

Monthly construction update

State Library Station

July 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 July 2021 include:

- Underground structures and lining works
- Shaft construction at the La Trobe and Little La Trobe Street sites
- Adit construction within the Little 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.

Works in your area

Structures and lining works

A'Beckett Street site

24-hours, Monday to Sundays, ongoing



- Ongoing structures and lining works continue at the A'Beckett Street site, involving the use of a custom-built gantry system to install waterproofing materials, formwork, and concrete along the arch of the central cavern and rail tunnels
- Delivering steel and concrete using trucks and unloading materials within the acoustic shed.

Franklin Street sites

24-hours, Monday to Sundays, ongoing



- Works continue at the Franklin Street East and Franklin Street West sites. Key activities within the acoustic sheds involve strut removal, steel tying, waterproofing and concreting to construct slabs and walls from the bottom level up
- Delivering steel and concrete using trucks and unloading materials within the acoustic shed.

Laydown area changes

Franklin Street West site

7am to 6pm, Monday to Fridays, and 7am to 1pm, Saturdays



- Works to reconfigure the Franklin Street West site laydown area will take place in July. This involves the removal and delivery of equipment and site sheds, relocation of hoarding and installation of services.

Shaft construction

Little La Trobe Street site

Shaft construction

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)



- Shaft construction is ongoing at the Little La Trobe Street site and involves the use of excavators, a tower crane, concrete pump, rock bolter, hand tools, an elevated work platform, and trucks to remove spoil and deliver construction materials including concrete and steel

- Construction of the shaft floors, walls and columns involves steel fixing, waterproofing, formwork installation and concrete pours
- Concrete pours involve concrete trucks, a tower crane and concrete finishing equipment
- Concrete pours must be continuous to ensure structural integrity and therefore may occasionally continue outside of notified hours
- Concrete finishing works are expected to generate low levels of noise and vibration
- Hydro demolition works within the shaft will continue intermittently throughout July
- Now that coring is complete, pile trimming works will commence on the western side of the site. This involves the use of jackhammers, a demolition robot, an excavator and hand tools
- Work activities including hydro demolition and pile trimming are expected to generate intermittent periods of high noise
- For safety reasons, ventilation equipment will be required during all works within the shaft, and site lighting will be required for evening and overnight works
- Trucks will continue to use the loading zone on Little La Trobe Street to deliver and remove equipment, construction materials and excavated materials.

Adit excavation

Little La Trobe Street site

24 hours, Mondays to Saturdays, from late-July



- Excavation of the south adit (underground passenger connection) will recommence from within the Little La Trobe Street shaft in late-July
- Adit excavation involves the use of an excavator, a tower crane, a shotcrete rig, a concrete pump, rock bolter and trucks to deliver concrete and remove excavated material
- Shotcreting involves the use of a shotcreting rig and a concrete pump. There will be up to two concrete deliveries per overnight shift to support this activity
- Concrete trucks will use the dedicated construction loading zone on Little La Trobe Street
- Ventilation equipment and site lighting will be required during adit excavation works.

Shaft construction

La Trobe Street site

Shaft construction

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

Excavation and steel fixing

10pm to 12am, Monday to Fridays, 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 Saturdays, ongoing (as required)

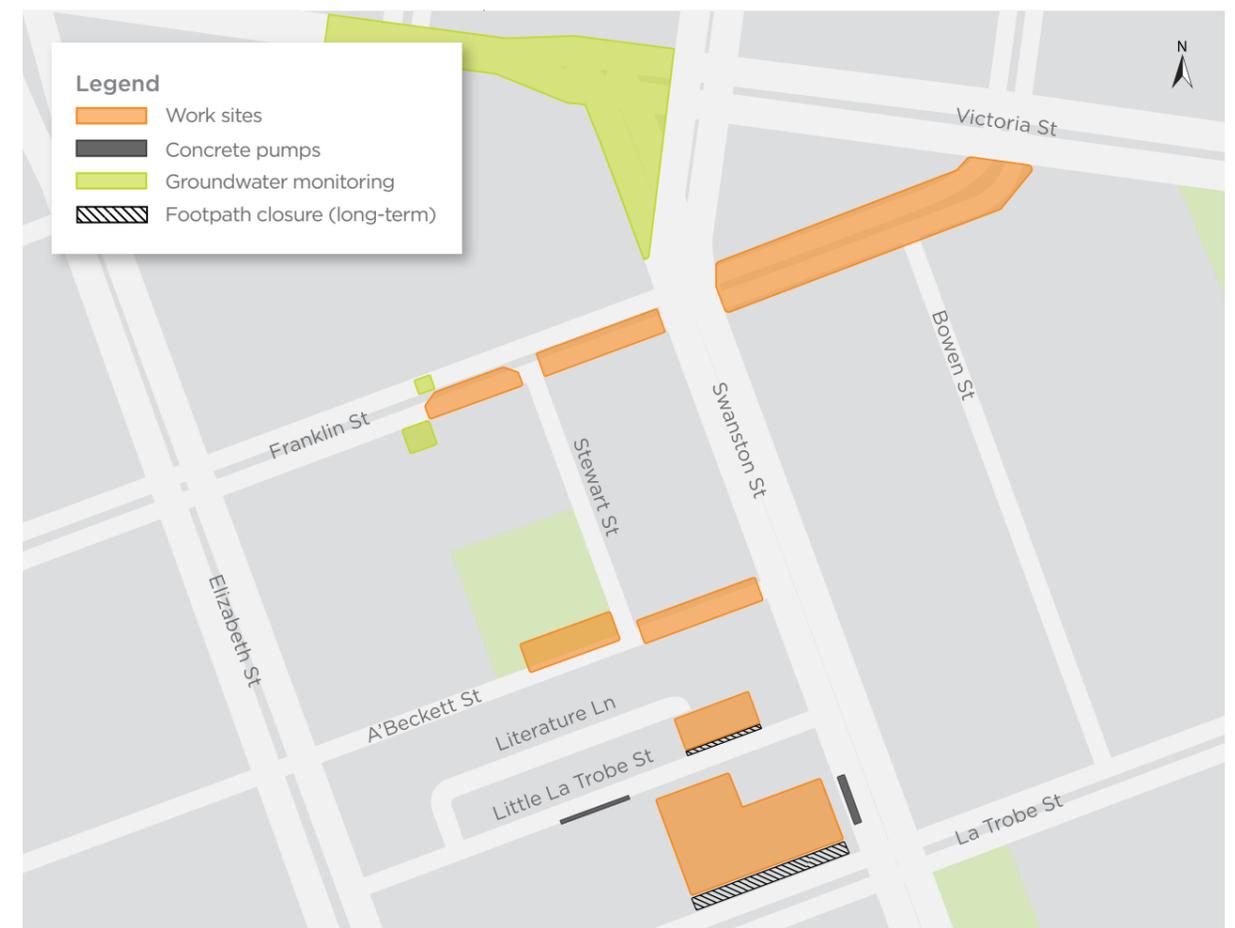
Swanston Street concrete pump operation

24-hours, Monday to Sundays, ongoing (as required)



- Shaft excavation involves the use of excavators, a tower crane, and trucks to remove excavated materials from the site
- Excavation using a clamshell excavator above ground, and excavators below the ground floor slab will take place between 10pm and 12am on weeknights

- Construction of the shaft floors, walls and columns involves steel fixing, waterproofing, formwork installation and concrete pours
- Steel fixing below the ground floor slab using hand tools will take place between 10pm and 12am on weeknights (as required)
- Concrete pours involve regular deliveries, and the use of concrete trucks, concrete pumps, and concrete finishing equipment
- Concrete pours must be continuous to ensure structural integrity and therefore may occasionally continue outside of notified hours
- Concrete finishing works are expected to generate low levels of noise and vibration
- Works to construct a temporary deck over the ground floor slab penetration will continue until early-July and recommence on the eastern side of the site in September. These works involve steel deliveries and installation, the use of elevated works platforms, a tower crane and rattle guns
- The concrete pump on Little La Trobe Street is used to support construction at the La Trobe Street site



Indicative only

- The concrete pump on Swanston Street is used to support construction at the La Trobe Street site and tunnelling works in the cavern beneath Swanston Street
- For safety reasons, ventilation equipment will be required during all works within the shaft, and site lighting will be required for evening and overnight works
- There will be regular truck movements to deliver and remove equipment, construction materials and excavated materials.

Groundwater monitoring

Victoria, Franklin, Swanston, and Therry streets

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, Swanston, and Therry streets on the road

- and footpath
- This involves setting up small, localised traffic controls on footpaths and overnight lane closures on Franklin, Victoria, and Therry 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 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 to minimise traffic disruption and to ensure the safety of the public and our workers.

Health and safety

Metro Tunnel works are progressing safely under the current circuit breaker coronavirus (COVID-19) restrictions in Victoria.

Construction is an authorised industry and COVIDsafe Plans are in place on all our project sites.

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

Workers on all of Victoria's Big Build sites are currently required to wear face masks unless they meet any of the criteria for exception – such as a medical condition or to meet 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://www.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 promotion in this notification from **The Oxford Scholar Hotel** located at **427 Swanston Street, Melbourne**.

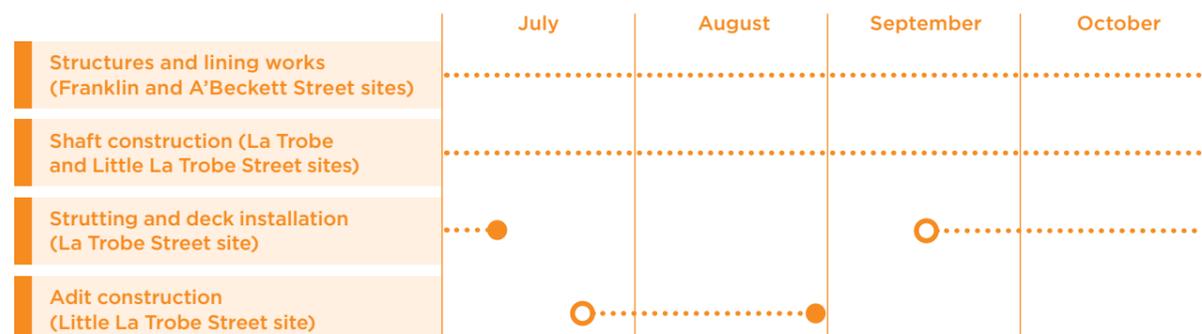
We look forward to promoting more local businesses as the project progresses.

Traffic and transport impacts

Ongoing

- To ensure the safety of workers, motorists, and cyclists during the construction of the new State Library Station, a 30 kilometre per hour speed limit is in place on La Trobe Street between Elizabeth and Swanston streets
- The eastbound lanes on La Trobe Street are reduced to one lane between Elizabeth and Swanston streets, with the northern footpath closed to pedestrians adjacent to the La Trobe Street site
- The Little La Trobe Street northern footpath adjacent to the Little La Trobe Street site is closed to pedestrians
- The eastern entrance to Literature Lane is closed to traffic. Access to Literature Lane is via the western entrance off Little La Trobe Street
- The entire length of Stewart Street in a southbound direction is now one-way
- A'Beckett Street is closed between Swanston and Stewart streets and gantry walkways have been installed on both sides of A'Beckett Street
- A designated pedestrian access path has been installed around the laydown and storage area on the half basketball courts on A'Beckett Street
- Local access for residents and businesses will be maintained at all times.

Look ahead for 2021



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://www.railprojects.vic.gov.au) for the latest updates.



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