

Monthly construction update

State Library Station

December 2020 – January 2021

Major construction is continuing in the northern end of Swanston Street at the site of the future State Library Station.

Construction snapshot

Construction works within the State Library Station precinct during December 2020 and January 2021 include:

- Construction of the underground station platform
- Platform tunnel excavation
- Bicycle lane reinstatement works on La Trobe Street
- Arrival of the tunnel boring machines (TBMs) from Parkville
- Shaft construction works at the La Trobe and Little La Trobe Street sites
- Ground floor slab construction works at the La Trobe Street site.

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.

We're taking a break

The Metro Tunnel Project will take a break from construction from Wednesday 23 December 2020, with the exception of 24-hour tunnelling works. Works will recommence on Monday 11 January 2021.

During the closure, the site will be secured with regular security patrols, and members of the project team will be on call to respond to any issues that arise. If you have any queries, please phone the Metro Tunnel Project Information Line on **1800 105 105**.

Works in your area

Structures and lining works

Franklin Street sites

24 hours, Monday to Sundays, ongoing



- Construction of the underground station platform will take place at the Franklin Street east and Franklin Street west sites
- This involves the delivery of steel and concrete using trucks and unloading materials within the acoustic shed
- Due to traffic restrictions, oversized trucks will be used to remove materials from the Franklin Street west site between 1am and 5am on Tuesday 8 December 2020
- Local access for residents and businesses will be maintained at all times.

Banner frame installation works

Franklin Street west site

10pm to 5am, one night in mid-December 2020



- A banner frame will be installed on the Franklin Street west acoustic shed in December
- Works to install the banner frame will take place at night and involve the use of an elevated works platform, lighting, a mobile crane, and hand tools
- During these works the Swanston Street western footpath adjacent to the acoustic shed will be closed to pedestrians
- These works are expected to generate low levels of noise and vibration
- Local access for residents and businesses will be maintained at all times.

Roadheader tunnelling

A'Beckett Street site

24 hours, Monday to Sundays, ongoing until early-December 2020



- Excavation of the platform rail tunnels using roadheaders will continue until early-December
- The concrete pump on Swanston Street will be used intermittently to support 24/7 tunnelling works
- Due to traffic restrictions, oversized trucks will be used to demobilise plant from the A'Beckett Street site between 1am and 5am from Tuesday 8 December to Friday 11 December and from Tuesday 15 December to Friday 18 December
- Local access for residents and businesses will be maintained at all times.

TBM tunnelling

Parkville to Melbourne CBD

24 hours, Monday to Sundays, ongoing until mid-late 2021



- Both tunnel boring machines (TBMs) have been launched from the Parkville Station precinct and are travelling towards the State Library Station precinct
- The first TBM is scheduled to breakthrough into the State Library precinct in late-December 2020
- On average the TBMs will move around 10 metres every 24 hours
- During tunnelling, the project team will undertake survey and monitoring activities at ground level along the tunnel alignment
- Property condition surveys are offered to eligible properties on the tunnel alignment based on a detailed environmental assessment
- Properties located near tunnelling works will be contacted with further information before tunnelling occurs in their area.

Shaft construction

Little La Trobe Street site

7am to 6pm, Monday to Saturdays, ongoing



Concrete pours, excavation, steel fixing and formwork installation

6pm to 10pm, Monday to Fridays, ongoing

- Shaft construction is continuing at the Little La Trobe Street site
 - These works involve excavators, a tower crane, trucks to remove excavated material from the site, steel fixing, installing waterproofing materials, installing formwork and concrete pours
 - Concrete pours must be continuous to ensure structural integrity and therefore may occasionally continue outside of standard construction hours
 - Steel fixing, formwork installation and excavation works will continue beneath the ground floor slab until 10pm on weeknights. This involves use of hand tools, excavators and trucks
 - Trucks will continue to use the loading zone on Little La Trobe Street to deliver and remove equipment, construction materials and excavated materials.

Acoustic enclosure installation works

Little La Trobe Street site

7am to 6pm, Monday to Saturdays, ongoing



- Works are underway to install an acoustic enclosure around the scrubber (ventilation system) within the Little La Trobe Street site

- These works involve the installation of steel roof panels and cladding using an elevated works platform, tower crane and hand tools
- To facilitate these works an elevated works platform will be parked on Literature Lane
- Works will commence in January 2021 to install a pedestrian link through the work site. This will involve installing a ramp and kerb on Literature Lane under partial road closure (refer to map)
- There will be intermittent oversized equipment deliveries to the Little La Trobe Street site in January 2021. These will take place under road closure. Motorist access to Little La Trobe Street will be maintained from Elizabeth Street (refer to map)
- Traffic management will be in place to safely guide pedestrians and vehicles around the work areas
- Directly impacted stakeholders will be provided with more information prior to these deliveries taking place
- Local access for residents and businesses will be maintained in Literature Lane at all times.

La Trobe Street site works

La Trobe Street site

7am to 10pm, Monday to Fridays, 7am to 6pm, Saturdays, ongoing



Concrete finishing works and oversized deliveries

10pm to 7am, Monday to Saturdays (as required)

Little La Trobe Street concrete pump operation

7am to 6pm, Monday to Fridays, 7am to 1pm Saturdays, ongoing (as required)

Swanston Street concrete pump operation

24 hours, Monday to Sundays, ongoing (as required) to support tunnelling works

Oversized delivery of an excavator

1am to 5am, one night in late-January 2021

The following works will take place at the La Trobe Street site throughout December 2020 and January 2021:

- Pile trimming works beneath the ground floor slab adjacent to La Trobe Street using jackhammers, an excavator and hand tools
- Pile trimming works requiring the use of jackhammers will be undertaken during standard construction hours only and are expected to generate periods of high noise
- Shaft excavation using excavators, a tower crane, and trucks
- Shaft excavation beneath the ground floor slab, with hammering activities will conclude before 8pm

- Construction of the ground floor slab, walls, and columns involving steel fixing, installing waterproofing materials, installing formwork and large concrete pours
- Two large continuous concrete pours will be undertaken between Tuesday 15 December and Saturday 19 December. Due to the size of the pours, these works are expected to continue overnight and will involve use of the Swanston Street concrete pump and a pump within the site. Directly impacted stakeholders will be provided more information prior to these works commencing
- In addition to the two large continuous concrete pours, there will be intermittent overnight concrete finishing works within the site. These works are expected to generate low levels of noise
- Concrete pours must be continuous to ensure structural integrity and therefore may occasionally continue outside of standard construction hours
- Use of the concrete pump located on Little La Trobe Street adjacent to the La Trobe Street site and the Swanston Street concrete pump adjacent to the La Trobe Street site (refer to map)
- Trucks will continue to ingress the site via La Trobe Street and egress via Little La Trobe Street to remove excavated material from shaft construction works
- Due to traffic restrictions, an oversized truck will be used to mobilise plant at the La Trobe Street site between 1am and 5am one night in late-January 2021. Directly impacted stakeholders will be provided more information prior to these works commencing
- There will be regular truck movements to deliver and remove equipment, construction materials and excavated materials.

Bicycle lane reinstatement works

La Trobe Street

7am to 6pm Monday to Saturdays, from Saturday 12 December to Monday 14 December 2020



- Bicycle reinstatement works will take place on La Trobe Street between Elizabeth and Swanston streets
- These works will involve asphaltting and line marking using a line marking machine, handheld drill, blower vacuum and asphaltting machine
- The eastbound lane on La Trobe Street will be closed between Elizabeth and Swanston streets between 10am and 4pm on Monday 14 December to undertake line marking works
- Fencing will be installed on the southern boundary of the La Trobe Street site, adjacent to La Trobe Street and will involve the use of hand tools and a tower crane



Indicative only

- Following the completion of these works the dedicated La Trobe Street eastbound bicycle lane adjacent to the La Trobe Street site will reopen to cyclists
- These works are expected to generate low levels of noise.

Oversized deliveries

All sites
10pm to 7am, ongoing



- In addition to regular deliveries to site, out of hours deliveries will occur intermittently throughout December and January to minimise traffic disruption and to ensure the safety of the public and our workers

- Due to traffic restrictions, oversized trucks will be used to remove materials from the Franklin Street west site between 1am and 5am on Tuesday 8 December 2020
- Oversized plant will be demobilised from the A'Beckett Street site between 1am and 5am from Tuesday 8 December to Friday 11 December 2020
- Oversized plant will be demobilised from the A'Beckett Street site between 1am and 5am from Tuesday 15 December to Friday 18 December 2020
- Local access for residents and businesses will be maintained at all times
- Traffic management will be in place to safely guide pedestrians, cyclists, and motorists around the work areas.

Groundwater monitoring

Victoria, Franklin, Bouverie, Swanston, A'Beckett, Therry and Little La Trobe streets and Literature Lane

7am to 6pm, Monday to Fridays,
7pm to 5am, Monday to Fridays,
under lane closure, as required



- There will be intermittent testing of previously installed groundwater wells on Victoria, Franklin, Bouverie, Swanston, A'Beckett, Therry and Little La Trobe streets, and Literature Lane on the road and footpath
- This involves setting up small localised traffic controls on footpaths and overnight lane closures on Victoria, Therry and Bouverie streets
- Traffic management will be in place to safely guide pedestrians, cyclists and motorists around the work areas

- Local access for residents and businesses will be maintained at all times
- These works are expected to generate low to medium levels of noise.

Monitoring equipment installation works

Swanston Street
1am to 5am, Monday to Fridays,
commencing December 2020



- Monitoring devices will be installed on Swanston Street between La Trobe and Little Collins streets
- The devices will be installed within the tram corridor, road surface and footpaths when trams are not running
- These works will involve the use of hand tools and are expected to generate low levels of noise.

Traffic and transport impacts - ongoing

- The eastbound lane on La Trobe Street will be closed between Elizabeth and Swanston streets between 10am and 4pm on Monday 14 December to undertake line marking works
- Intermittent partial footpath and overnight lane closures Victoria, Franklin, Bouverie, Swanston, A'Beckett, Therry and Little La Trobe streets and Literature Lane to allow for groundwater monitoring
- The eastern entrance to Literature Lane is closed to motorists and pedestrians

- The northern footpath on La Trobe Street adjacent to the La Trobe Street site is closed
- Following the completion of bicycle lane reinstatement works the dedicated La Trobe Street eastbound bicycle lane adjacent to the La Trobe Street site will reopen to cyclists
- Use of the concrete pump located on Little La Trobe and Swanston streets. For your safety please follow the direction of traffic controllers.

Further information about the detour routes during these closures are available at metrotunnel.vic.gov.au.

Look ahead for 2020-2021

	December	January	February	March	April
Permanent structure and lining works (Franklin Street sites)					
Excavation of rail or 'platform' tunnels (A'Beckett Street site)	●				
TBM tunnelling					
Slab construction and shaft excavation works (Little La Trobe and La Trobe Street sites)					

Health and safety

Works on the Metro Tunnel Project are progressing with strict COVIDsafe Plans in place.

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

For more information and advice about the coronavirus (COVID-19), please visit <http://coronavirus.vic.gov.au>.

Business support

While the new State Library Station will be a significant boost for the local area, construction activities can impact local businesses. In response to this, our Business Support Team assists businesses through the disruption and any permanent changes that will take place.

Please see the offer in this notification from **Little Mandarin**, located at **Suite 201 & 202, Nicholas Building, 37 Swanston St, Melbourne**.

We look forward to promoting more local businesses as the project progresses.

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.

YOGA



AerialYoga | **Mat**Yoga | **Pilates**Reformer

LITTLE  MANDARIN

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