



MONTHLY CONSTRUCTION UPDATE

SOUTH YARRA SEPTEMBER 2019

Works to construct the Metro Tunnel's eastern entrance are continuing in South Yarra. Following the recent concrete pour of a large section of the tunnel roof slab, preparation works for the excavation of the tunnel entrance will now begin.

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:

- Concrete pour for the South Yarra Siding Reserve section of the tunnel roof slab
- Installation of ventilation fans
- Excavation of the tunnel entrance
- Overhead wiring, cable laying and trenching works
- Construction of the tunnel boring machine (TBM) retrieval shaft
- Installation of the gantry crane
- Egress shaft concrete pour.

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

Concrete pour for tunnel roof slab

South Yarra Siding Reserve
Early September



- Works to complete the concrete pour for a section of the tunnel roof slab began in early August, with two out of the three pours now complete
- The third pour will take place in early September with 520 cubic metres of concrete to be poured
- The concrete pour will take place after normal construction hours to ensure that the pour is completed in a timely fashion, ensuring structural integrity once construction is complete
- Further concrete works for the tunnel roof slab will take place in 2020
- Nearby residents will be notified once the date is confirmed.

Ventilation fan installation

South Yarra Siding Reserve
Late September – ongoing until early 2021



- To prepare the tunnel entrance for excavation works, four temporary ventilation fans will be installed within the South Yarra Siding Reserve. The fans will be used throughout the tunnel excavation works, to provide air to workers while they complete works within the tunnel shaft
- The fans will be lowered into place using cranes, and a platform will be built over the fans to keep them securely in place
- The fans are required to be turned on approximately 30 minutes before workers enter the tunnel. These fans will generate low to medium levels of noise. However, noise suppression mats will be installed to reduce the impact on residents
- The ventilation fans will be removed once construction is complete.

Tunnel entrance excavation

South Yarra Siding Reserve
Mid-September until early 2020



- With foundations now in place, excavation of the tunnel entrance will begin in South Yarra
- During excavation of the tunnel entrance, earth will be removed using a bulldozer and an excavator. As we dig to the bottom of the tunnel, concrete will be sprayed onto the interior walls of the tunnel to provide additional support
- Trucks will be used to remove earth from the site during this time.

Overhead wiring, cable laying and trenching works

Rail reserve between Toorak Road and Hawksburn station
Friday 13 September to Monday 16 September 2019



- Trenching works to install and lay new cable that will be used to power the new rail lines, will be installed while trains aren't running between Friday 13 and Monday 16 September
- These works will involve upgrading and removing redundant overhead structures, trenching and excavation to make room for the new cable route along the rail corridor and the laying of new cable
- The South Yarra Siding Reserve, Palfreyman Street and Railway Place will be used to deliver equipment and to enter and exit the rail corridor during these works
- These works are expected to generate medium to high levels of noise
- There will be train service changes during this time. Visit www.ptv.vic.gov.au for more information.

Construction of retrieval shaft

Osborne Street
Ongoing until the tunnel boring machines (TBM) arrive in South Yarra



- Works to construct the TBM retrieval shaft will continue in September
- Now that the roof of the shaft has been poured and cured, the temporary form work that acted as a mould will be removed using a gantry crane
- Steel beams will be installed at roof level as we prepare to excavate the retrieval shaft
- Excavation will begin once the gantry crane is operational.

Gantry crane installation

Osborne Street
Ongoing until late September



- Installation of the gantry crane will begin in September. These works will require an oversized overnight delivery and occupation of parking
- More information will be provided to residents closer to the date.

Egress shaft concrete pour

South Yarra Siding Reserve
Mid-September – early October



- Works involving steel fixing and a concrete pour will take place as we continue to build the rail corridor egress shaft
- To ensure structural integrity once construction is complete, the preparation work and concrete pour will take place across three days of extended work hours
- These works are expected to generate medium levels of noise with some high level noise when the concrete pump is in operation
- Some additional truck movements will be noticed as concrete is delivered to site
- Nearby residents will be notified and provided with more information once the dates are confirmed.

Traffic and transport impacts

Line marking at the intersection of Chapel and Arthur streets

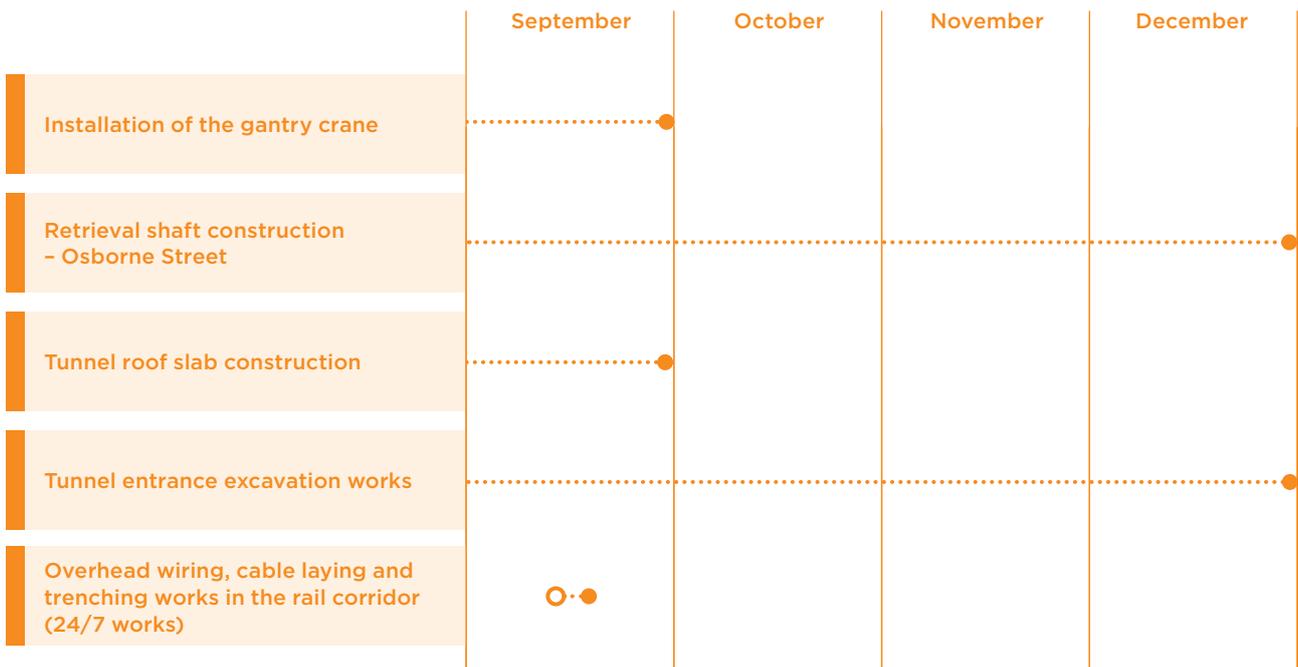
Line marking and maintenance works will take place at the intersection of Chapel and Arthur streets on Sunday 8 September between 7am and 7pm. These works will involve the re-laying of asphalt and marking traffic lanes. Access to Chapel and Arthur streets will be maintained while traffic management is in place during this time.

Overhead wiring, cable laying and trenching works

During the 24/7 works between Toorak Road and Hawksburn station, there will be traffic management changes in place at Palfreyman Street and Railway Place.



LOOK AHEAD FOR 2019



The Metro Tunnel Project continues to explore new and innovative ways to reduce the impact of construction activities on the local community. Recently we have been trialling a new type of ‘rumble grid’ near our William Street entrance which is designed to shake excess mud off vehicle tyres and help us reduce the dirt on nearby roads.

More information

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

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



Interpreter Service
(03) 9209 0147

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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 for the latest updates.