



MONTHLY CONSTRUCTION UPDATE

KENSINGTON JULY 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 July.

Construction snapshot

Excavation and ground slab works are continuing to progress into the western tunnel entrance.

In July, works within the Kensington precinct will include:

- Sump piling works
- Tunnel entrance excavation and base slab construction
- Bentonite demobilisation activities
- Capping beam works
- Permanent propping installation
- Egress building construction (underground structure)
- Cross passage construction
- Lloyd Street reinstatement works
- 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. 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.

Health and safety

The health and safety of our workers is our key priority as we continue to deliver the Metro Tunnel Project, as is supporting social distancing measures in line with current health advice. We have strict protocols in place to protect the safety of our construction workforce, including enhanced industrial cleaning arrangements, provision of personal protective equipment and measures to reduce staff contact, including staggered shifts. For more information and advice about the outbreak of Coronavirus, please visit coronavirus.vic.gov.au

WORKS IN YOUR AREA

Sump Piling

Childers Street

7am to 6pm, Monday to Saturday
Ongoing to August 2020



- Piling works will continue in July to construct a sump box adjacent to the Egress shaft. The sump is located beneath the tunnel entrance ground slab and collects runoff water from the tunnel entrance
- Works will involve a piling rig drilling a foundation so a steel cage can be lifted into place. Once the steel cage is set into place, concrete will be poured into the foundation to form a pile
- These activities are expected to generate periods of medium to high level noise while the piling rig is drilling
- Drilling works in this area may encounter pre-existing concrete from removed high-voltage towers. If encountered, removal of concrete remnants will generate high levels of noise
- Works to complete concrete pours associated with piling works may continue until 7pm Monday to Friday, and 6pm on Saturdays. This is required to prevent the pile excavations from being left unfilled for extended periods of time.

Capping beams, propping, tunnel entrance excavation and base slab construction

Childers Street

Ongoing to late 2020



- Work will continue to break back (level off) D-walls and remove guide walls using a jackhammer, saw cutter and excavator
- Construction of the tunnel entrance involves installing 21 supporting props which provide horizontal support to the two tunnel entrance walls. Props are constructed by placing steel and pouring concrete into timber moulds
- Excavation will continue throughout 2020, with use of excavators to remove material and construct new access ramps
- Constructing the base slab involves installing drainage pipes and pits, installing waterproofing material, placing steel and pouring concrete
- These works will involve approximately six trucks travelling along Childers Street, Hobsons Road and Kensington Road per hour
- Up to two concrete pours are expected for the tunnel entrance base slab this month. The concrete pours will commence at 6am due to the size of the pour, and require four to five concrete trucks an hour
- Break back works are expected to generate periods of high-level noise.

Bentonite plant demobilisation

Hobsons Road and Kensington Road
Ongoing to late July 2020



- Works are continuing to remove the bentonite plant located at the Hobsons Road site
- This involves cleaning and removing bentonite silos, shipping containers, a mixing plant, generators, pipes, pumps and site offices
- Some activities will require intermittent closures of up to 30 car parking spaces in the Hobsons Road car park to ensure that equipment can be lifted by cranes safely
- Replacing existing traffic lights with temporary traffic lights on Kensington Road, Hobsons Road and Childers Street to facilitate the removal of the bentonite gantry.

Bentonite gantry removal

Hobsons Road and Kensington Road
7pm, Tuesday 7 to
5:30am, Wednesday 8 July 2020



- Works will take place to remove the steel gantry across Kensington Road
- This involves setting up two cranes on Kensington Road, disconnecting the horizontal section, and separating the horizontal section into three pieces
- Each piece will be transported on an oversized truck and taken to a storage facility
- Works are expected to take one night however may need to be rescheduled to overnight on Wednesday 8 or Thursday 9 July if weather conditions are not suitable
- The Hobsons Road car park will be closed from Monday 6 July to Friday 9 July. The car park will reopen earlier if works are completed in one night
- The works are expected to generate periods of medium to high level noise for residents close to the works
- Use of light towers powered by generators will be required during these works. Where possible, lights will be positioned to face away from residential properties.

Rail corridor maintenance works

Childers Street

12am to 4am, Mondays and Thursdays,
ongoing to late 2020



- Throughout the duration of excavation activities, 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 excavation takes place adjacent to the rail corridor

- 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.

Egress building construction

Childers Street

Ongoing to mid-2021



- Installing waterproofing membrane to line the underground internal walls
- Installing formwork and reinforcement using a crane and hand tools
- Pouring concrete to create the internal walls of the underground structure. Concrete pouring activities may occasionally continue beyond 6pm, Monday to Friday, and 1pm, Saturdays
- Some oversized deliveries may occur at night, subject to permit conditions
- Above ground works to construct the building are expected to commence in late 2020. Further information will be provided before works occur.

Cross passage construction

From the Arden Station site to Kensington
Ongoing until early 2021



- Cutting through the tunnel walls using a wall saw
- Using a small excavator to mine between the tunnels, and spraying concrete (shotcrete) to support the ground

- Installing waterproofing membrane and lining 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.

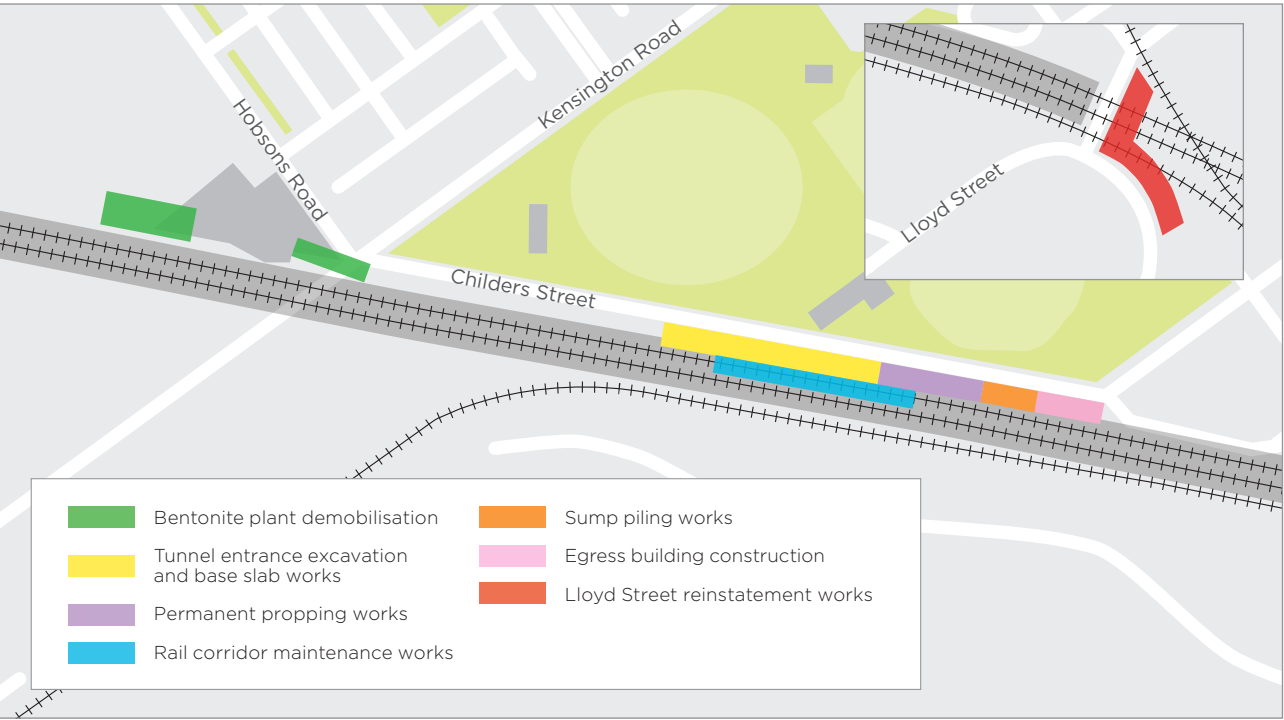
Lloyd Street reinstatement works

Lloyd Street

Ongoing until late July 2020



- Reinstating asphalt, footpath, drainage, line marking and signage
- 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.



LOOK AHEAD FOR 2020

	July	August	September	October
Lloyd Street reinstatement works●			
Egress building construction			
Cross passage construction – Arden to Kensington			
Capping beam, excavation, propping and base slab works			
Sump piling works●			
Bentonite plant and Kensington Road Gantry Demobilisation●			
Tunnel entrance roof slab construction		○.....●		

Subject to change

Traffic and transport impacts

Childers Street

- Childers Street is currently closed to all traffic
- 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 during construction activities.

Kensington Road closure

- Kensington Road, Childers Street and Hobsons Road will be closed from 7pm Tuesday 7 to 5:30am Wednesday 8 July (subject to weather conditions). Detours will be in place to direct traffic, cyclists and pedestrians around the area
- Temporary lane closures will be required to replace existing traffic lights with temporary lights prior to the removal of the bentonite gantry.

Hobsons Road car park closure

- The Hobsons Road car park will be closed from 5pm, Sunday 5 July to 11:59pm Friday 9 July to allow for the removal of the bentonite gantry
- The car park will reopen earlier if works are completed in one night.

Travel changes

- The 402 bus will be detoured from 7pm, Tuesday 7 July until the last service that night. During this time, bus stops on Kensington Road and Dynon Road will not be in use.

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)

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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.