

Monthly construction update

Kensington

October 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 October.

Construction snapshot

In October, works within the Kensington precinct will include

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

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.



Out of hours

Some works are required to take place out of normal construction hours.



24 hours

24 hour works are sometimes required during peak construction activities.

Changes to normal construction hours

Due to COVID-19 we are ensuring social distancing on site. The project will now be running two pre-start meetings with our workforce.

Pre-starts will run between 6am and 7am.
Additional movements on site may be noticed.

Works in your area

Egress building construction

Childers Street

7am to 10pm, Monday to Friday

7am to 6pm, Saturdays

From early October until early November



- Installing waterproofing membrane, formwork and reinforcement using a crane and hand tools
- Pouring and spraying concrete to create the roof slab and above-ground walls of the structure
- Removing struts using a crane and hand tools
- Some oversized deliveries may occur at night, subject to permit conditions
- These activities will be undertaken until 10pm, Monday to Friday, and 6pm, Saturdays from early October. Every effort will be made to minimise noise outside of regular construction hours, and complete noisy activities during the day.

Utility investigation works

Childers and Tennyson streets

October to late-November



- Service investigations will be undertaken in Childers Street, between Ormond and Tennyson streets, and in Tennyson Street, between Childers and Altona streets
- This involves cutting through the road and footpath surface and 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
- Investigation works will be undertaken within small work areas, moving progressively through the area shown on the map (overleaf)
- 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
- Over-height vehicle access to and from the Lloyd Street Business Estate will be maintained at all times.

Lloyd Street reinstatement works

Lloyd Street

Ongoing until late-October 2020



- Reinstating signage, asphalt and line marking
- Access to and from the Lloyd Street Business Estate will be maintained at all times
- Intermittent overnight closures of Lloyd Street may be required. Further notification will be provided once closure dates are confirmed.

Cross passage construction

From the Arden Station site to Kensington

Ongoing until early-2021



- Installing waterproofing membrane and lining within the cross passage tunnels using steel reinforcement and concrete
- Each cross passage is expected to take approximately six months to construct. Works will occur concurrently at different cross passage sites
- 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.

Tunnel entrance construction

Childers Street

7am to 10pm, Monday to Saturday

ongoing to late-October 2020

6pm, Friday 2 October to 4am,

Monday 5 October

6pm, Friday 9 October to 4am,

Monday 12 October



- Work to construct the western tunnel entrance is continuing. This involves excavating the tunnel entrance, and constructing the tunnel entrance ground slab, drainage system and internal structural walls underneath the tunnel entrance roof slab
- Excavation works will involve approximately six trucks per hour travelling along Childers Street, Hobsons Road and south along Kensington Road
- Tunnel entrance excavation will continue, with use of excavators and trucks to remove material
- The turnaround area adjacent to South Kensington station will not be used after 6pm for these works
- Constructing the tunnel entrance ground slab and internal walls will involve using a small crane to lift materials into the tunnel entrance, installing drainage pipes, pits, and tanks, installing water-proofing material, placing steel reinforcement and timber formwork, and pouring concrete
- Up to three large concrete pours are expected to occur 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
- There will be periods of concrete breakback during tunnel entrance construction, using a jackhammer, saw cutter and excavator (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, which requires one generator. The generator will be surrounded by noise blankets to reduce noise emissions
- Further information on tunnel entrance construction works beyond October will be provided in the coming weeks.

Rail corridor works

Within the rail corridor, between Kensington Road bridge and Maribyrnong River

6pm, Friday 2 October to 4am, Monday 5 October



- Rail corridor works will involve the use of rail mounted cranes, excavators, trucks and non-destructive digging trucks to install new signalling equipment adjacent to Maribyrnong River
- Rail corridor works are expected to generate low levels of noise.

Rail corridor works

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

6pm, Friday 9 October to 4am, Monday 12 October



- Rail corridor works will involve 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
- The use of a tamping machine between South Kensington station and the Maribyrnong River. The tamping machine will arrive in South Kensington on Friday evening, and will commence tamping works during the day on Sunday 11 October
- Tamping works will generate medium to high levels of noise. Other rail corridor works will generate low levels of noise.

Drainage works

Childers Street

Ongoing until 2021



- Drainage pipes and pits will be installed along Childers Street in stages until 2021
- Work in October will involve using an excavator to dig a shallow trench, installing steel, timber formwork and concrete pipes, and concreting works
- These works will generate low to medium levels of noise
- There may be short periods of low-level vibration, while a handheld vibratory machine compacts crushed rock.

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, 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) piling

Hobsons Road

Monday 5 October to late-2020



- Work to construct a signalling equipment room (SER) and communications equipment room (CER) adjacent to the rail corridor will commence in early October
- These works will include driven piling to construct the foundations for the new buildings
- There will be increased truck movements on Hobsons Road during the delivery of concrete piles
- Piling works are expected to take three to four weeks to complete
- Once the driven piles are installed, piles will be ‘broken back’ (levelled off) using a jackhammer, saw cutter and small crane
- These works are expected to generate medium to high levels of noise and low levels of vibration.

Compensatory flood storage soil nail wall construction

Hobsons Road site

6pm, Friday 2 October to 4am, Monday 5 October

7am to 6pm, Monday 5 October to Friday 9 October

6pm, Friday 9 October, to 4am, Monday 12 October

7am to 6pm, Monday 12 October to late-2020

(no work on Saturday evenings and Sundays)



- The western tunnel entrance is located within the Maribyrnong flood plain. To offset a loss in flood plain storage from the construction of the decline structure, an area of the existing rail embankment will be reshaped to a vertical retaining wall to provide flood storage during a 1 in 100 year flood event
- These works will involve excavation along the rail corridor embankment between Hobsons Road and the Maribyrnong River
- Using a soil nail machine to drill and install steel bars into the embankment
- 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
- **Some works may be required overnight in November. Further information will be provided to residents in advance of these works.**



Traffic and transport impacts

Childers Street closure extension

- Childers Street is currently closed to all traffic until mid-November 2020
- Currently, Childers Street residents and over-height vehicles accessing the Lloyd Street Business Estate 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
- The community is invited to provide feedback on this proposal via an online survey, open now until 5pm, Sunday 4 October 2020
- Please visit metrotunnel.vic.gov.au for further information.

Derby Street and Tennyson Street temporary construction access

- Works requiring the use of Derby Street and Tennyson Street for construction access are now complete
- We thank you for your understanding during this time.

Childers Street traffic management

- Traffic controllers are in place on Kensington Road and Childers Street to assist trucks reversing into site

- Traffic management will be in place during construction activities.

Hobsons Road car park closure

- A partial closure of the Hobsons Road car park is in place to undertake piling works safely
- 25 car parking spaces will remain open for public use in September and October
- From November, a full closure of the car park is required
- Further information will be provided about alternative parking.

Utility investigation works

- Utility investigations will involve the short-term 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 and Tennyson streets may be temporarily impacted
- Sections of footpath adjacent to 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 and from the Lloyd Street Business Estate will be maintained at all times.

Look ahead for 2020/2021

	October	November	December	January
Egress building construction				
Lloyd Street reinstatement works				
Cross passage construction – Arden Station site to Kensington				
Site investigations				
Sump construction				
Tunnel entrance internal wall construction				
Flood wall panel installation				
Childers Street drainage works				
SER/CER construction				
Rail corridor works				

Health and safety

Metro Tunnel Project works are progressing safely under the current Second 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**.

Keeping you informed

To help support the Victorian Government's Second Step coronavirus restrictions, we've temporarily changed the way we'll notify you about upcoming works, to make sure people still know what's happening in their area.

Please sign up to our email updates via Metro Tunnel Project website (**metrotunnel.vic.gov.au**) so we can continue to keep you informed about works in your area.

More information

To find out more about the Metro Tunnel Project:

 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** for the latest updates.