

Monthly construction update

State Library Station

May 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 May 2021 include:

- Underground structures and lining works
- Installation of a temporary deck at the La Trobe Street site
- Shaft construction works at the La Trobe and Little La Trobe Street sites.

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

Franklin Street sites

24-hours, Monday to Sundays, ongoing



- Structures and lining works will continue at the Franklin Street East and Franklin Street West sites. Key activities within the acoustic sheds include steel tying, waterproofing and concreting
- Tension anchors will be installed at the base of the Franklin Street West shaft in May. This involves the use of a drill rig, the delivery of steel and concrete using trucks, and unloading materials within the Franklin Street West acoustic shed
- Local access for residents and businesses will be maintained at all times.

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 May. These works will include the removal and delivery of equipment and site sheds using trucks
- Local access for residents and businesses will be maintained at all times.

Structures and lining works

A'Beckett Street site

24-hours, Monday to Sundays, ongoing



- The A'Beckett Street site will continue to support underground structures and lining works
- These works include the installation of waterproofing materials, formwork, and concrete along the arch of the central cavern (tunnel). This involves the delivery of steel and concrete using trucks and unloading materials within the acoustic shed
- Local access for residents and businesses will be maintained at all times.

Shaft and adit construction works

Little La Trobe Street site

Shaft and adit 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)

- Works to construct the Little La Trobe shaft are continuing

- Shaft construction involves the use of excavators, a tower crane, hand tools, an elevated work platform, and trucks to excavate, remove excavated soil and deliver construction materials

- Construction of the shaft floors, walls and columns involves steel fixing, waterproofing, installing formwork 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

- There will be two large continuous concrete pours at the Little La Trobe Street site in May. Following the completion of a concrete pour, concrete finishing works will continue overnight and are expected to generate low levels of noise

- Works to construct an adit (underground connection) between the Little La Trobe and La Trobe Street sites are continuing

- Pile breakback works will continue within the adit until mid-May. These works involve the use of excavators and will take place during standard construction hours

- For safety reasons, ventilation equipment will be required during all works within the shaft and adit, 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.

Shaft construction

La Trobe Street site

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



Steel fixing and excavation underneath the ground floor slab

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

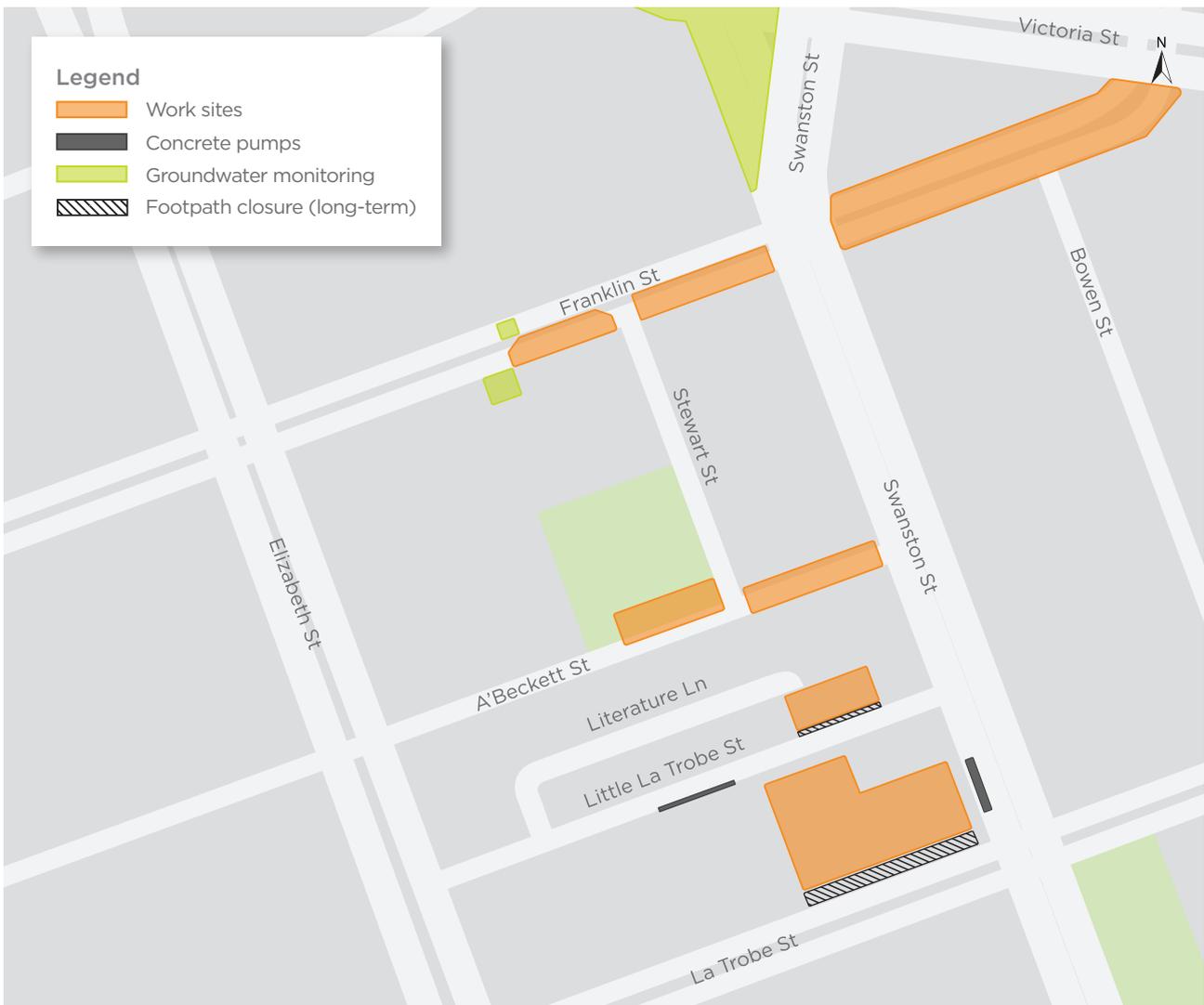
7am to 6pm, Monday to Saturdays, ongoing (as required)

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

- Truck movements to remove excavated materials will conclude by 10pm on weeknights and 6pm on Saturdays



Indicative only

- Construction of the shaft floors, walls and columns involves steel fixing, waterproofing, installing formwork and concrete pours
- Concrete pours involve regular deliveries, and the use of concrete trucks, concrete pumps, and concrete finishing equipment
- Concrete pours will conclude by 10pm and concrete finishing works may continue overnight. Concrete finishing works are expected to generate low levels of noise and vibration
- Excavation using an excavator only, and steel fixing using hand tools will take place between 10pm and 12am on weeknights underneath the ground floor slab, these works are not expected to exceed background noise levels
- Pile trimming works require the use of jackhammers, an excavator and hand tools, and are expected to generate intermittent periods of high noise
- Works to construct a temporary deck over the ground floor slab penetration will continue in May. These works involve steel deliveries, 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
- 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
- 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.

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.

Look ahead for 2021



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 flyer in this notification from **Little Nooky Cafe**, located at **62 A'Beckett Street**. 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.

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