



# MONTHLY CONSTRUCTION UPDATE

## SOUTH YARRA

### MAY 2019

During May, major infrastructure upgrades continue for the Metro Tunnel as we prepare our network for bigger, better trains and deliver improvements for passengers across Victoria. These upgrades will include 24/7 works in the Sandringham rail corridor from 9pm, Tuesday, 21 May to 6am, Sunday, 9 June. Included with this monthly update is a 24/7 works guide, which provides a more detailed summary of the nature and timing of these activities.

#### Construction snapshot

Construction works will include:

- Extensive 24/7 works in the Sandringham rail corridor - please see the included 24/7 works guide for more information
- Breaking back piles around the site of the tunnel boring machine (TBM) retrieval shaft near Osborne Street
- Piling works, including breaking back piles and installing a capping beam, between William and Chambers streets
- Installing a concrete pad at the northern edge of the Osborne Street site
- Building the second stage of the roof slab and installing piles to support construction of the tunnel entrance in the South Yarra Siding Reserve
- Building a pile retaining wall on the eastern edge of the Sandringham rail corridor, beside Osborne Street.
- Constructing retaining walls on the southern and northern edges of the Cranbourne / Pakenham and Frankston rail corridor east of William Street

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

### Piling works

Osborne Street,  
May 2019



- Existing piles will be broken back (see terms explained on the last page) to expose the structural tie-in points for the future roof
- These works are expected to generate medium to high levels of noise, medium levels of vibration and some dust.

### Rail reserve between William and Chambers streets

Ongoing to mid-July 2019



- Piling will be undertaken to construct the northern retaining wall within the Cranbourne / Pakenham and Frankston rail reserve between William and Chambers streets
- Once poured and set, each pile will be broken back (see terms explained on the last page) and a capping beam installed to prevent the piles from moving
- These works are expected to generate medium to high levels of noise, medium levels of vibration, and some dust, especially during the process of breaking back each pile.

### Rail reserve beside William Street

Ongoing to end May 2019



- Piling will be undertaken on the south-western side of the demolished William Street bridge in the South Yarra Siding Reserve to support the future construction of a new bridge
- Once poured and set, each pile will be broken back (see terms explained on the last page)
- These works are expected to generate medium to high levels of noise, medium levels of vibration, and some dust, especially during the process of breaking back each pile.

### Line marking works

Osborne Street

Sunday 5 May, 9pm-5am



- Line marking will be carried out overnight on Osborne Street at the Toorak Road end
- These works will take less than one hour and local access will be maintained
- The works are expected to generate a low level of noise.

### Concrete pad installation

Osborne Street  
May 2019



- A small temporary concrete pad will be installed at the northern end of the worksite beside Osborne Street, to hold the temporary electrical cabinet that will power the gantry crane for the retrieval of the tunnel boring machine later this year
- These works will involve concrete pumps and hand tools, and are expected to generate low to medium levels of noise.

### Roof slab construction

South Yarra Siding Reserve

Ongoing to mid-June 2019



- Preparatory works for the future tunnel entrance, which were started during the April 24/7 works, will continue
- This work will involve the installing piles to support the descent structure, and constructing a roof slab so that the entrance of the tunnel can be excavated underneath it
- These works will include the use of piling rigs, excavators, concrete pumps and hand tools, and are expected to generate low to medium levels of noise.

### Retaining wall works

Osborne Street

7am to 10pm, Monday to Friday

7am to 6pm, Saturdays

Ongoing to June 2019



- The permanent structural wall is the next phase of constructing the tunnel boring machine (TBM) retrieval shaft, which involves structural welding, formwork, steel fixing and constructing temporary propping for the wall
- During normal construction hours these works will involve the use of welders, concrete pumps and hand tools, and are expected to generate medium to high levels of noise
- Works outside normal construction hours will be down in the rail reserve and will include the use of hand tools and steel fixing
- Works outside of normal construction hours are expected to generate a low level of noise.
- Concrete pours must be continuous and these activities occasionally may also need to extend beyond normal construction hours.

### 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.

### High Capacity Metro Trains project

Cranbourne / Pakenham rail corridor  
9pm, Friday 3 May to 4am, Monday 6 May

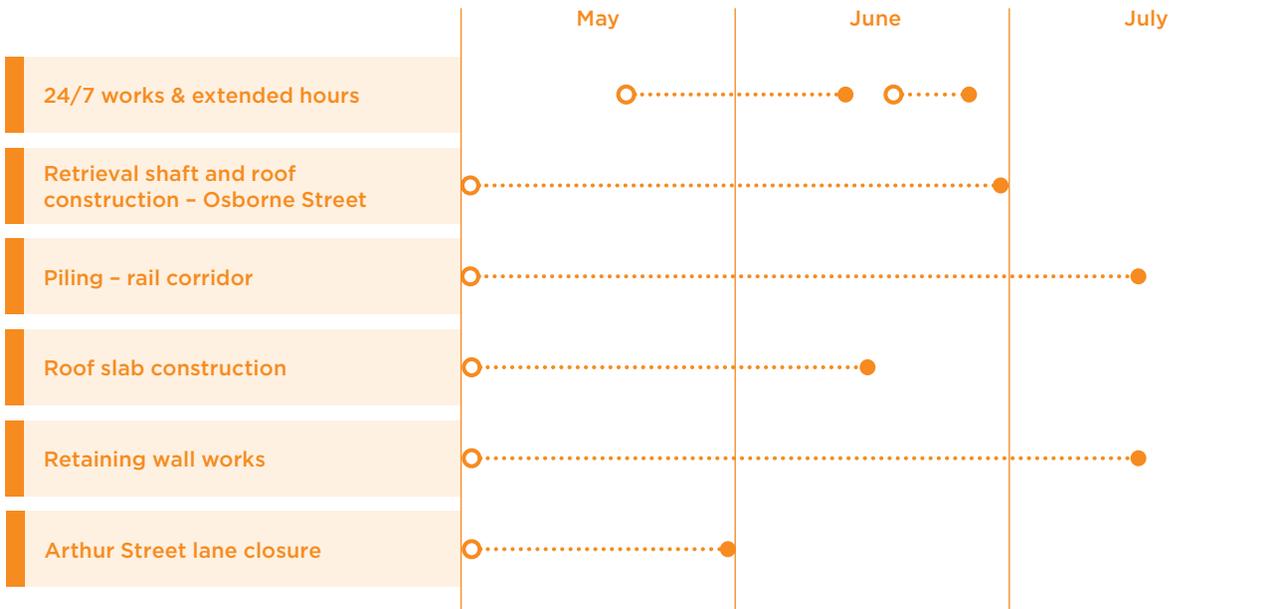
9pm, Friday 17 May to 4am, Monday 20 May



- The High Capacity Metro Trains project will be undertaking 24/7 works on two weekends in May
- Signalling, cabling and overhead wiring works will be completed using elevated work platforms and hand tools
- These works are expected to generate low levels of noise, with occasional periods of medium noise
- For more information on these works please visit [transport.vic.gov.au/our-transport-future/our-projects/high-capacity-metro-trains](http://transport.vic.gov.au/our-transport-future/our-projects/high-capacity-metro-trains)



# LOOK AHEAD FOR 2019



## Traffic and transport impacts

### Traffic impacts

- Arthur Street will be reduced to a single lane intermittently until the end of May 2019. Traffic controllers will manage all vehicles under shuttle flow conditions during this time
- Works in May will generate an increase in the number of truck movements around South Yarra, as materials and supplies are delivered, and excavated dirt and demolition debris is removed from site.

### Transport impacts

- Buses will replace trains on the Sandringham line between the City and Sandringham from 8.30pm Tuesday 21 May until the last service on Sunday 9 June.
- For journey planning, service information and up-to-date timetable information, visit [ptv.vic.gov.au](http://ptv.vic.gov.au) or call 1800 800 007.

## Terms explained

### Breaking back piles

Existing piles will be broken back' (levelled off) using a jackhammer and excavator to expose the structural tie-in points for the future roof

### Chapel Champions

The Metro Tunnel project is proud to support the upcoming Chapel Street Precinct CHAPEL CHAMPIONS campaign.

We encourage everyone to get behind these awards by going to [chapelstreet.com.au](http://chapelstreet.com.au) and nominating a favourite business or hidden gem in one of the 15 prestigious categories covering this iconic area.

Nominations open 10 am on Monday 29 April 2019

## 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)



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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](http://metrotunnel.vic.gov.au) for the latest updates.