



## MONTHLY CONSTRUCTION UPDATE

### KENSINGTON

#### MARCH 2020

Major construction is continuing in Kensington at the site of the future Metro Tunnel western tunnel entrance. This update provides an outline of current and upcoming works in your area throughout March.

#### Construction snapshot

Works to construct the tunnel boring machine (TBM) retrieval shaft are now complete. During February, the project's first TBM completed tunnelling from North Melbourne to Kensington, successfully breaking through into the retrieval shaft. The second TBM is expected to reach the retrieval shaft in March.

In March, works within the Kensington precinct will include:

- Tunnelling, including breakthrough and retrieval activities
- Temporary propping installation
- Tunnel entrance excavation and base slab construction
- Tunnel cross passage ground improvement site reinstatement works
- D-wall construction
- Capping beam works
- Rail corridor works
- Installation of monitoring instrumentation and survey activities.

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.



#### 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

## Tunnelling

From North Melbourne towards Kensington   
Ongoing until March 2020

- The project's second TBM continues tunnelling from the site of the new Arden Station towards Kensington and is expected to arrive at the TBM retrieval shaft in March. Please see the enclosed TBM breakthrough and retrieval notification for further information
- On average, the TBM moves around 10 metres every 24 hours
- Properties located near tunnelling will be contacted with further information prior to tunnelling occurring in their area
- Property condition surveys have been completed for eligible properties based on an environmental assessment.

## Tunnel entrance excavation and base slab construction

Childers Street   
Ongoing to late-2020

- Tunnel entrance excavation has commenced and will continue throughout 2020. See the map overleaf for the location of the stage one works area.
- Earthworks will continue, including use of excavators to remove material and a vibrating roller placing crushed rock to construct new access ramps and a stable working platform within the tunnel entrance
- The working platform allows work to commence on building the tunnel entrance concrete base slab in late March
- During excavation works in March and April, 13 temporary steel support props will be installed, using a small crane to lift them into place. Once the props are installed, tunnel entrance excavation will take place in between each prop
- Steel props are fixed in place with power tools and a hydraulic pump. The hydraulic pump assists with expanding the prop size so that it provides the correct support
- Constructing the base slab involves installing drainage pipes and pits, installing waterproofing material, placing steel and pouring concrete
- During excavation of the tunnel entrance, material will be removed using excavators located at the top of, and within the tunnel entrance
- These works are expected to generate low to medium levels of noise
- These works will involve increased truck movements along Childers Street, Hobsons Road and Kensington Road.

## Diaphragm-wall construction

Childers Street and Hobsons Road   
7am to 11pm Monday to Saturday  
Ongoing until April 2020


- Diaphragm-walls (D-walls) will be constructed opposite the South Kensington station platforms (see map overleaf for location of works). Extended working hours will be in place until April 2020, with all remaining D-wall panels due to be complete by mid-2020.
- More information on D-wall works can be found at [metrotunnel.vic.gov.au/construction/kensington](http://metrotunnel.vic.gov.au/construction/kensington).

## Capping beam works

Childers Street   
7am to 11pm, Monday to Saturday  
Ongoing to mid-2020


- Once D-wall sections are complete, works will commence to break back (level off) D-walls and remove guide walls using a jackhammer, saw cutter and excavator. A capping beam will then be installed to tie D-wall panels together
- These works will be undertaken in stages of up to three weeks once D-wall sections are installed
- Break back works are expected to generate periods of high-level noise and will be undertaken during normal working hours. Capping beam works are expected to generate low levels of noise to nearby residents.

## Rail corridor maintenance works

Childers Street   
12am to 4am, Monday and Thursdays  
Ongoing to mid-2020

- While excavation activities occur, occasional overnight works may be required within the rail corridor to undertake track maintenance works to ensure trains can continue to operate safely on the network
- Works will involve readjusting sleepers, crushed rock and tracks with hand tools and if required a small excavator
- Works may be required for up to four nights per month, however it is unlikely that all Monday and Thursday shifts will be required
- Maintenance works may generate low to medium levels of noise.

## Rail corridor works

Lloyd Street to Maribyrnong River   
9pm, Friday 6 March to  
5am, Monday 9 March 2020

- Installing train signaling cable boxes underneath South Kensington station platform
- Installing new signaling pipes underneath rail tracks between Kensington Road bridge and the Maribyrnong River, which involves excavators digging a trench, installing new pipes, and reinstating the existing track
- Using a non-destructive digging (NDD) truck to install new overhead structure foundations adjacent to Maribyrnong River towards Footscray
- These works will take place 24/7 and generate medium levels of noise and high levels of noise while the NDD truck is operating.

## Tunnel cross passage reinstatement works

Lloyd Street   
Ongoing until March 2020

- Overnight closures of Lloyd Street will be required during reinstatement works in March
- Access to and from the Lloyd Street Business Estate will be maintained at all times
- Further notification will be provided once closure dates are confirmed.

## Relocation of power pole support cable

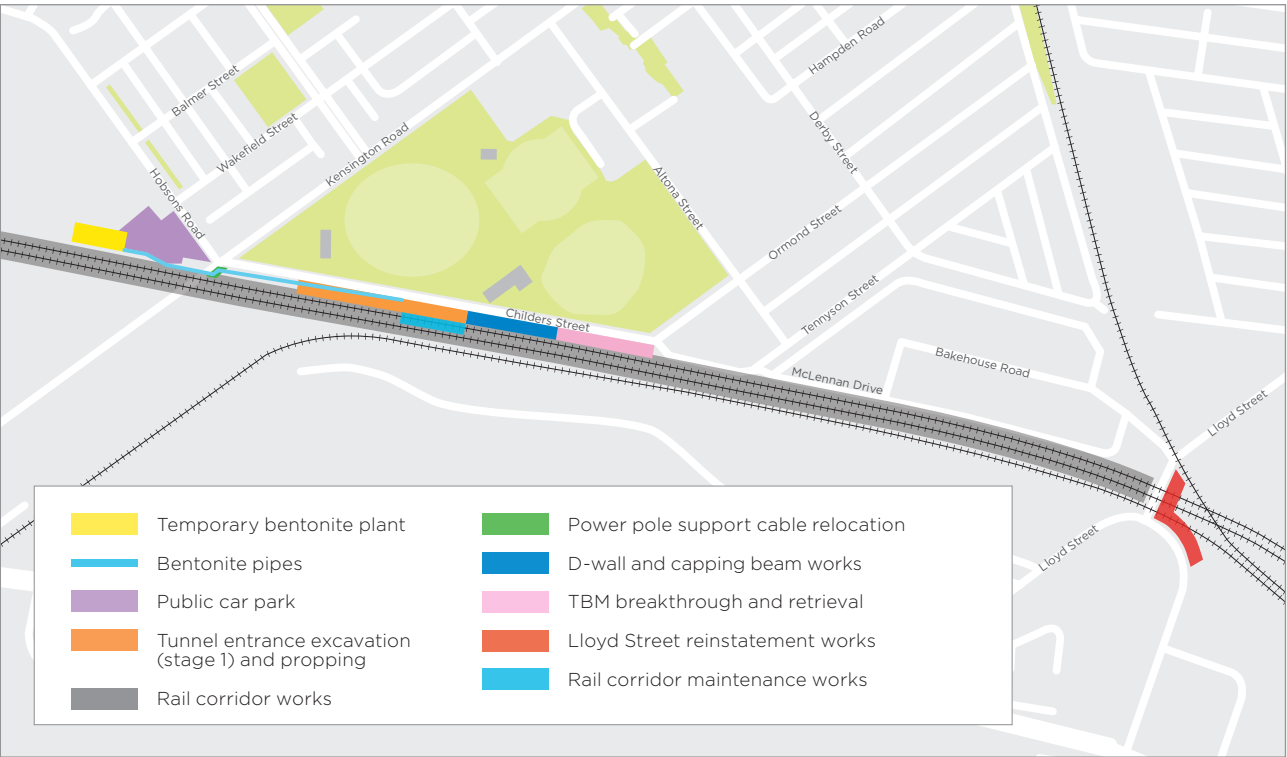
Kensington Road   
7am to 6pm, Monday to Saturday,  
Early to mid March 2020

- A small cable which supports a power pole on the corner of Kensington Road and Childers Street requires replacing to allow Metro Tunnel works in this area later in the year
- This will involve temporarily removing concrete barriers, removing the existing cable and realigning a new support cable
- These works will take up to two weeks and will be undertaken by Jemena who manage the electricity network in the area
- Traffic management including lane closures and minor footpath detours will be required on Kensington Road for these works
- For any further information on these works, please contact Jemena on **1300 131 871** or [jemena.com.au/contact-us](http://jemena.com.au/contact-us).

## Travel changes

To ensure the 24-hour works can take place safely, buses will replace trains on sections of the Sunbury Line from 8.30pm Friday 6 March to the last service on Sunday 8 March.

For journey planning and service information please visit [ptv.vic.gov.au](http://ptv.vic.gov.au) or call **1800 800 007**.



## Traffic and transport impacts

### TBM part transportation

- Oversized TBM parts will be transported back to the site of the new Arden Station at night, subject to permits. See the enclosed TBM breakthrough and retrieval notification for further information.

### Parking

- A free public car park is available on the corner of Kensington Road and Hobsons Road. Please use this car park.

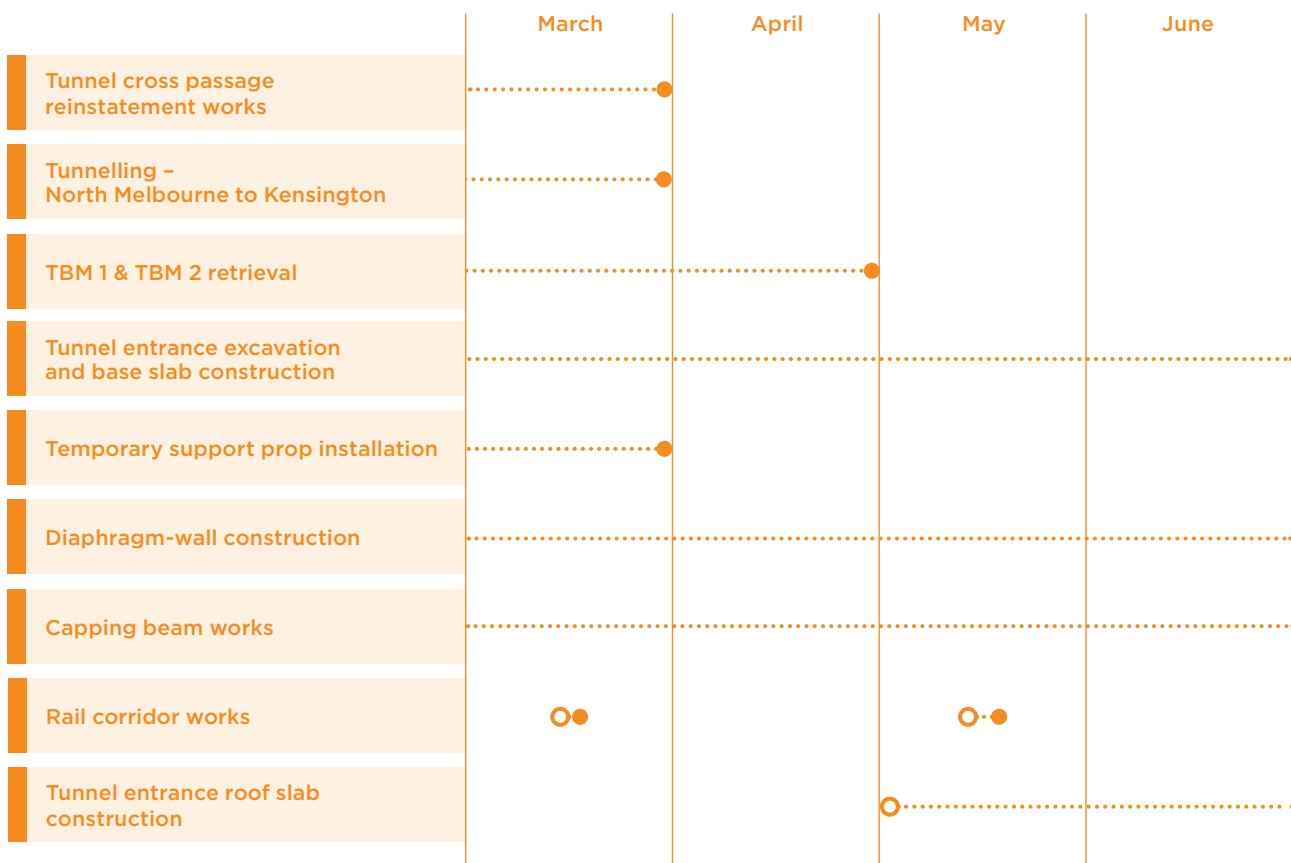
### Cyclist detour

- While Childers Street is closed to all traffic, a cyclist detour is in place via Kensington Road and Altona Street.

### Childers Street

- Childers Street is closed to all traffic until September 2020
- Over-height vehicles accessing the Lloyd Street Business Estate and Childers Street residents are required to detour via Kensington Road, Derby Street and Tennyson Street during this time
- Traffic controllers are in place on Kensington Road and Childers Street to assist trucks reversing into site
- Traffic management will be in place from 7am to 11pm, Monday to Saturday until April 2020.


## LOOK AHEAD FOR 2020



### More information

To find out more about the Metro Tunnel Project:

 [metrotunnel.vic.gov.au](https://www.metrotunnel.vic.gov.au)

 1800 105 105 (24 hours a day, 7 days a week)

Rail Projects Victoria  
PO Box 4509, Melbourne, VIC 3001



Interpreter Service (03) 9209 0147

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