

# Monthly construction update

## Kensington

November 2020

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

### Construction snapshot

In November, works within the Kensington precinct will include:

- Egress building construction
- Tunnel entrance construction
- Tunnel entrance ground improvement works
- Rail corridor works
- Drainage works
- Signalling and communication equipment room (SER/CER) construction
- Compensatory flood storage soil nail wall construction
- Cross passage construction
- Service investigation works
- Ongoing survey and monitoring activities.

Further information on these works can be found overleaf or at [metrotunnel.vic.gov.au](https://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 is outlined in the construction information overleaf.

### Health and safety

Metro Tunnel works are progressing safely under the current Third Step restrictions in metropolitan Melbourne.

You may notice an increase of workers on Victoria's Big Build projects as restrictions on construction sites start to ease. Large-scale public infrastructure projects are critical and strict COVIDsafe Plans are in place on all project sites across Victoria.

The health and safety of our workforce and community remains our top priority.

Workers on all of Victoria's Big Build sites are required to wear face masks unless they meet any of the criteria for exception – such as a medical condition for Occupational Health and Safety guidelines. Physical distancing measures are in place as well as increased hygiene practices.

For more information and advice about the coronavirus (COVID-19), please visit [coronavirus.vic.gov.au](https://coronavirus.vic.gov.au).

# Works in your area

## Egress building construction

### Childers Street

24 hours, from Friday 6 to Monday 17 November  
7am to 6pm, Monday to Friday, and 7am to 1pm,  
Saturdays from 17 November



- Installing waterproofing membrane, formwork and reinforcement using a crane and hand tools
- Pouring concrete to create the above ground walls of the structure
- Removing formwork using a crane and hand tools
- Some oversized deliveries may occur at night, subject to permit conditions.

## Utility investigation works

### Childers and Tennyson streets

Ongoing to mid-December 2020



- Service investigations will be undertaken in Childers Street. Dewatering pumps will be required to operate at times while there are no works occurring
- This involves scanning, cutting through the road and footpath surface, using non-destructive digging trucks to locate underground surfaces and then reinstating the road and footpath surface
- These activities are expected to generate periods of medium to loud noise
- These works may include intermittent impacts to traffic, footpaths and on-street parking adjacent to the work area. See the ‘traffic and transport impacts’ section for further information.

## Cross passage construction

### From the Arden Station site to Kensington

Ongoing until early-2021



- Installing waterproofing membrane and lining the cross passage tunnels using steel reinforcement and concrete
- All works will be completed from within the completed section of tunnels and are not expected to be audible at surface level
- Further information about cross passages can be found at [metrotunnel.vic.gov.au](http://metrotunnel.vic.gov.au).

## Tunnel entrance construction

### Childers Street

Ongoing to early-2021  
No work on Saturday nights or Sundays



- Major excavation works are now complete
- Upcoming works include constructing the tunnel entrance ground slab, drainage system and internal structural walls underneath the tunnel entrance roof slab
- Using an excavator and crane to lift materials and concrete panels into the tunnel entrance, installing drainage pipes and pits, installing water-proofing material, placing steel reinforcement and timber formwork, and pouring concrete

- Establishing a dewatering system to remove and recharge water. Dewatering pumps will be required to operate at times while there are no works occurring
- Three large concrete pours are planned for the tunnel entrance this month. The concrete pours will commence at 6am due to the size of the pour, and will require four to five concrete trucks per hour
- The turnaround area adjacent to South Kensington station will not be used after 6pm
- There will be periods of concrete breakback using a jackhammer and saw cutter (7am to 6pm only)
- Tunnel entrance construction works are expected to generate low levels of noise after 6pm
- The use of lighting towers will be minimised by using wired lighting and green powered generators. Generators will be surrounded by noise blankets to reduce noise emissions.

## Tunnel entrance ground improvement works

### Childers Street

Mid-November to late-December 2020  
No work on Saturday nights or Sundays



- Jet grouting works are required within the tunnel entrance to improve the condition of the ground. This involves:
- Delivery and setup of equipment and materials at the tunnel entrance roof slab, including water tanks and containers
  - Using a drill rig to drill holes underground
  - Pumping grout from a batching plant within the worksite into the drilled holes
  - Pumping out the excavated material and removing it from site
  - Trucks entering and exiting the tunnel entrance site to remove excavated material and deliver grout and other materials to site
  - Jet grouting works are expected to take up to three weeks commencing in late November
  - Tunnel entrance ground improvement works are expected to generate medium levels of noise during normal construction hours, and low levels of noise after 6pm.

## Rail corridor works

### Within the rail corridor, between South Kensington station and Maribyrnong River

6pm, Friday 6 November  
to 5am, Tuesday 17 November\*



- Installing service pipes and pits within the rail corridor
- Installing foundations for the Signalling Equipment Room (SER) and Communications Equipment Room (CER)
- Soil nail works for the compensatory flood storage wall
- Fencing works, maintenance and inspections, involving the use of an excavator and jackhammer

- Rail corridor works involving the use of rail mounted cranes, excavators, trucks and non-destructive digging trucks to install new signalling equipment between the Maribyrnong River and Kensington Road bridge
- Maintenance works to inspect equipment along the rail corridor using handheld tools
- Rail corridor works will generate low to medium levels of noise.

\*A previous notification was issued with the incorrect date. Works will continue until 5am Tuesday 17 November, not Monday 16 November.

## Rail corridor maintenance works

### Within the rail corridor, between South Kensington station and Maribyrnong River

12am to 4am, Mondays and Thursdays  
Ongoing to late-2020



- While tunnel entrance construction activities occur, occasional overnight track maintenance works may be required within the rail corridor to ensure trains can continue to operate safely on the network. This activity has been revised to continue to late 2020 while work takes place adjacent to the rail corridor
- Works will involve inspecting equipment and 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.

## Signalling and communication equipment room (SER/CER) construction

### Hobsons Road and Childers Street

Ongoing to Mid-2021



- Work to construct the SER/CER adjacent to the rail corridor is continuing
- These works will include constructing pile caps, which involves excavation works, placing steel reinforcement, timber formwork, and pouring concrete
- Constructing a small retaining wall along the rail corridor embankment on Childers Street prior to underground bore works which are expected to occur in early 2021
- Constructing concrete pits and installing service pipes at the Childers Street and Hobsons Road work sites
- These works are expected to generate low to medium levels of noise.

## Compensatory flood storage soil nail wall construction

### Hobsons Road site

6pm, Friday 6 November  
to 5am, Tuesday 17 November



- Using a soil nail machine to drill and install steel bars into the embankment

- These works will involve excavation along the rail corridor embankment between Hobsons Road and the Maribyrnong River
- Spraying concrete onto the embankment surface
- The first stage of soil nail works must be completed while trains are not running to ensure work can be undertaken safely
- The soil nailing works will generate periods of high levels of noise. Grouting and concreting works will generate medium levels of noise.

## Traffic and transport impacts

### Utility investigation works

- Utility investigations will involve the short-term intermittent closure of Childers and Tennyson streets down to one lane in the areas shown on the map. Traffic will be maintained in both directions via a shuttle flow arrangement
- Some on-street parking spaces on Childers Street may be temporarily impacted
- Sections of footpath adjacent to the works area may be temporarily closed, with local pedestrian diversions in place
- Signage and traffic controllers will be in place to direct vehicles, cyclists and pedestrians around the work area
- Over-height vehicle access to the Lloyd Street Business Estate will be maintained at all times.

### Childers Street closure extension

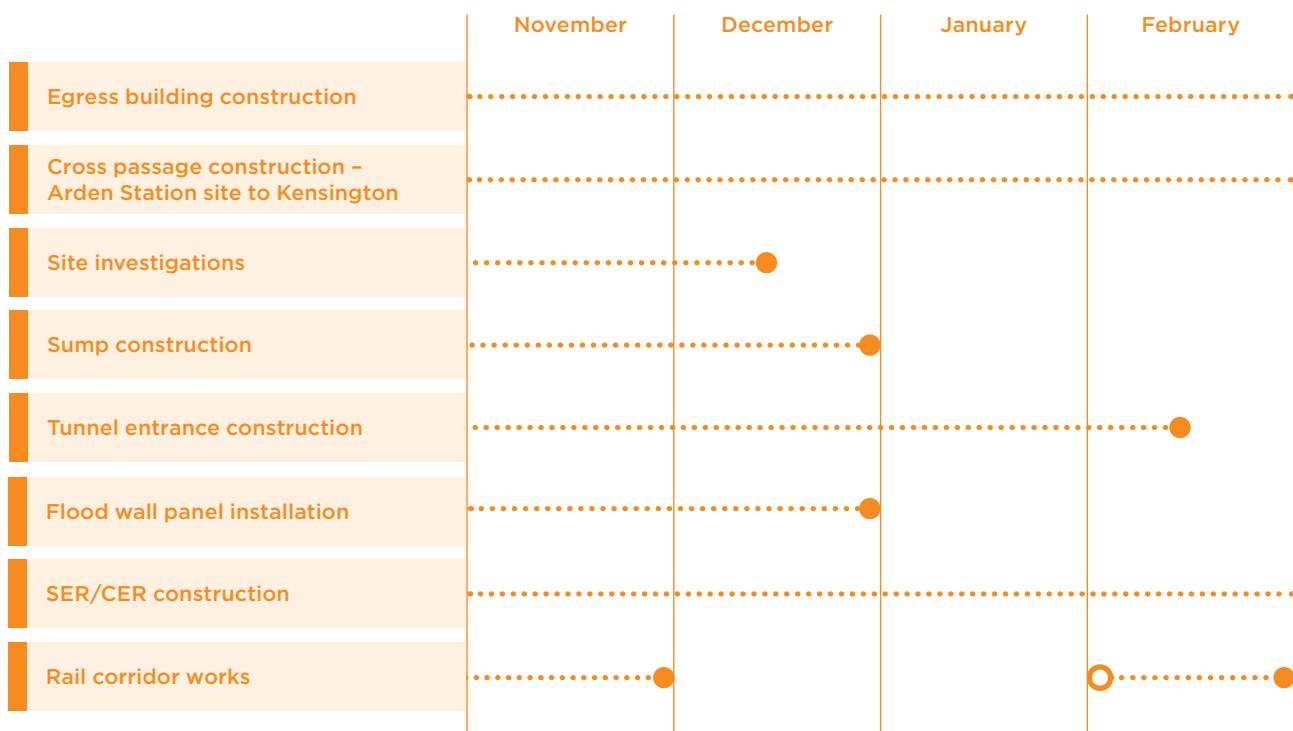
- Childers Street is currently closed to all traffic until mid-November 2020
- Currently, over-height vehicles accessing the Lloyd Street Business Estate and Childers and Tennyson street residents (south of the truncation) are required to detour via Kensington Road, Derby Street and Tennyson Street
- To safely complete upcoming works in Kensington, an extension to the current closure is proposed until September 2021
- A decision on the proposal is expected in mid-November. Please visit [metrotunnel.vic.gov.au](http://metrotunnel.vic.gov.au) for further information.

### Hobsons Road car park closure

- A partial closure of the Hobsons Road car park is in place to undertake SER/CER construction safely
- 25 car parking spaces will remain open for public use in November
- From late-2020, a full closure of the car park is required
- Further information will be provided about alternative parking.



## Look ahead for 2020/2021



### More information

To find out more about the Metro Tunnel Project:

[metrotunnel.vic.gov.au](http://metrotunnel.vic.gov.au)

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

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