

# Monthly construction update

## State Library Station

July 2023

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 2023 will include:

- Underground structures and lining works
- Station entrance construction at the La Trobe Street site
- Above ground structure works at the Little La Trobe Street site
- Shaft construction at all sites.

Further information on these works can be found overleaf or at [metrotunnel.vic.gov.au](https://metrotunnel.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 for **C9 Chocolate & Gelato** located at 397 Swanston Street, Melbourne.

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

### 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.

Construction partner:



Cross  
Yarra  
Partnership



# Works in your area

## Structures and lining

### A'Beckett Street site

24-hours, Monday to Sunday, ongoing



- Steel and concrete deliveries and the unloading of materials within the acoustic shed is ongoing
- This involves the use of a mobile crane, trucks and hand tools
- Concrete pours using the concrete pump within the new acoustic shed, located within the site laydown area, are ongoing.

### Franklin Street sites

24-hours, Monday to Sunday, 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 of the shaft up to the ground
- Delivery of steel and concrete using trucks and unloading materials within the acoustic sheds is ongoing
- Works have commenced to remove the ground floor deck at the Franklin Street East site. During these works, trucks are reversing into the site from Victoria Street
- Stop and hold arrangements will be in place during truck reversal movements
- To facilitate these works, line marking and modifications to the hoarding and gate at Victoria Street adjacent to the Franklin Street East site will be required. These works will require intermittent lane and footpath closures (see map)
- Traffic management will be in place to safely guide pedestrians, cyclists and motorists around the works area.

## Shaft construction

### Little La Trobe Street site

#### Shaft construction

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



### Formwork installation within shaft

10pm to 3am, Monday to Fridays

### Ground floor slab removal

7am to 10pm, Monday to Fridays, until complete

- Structural works, including plunge column removal are continuing within the Little La Trobe Street shaft
- This involves the use of a crawler crane on ground level, formwork installation, steel fixing, waterproofing, wire saws, concrete pumps, elevated work platforms, hand tools and trucks to deliver construction materials such as concrete and steel
- Concrete pours must be continuous to ensure structural integrity and therefore may occasionally continue outside notified hours
- Formwork installation is continuing within the shaft until 3am weeknights using hand tools and a scissor lift

- Hydro demolition within the shaft will take place intermittently until 10pm on weeknights as required
- Ground floor slab and plunge column removal involving the use of a crawler crane, wire saws, hammers, a hydraulic jack, power tools and a concrete core drill is ongoing.

## Above ground structure works

### Little La Trobe Street site

7am to 6pm, Monday to Saturdays



- Above ground structure works are continuing at the Little La Trobe Street site
- This involves clearing the area where the eastern structure will be built, drilling, and installing formwork, steel, and concrete. Equipment used includes a crawler crane, franna cranes, an elevated work platform, rattle guns and hand tools
- Trucks will continue to use the loading zone on Little La Trobe Street to deliver and remove equipment and construction materials
- Traffic management will be in place to safely guide pedestrians, cyclists, and motorists around the works area.

## Shaft construction

### La Trobe Street site

24-hours, Monday to Fridays, ongoing  
7am to 6pm, Saturdays, ongoing



### Waterproofing, shotcreting and general maintenance works

7am to 6pm, Sundays (as required)

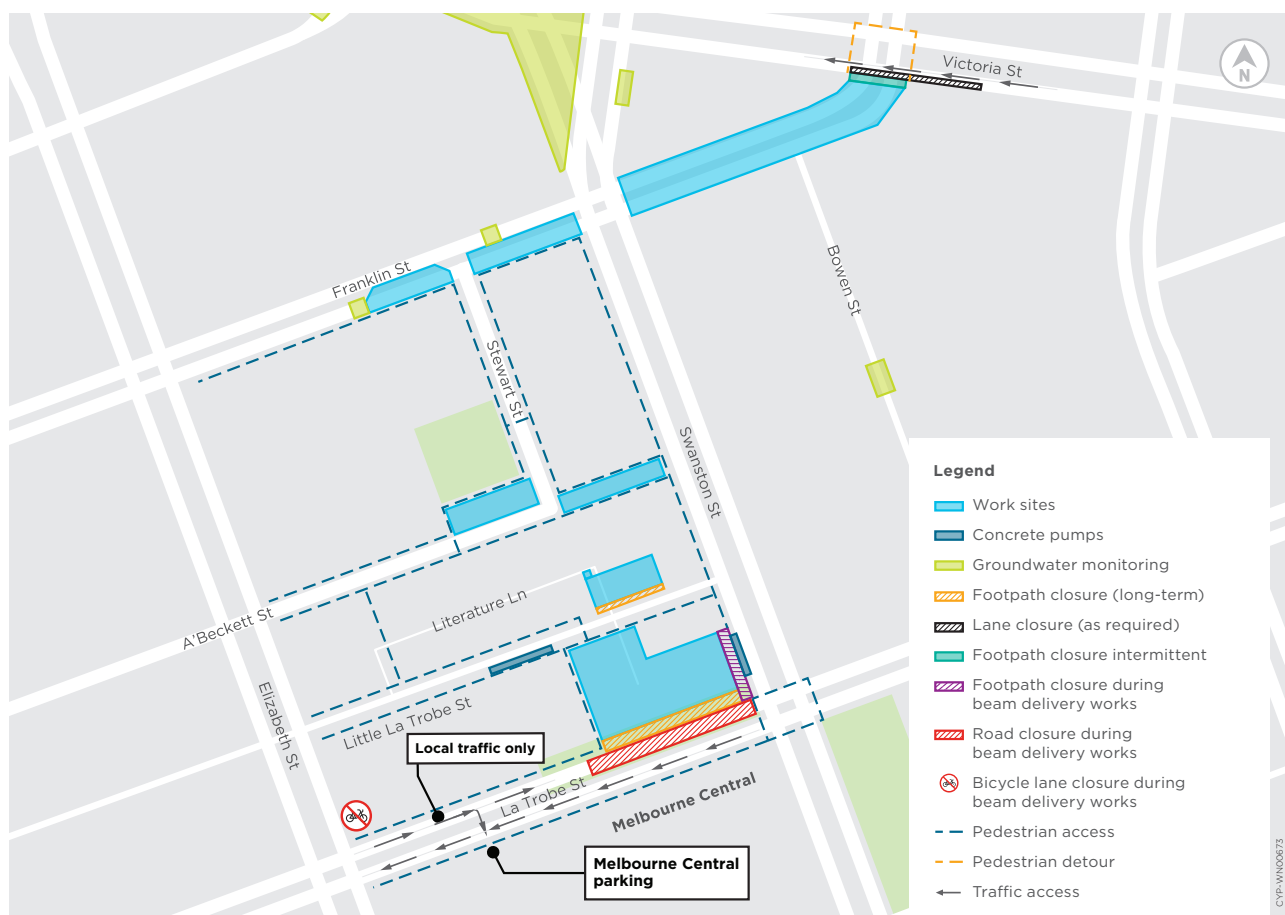
### Little La Trobe Street concrete pump operation

7am to 8pm, Monday to Saturdays (as required)  
24-hours, Monday to Sundays (during major pours)

### Swanston Street concrete pump operation

24-hours, Monday to Sundays (as required)

- Excavation of the shaft at the La Trobe Street site is now complete
- Shaft construction is continuing. This involves use of the tower crane, mobile crane and crawler crane, elevated work platforms, generators, concrete pumps, and trucks
- The tower crane will operate as required until 12am weekdays and will generate intermittent medium levels of noise
- Construction of the shaft floors, walls and columns involves steel fixing, waterproofing, formwork installation and concrete pours
- Concrete pours involve regular deliveries, the use of concrete trucks, concrete pumps and concrete finishing equipment
- The next major concrete pour for the basement five slab is scheduled to take place in mid-July
- Major concrete pours can take between 10-20 hours with all concrete pumps in use to achieve the volume of concrete required, including mobile pumps on site
- Concrete pours must be continuous to ensure structural integrity and therefore may continue outside of normal construction hours



Indicative only

- Works will continue Sundays (as required) and include waterproofing, shotcreting, concrete finishing works and other general maintenance activities
- Ventilation equipment will be required during all works within the shaft, and site lighting will be required for evening and overnight works
- Regular truck movements to deliver and remove equipment and construction materials are required
- Some works at the La Trobe Street site will generate high levels of noise.

## Escalator installation

### Melbourne Central Station

12am to 5am, Monday to Fridays



- Works continue to install escalators at the concourse and platform levels at Melbourne Central Station
- Works involve removing and installing hoarding, delivering and installing escalators, service relocations, and slab, tile and wall removal. Access for these works will be via the La Trobe Street site
- Slab removal involving the use of a brock and saw cutters will generate high levels of noise. Please contact the Project Team if you have any concerns.

## Oversize 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.

## Station entrance construction

### La Trobe Street site

7am to 10pm, Monday to Fridays

7am to 6pm, Saturdays



### Oversized beam deliveries

#### La Trobe Street site

24-hours, 3-5 days in mid-July under eastbound closure of La Trobe Street

- Above ground construction of the State Library Station entrance is underway with wall and column construction
- This involves precast panel, steel cage deliveries, formwork installation, concrete pours, and oversized deliveries
- The first two of six oversized beam deliveries will take place over three to five consecutive days in mid-July under an eastbound closure of La Trobe Street between Elizabeth and Swanston streets (see map)
- This involves oversized trucks carrying beams travelling to the site between 1am and 5am when trams aren't running
- The trucks will remain on La Trobe Street until the beams can be lifted onto the station entrance columns using cranes during normal construction hours
- During the road closure, a 400 tonne crane will also be demobilised from the site
- The dedicated eastbound bicycle lane will also be closed for the duration of the works
- Motorists travelling eastbound on La Trobe Street will need to detour via Lonsdale Street

- Cyclists travelling eastbound on La Trobe Street will need to detour via Little Lonsdale Street
- For safety reasons, there will be closures of the Swanston Street western footpath adjacent to the La Trobe Street site during the first beam lift. Pedestrian access will be maintained via the eastern footpath on Swanston Street
- Access to businesses and residential buildings will be maintained at all times.

## 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)*



- Intermittent testing of previously installed groundwater wells on Victoria, Franklin, Swanston and Therry streets on the road and footpath is ongoing
- This involves setting up small, localised traffic controls on footpaths and overnight lane closures on Victoria, Franklin, Bowen 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.

## Works happening in Melbourne's west

Final track work and signalling upgrades to connect the Metro Tunnel to the Sunbury Line is currently taking place in Melbourne's west until early July.

During this time Metro Tunnel Project crews will work around the clock to install and test high-capacity signalling and power equipment, and lay more than 300m of joining track just outside the tunnel's western entrance in Kensington.

This track is the final piece of the puzzle that will create a 97km end-to-end rail line from Melbourne's west (Sunbury) to Melbourne's south-east (Cranbourne/Pakenham) via the new twin 9km Metro Tunnel.

Taking these busy lines out of the City Loop and through a new tunnel will create capacity across Melbourne's rail network to run more trains more often.

Following these works, crews will focus on running the first test trains through the tunnel in the coming months. For more information, visit [metro.tunnel.vic.gov.au](https://metro.tunnel.vic.gov.au).

## Major milestone reached at La Trobe site

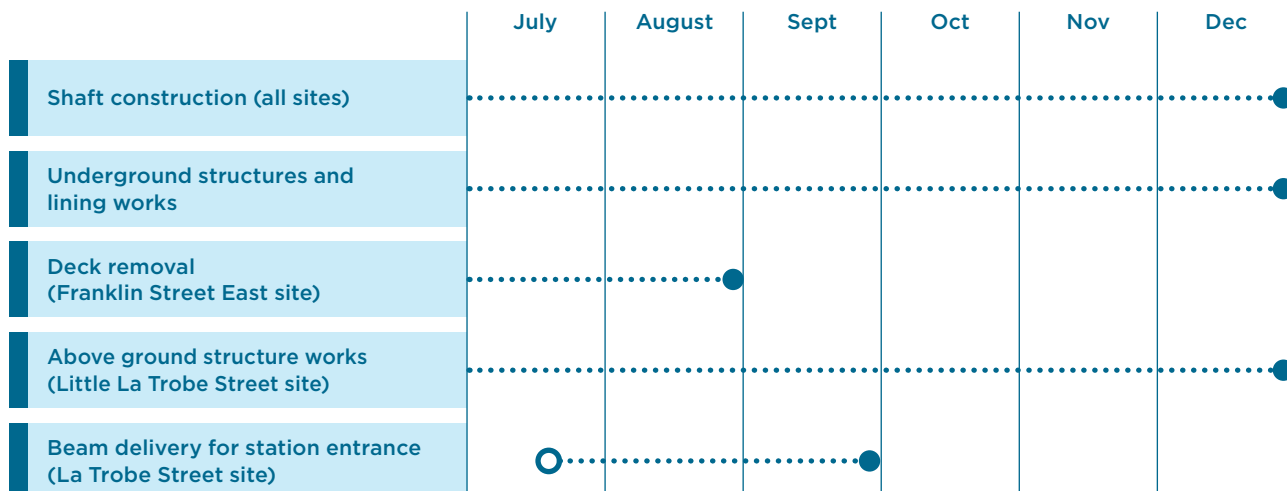
Recently the team completed excavation at the La Trobe site, marking the end of excavation across the entire Metro Tunnel Project.

Across three years, a total of 82,000 cubic metres of earth has been excavated at the site to complete the La Trobe shaft. With excavation now complete, works can now commence on constructing basement seven's structure.

We would like to thank nearby residents and businesses for their patience during the excavation phase of the project.



# Look ahead for 2023



Program is indicative and subject to change

## Traffic and transport impacts Temporary


- A continuous eastbound road closure of La Trobe Street between Elizabeth and Swanston streets, will take place in mid-July for three to five days for entrance beam deliveries. Motorist detour via Lonsdale Street
- A continuous road closure of Little La Trobe Street, adjacent to the Little La Trobe Street site will be required during above ground structure works, involving use of a mobile crane on the street. This closure is expected to take up to four weeks and will commence in August
- The westbound lanes on Victoria Street are reduced to one lane between Russell and Swanston streets outside of peak traffic hours as required to facilitate Franklin East site works
- A continuous eastbound long term road closure of La Trobe Street will be required between Elizabeth and Swanston streets. More information will be available soon.


## Ongoing

- To ensure the safety of workers, motorists, and cyclists during construction, 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 Literature Lane via the western entrance off Little La Trobe Street
- The entire length of Stewart Street in a southbound direction is now one-way (unless otherwise advised)
- 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 basketball courts of A'Beckett Street
- Local access for residents and businesses will be maintained at all times.

## More information

 [metrotunnel.vic.gov.au](https://metrotunnel.vic.gov.au)

 1800 105 105  
(24 hours a day, 7 days a week)

Rail Projects Victoria  
PO Box 2392, 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://railprojects.vic.gov.au) for the latest updates.





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