

# Kamerunga to Woree Replacement Project

POWERLINK QUEENSLAND

## NOTIFICATION OF WORK

### Geotechnical investigations on roads near you

#### Duration of works

Early July –  
Early August  
(weather permitting)

#### Hours of work

6:30am – 6:30pm  
Monday to Friday

6:30am – 1:00pm  
on Saturday as required

#### Geotechnical investigations and locations

To help inform the location of the underground cable within the proposed corridor, Powerlink will carry out geotechnical investigations at **approximately 62 sites** at various locations along the following roads:

##### Brinsmead

- Goomboora Park
- Shale Street
- Christie Drive
- Brinsmead Terrace
- Reservoir Road (road verge)

##### Kanimbla

- Ramsey Drive – multiple locations

##### Mooroolool

- Irene Street – multiple locations

##### Earlville

- Langan Street
- Watson Street
- Cavendish Street
- Downing Street
- Henley Street
- Mulgrave Road/McGuigan Street

Powerlink acknowledges the Traditional Owners and their custodianship of the lands and waters of Queensland and in particular, the lands on which we operate. We pay our respect to their Ancestors, Elders and knowledge holders and recognise their deep history and ongoing connection to Country.



[powerlink.com.au/kamerunga-woree](https://powerlink.com.au/kamerunga-woree)



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Everyone. Everywhere. Everyday.

## What to expect

Residents around the testing sites will notice some impacts from the works including:

- changed traffic conditions, including lane closures, detours and 40km/h zones
- longer lane closures and traffic flow changes on **Ramsey Drive** and **Brinsmead Terrace** – further information, including potential detour routes, is provided in the Detailed Information section below
- temporary removal of street parking (impacted residents and businesses will be advised prior)
- noise and dust from the use of machinery such as drill rigs, minor saw cutting of the road surface, vacuum excavation trucks and excavators
- pouring / bitumen backfilling and the surface restoration at each site
- minor tree trimming may be required to allow for equipment access.

## Duration and hours of work

Geotechnical works will commence from **early July 2026** and are anticipated to be **complete by mid-August 2026** (weather permitting). Works will generally be carried out between **6:30am to 6:30pm, Monday to Friday and should weekend works be required, 6:30am to 1pm Saturday**.

If works outside of these hours are required, residents will be provided with advance notification.

Testing is generally expected to take one-to-two days per geotechnical location, including road reinstatement, however slit trenches on Brinsmead Terrace will require a longer period of time, due to the depth and length of testing needed.

## Road surface reinstatement

Once testing at each location is completed, the hole is backfilled and the surface is restored to its original condition. On rare occasions final surface repair works may not be able to be completed on the same day due to unexpected reasons such as poor weather or difficult ground conditions. The road will be restored to a trafficable condition, and crews will return to complete final works before moving onto the next location.

Geotechnical testing will require temporary lane or road closures, with traffic and pedestrian controls (such as traffic controllers, signage, bollards, barriers and fencing) in place to safely guide vehicles and people around the work area.

## Who do I contact for more information?

You can contact our project team or subscribe for project updates by:

**Phone:** 07 4034 7601

**Email:** [kamerunga-woree@powerlink.com.au](mailto:kamerunga-woree@powerlink.com.au)

**Visit:** [www.powerlink.com.au/projects/kamerunga-woree-replacement-project](http://www.powerlink.com.au/projects/kamerunga-woree-replacement-project)

## Door knocking and community information drop-in sessions

Powerlink's project team will be door knocking residents who live close to the testing locations two weeks before works start.

We will also host community information drop-in sessions along the corridor. These sessions are to provide landholders, local residents, the wider community and other stakeholders with an opportunity to meet our project team and discuss the upcoming geotechnical testing works.

### **Kangaroo Leagues Club**

(172-184 Irene Street, Mooroolbool)

Thursday 25 June 4.30pm – 7.30pm

### **Goomboora Park**

(Shale St, Brinsmead)

Saturday 27 June 9:00am – 12.00pm

### **Earlville Shopping Centre**, near Stellarossa

(537 Mulgrave Rd, Earlville)

Thursday 2 July 4.30pm – 7.30pm

We appreciate your interest in this project and look forward to working with you as it progresses.

## About the project

Powerlink Queensland is undertaking investigations to inform planning for the Kamerunga to Woree Replacement Project. The project will involve the replacement of the Kamerunga Substation and the transmission line between Kamerunga to Woree to ensure a safe, secure and reliable electricity supply into the future.

Due to increased residential development along the existing line, part of the replacement line will include an underground cable in a new 10.4 km corridor, between Redlynch to Woree.

## Detailed information

### Ramsey Drive lane closure

Due to the concrete centre median on Ramsay Drive we will need to temporarily close the south bound lane of traffic (heading towards Irene Street) at various points for **up to seven days** while geotechnical investigations are underway.

The lane will remain closed while testing is carried out during the day and will be reopened to traffic in the evening. During this time traffic will be detoured at various points (dependent on testing location) and will see southbound traffic diverted through Teraglin Street, McFarlane Drive, Bassett Street and Elphinstone Street.

Variable message signs (VMS) will be installed at least one week prior to this closure to provide notice of these works.

Traffic controls including signage and traffic controllers will be in place along the detour route to direct road users.

### Brinsmead Terrace road closure

As the three slit trenches will impact both lanes of traffic resulting in a road closure, traffic flow onto Brinsmead Terrace will be redirected north or south (dependent on slit trench location) to access Cairns Western Arterial Road (CWAR) or Lake Morris Road.

Signage and traffic controllers will be in place to assist with directing residents and local traffic.

## What are geotechnical investigations?

Geotechnical investigations assess ground conditions such as soil, rock, and groundwater. The investigations will inform safe, practical design and construction decisions regarding the proposed high voltage underground cable.

Our investigations will include the following:

### Bore holes

Bore hole testing will be done at sites where construction may require under boring below the surface to install the cable. Under boring is needed when the cable path crosses major obstructions, such as waterways.

Bore holes will be dug using a truck mounted drill rig. Potholing using a small vacuum excavation truck will be done before testing starts so we can safely identify existing infrastructure such as pipes and cables.



Bore hole testing using a truck mounted drill rig.

## Test pits

Test pit excavation will be carried out using a small excavator or a truck mounted auger attachment to drill shallow holes, allowing us to inspect existing ground conditions. Potholing using a small vacuum excavation truck will be conducted before testing starts so we can safely identify existing infrastructure such as pipes and cables.



*Test pit excavation using a small excavator with an auger attachment.*

## Slit trenches

Slit trench investigations will be conducted at three locations along **Brinsmead Terrace** and will require the excavation across both lanes of traffic and temporary detours for local traffic.

Slit trenches involve digging a longer narrow trench using a small excavator supported by a small vacuum excavation truck to safely locate and confirm existing underground services (pipes and cables) as needed.

Each slit trench is expected to take up to one day to complete, and at the end of each day, the trench is filled in and the road reopened to traffic.



*Example of slit trenching and the required road closures.*

## About Powerlink Queensland

Powerlink Queensland is a leading Australian provider of electricity transmission services, focused on delivering a safe, affordable, reliable and sustainable network for our customers.

Our network extends 1,700 kilometres (km) from Cairns to the New South Wales (NSW) border and comprises 15,559 circuit km of transmission lines and 154 substations.

Our purpose is to connect Queenslanders to a world-class energy future, providing electricity to more than five million Queenslanders and 241,000 businesses.

