

## Construction update

### Site establishment and substation construction

Sydenham Road, Delahey

From mid-May 2021 to mid-2022

As part of the Sunbury Line Upgrade we are delivering power upgrades that will allow bigger, more modern trains to run on the Sunbury Line. To facilitate a power uplift in the area, a new electrical substation will be built in Delahey that will improve the capacity, reliability and frequency of train services for passengers.

Substations contain equipment which converts local power supply into the voltage needed to run trains on the network. To support the start of works, we will be establishing a construction site on a closed section of Sydenham Road.

#### Construction snapshot

- Site establishment
- Site investigations and cable installation works
- Delivery of a pre-built substation.

Further information on these works can be found overleaf or at [railprojects.vic.gov.au](http://railprojects.vic.gov.au)

Further notification will be provided to the community as we move closer to commencing construction.

#### When are we working?



##### Normal construction hours

7am to 6pm, Monday to Friday  
7am to 1pm, Saturdays



##### Out of hours

Some works are required to take place out of normal construction hours.



##### 24 hours

24-hour works are sometimes required during peak construction activities.

# Works in your area

## Site establishment

*From mid-May to early 2022*



- Establishing a project site compound including worker amenities, staff car parking and a laydown area for the storage of construction materials
- Installing temporary fencing around the perimeter of the site
- Vegetation and ground clearing around the footprint of the new substation.

### What to be aware of

- There will be an increase in construction vehicles travelling on local roads to access Sydenham Road. Traffic controllers will be present at times to assist construction vehicle access, pedestrians and cyclist movements around the construction site
- There are significant grassland species in this location and the project is working to protect these species and minimise vegetation removal. However, some vegetation needs to be removed to make room for the new substation
- These works are expected to generate low to medium levels of noise and vibration
- These works may result in increased levels of dust in the area. The use of a water cart will be used to minimise the impact of dust.

## Site investigation and cable installation works

*From June to November 2021*



- Non-destructive digging (NDD) to investigate ground conditions and confirm the area is free of underground services
- Using excavators and boring machines to dig underground
- Asphalt sawing and operation of NDD trucks will facilitate the installation of underground services and pits
- NDD uses pressurised water to break up and vacuum soil, exposing assets and services without damaging them
- Installing communications and power services in excavated trenches.

### What to be aware of

- These works are expected to generate medium to high levels of noise and low to medium levels of dust and vibration
- These works may result in increased levels of dust in the area. The use of a water cart will be used to minimise the impact of dust.

## Delivery of a pre-built substation

*From mid to late 2021*



- Overnight delivery of a pre-built substation building on an oversize truck with escort vehicles
- More details about the delivery will be provided to nearby residents closer to the date.

## Substation building, electrical works and landscaping

*From late 2021 to mid-2022*

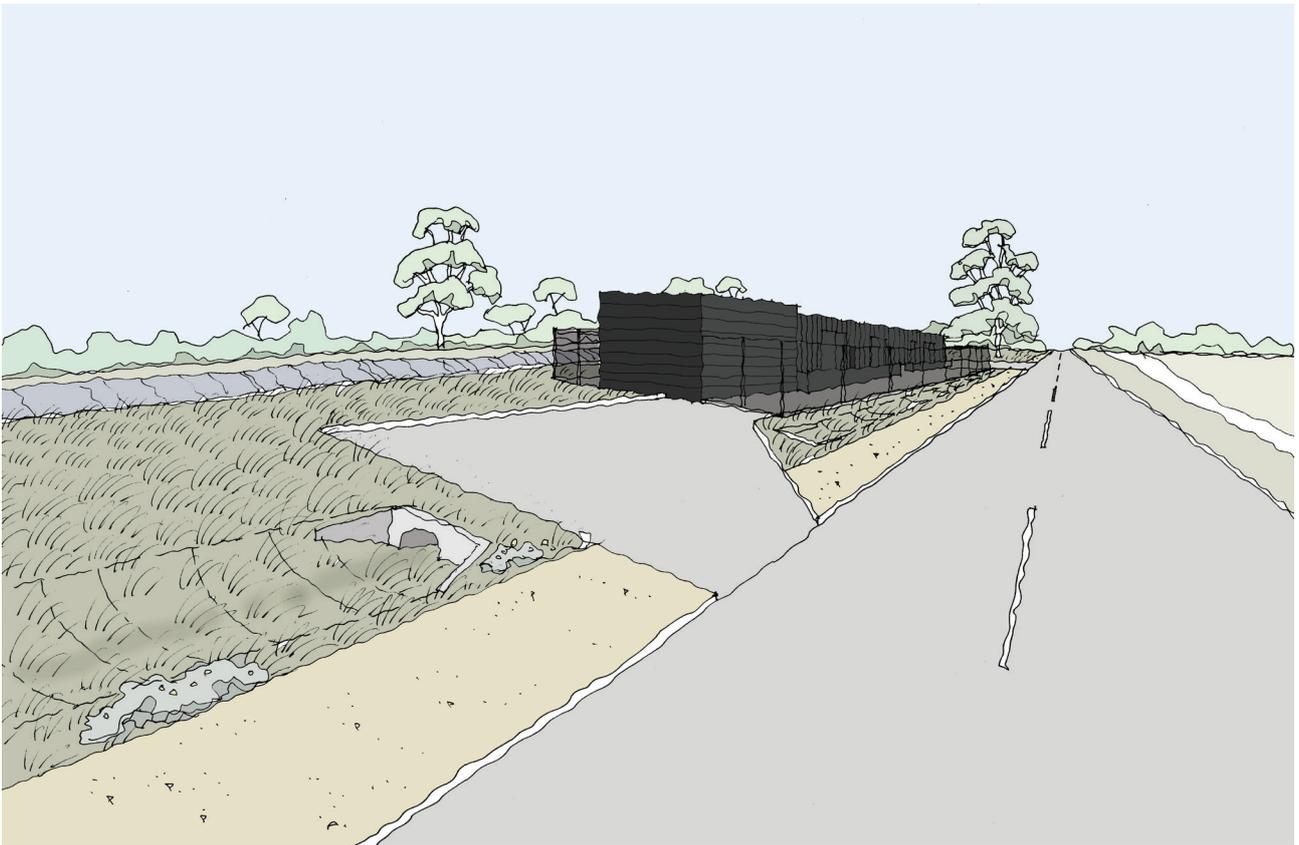


- Fitting out the electrical equipment inside the substation building
- Installing electrical equipment next to the substation building
- Installing secure fencing around the substation building and electrical equipment
- Planting native shrubs, grasses, trees and flowers around the substation building
- More details about these works will be provided closer to the date.

### What to be aware of

- These works are expected to generate low to medium levels of noise and vibration
- These works may result in increased levels of dust in the area. The use of a water cart will be used to minimise the impact of dust.





Artist impression of the new Sydenham Road substation

Major construction of the new substation is expected to start from June 2021. The new substation will be a self-contained, unstaffed building.

A screen will be built around the perimeter of the building to secure the substation and an access driveway will be built on Sydenham Road.

The building design will fit within this part of Delahey by use of neutral colours and materials, reflecting the surrounding grasslands and clay soils.

Planting around the site will prioritise the reinstatement of native grasses, integrating the substation into the surrounding environment.

### Health and safety

Works on the Sunbury Line Upgrade are progressing with strict COVIDsafe plans in place.

The health and safety of our workforce and community remains our top priority.

For more information and advice about the coronavirus (COVID-19), please visit [coronavirus.vic.gov.au](https://coronavirus.vic.gov.au).

### New Sydenham Road substation

Learn more about the new substation at [railprojects.vic.gov.au/sunburylineupgrade](https://railprojects.vic.gov.au/sunburylineupgrade)

### More information

To find out more about the Sunbury Line Upgrade:

 [railprojects.vic.gov.au](https://railprojects.vic.gov.au)

 1800 105 105 (24 hours a day, 7 days a week)

Rail Projects Victoria  
PO Box 4509, Melbourne, VIC 3001



Interpreter Service (03) 9209 0147

It should be noted that this information is current at the time of printing, however due to unforeseen circumstances, changes may occur. Please visit [railprojects.vic.gov.au](https://railprojects.vic.gov.au) for the latest updates.