



## MONTHLY CONSTRUCTION UPDATE

### SOUTH YARRA AUGUST 2020

Works to construct the Metro Tunnel's eastern entrance in South Yarra will continue throughout August. This month, work continues to progress on the installation of rainwater detention tank walls, ongoing extended hours within the egress shaft and the construction of the tunnel base slab and walls within the South Yarra Siding Reserve.

This notification provides an overview of upcoming works throughout August.

#### Construction snapshot

Construction works will include:

- Extended hours within the egress shaft
- Extended hours for steel fixing within the tunnel
- Construction of the tunnel entrance base slab and walls
- Installation of rainwater detention tank walls
- Pipe installation works
- 24/7 rail works for drainage, cable conduit installation and maintenance works
- Tunnel boring machine retrieval preparatory works.

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

#### When are we working?



##### Normal construction hours

7am to 6pm, Monday to Friday  
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. The timing of these works are outlined in the construction information overleaf.



##### 24 hours

24-hour works are sometimes required during peak construction activities. The timing of these works are outlined in the construction information overleaf.

#### Project Information Line

# 1800 105 105

24 hours a day, 7 days a week  
Press 2 for Metro Tunnel

# WORKS IN YOUR AREA

## Extended hours within the egress shaft

### South Yarra Siding Reserve

We will continue working around the clock Monday to Friday and from 7am to 3pm on Saturday until 30 September 2020



- The egress shaft will provide essential access to the rail line for maintenance and work crews
- Excavation of the tunnel egress shaft was completed in July. Having reached a depth of 21 metres below ground, works to construct the internal walls will commence in August
- Works will include installing scaffolding within the shaft, waterproofing, steel fixing, spraying concrete to strengthen the walls and formwork in preparation for additional concrete pours
- These works will require the use of a crane to lower materials into the egress shaft, a concrete pump and hand tools
- Works are expected to generate medium to high levels of noise.

## Extended hours for steel fixing within the tunnel

### South Yarra Siding Reserve

We will be working around the clock Monday to Friday and from 7am to 3pm on Saturday from 10 August until 30 September 2020



- Having reached a depth of 8 metres below ground, works to finalise the interior wall and floor of the tunnel entrance will now be completed around the clock, six days a week
- Steel form work will be installed and fixed into place using hand tools
- These works will require the use of elevated work platforms, a forklift and hand tools
- Works are expected to generate low levels of noise, with some medium level peaks. The depth of the works area and the concrete roof slab will suppress construction noise as works progress underground
- Works will be completed under directional lighting to ensure the safety of our workers. Every effort will be made to direct these lights away from residential properties.

## Construction of the tunnel entrance base slab and walls

### South Yarra Siding Reserve

Occasional out of hours works to late-October 2020



- Works to construct the tunnel base and walls will continue throughout August
- This will involve several concrete pours for the base slab and walls

- Works will also involve spraying concrete (shotcrete) to line the walls of the tunnel. To ensure the structural integrity of the walls, some out of hours works will occur between 7am and 10pm Monday to Friday from 10 August
- During concrete pours, additional trucks will be required to enter and exit the South Yarra Siding Reserve
- Works are expected to generate low to medium levels of noise.

## Installation of rainwater detention tank walls

### South Yarra Siding Reserve

Ongoing to mid-November 2020



- Construction of the detention tank walls will continue throughout August
- Works will include waterproofing and connecting the previously installed panels using concrete
- The temporary props that supported the detention tank walls will be removed in August
- Works are expected to generate low to medium levels of noise.

## Pipe installation works

### Arthur and William streets

August 2020



- In August, works to install new drainage pipes within the South Yarra Siding Reserve will be completed
- The new pipes will be connected to the rainwater detention tank in late August
- The pipes will be installed using a hydraulic jack, which will push the pipe into the ground
- These works are expected to generate medium to high levels of noise as the pipe is pushed into the ground, with some low level vibration.

## 24/7 rail works for drainage, cable conduit installation and maintenance works

### Rail corridor between South Yarra and Caulfield stations

Friday 21 to Monday 24 August 2020



- 24/7 works will take place within the rail corridor between South Yarra and Caulfield stations after the last passenger service on Friday night and will be completed before the first passenger service on Monday morning
- Works include painting a section of the William Street bridge, drain rectification works at South Yarra station, the installation of cable conduits within the rail corridor in the South Yarra Siding Reserve and minor maintenance works along the rail corridor between South Yarra and Caulfield stations

- Works will involve the use of an elevated work platform, excavators, a non-destructive digging (NDD) truck, drills and hand tools
- These works are expected to generate medium levels of noise with some high level peaks
- Please note works will not impact train services. Visit [www.ptv.vic.gov.au](http://www.ptv.vic.gov.au) for more information.

## Tunnel boring machine retrieval preparatory works

### Osborne Street

Ongoing to late 2020



- Works continue on Osborne Street to prepare for the retrieval of two tunnel boring machines (TBMs) as they continue their journey from Domain to the Eastern Portal
- Within the retrieval shaft, two 4.1 metre stub tunnels are being constructed to assist with TBM breakthrough and create more room for disassembly

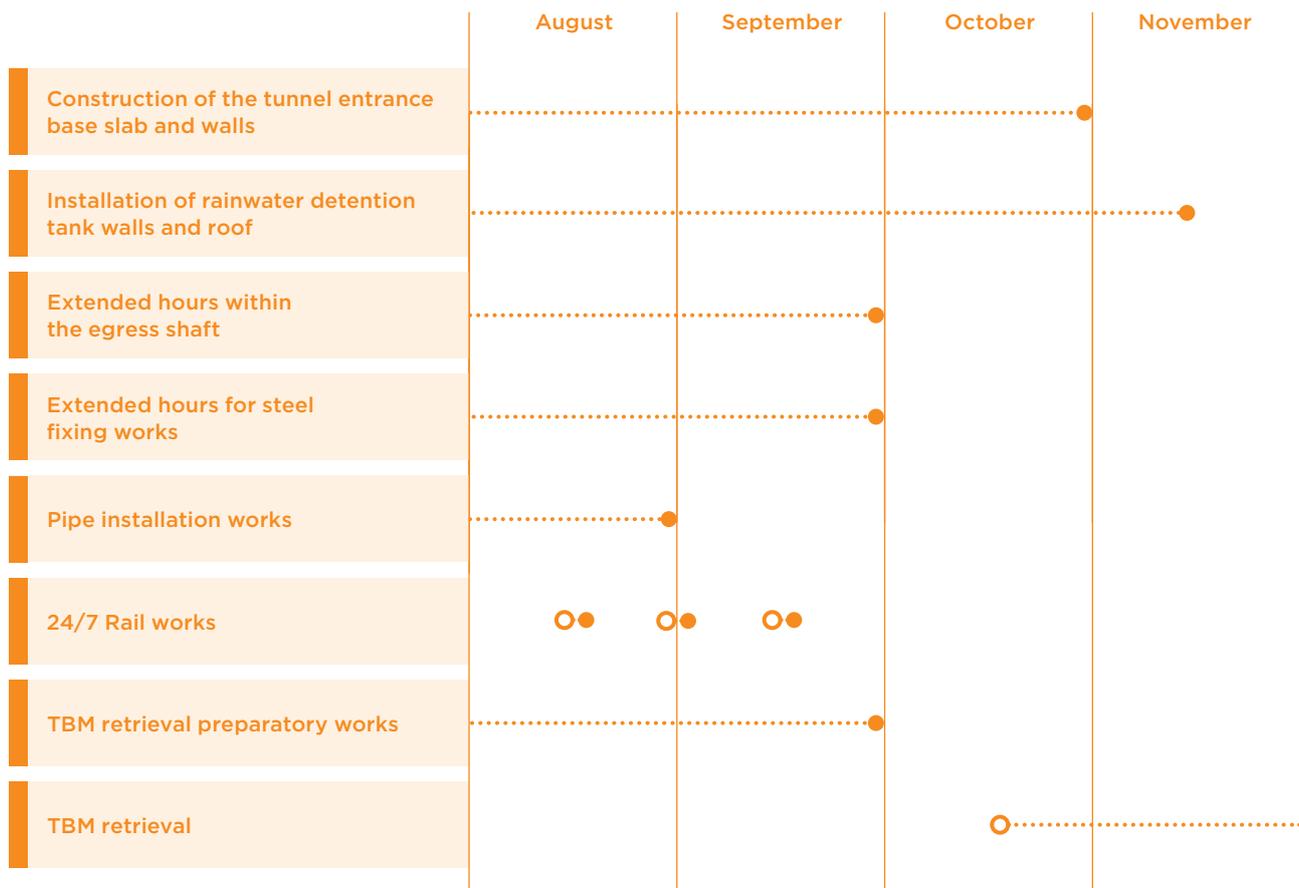
- With the drilling of canopy tubes and breakout of piles completed in July, the team will finish mining and shotcreting to complete construction of the stub tunnels in August
- Excavators with concrete and soil trucks will be used. Medium levels of noise are expected
- Upon completion of the stub tunnels, the team will perform some final preparatory works before TBM breakthrough later in 2020.

## Traffic impacts

Further to the works notification in late June, we wish to advise that the out of hours works to connect the previously installed drainage pipes to the stormwater system have been rescheduled to Saturday 22 to Sunday 23 August. To complete these works, one lane of traffic will be intermittently closed on Yarra Street. Residents will be notified of the works closer to the date.



# LOOK AHEAD FOR 2020



## Eastern Portal Development Plan update

RIA is seeking community feedback on a proposed amendment to the Eastern Portal Development Plan.

Proposed updates include new rail services buildings to deliver vital communications and signalling infrastructure for the Metro Tunnel, as well as minor design changes.

The amended Development Plan has been on public display since Monday 13 July and will close at 5pm on Friday 31 July 2020. Public feedback can be submitted online at [engage.vic.gov.au](https://engage.vic.gov.au).

## Changes to normal construction hours

Due to COVID-19 we are ensuring social distancing on site. The project will now be running two pre-start meetings with our workforce.

Pre-starts will run between 6am and 7am. You may notice additional movements on site.

## Health and safety

The health and safety of our workers and the community is our key priority as we continue to deliver the Metro Tunnel Project, as is supporting physical distancing measures in line with current health advice. We have strict protocols in place to protect the safety of our construction workforce, including enhanced industrial cleaning arrangements, provision of personal protective equipment and measures to reduce staff contact, including staggered shifts. For more information about Coronavirus (COVID-19), please visit [coronavirus.vic.gov.au](https://coronavirus.vic.gov.au).

## More information

To find out more about the Metro Tunnel Project:

 [metrotunnel.vic.gov.au](https://metrotunnel.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.