



Australian Government



**Sydney Metro –
Western Sydney Airport**



An artist's impression of the Airport Terminal Station.

Power supply works

Sydney Metro – Western Sydney Airport is the new metro railway line which will service Greater Western Sydney and the new Western Sydney International (Nancy-Bird Walton) Airport.

The 23-kilometre new railway will link residential areas with job hubs including the new Aerotropolis, and connect travellers from the new airport to the rest of Sydney's public transport system.

The project includes six new metro stations at:

- St Marys, interchanging with the existing suburban railway station and connecting customers with the rest of Sydney's rail system
- Orchard Hills, to service a future commercial and mixed-use precinct
- Luddenham, to service a future education, innovation and commercial precinct
- two stations within the airport site, at the airport terminal and at the airport business park
- the commercial heart of the Western Sydney Aerotropolis (the area proposed to be named Bradfield).

The NSW and Australian governments have a shared objective of having Sydney Metro – Western Sydney Airport operational when the airport opens for passenger services.

Power supply

To construct the twin tunnels for the Sydney Metro – Western Sydney Airport project, tunnel boring machines, road headers and other heavy machinery will be required from 2023. These machines will need a dedicated power supply.

Power will be supplied from nearby existing substations or overhead cables to newly installed power kiosks at Sydney Metro construction sites. Works will also include relocating overhead cables underground for the construction and operation of the Metro.

Power supply routes have been determined based on the location of existing utilities and available space for new cables and conduits to be installed within road reserve. This is to minimise impacts on private property.

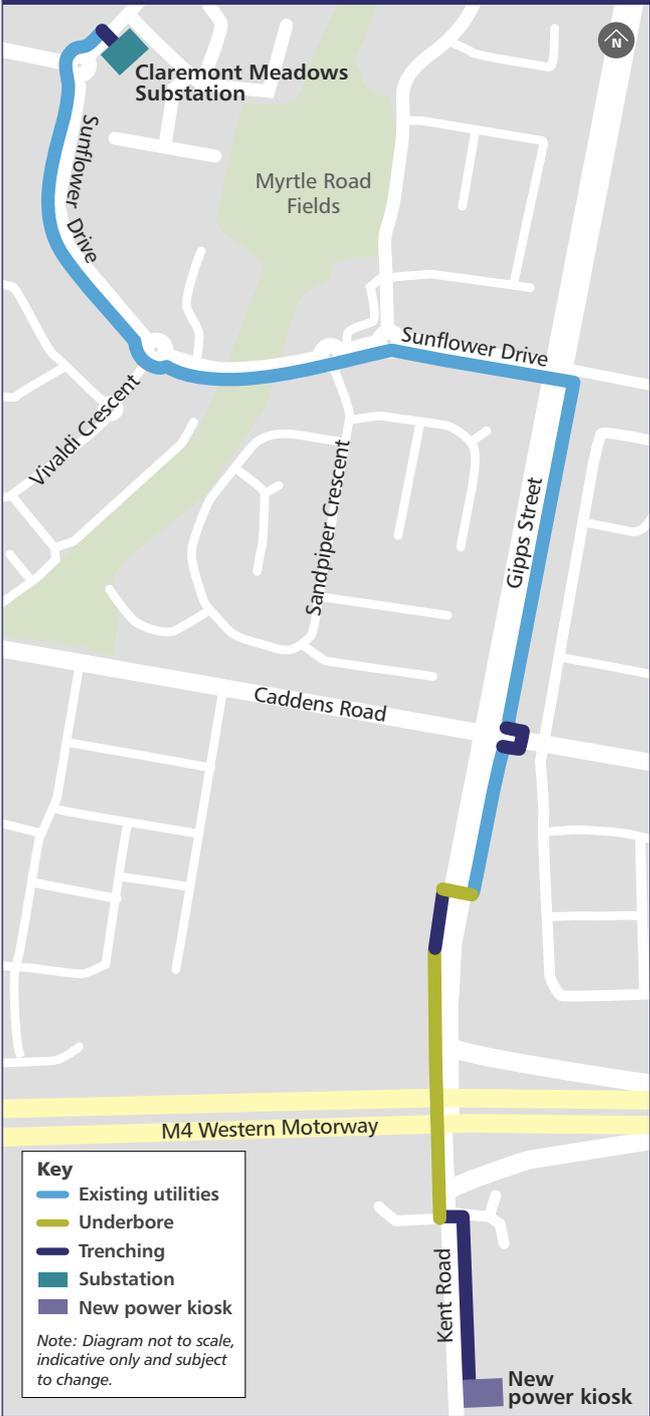
Works locations

There are six power supply works locations along the Sydney Metro – Western Sydney Airport project alignment, located in Claremont Meadows, Orchard Hills, Badgerys Creek, Bringelly and Kemps Creek.

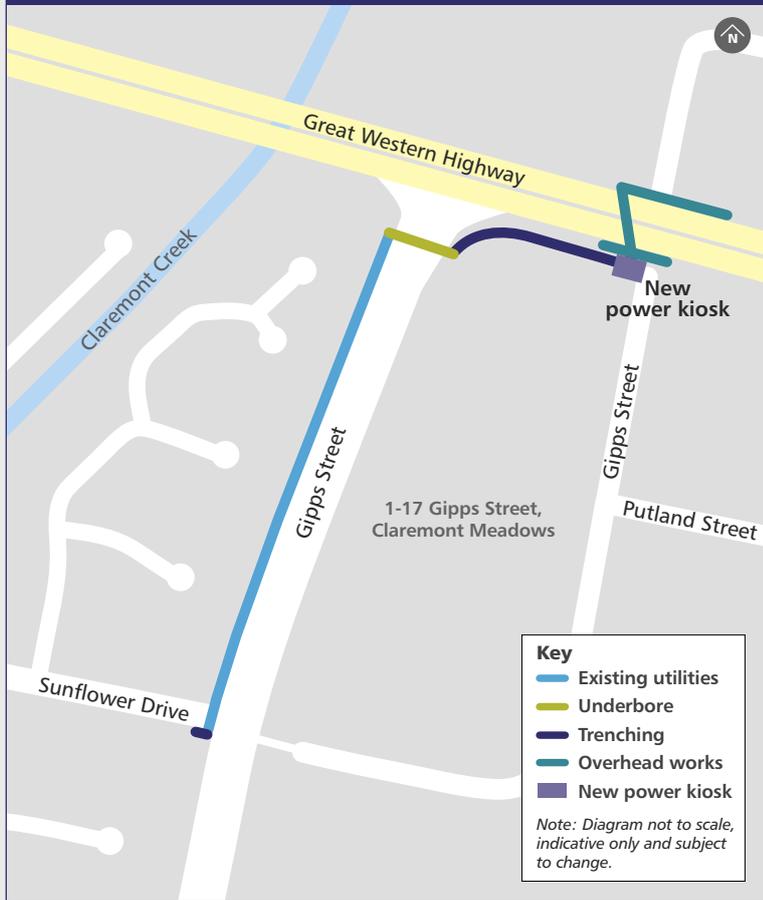
A map of each location is shown overleaf, indicating where the works will occur.

Before any works begin, Sydney Metro will notify surrounding residents and businesses of the scope and duration of the works.

Claremont Meadows to Orchard Hills

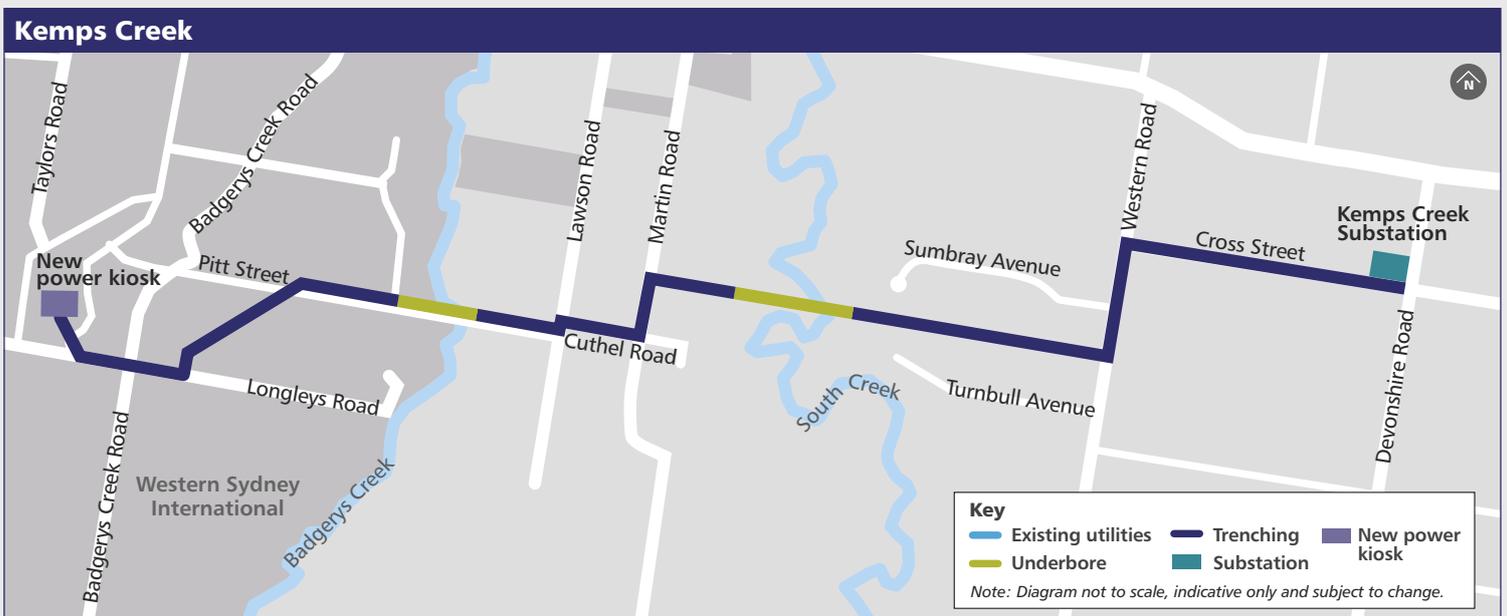
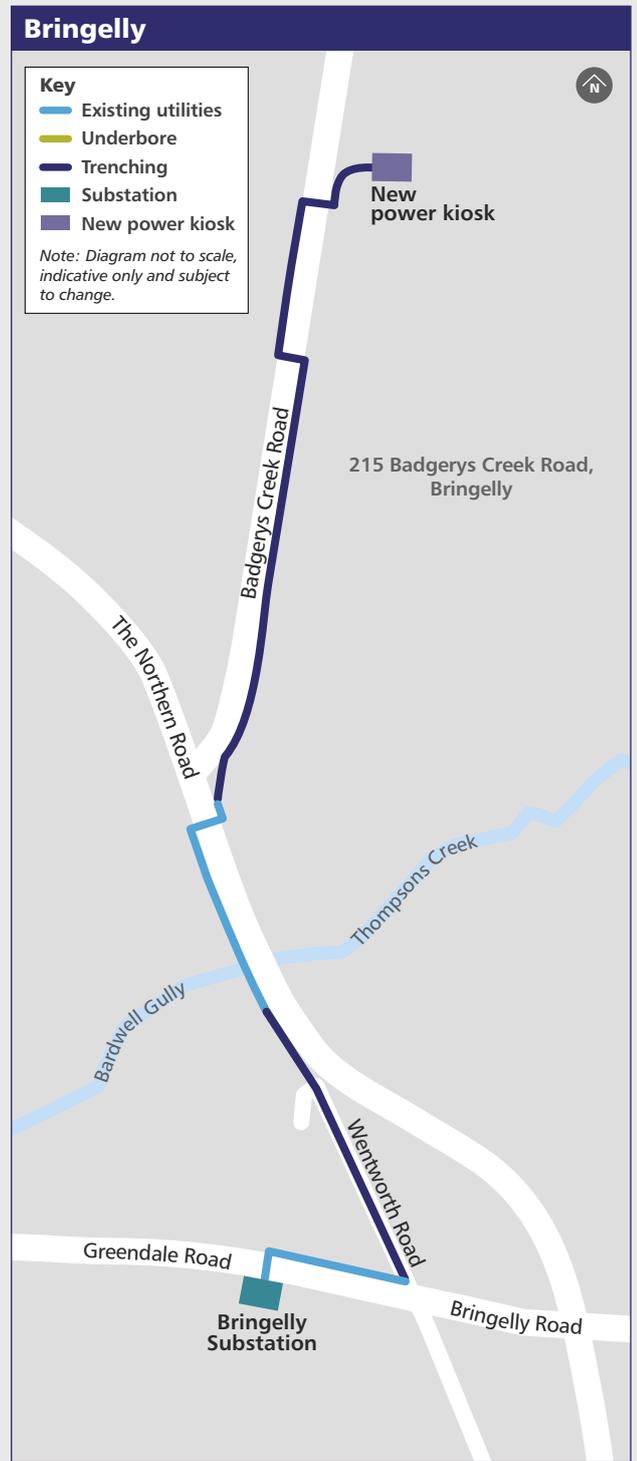
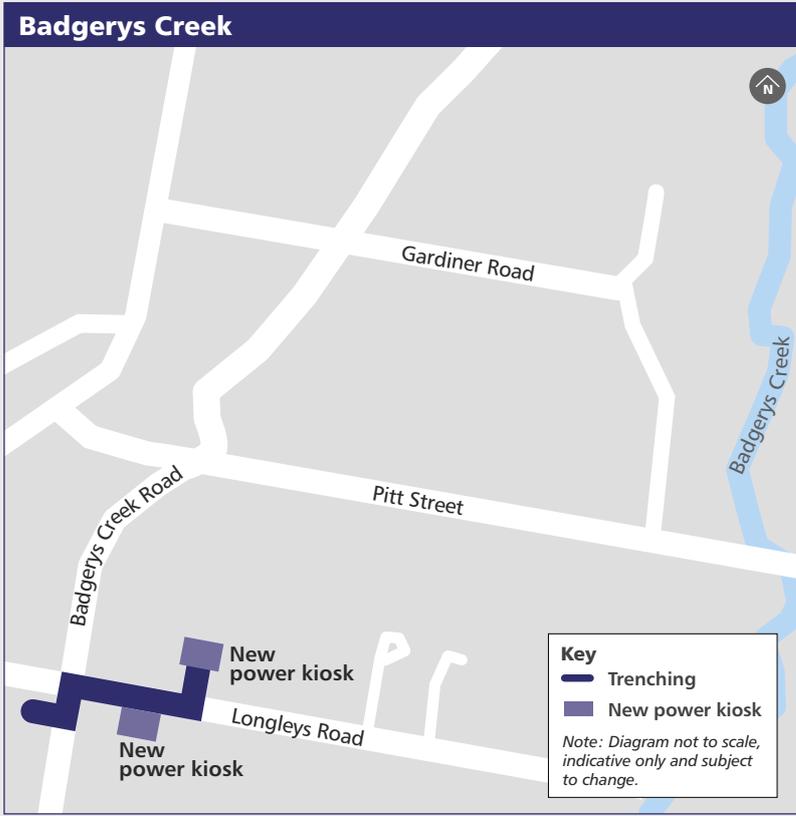


Gipps Street, Orchard Hills



Patons Lane, Orchard Hills





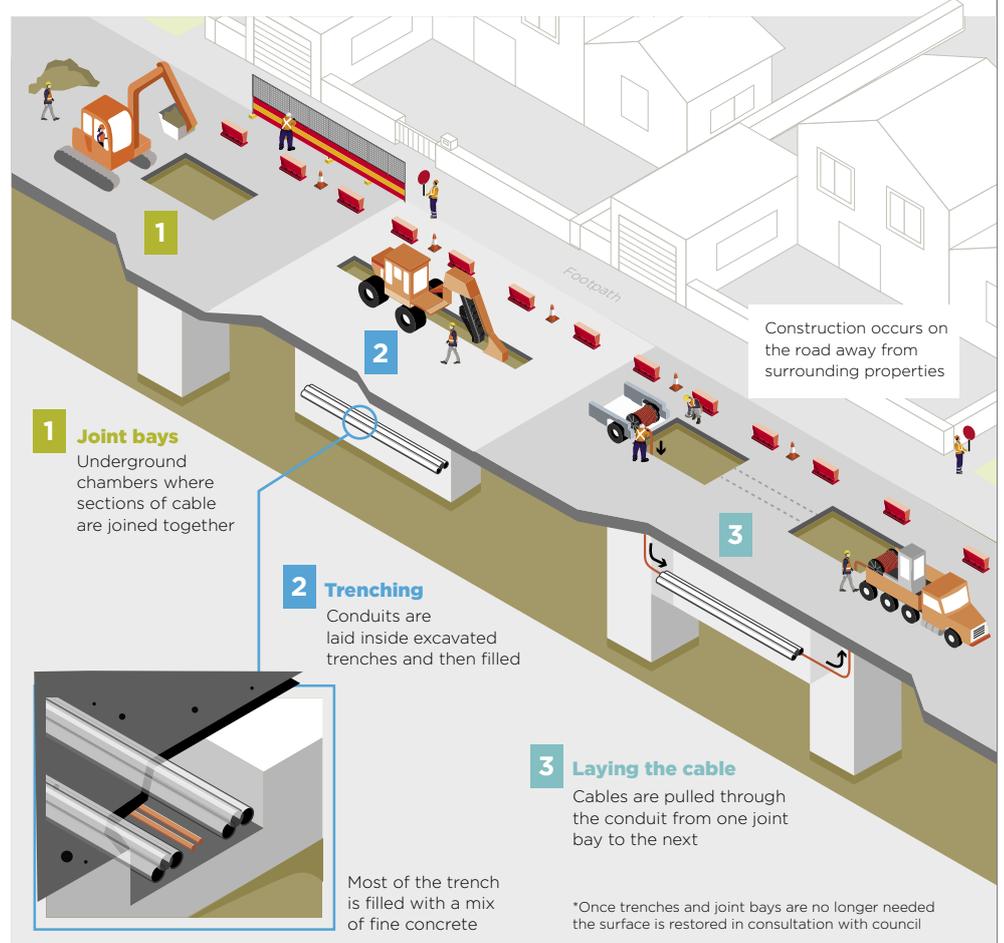
Installing power supply

Sydney Metro will use existing utilities to minimise works. Where new cables and conduits are installed along the route, works may include:

- digging trenches and installing new conduits to hold the new cables
- installing power cables through the new conduits
- backfilling trenches and restoring the areas
- installing small power kiosks at Metro construction sites.

Where trenching is not possible, for example on major roads, underbore drilling may be used to avoid traffic impacts.

How to lay and install underground power cables



Working with you

Sydney Metro recognises that this work will have impacts, and wherever possible we will work with residents, property owners, businesses and the community to mitigate these impacts.

Our dedicated place managers will keep you informed as the works progress and are available to answer any questions you may have. Please use the information overleaf to contact us.

Next steps

In the coming weeks, we will be carrying out site investigations to better inform our work. Please see information overleaf about these investigations.

Work will start from early 2022 and will be carried out during standard construction hours of **Monday to Friday 7am to 6pm** and **Saturday and Sunday 7am to 6pm**.

There may be times where night work is required to minimise disruption to traffic, residents and businesses. Sydney Metro will provide advance notice of this work.

Sydney Metro will continue to keep the community updated on the progress of this work.

Notification

Claremont Meadows, Orchard Hills, Badgerys Creek, Kemps Creek and Bringelly

Site investigations along power supply routes

Non-intrusive site investigations will be carried out along the six power supply routes to assist with the planning and delivery of power supply works for the Sydney Metro – Western Sydney Airport project.

Investigations are expected to start from **Thursday 9 December 2021** and will continue for up to two weeks, weather and site conditions permitting.

Investigations will be completed during standard construction hours of 7am to 6pm Monday to Friday, and Saturday and Sunday 7am to 6pm. Residents will be notified in advance of any out-of-hours work.

Please see maps of the power supply routes for where the investigations will take place.

Work will include

- Collecting information about roads and road reserves, including road surfaces, kerbs, trees, overhead cables, footpaths, fences and other features using survey equipment
- Identifying and marking existing underground power supply cables and conduits using pegs, non-toxic marking spray paint and handheld tools.

What to expect

- Work is not expected to be noisy
- No access to private property will be required, without prior approval from the resident
- Access to driveways and buildings will be maintained at all times
- No images will be taken of private property
- There will be no disruption to the delivery of utility services
- If required, brush cutting of long grass to place pegs or spray marks.

Equipment used

Equipment for this work includes but is not limited to: survey equipment, handheld tools, a small brush cutter and light vehicles.

Changes to traffic, pedestrian and cyclist routes

During the work, traffic control may be in place to assist motorists, pedestrians and cyclists with any changes to traffic conditions. This may include contraflow traffic flow, stop-slow traffic controls, or partial road closures.

The times of these changes will vary and are dependent on road authority approvals.

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

The safety of the community and our workforce is our top priority. All works will be undertaken in line with Public Health Orders, using a range of COVID-safe measures and plans. We will continue to keep the community updated about any further changes to Sydney Metro construction activities.

Contact us

Sydney Metro – Western Sydney Airport

-  **1800 717 703** Community information line open 24 hours
-  **sydneymetrowsa@transport.nsw.gov**
-  **Sydney Metro – Western Sydney Airport** PO Box K659, Haymarket NSW 1240
-  If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 717 703**

Interfacing projects in Greater Western Sydney

There are a number of major infrastructure projects underway and planned in Greater Western Sydney. These projects will support growth and underpin the development of key precincts in the Western Parkland City. We are coordinating how we communicate with the local community to ensure residents and businesses understand who is carrying out the work and who to contact with any enquiries or complaints. If you have any questions or need to contact a particular project, use the reference below for the right project contact details.

Western Sydney Airport

-  **1800 972 972**
-  **info@wsaco.com.au**
-  **westernsydney.com.au**
-  **Western Sydney International Experience Centre,**
100 Eaton Rd Luddenham NSW 2745

Transport for NSW – M12 Motorway

-  **1800 517 155**
-  **m12motorway@transport.nsw.gov.au**
-  **nswroads.work/m12**

Sydney Water

-  **1800 238 881**
-  **uppersouthcreek@sydneywater.com.au**

Department of Planning, Industry and Environment

-  **1800 810 680**
-  **community.input@ghd.com**
-  **planning.nsw.gov.au/aerotropolis**

Western Parkland City Authority – Aerotropolis

-  **1800 312 999**
-  **hello@wpca.sydney**
-  **wpca.sydney**

Transport for NSW – Roads and car park projects

-  **1800 684 490**
1800 775 465 emergency 24/7
-  **projects@transport.nsw.gov.au**
-  **transport.nsw.gov.au/projects**