

# Monthly construction update

## State Library Station

September 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 September 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](http://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
- Overnight continuous concrete pours will take place more frequently at the A'Beckett Street site to construct the platform tunnel invert and lining works.

### 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 now commence in late-September. This involves the removal and delivery of equipment and site sheds, relocation of hoarding and installation of services
- Some road closures will be required during service installation works. Directly impacted stakeholders will be provided more information closer to the time.

## 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 Fridays  
(as required)



- Shaft construction is ongoing at the Little La Trobe Street site and involves the use of excavators, a tower crane, concrete pump, 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 involve 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
- 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 construction

### Little La Trobe Street site

24 hours, Mondays to Saturdays  
until early September



- Construction of an adit (underground passenger connection) between the Little La Trobe and La Trobe Street is continuing from within the Little La Trobe Street shaft until early September, recommencing in December
- Adit construction involves the use of an excavator, a tower crane, a shotcrete rig, a drill rig, a concrete pump, and trucks to deliver concrete and remove excavated materials
- Shotcreting and rockbolting works are required overnight to ensure safe ground conditions within the adit
- Shotcreting involves the use of a shotcreting rig within the adit and a concrete pump on the surface
- Rock bolting requires the use of an electric powered rock bolting machine within the adit
- Truck movements to remove excavated material will conclude by 12am
- There will be up to four concrete deliveries per overnight shift
- Ventilation equipment and site lighting will be required during adit construction 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 Fridays (as required)

### Little La Trobe Street concrete pump operation

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

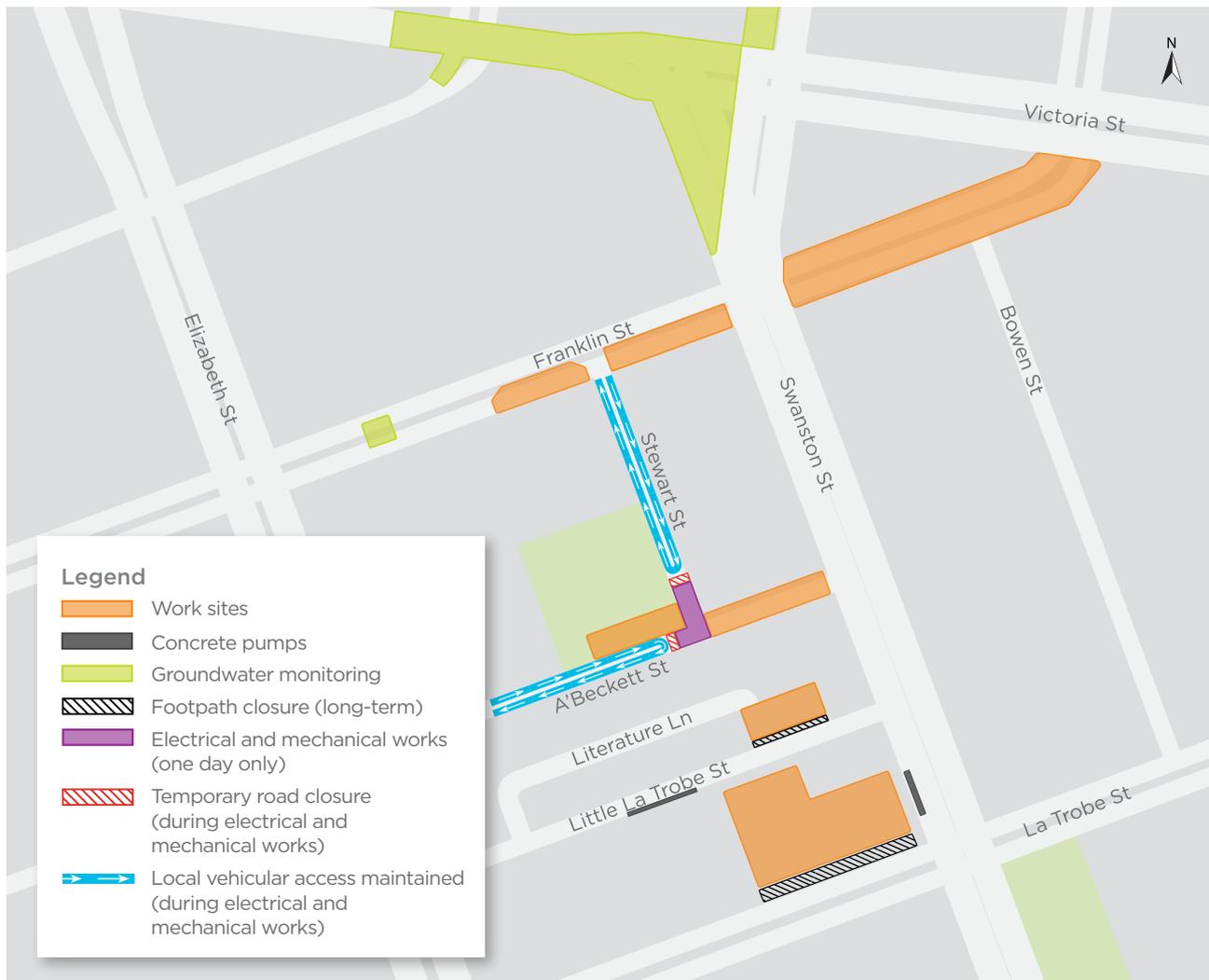
### Swanston Street concrete pump operation

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 continue to take place between 10pm and 12am on weeknights
- Construction of the shaft floors, walls and columns involve 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
- 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
- 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
- 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.



Indicative only

## Tram pole and electrical investigations

### Swanston Street

Late-September



- Non-destructive digging will take place in late-September at the tram pole on Swanston Street
- A closure of Swanston Street will be required during the day of the works
- A full closure of the Swanston Street footpath may also be required
- Electrical works will also take place on Swanston Street near the corner of Latrobe Street in late September
- Partial closure of the Swanston Street footpath will be required on the day of the works.

## Electrical and mechanical works

### A'Beckett Street & Stewart Street

7am to 5pm, Sunday 5 September



- Electrical and mechanical works will be undertaken in the A'Beckett Street laydown area. A franna crane will be taking electrical equipment into site and barriers will be moved
- Stewart Street will be closed from Franklin Street for the duration of the works. Local access will be maintained
- Access to A'Beckett Towers will be via Stewart Street during these works
- Car lifts will be held whilst the crane is lifting. These delays are only expected to be around 10 minutes
- CitiPower have scheduled a power outage to site only, so these works will not affect residential power.

## 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
- Local access for residents and businesses will be maintained at all times.

# Look ahead for 2021

	September	October	November	December
Structures and lining works (Franklin and A'Beckett Street sites)	.....			
Shaft construction (La Trobe and Little La Trobe Street sites)	.....			
Adit construction (Little La Trobe Street site)	●.....			○.....
Hoarding relocation and scaffolding installation (Swanston St)			○.....	

## Health and safety

The Metro Tunnel Project has been designated a critical state infrastructure project under the latest restrictions. Work is continuing safely with strict COVIDSafe plans in place and we'll continue to comply with all directions from the Chief Health Officer.

We are managing the number of staff attending our worksites, as well as implementing preventative measures to ensure community safety.

Safety measures across the site include temperature screening, additional protective equipment including masks, daily health screening of workers, enhanced cleaning, staggered shifts and break times, and physical distancing.

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](http://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](http://railprojects.vic.gov.au) for the latest updates.

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