



A similar cable project in progress

### New cables in your area

Ausgrid is seeking input from the community as we plan a new cable route between our Willoughby substation in Campbell Street, Artarmon and our Mosman substation in Harbour Street, Mosman.

Ausgrid's Mosman zone substation is currently supplied by one 132, 000 Volt cable from the Willoughby substation, and a further two 132, 000 Volt cables from the Castle Cove zone substation in Chatswood.

These cables are more than 45 years old and are now approaching the end of their service life. They have been subject to failures in recent years and need to be replaced to maintain a safe and reliable power supply to customers.

In addition, Ausgrid is in the process of removing all cables of this type from its network. This forms part of an agreement with the Environmental Protection Agency to prioritise the replacement of self-contained fluid filled cables on the Ausgrid network.

### Community involvement

You have received this newsletter because you live or work near the preferred cable route which Ausgrid is considering.

Community feedback will be one of the factors considered by Ausgrid to plan the cable route and to develop the construction program.

### Community information sessions

Ausgrid has sought to involve the community in this project so we can use local feedback as part of the planning process. Ausgrid is holding two community information sessions during March and April 2018. We invite you to attend a session to find out more about the project, to provide feedback and to speak with the project team. No appointment is necessary, just drop in.

#### Community session 1 - Tuesday 27 March

Cammeray Golf Course  
Park Avenue, Cremorne  
Any time between 4:30pm and 7:30pm  
Presentation at 6pm

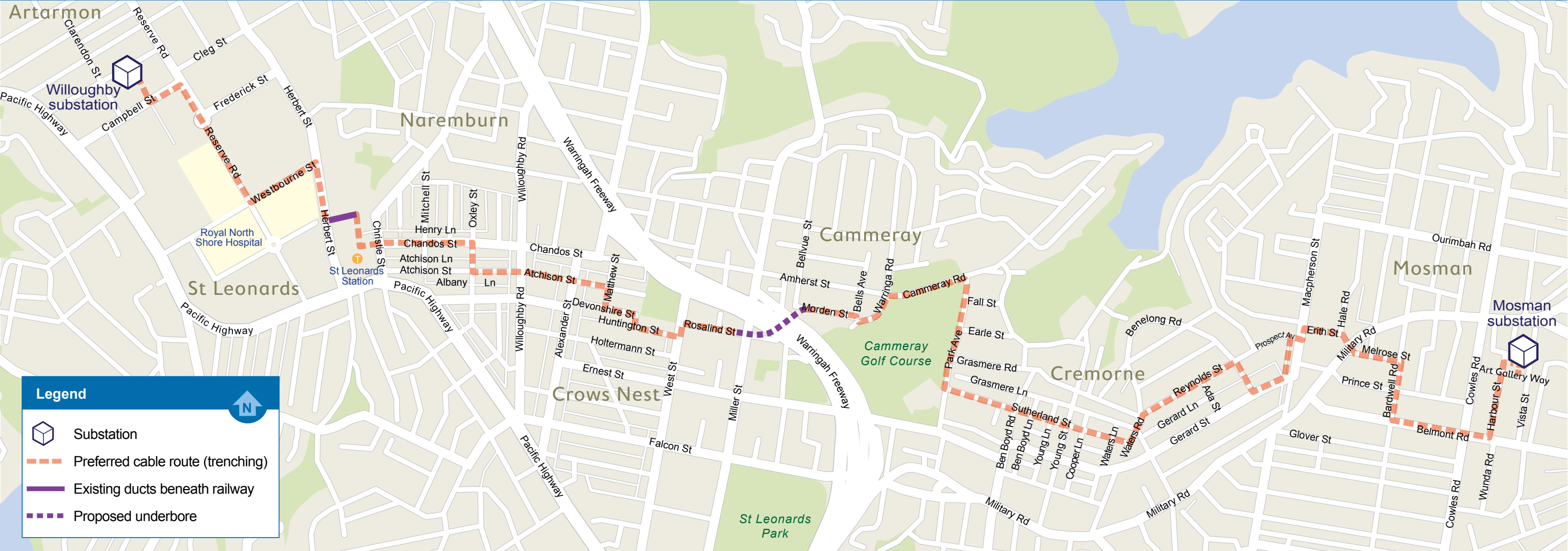
#### Community session 2 - Thursday 12 April

The College of Law  
2 Chandos Street, St Leonards  
Any time between 4:30pm and 7:30pm  
Presentation at 6pm

At each session, the project team will give a short presentation at 6pm. The presentation will be the same each time, so you only need to attend one session.

If you can't attend any of the sessions, please contact us and we can make alternative arrangements to discuss the project with you.

# Artarmon to Mosman cable project - proposed route



## Planning cable projects

There are a number of factors to consider while planning cable routes. These include:

- cost (minimising the impact on electricity bills)
- public health and safety
- availability of space around existing underground utility services
- environmental and social impacts
- technical feasibility
- traffic considerations.

Ausgrid started planning the project in 2017. This process involved consulting Willoughby City Council, North Sydney Council, Mosman Council, Roads and Maritime Services and other key stakeholders in the areas about possible cable routes.

## Investigating possible routes

Available corridors for the new cables are constrained by existing underground services and the need to align with specific points along the route, including:

- crossing the Warringah Freeway
- passing an Ausgrid site on Military Road, Mosman which is proposed for the location of a future substation
- using existing passages (ducts) installed under the main northern railway line near St Leonards Station
- using existing electricity easements on roads within Royal North Shore Hospital land.

The preferred route also minimises vegetation impact by avoiding the Cammeray Golf Course, as well any parks and reserves.

### Royal North Shore Hospital

To minimise impacts in the Artarmon area, the preferred route uses Ausgrid electrical easements in the roads that border Royal North Shore Hospital. Ausgrid has been consulting with the hospital to minimise impacts to its operations.

### St Leonards Station

The preferred cable route uses existing passages (ducts) beneath the northern railway line at St Leonards Station and Ausgrid electrical easements through the carpark at St Leonards Station. This will minimise impacts to the railway and traffic in the wider St Leonards area.

### Warringah Freeway

The cables need to cross under the Warringah Freeway from North Sydney to Cammeray. Roads and Maritime Services have advised Ausgrid that the preferred Warringah Freeway crossing location is near Miller Street, Cammeray. This is to preserve flexibility for future network enhancement in the Sydney Motorway network.

The project proposes to use a horizontal directional drill to underbore beneath the Warringah Freeway from Rosalind Street, Crows Nest to Morden Street, Cammeray in order to install the cables.

Construction setup would be required in both streets for the underbore entry and exit points. Ausgrid will be in touch directly with residents in both streets prior to work starting.

### Sutherland Street

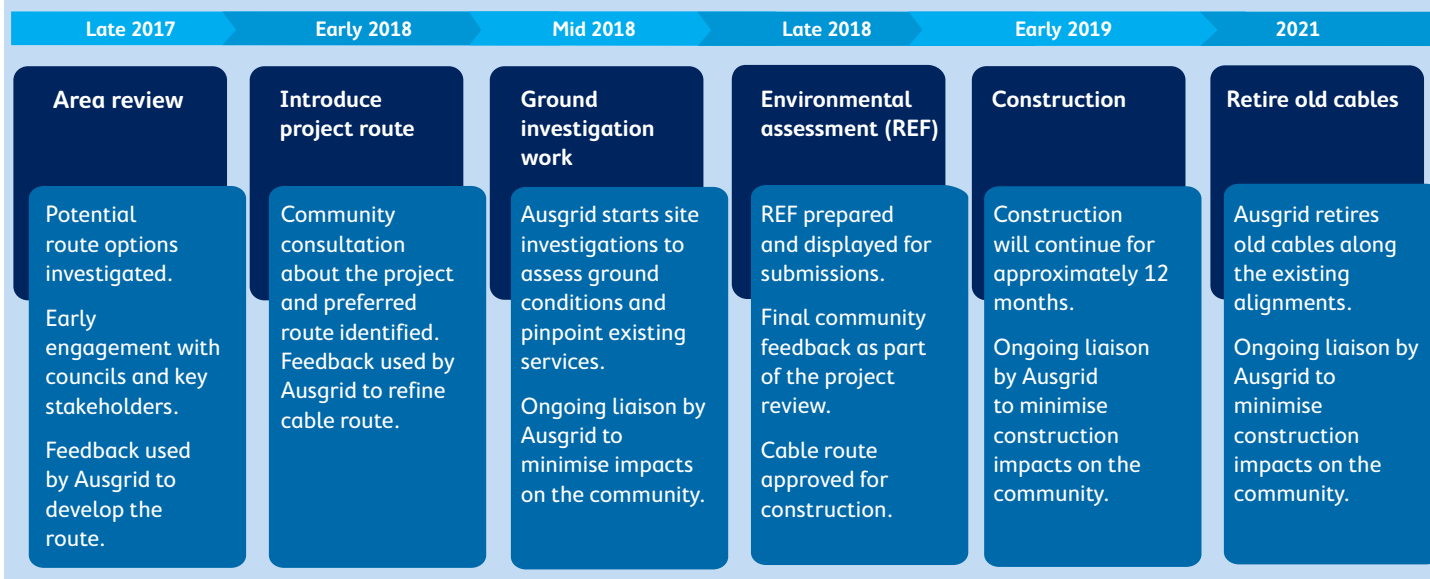
Ausgrid understands that North Sydney Council recently upgraded Sutherland Street. While it is currently part of the preferred route, Ausgrid continues to investigate other possible route options in the area to avoid installing the new cables in Sutherland Street.

### Proposed Cremorne Junction zone substation

Ausgrid purchased land at 494 and 500 Military Road in 2007, with the view to build a new substation at this site in the future. The substation would cater for increased electricity demands in Cremorne and surrounding areas. Planning for the substation project is not expected to start before mid 2020, and Ausgrid will consult the community about this proposal at that time.



## Project and community engagement timeline



## Project assessment and approval

Under the *NSW Environmental Planning and Assessment Act 1979*, Ausgrid is the consent authority for this project.

As part of this process, an environmental assessment known as the Review of Environmental Factors (REF) will be prepared. This process involves preparation of specialist studies and input from the community, councils and other authorities.

The REF will be placed on exhibition at several locations and the community invited to make submissions. The community along the preferred route will receive a newsletter with further details on this process. Following the REF exhibition, Ausgrid will review all submissions and prepare a report.

Ausgrid will then determine the project for approval based on information contained in the REF, specialist reports and other relevant documents.



Cable installation on a similar project

## Next steps

The timeline above provides an overview of the project and community engagement stages.

After considering and addressing feedback from the community and further planning, Ausgrid will conduct ground investigations and pinpoint existing underground services along the preferred cable route in mid 2018.

Once ground investigations are complete, Ausgrid will then work to refine the cable route for environmental assessment. There will be further newsletters with updates, including how we have used community feedback at each project stage. There will also be an opportunity to make a submission on the environmental assessment for this project.

## Keeping you informed

Pending approval, properties along the preferred route will receive further updates as the project progresses, including details on what to expect during construction. The latest project information will also be available on the project web page (see below). If you would like to receive project updates electronically, please email us with your details.

## Contact us

You are welcome to contact us with any enquiries:

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W [www.ausgrid.com.au/artarmontomosman](http://www.ausgrid.com.au/artarmontomosman)



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