

Construction update

Sydenham Road, Delahey

10 January 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. A new electrical substation is being built in Delahey to improve the capacity, reliability and frequency of services for passengers.

To support construction of the new Delahey substation, we're installing underground electrical equipment, upgrading sewerage pipes and reinstating landscaping around the substation site.

Construction snapshot

Current and upcoming construction works in Delahey will include:

- Underground electrical equipment installation works
- Landscaping and reinstatement works
- Sewerage pipe upgrade works.

Further information on these works can be found overleaf or at railprojects.vic.gov.au

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

Underground electrical equipment installation works

Monday 10 January to late-February 2022



- Excavation works are required between Sydenham Road and the rail corridor to enable upgrades to underground power cabling and electrical supply equipment
- Using excavators and non-destructive drilling (NDD) to dig underground and install electrical equipment in excavated trenches that will service the new substation building.

What to be aware of

- These works are expected to generate medium to high levels of noise and dust
- Minor vegetation removal works will take place to facilitate these works. No trees are expected to require removal
- There will be an increase in construction vehicles accessing Sydenham Road. Traffic controllers will be present at times to assist with vehicle, pedestrian and cyclist movements around the area
- Ground conditions in the local area contain basalt rock which, if encountered, will need to be broken to facilitate these works
- Some of the works will be undertaken out of hours on Saturdays between 1pm and 5pm. Construction activities that generate lower levels of noise will be undertaken during this time.

Landscaping and reinstatement works

10 January to Late March 2022



- Planting of native grasses around the new substation
- Footpaths, gutters and substation fencing will be installed on Sydenham Road.

What to be aware of

- These works are expected to generate low levels of noise and dust
- Planting around the site will prioritise the reinstatement of native grasses, integrating the substation with the surrounding environment
- Concrete mixers will be on-site at times to allow concrete pouring for the new footpath and gutter.

Sewerage pipe upgrade works

March to April 2022



- Sewerage pipe upgrade works are required to connect the new Sydenham Road substation with the nearby sewer connection point on McNicholl Way
- Using excavators, non-destructive drilling (NDD) and boring machines to dig underground and install drainage pipes that will service the new substation building
- Underground boring works will take place from the pedestrian crossing on Sydenham Road and travel underneath McNicholl Way
- Excavation works will be required on Sydenham Road and McNicholl Way to create launch and retrieval shafts for the underground boring machinery.

What to be aware of

- These works are expected to generate high levels of noise and dust and medium levels of vibration
- The pedestrian crossing between Sydenham Road and Lady Nelson Way will be temporarily closed
- Ground conditions in the local area contain basalt rock which, if encountered, will need to be broken to facilitate these works
- There will be an increase in construction vehicles accessing Sydenham Road. Traffic controllers will be present at times to assist with vehicle, pedestrian and cyclist movements around the area
- More details about these works will be provided closer to the date.



Legend

- Sewerage pipe upgrade works
- Underground electrical installation works area
- Site compound and landscaping area
- Substation location
- + + Rail corridor



The new Delahey substation was installed on site along Sydenham Road in November 2021.

New Delahey substation

Learn more about the new substation at railprojects.vic.gov.au/sunburylineupgrade

More information

To find out more about the Sunbury Line Upgrade:

 railprojects.vic.gov.au

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

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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 for the latest updates.