MONTHLY CONSTRUCTION UPDATE

SOUTH YARRA

JULY 2019

Works to construct the Metro Tunnel’s eastern entrance continue throughout July, following the recent completion of the second stage of the roof slab. Works to provide structural support to the new tunnel entrance will continue to progress this month.

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:
• Overhead wiring, cable laying and trenching works
• Piling and pile break back for William Street bridge abutments as well as piling works for the tunnel entrance and roof slab within the South Yarra Siding Reserve
• Construction of the southern wall and northern roof of the Tunnel Boring Machine (TBM) retrieval shaft
• Preparatory works for gantry crane installation
• Installation of de-watering pumps within South Yarra Siding Reserve
• Retaining wall works within the rail corridor east of William Street continues.

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.
WORKS IN YOUR AREA

Overhead wiring, cable laying and trenching works
Rail reserve between Chapel Street and Hawksburn station
Tuesday 9 July to Saturday 13 July
• Trenching works to install and lay new cable that will be used to power the new rail lines will take place within the rail corridor.
• 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.
• Workers and equipment will use the South Yarra Siding Reserve, Palfreyman Street and Railway Place to enter and exit the rail corridor during these works.
• These works are expected to generate low to medium levels of noise.
• Buses will replace trains during this time. Visit www.ptv.vic.gov.au for more information.

Piling works
William Street bridge and South Yarra Siding Reserve
Ongoing to late July 2019
7am to 7pm, Monday to Friday
7am to 3pm, Saturday.
• Preparatory works for the new William Street bridge, which were started in June, will continue.
• Piling works will provide a foundation for the new bridge, which will be installed in late 2019.
• These works will include the use of piling rigs, excavators, concrete pumps and jackhammers, and are expected to generate low to medium levels of noise.
• Concrete pours must be continuous to ensure structural integrity. Therefore, these activities may extend out of normal construction hours. Every effort will be made to ensure that they are completed within standard work hours.
• These works are expected to generate medium levels of noise.

Gantry crane delivery and installation
Osborne Street
July to late September
• Preparatory works for the installation of a gantry crane above the retrieval shaft  on Osborne Street will begin in July.
• The gantry crane will be used to excavate the retrieval shaft and later retrieve the two tunnel boring machine cutter heads.
• In July, initial electrical works to power the crane will be undertaken. This is expected to generate a medium level of noise.
• The gantry crane is due to be delivered in late August or early September with installation to follow.

De-watering works
South Yarra Siding Reserve
Ongoing to late August 2019
• Installation of de-watering wells throughout the South Yarra Siding Reserve continues.
• Works to install the wells will involve a rig, excavators and jackhammers, and are expected to create low to medium levels of noise.
• In late August, the pumps will be connected to generators. Residents will be notified of this activity closer to the date.

Retaining wall works
Rail reserve between William and Chapel streets
Ongoing to mid-July 2019
• Retaining walls will be installed along the northern and southern edges of the Cranbourne / Pakenham and Frankston rail corridor to ensure the structural stability of the embankment beside the rail lines.
• Embankments in the rail reserve will be excavated and soil nails installed before concrete is sprayed on the area.
• These works will involve the use of excavators, soil nail rigs and concrete pumps, and are expected to generate medium levels of noise.

Winter construction blitz
Rail corridor between Southern Cross and Caulfield stations
Saturday 6 July to Sunday 14 July 2019
• Additional works to upgrade the rail network will be undertaken as part of the Winter construction blitz.
• Works will take place along the rail corridor between Southern Cross and Caulfield stations.
• Buses will replace trains on the Frankston, Pakenham and Cranbourne lines during this time and on the Sandringham lines over the weekends.
• For more information on these works please visit bigbuild.vic.gov.au or to plan your journey visit ptv.vic.gov.au.

Traffic and transport impacts
• There will be access changes on Osborne Street from Tuesday 16 July to Thursday 25 July while works are undertaken by CitiPower. Further notification will be provided to impacted residents and businesses closer to the date.

Legend
Night works
Piling works
De-watering works
William Street bridge abutment and piling works
Retrieval shaft construction site
**Progress update**

Across 18 days in May and June, 24/7 works were carried out on the Sandringham rail line. These works involved pouring concrete and installing drainage for the new roof slab and were required to take place while trains weren’t running.

We successfully completed all works as planned. Below is an outline of some of the work that we achieved:

- 520 cubic metres of concrete poured for the tunnel roof slab
- 162 tonnes of steel reinforcement installed
- A 60-metre-long drainpipe within the roof slab installed
- Two kilometres of conduit installed from South Yarra Siding Reserve to Windsor station.

**LOOK AHEAD FOR 2019**

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**More information**

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

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

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