



MONTHLY CONSTRUCTION UPDATE

SOUTH YARRA MAY 2020

Works to construct the Metro Tunnel's eastern entrance are continuing in South Yarra. Throughout May, works will include the ongoing excavation of the tunnel entrance, construction of the tunnel base slab and walls, as well as the installation of the detention tank walls within the South Yarra Siding Reserve.

This notification provides an overview of upcoming works throughout May.

Construction snapshot

Construction works will include:

- Excavation of the tunnel entrance
- Construction of the tunnel entrance base slab and walls
- Installation of rainwater detention tank walls
- Installation of anti-throw screens along the rail corridor
- Excavation of the egress shaft
- Arthur Street drain installation works
- Osborne Street bridge works
- Tunnel boring machine (TBM) retrieval shaft construction
- Rail track survey works.

Further information on these works can be found overleaf or at 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

Excavation of the tunnel entrance

South Yarra Siding Reserve
Ongoing to late June 2020



- Excavation of the tunnel entrance will continue throughout May
- Excavators and bulldozers will be used to remove soil from the tunnel, where it will be loaded into trucks and removed from site
- Work within the tunnel will take place between 6am to 10pm until late June 2020
- These works are expected to generate low to medium levels of noise.

Construction of the tunnel entrance base slab and walls

South Yarra Siding Reserve
Ongoing to late 2020



- Works to construct the tunnel base and walls to ensure the structural integrity of the tunnel will continue throughout May
- This will involve a number of concrete pours for the base slab and walls
- During the 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 late June 2020



- Construction of the detention tank walls will take place throughout May
- To complete the structure, pre-cast panels will be delivered to site and installed using a crane. The base slab for the detention tank was poured earlier in the year, the installation of the pre-cast walls will create the structure for the detention tank
- Works are expected to generate low to medium levels of noise.

Installation of anti-throw screens along the rail corridor

South Yarra Station to Chapel Street
Ongoing to late 2020



- As part of the final design for the new tunnel entrance in South Yarra, works to install the anti-throw screens and fencing to protect the rail corridor from debris and to improve safety will continue throughout May
- The screens will be installed adjacent to the rail corridor along Arthur Street, William Street and Lovers Walk

- The screens and fencing will be delivered to site and installed using hand tools
- These screens are a requirement for all new infrastructure located along the rail corridor
- Works are expected to generate low levels of noise.

Excavation of the egress shaft

South Yarra Siding Reserve
Ongoing to late July 2020



- Excavation of the tunnel egress shaft will continue throughout May
- Once completed, the egress shaft will provide essential access to the rail line for maintenance and work crews
- Excavation of the shaft will involve the use of excavators
- Once complete, steel will be used to form a support structure for the tunnel. Concrete will be poured over the steel, to reinforce the shaft. The concrete pours are expected to take place throughout May
- Works are expected to generate low to medium levels of noise.

Arthur Street drain installation works

Arthur Street
Late May to early June 2020



- Preparation works to install new drainage pipes commenced in April
- Additional drainage will be installed under Arthur Street in late May. These will connect the rainwater detention tank to the existing stormwater system
- Works will involve removing sections of the asphalt on Arthur Street, to expose the existing drainage. Once the pipes are connected, works to reinstate the road will take place
- Further drainage works will take place within the worksite in the South Yarra Siding Reserve
- These works are expected to generate medium to high levels of noise
- Arthur Street will be closed to all traffic for periods of time during the works. Residents will be notified of the details closer to the date.

Osborne Street bridge works

Osborne Street
Ongoing to late July 2020



- Works to prepare for the future connection between Osborne Street and the South Yarra Siding Reserve will continue throughout May
- Concrete abutments will be installed on either side of the rail corridor to create a safe foundation to fix in place the future bridge structure

- Piling pads were installed in mid-March within the existing construction site on Osborne Street. Piles will be installed and then filled with concrete
- To complete the abutments, steel will be fixed to the piles, and concrete will be poured over the steel
- These works will involve the use of a compaction roller and will generate medium levels of vibration with some medium to high level noise
- Major bridge works are scheduled to begin in mid-2020, with urban design components of the bridge to be finalised later this year.

TBM retrieval shaft construction

Osborne Street
Ongoing to late May 2020



- In April, construction of the structural walls within the retrieval shaft continued which included reinforcement with formwork to facilitate additional concrete pours

- Waterproofing and strengthening works will continue in May as the tunnelling team prepare to take over the site
- Work will commence on the excavation of two 4.1m deep 'stub tunnels' inside the TBM retrieval shaft in anticipation for TBM retrieval in late 2020
- The stub tunnels assist with TBM breakthrough and allow additional space for disassembly and retrieval.

Rail track survey works

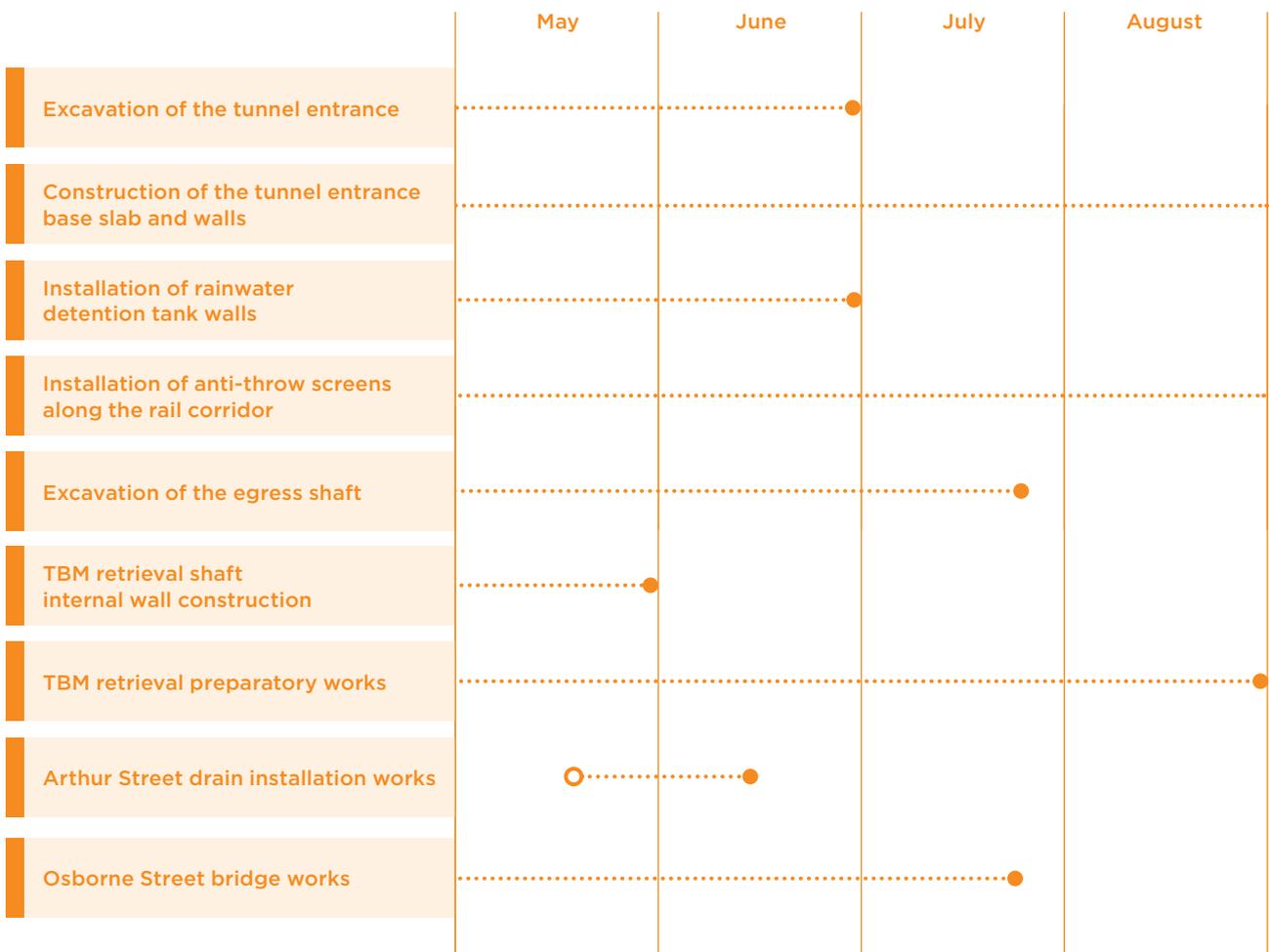
Rail corridor
Tuesday 12 to Wednesday 13 May 2020



- Works will be completed to survey the new rail track that was recently installed during January
- Works begin after the last passenger train service on Tuesday 12 May and finish before the first passenger service on Wednesday 13 May
- There will be a small work crew on site, using headlamps and survey equipment
- Work is expected to generate low level noise.



LOOK AHEAD FOR 2020



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.

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. Additional movements on site may be noticed.

More information

To find out more about the Metro Tunnel Project:

 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 for the latest updates.