

# M6 Stage 1

## Powering the M6 Stage 1 Tunnels

April 2023



The M6 Stage 1 will connect President Avenue at Kogarah to the M8 at Arncliffe via a four kilometre tunnel, linking southern Sydney to the wider motorway network.

Powering the new M6 Stage 1 tunnels will be a seven-kilometre underground 33kV permanent power supply, linking the Canterbury substation, which is located in Hansen Avenue, Earlwood to the new Motorway Operations Complex at West Botany Street, Rockdale. Work will commence in early May 2023 until the end of 2024.

This fact sheet gives you information about the new permanent power supply, what activities to expect during construction, how we will reduce impacts and provides contact details to request more information. A map of the route is on the last page.



Artist impression of M6 tunnel

## Managing impacts

There may be some temporary impacts for residents and businesses along the cable route. These may include noise, traffic, temporary driveway access changes and parking disruptions. Sections of the parking lane will need to be temporarily closed in streets where the crews are working.

We will try to mitigate impacts to residents by:

- notifying residents and businesses and providing regular updates
- doorknocking residents prior to driveway access changes
- minimising noise and vibration, where possible.

We will maintain pedestrian and vehicle access during changed traffic conditions.

## Work hours

Standard construction hours are **Monday to Friday 7am to 6pm** and **Saturday 8am to 6pm**. Some out of hours work will be required, in particular along arterial roads.

## What to expect during construction

Below is a summary of the types of activities that can be expected during the installation of the new permanent power supply.

### Site investigations

Site investigations will take place along the cable route before trenching starts. This is to assess the ground conditions and locate existing utility services.



### Joint bays and other pits

Underground joint bays will be placed at various locations along the route. They are made of concrete and are two metres wide and 11 metres long. The pits are for cables to be connected.



### Trenching

A half metre wide trench is dug to accommodate the new cables.



### Installing cables

Once the joint bays are built, we will install the new cables by delivering them to the joint bays and pulling them into the conduits.



## Restoring impacted areas

Excavated sections of road are filled and resurfaced after the work to allow normal use by traffic. Permanent resurfacing of the affected areas is done later once all cables are installed and tested.

## Your power supply

It is unlikely we will need to interrupt your power supply during our planned works. However, if a loss of power is anticipated, we will communicate directly to affected residents and businesses ahead of schedule.

## More on M6 Stage 1

To find out more about the M6 Stage 1 and to view the latest community update, please scan the QR code below.



## Map: Route of the M6 Stage 1 permanent power supply cable



## Contact us

If you have any questions or would like more information please contact our project team:



1800 789 297 24 hours a day



[info@M6Stage1.com.au](mailto:info@M6Stage1.com.au)



[nswroads.work/M6portal](https://nswroads.work/M6portal)



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