

# Monthly construction update

## South Yarra

August 2022

Works to construct the Metro Tunnel's eastern entrance in South Yarra are progressing. This update provides an outline of current and upcoming works in your area throughout August 2022.

### Construction snapshot

In August, works within the South Yarra precinct will include:

- Rail delivery nightworks
- Rail tunnel fit-out
- Constructing the egress building
- South Yarra Siding Reserve finishing works
- Fit-out of the substation within the Siding Reserve.

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

### High Capacity Signalling technology testing

Out of hours testing will continue intermittently on the Cranbourne and Pakenham lines throughout 2022 to enable High Capacity Signalling testing.

Testing of the High Capacity Signalling technology is expected to generate low levels of noise.

To know more about the High Capacity Signalling technology, please visit [bigbuild.vic.gov.au](https://bigbuild.vic.gov.au)

### When are we working?



#### Normal construction hours

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

Some activities may be required to continue slightly past these hours. All efforts will be made to complete activities as scheduled.



#### 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

## Rail delivery nightworks

### Decline structure

18 August 2022, 9pm to 5am

Preparatory works

21 to 24 August 2022, 9pm to 5am each night

Rail delivery



- On 18 August and between 21 and 24 August there will be nightworks between 9pm and 5am each night
- During these works, the first sections of rail to be installed within the Metro Tunnel, between South Yarra and the CBD, will be delivered to the eastern portal site
- As these sections of rail are delivered by train, they will need to be delivered outside of normal working hours
- On 18 August, fencing and preparatory surface works will occur from 9pm through to 5am
- Between the 21 and 24 August, there will be rail deliveries from 9pm through to 5am each night
- A train will deliver the 160m-long lengths of rail and will stop between the decline structure and the Chapel Street rail bridge. The rail will then be removed from the train and stored in the decline structure for future installation within the completed tunnels
- Excavators and construction machinery will be used to remove fencing and prepare the area for rail deliveries
- Excavators will drag rail from the delivery train down into the decline structure
- While the project aims to schedule noisier works during normal construction hours, these works can only be carried out when normal train services are not running
- These works are expected to create medium to high levels of construction noise. More information will be provided closer to the commencement of these works.

## Rail tunnel fit-out

### William Street bridge

Ongoing



- During the month of July, rail tunnel fit-out works on William Street bridge have been on hold while concrete pours are completed inside the egress building
- In August, rail tunnel fit-out works will recommence and the number of deliveries to site will increase
- The crane on the William Street bridge will be used to lower equipment and materials into the decline structure for rail tunnel fit-out works

- While there will be an increase in deliveries and use of the crane, these deliveries will cease on surface at 10pm on weeknights and 1pm on Saturdays
- Works will continue 24/7 within the decline structure and tunnels for rail tunnel fit-out
- Trucks will travel to and from site via Toorak Road into William Street and Chapel Street
- William Street bridge will be the only access point for rail tunnel fit-out works moving forward.

## Egress building construction

### Osborne Street

Ongoing



- Works continue building out the retrieval shaft as part of the egress building construction
- In July, the B1 level slab within the egress shaft was completed, this enabled the removal of the large steel support struts within the egress shaft
- Internal wall construction will recommence in August; this includes waterproofing and preparatory works, steel fixing, installation of false-work supports and formwork systems, and concrete pours. These works will generate low to medium levels of noise with works continuing overnight within the retrieval shaft
- A small crawler crane will be operating inside the shaft outside of normal construction hours assisting the lifting of formwork into place, deliveries to site and logistics may be required with the large gantry crane until 10pm
- Works will remain ongoing at base slab level connecting the decline structure into the egress shaft, and will involve concrete pours from within the Osborne Street site
- Concrete pours for structure works will mostly be completed during normal work hours, however, to ensure structural integrity, concrete pours must be continuous and therefore may need to occasionally occur out of hours.

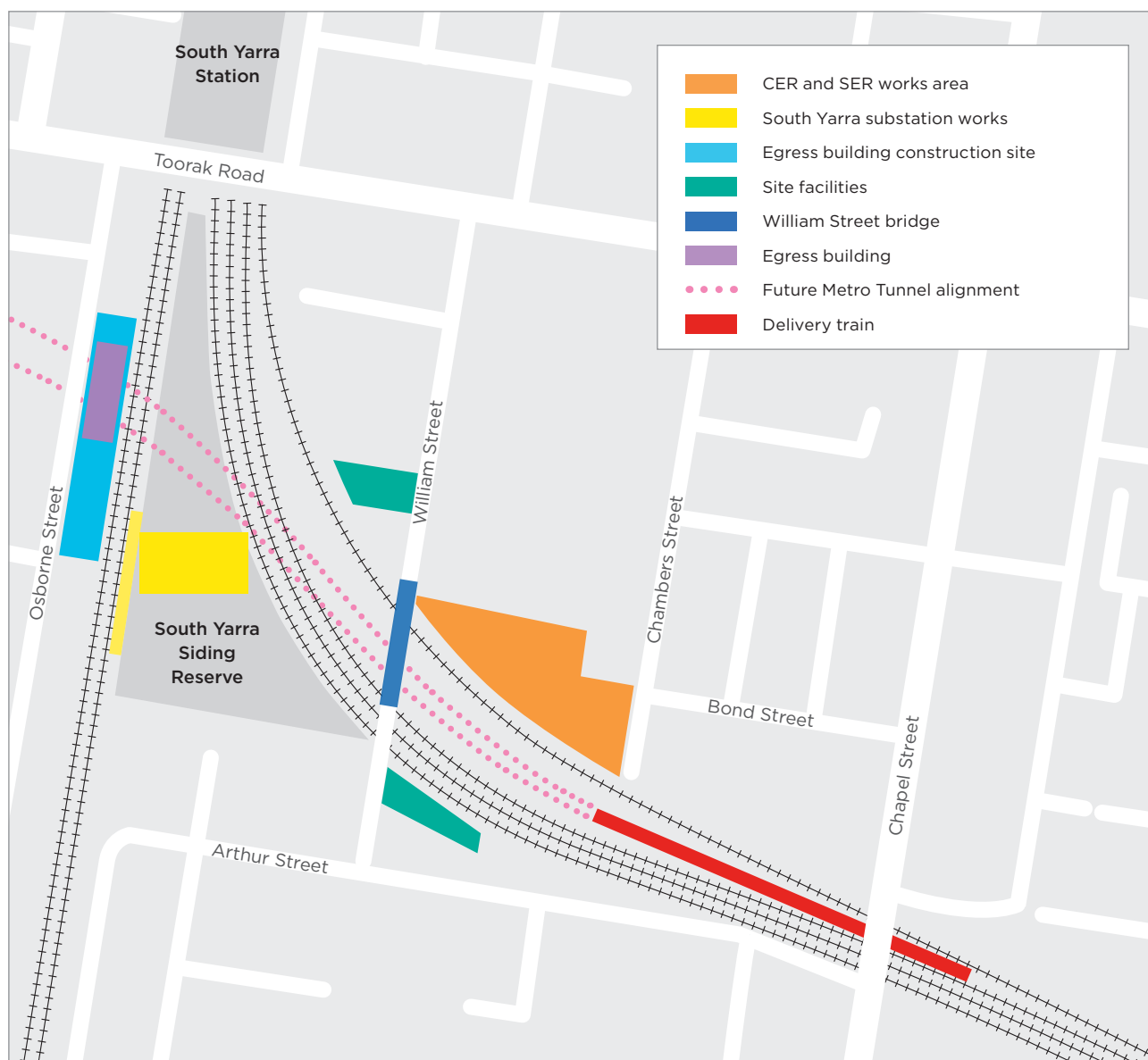
## Siding Reserve finishing works

### South Yarra Siding Reserve

Ongoing to late-2022



- Works to finish the irrigation, pavements, fencing, line-marking, underground conduits, asphaltting the footpath and landscaping works will continue until the end of the year
- These works will involve the use of excavators, elevated works platforms, a non-destructive digging (NDD) truck, asphalt equipment, compaction equipment and crews with hand tools
- Works are expected to generate medium levels of noise with some high-level peaks and low to medium levels of vibration when compaction works are in progress.



Eastern Entrance at South Yarra Construction Works – Indicative only.

## Substation electrical fit-out and completion works

### South Yarra Siding Reserve and Arthur Street

Ongoing to late-2022



- Works to deliver and install rail signalling assets within the South Yarra substation will continue in August
- Works will involve delivery trucks, a crane to lift materials and crews with hand tools
- Works are expected to generate low levels of noise with some medium to high-level peaks when NDD is undertaken along Arthur Street.

## South Yarra substation maintenance ramp works

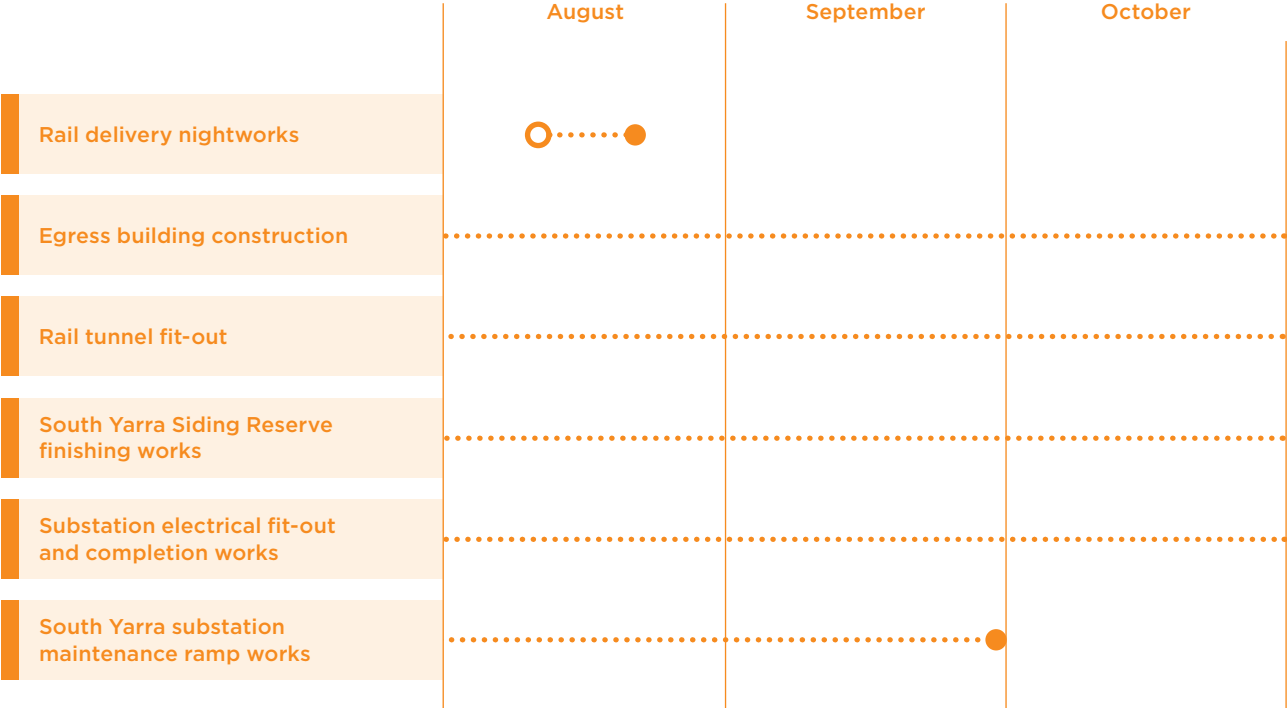
### South Yarra Siding Reserve

Ongoing to September 2022



- Asphaltting works and asset installation along the substation maintenance ramp including drainage, bollard, and screen installation will continue in August
- Works will require the use of NDD trucks, asphalt materials, small compaction rollers and crews with hand tools
- Works are expected to generate medium levels of noise and low vibration.


# Three-month look ahead




Works progressing within the South Yarra Siding Reserve

**More information**

To find out more about the Metro Tunnel Project:



metrotunnel.vic.gov.au



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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](http://railprojects.vic.gov.au) for the latest updates.