

# South Yarra substation

## Community Update 1 – July 2023

The Department of Transport and Planning, and Yarra Trams are revitalising Melbourne's tram network to meet the city's future transport needs and increased demands on the tram network.

Melbourne is growing and we are adding more capacity to our tram network to provide more services and reliability for passengers. To support the increase in capacity, we are building a new extension on the existing substation site at 2 Daly Street, South Yarra.

The upgrade to the tram power supply will better support the operation of larger E-Class trams, which have room for more than 200 passengers.

E-Class trams running on Route 58 make catching a tram more accessible and reduces crowding on this busy travel corridor connecting key Melbourne destinations.

The extension on the substation will take just over a year and will be completed in three stages:

1. Early service installation and site mobilisation – August to September 2023.
2. Construction of new substation extension and installation of equipment – October 2023 to June 2024.
3. Testing and commissioning – July to August 2024.

Most of the work will occur:

- 7am to 5pm, Monday to Friday.
- 7am to 3pm, Saturday.

For any work outside of these hours we will provide advanced notification.

This is the first of our community updates to keep you informed as the work progresses. More information on what to expect during the build can be found on the next page. We appreciate your patience while we complete the work.



Route 58, E-Class tram on Toorak Road, South Yarra.  
Captured by Brenden Schonfelder.

For more information about the project visit [yarratrams.com.au/projects](https://yarratrams.com.au/projects), call 1800 800 007 or email [projects-comm@yarratrams.com.au](mailto:projects-comm@yarratrams.com.au)

# What to expect during the work

## Stage one: Early service installation and site mobilisation

**When:** August to September 2023.

During this stage we will:

- Set up the site (including fencing) at 2 Daly Street, South Yarra.
- Locate underground services through non-destructive digging.
- Install services such as gas, water, stormwater drainage, and power to the substation.

Throughout this period, you may notice more vehicles on Daly Street and there will be low levels of noise. Minor traffic management arrangements will be in place as needed.

The location of the site shed has not been finalised. We will provide more information in the next update.

There will be no impact to tram services.

## Stage two: Construction of new substation extension and installation of equipment

**When:** October 2023 to June 2024.

During this stage we will:

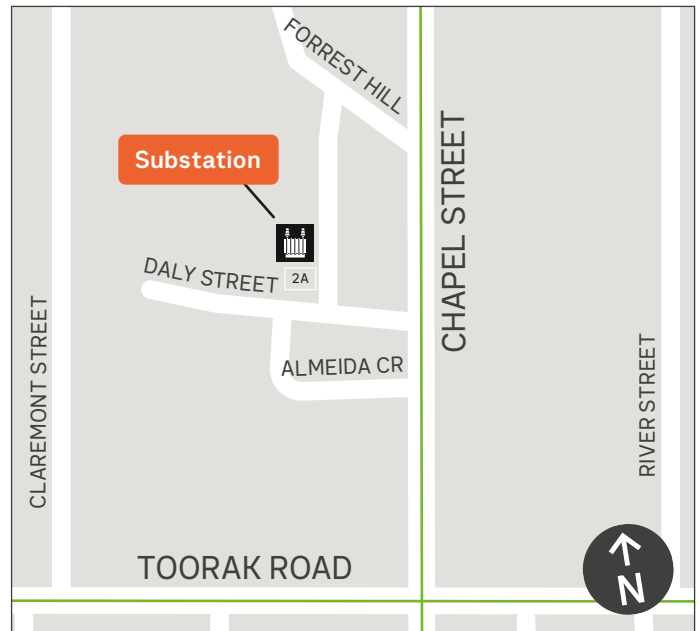
- Retire and remove any services not in use around the substation.
- Install services under the new substation building extension.
- Build the extension on the side of the existing substation.
- Construct new access doors for the existing building.
- Install all the new electrical equipment within the new extension, whilst relocating existing equipment into the new extension.

During construction, there will be an increase in workers and vehicles around the site. At times we may need to close the footpath and install localised detours. Noise will not exceed normal construction noise levels for this stage. All works will be conducted during work hours. Minor traffic management arrangements will be in place as needed to help locals move safely through the area.

**There will be five days of 24-hour works in April 2024 and four days of 24-hour works in May 2024.**

**During the 24-hour works in April we will:**

- Disconnect the incoming power.
- Install new services within the old substation.
- Replace the old equipment within the existing substation.



**During the 24-hour works in May we will:**

- Upgrade existing electrical equipment.
- Connect all the cables from the old equipment to the new equipment.

The substation will then be powered with the new equipment.

More information will be provided closer to the 24-hour works; however, the community can expect:

- Buses replacing Route 58 and Route 78 tram services.
- Vehicles, machinery, and workers on site.
- Mostly low to medium levels of noise.
- Localised traffic and pedestrian management.
- Short periods of high noise levels when concrete is cut.
- Access to properties will not be affected by the works, there will be no disruption to power supply.

After these 24-hour works, we will complete construction by demolishing the wall between the new and existing substation.

Throughout this stage there will be an increase in vehicles and workers on site, however noise will not exceed normal construction noise.

## Stage 3: Testing and commissioning

**When:** July to August 2024

Once the substation building is complete and all equipment installed, we will test and commission the substation. Most of this work will occur inside the substation so there will be minimal impacts to residents and traders during this time.