



MONTHLY CONSTRUCTION UPDATE

SOUTH YARRA OCTOBER 2019

In late September we completed a major concrete pour for the tunnel roof slab and egress shaft and we also installed the tunnel ventilation fans. With this essential infrastructure now in place, excavation of the tunnel entrance can begin in the South Yarra Siding Reserve. Works to prepare for the installation of the new William Street bridge will also begin in October and this will include multiple overnight deliveries of steel beams and large cranes into site.

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
- Cable installation and upgrades
- Overnight delivery of steel beams
- Overnight delivery and assembly of cranes
- 24/7 rail works for foundation installation and cable upgrades
- Excavation and installation of propping beams in the Osborne Street retrieval shaft.

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
Mid-September until early 2020



- With foundations and the roof of the tunnel 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 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.

Cable installation and upgrades

South Yarra Siding Reserve
Sunday 6 to Monday 14 October 2019



- Essential cables that will be used to power the new trains once the Metro Tunnel is complete will be installed within the South Yarra Siding Reserve
- To ensure the cables are laid before the new William Street bridge is installed, extended construction hours are required from 7am to 10pm Monday to Saturday
- Excavators will be used to install the trenches that will hold the new cable
- These works are expected to generate medium levels of noise with some periods of high level noise.

Overnight delivery of steel bridge beams

South Yarra Siding Reserve
Sunday 20 to Wednesday 30 October



- In preparation for the installation of the new William Street bridge, six steel bridge beams will be delivered and stored on site
- Due to the size of the steel beams, they are required to be delivered to site between 1am and 5am. Over-sized trucks will travel along Chapel Street, turn onto Arthur Street and then enter the site via William Street, where they will be unloaded by cranes
- Beams will be delivered between Sunday 20 and Wednesday 30 October 2019
- These works are expected to generate medium levels of noise, with some periods of high level noise.

Overnight delivery and assembly of cranes

South Yarra Siding Reserve
Friday 18 October to Tuesday 5 November



- To help with the installation of the new William Street bridge in mid-November, three cranes will be delivered to site and assembled. The cranes will be used to unload and install the steel bridge beams
- The cranes are over-sized and are required to be delivered to site between 1am and 5am. The trucks will travel along Chapel Street, turn onto Arthur Street and then enter the site via William Street. We expect there to be high levels of noise during this time
- Following installation of the new William Street bridge, the cranes will be demobilised and removed from site on a weekend in late November. Residents will be notified closer to the date
- William Street bridge will remain closed to the public until project completion.

24/7 rail works for foundation installation and cable upgrades

Toorak Road to Hawksburn station
Friday 25 to Monday 28 October 2019



- 24/7 works will take place within the rail corridor between Toorak Road and Hawksburn station after the last passenger service on Friday night and will be complete before the first passenger service on Monday morning
- Works will involve the installation of foundations for future overhead structures, ongoing cable upgrades and service investigations
- The use of excavators, hand tools and a non-destructive digging (NDD) truck will be required during this time
- These works are expected to generate medium levels of noise.

Excavation and installation of propping beams

Osborne Street
Ongoing until late December



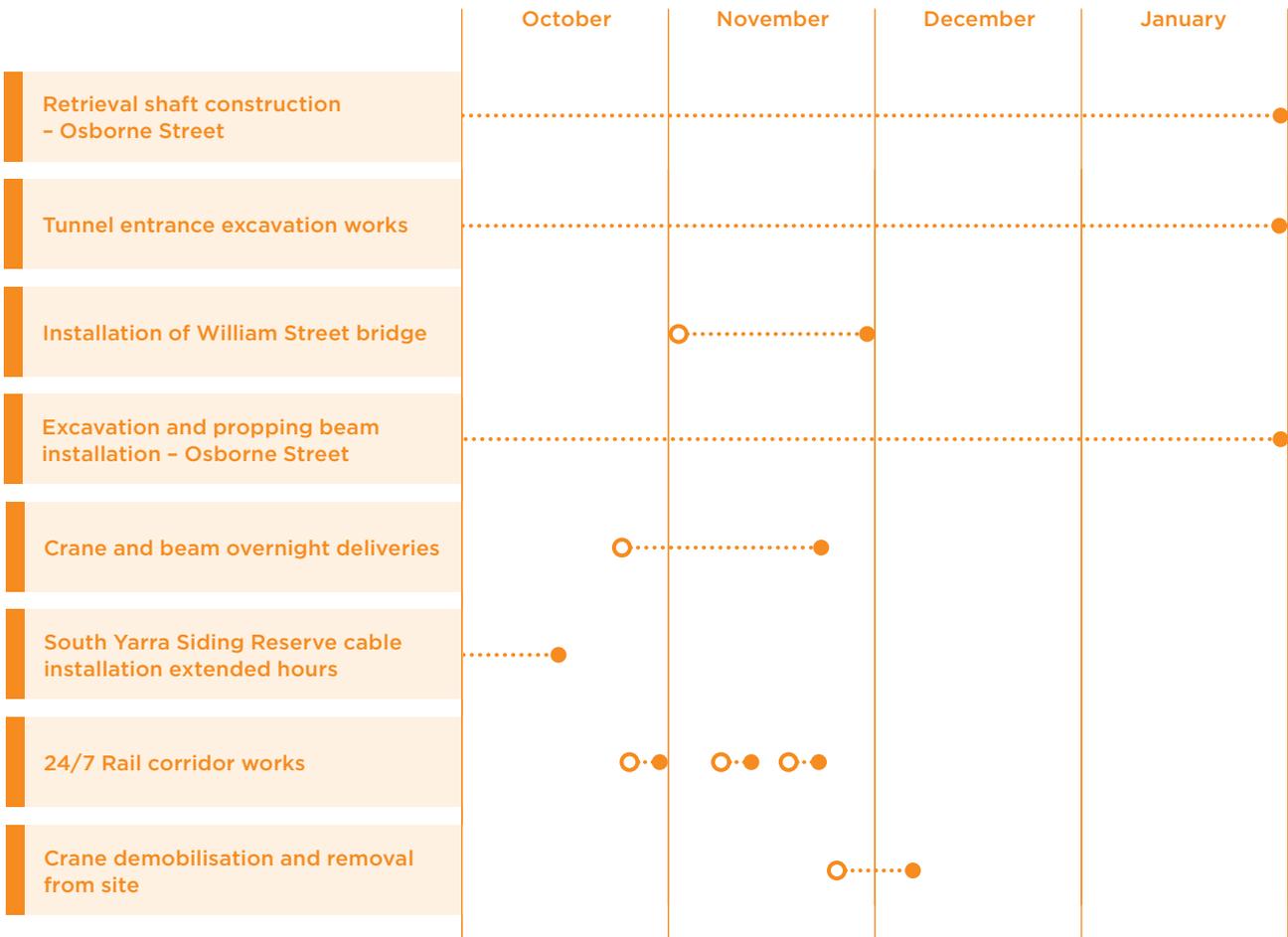
- Excavation through the void in the TBM retrieval shaft roof slab will continue in October
- Under the roof, steel propping beams will be installed as temporary support until the excavation reaches the base level of the retrieval shaft
- Work activities under the roof will include the use of earth movers, 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

- Line marking and maintenance works will take place at the intersection of Chapel and Arthur streets in late October. These works will involve the re-laying of asphalt and marking of traffic lanes. Vehicle access will be maintained during this time with traffic management in place. Residents will be notified closer to the date
- During the 24/7 works between Toorak Road and Hawksburn station, there will be traffic management in place, with some parking removal at Palfreyman Street, Hopetoun Grove, Surrey Road and Railway Place
- There will be an increase in truck movements in Arthur Street associated with the soil removal from site as part of the tunnel entrance excavation
- There will be an increase in truck movements to and from the Osborne Street site during excavation and steel propping installation
- Routine groundwater sampling will take place in three wells along Osborne Street on Friday 4 October. These works may require the temporary removal of parking for up to one hour for each well to safely facilitate these works.



LOOK AHEAD FOR 2019/2020



We're taking a break

Please be advised that the Metro Tunnel Project will take a break from construction from Saturday 2 November. Works will recommence on Thursday 7 November 2019. During the closure period, the site will be secured with regular security patrols. The project team will be on call during this time to directly respond to any issues that arise.

There may be minor works taking place during this time. Further information will be provided if works are to occur.

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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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.