 28 October** until **6am Monday 1 November**. Only local traffic will be allowed into Whiting Street between Clarendon Street and Reserve Road during this time. Driveway access to Wanless Waste Management will be temporarily restricted at times on Friday 29 October while the crane is being set up. Please refer to the map below for parking changes on Whiting Street while this work is happening.

Location of work



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, or call us on **1800 171 386**.

Thank you for your cooperation while we complete this 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**