



## MONTHLY CONSTRUCTION UPDATE

### SOUTH YARRA NOVEMBER-DECEMBER 2019

With major works to install the new William Street bridge almost complete, the project will continue to progress the excavation of the tunnel entrance and egress shaft, as well as beginning installation of the new Lovers Walk footpath support structures.

This notification provides an overview of works that will be completed over the coming month as we prepare the network for bigger, better trains and deliver improvements for passengers across Victoria.

#### Construction snapshot

Construction works will include:

- Excavation of the tunnel entrance
- Pouring the concrete base of the new tunnel entrance
- Excavation of the egress shaft
- Utilities investigations on Osborne Street
- Overnight delivery of base slab and drainage for the egress shaft
- 24/7 rail works for foundation installation, delivery of track and cable upgrades
- Installation of concrete panels for the new Lovers Walk footpath
- Excavation and installation of propping beams.

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

## Excavation of the tunnel entrance

South Yarra Siding Reserve  
Late 2019 until early 2020



- With foundations and the roof of the tunnel now in place, excavation of the tunnel entrance is underway in South Yarra
- Soil will be removed from the tunnel entrance using a bulldozer and an excavator through an opening in the tunnel roof slab. As excavation continues a significant amount of work will begin to take place inside the tunnel below ground level
- To provide structural support as we dig to the bottom of the tunnel, concrete will be sprayed onto the interior walls of the tunnel
- Trucks will be used to remove earth from the site during this time.

## Pouring the concrete base of the new tunnel entrance

South Yarra Siding Reserve  
Late November to mid-December



- As excavation of the new tunnel entrance progresses, work will begin on the tunnel base
- We will begin pouring the concrete that will form the tunnel base progressively as we excavate each new section
- Concrete trucks and a pump will be used to pour the concrete over steel supports. This will create a strong base that will carry the new rail lines
- There will be an increase in truck movements while we complete the concrete pours.

## Excavation of egress shaft

South Yarra Siding Reserve  
Late November to early December



- Once construction is complete the egress shaft will provide essential access directly to the rail line for maintenance and work crews
- Excavation of the shaft will involve the use of a bulldozer and excavators
- There will be an increase in truck movements while we complete the excavation works.

## Osborne Street utilities investigations

Corner of Toorak Road and Osborne Street  
Monday 2 to Tuesday 3 December



- Works to identify utilities in the area are required at the corner of Toorak Road and Osborne Street
- Works will include a small amount of road sawing, an excavator and non-destructive digging (NDD)
- Pedestrian and traffic management will be in place during this time
- There will be short term closures of Osborne Street, with local access maintained.

## Overnight delivery of base slab and drainage for the egress shaft

South Yarra Siding Reserve  
Monday 2 to Thursday 4 December



- In preparation for the completed excavation of the egress shaft, the precast concrete base slab and culverts will be delivered overnight
- A culvert is a structure that allows water to flow under the new rail lines
- Due to the size of these structures, they are required to be delivered to site between 1am and 5am. Oversized trucks will travel along Chapel Street, turn into Arthur Street and then enter the site via William Street, where they will be unloaded by cranes
- The structures will be installed during normal construction hours
- These works are expected to generate medium levels of noise, with some periods of high level noise.

## 24/7 rail works for foundation installation, delivery of track and cable upgrades

Toorak Road to Hawksburn station  
Monday 2 to Friday 6 December



- 24/7 works will take place within the rail corridor between Toorak Road and Hawksburn station
- Works will involve the installation of foundations for future overhead structures, ongoing cable upgrades and service investigations
- We will also be delivering new rail track where it will be stockpiled for future use
- The use of excavators, hand tools and a NDD truck will be required during this time
- These works are expected to generate medium to high levels of noise.

## Installation of concrete panels for the new Lovers Walk footpath

South Yarra Siding Reserve  
Mid-December to January 2020



- Piles that will support the new Lovers Walk footpath were recently installed
- Precast concrete panels that will support the new footpath will be delivered to site in mid-December
- A crane will be used to install these 15-metre-long panels along Lovers Walk
- Lovers Walk will remain closed until project completion
- An information session will be held in the coming months to discuss the final design of Lovers Walk.

## Excavation and installation of propping beams

Osborne Street  
Ongoing until late December



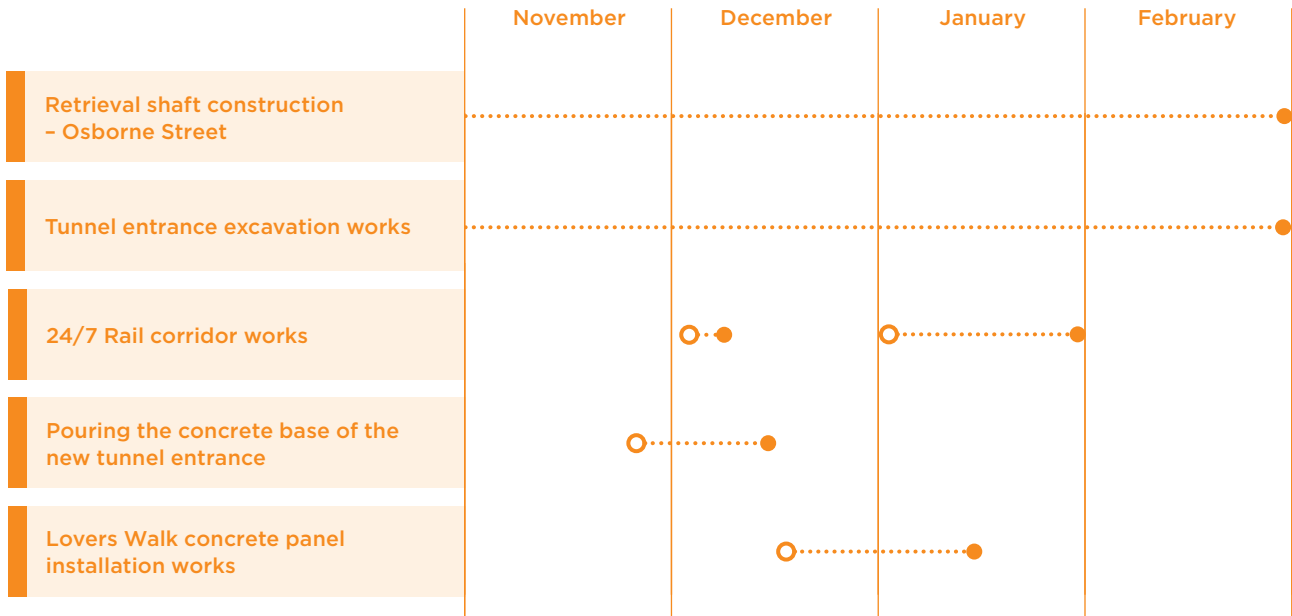
- Excavation through the void in the TBM retrieval shaft roof slab will continue in December
- Under the roof, steel propping beams will be installed as temporary supports until the excavation reaches the base level of the retrieval shaft
- Work activities under the roof will include the use of earth movers, excavators, cranes and the welding of steel beams
- The construction methodology at the Osborne Street site involved building the roof early in the program to minimise noise impacts on surrounding residents. Now that the shaft roof is complete, some activities will continue until 12am, Monday to Saturday, with the roof providing noise attenuation
- During these works, walkway lighting will remain on for the safety of workers. Where possible lighting will be pointed away from residential properties
- These works are expected to generate low to medium levels of noise.

## Traffic and transport impacts

- There will be periods of increased truck activity in Osborne Street to support ongoing excavation works
- Some oversized deliveries to site will be required before the end of the year. These will occur overnight to minimise impacts on road and tram networks. All delivery vehicles will be fitted with broadband reverse beepers to minimise the noise at night
- Utilities investigations will require day time closures of Osborne Street. Pedestrian and traffic management will be in place. Local access to Osborne Street will be maintained.



# LOOK AHEAD FOR 2019/2020



## Upcoming major works

Please be advised that the Metro Tunnel Project will be carrying out major 24/7 works throughout the month of January.

Nearby residents and businesses will be notified of the works closer to the date.

## More information

To find out more about the Metro Tunnel Project and register for future email updates:

-  [metrotunnel.vic.gov.au](http://metrotunnel.vic.gov.au)
-  1800 105 105 (24 hours a day, 7 days a week)  
Press 2 and follow the prompts
-  [facebook.com/metrotunnel](https://facebook.com/metrotunnel)
-  Subscribe to eNews or construction notification emails: [metrotunnel.vic.gov.au/subscribe](mailto:metrotunnel.vic.gov.au/subscribe)



**Interpreter Service**  
**(03) 9209 0147**

Arabic	العربية	Russian	Русский
Cantonese	廣東話	Serbian	Српски
Greek	Ελληνικά	Sinhalese	සිංහල
Italian	Italiano	Spanish	Español
Korean	한국어	Turkish	Türkçe
Macedonian	Македонски	Vietnamese	Tiếng Việt
Mandarin	普通话		

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