

Monthly construction update

State Library Station

September 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 September 2023 will include:

- Underground structures and lining works
- Shaft construction at all sites
- Station entrance structure construction within the La Trobe Street site
- Above ground structure works at the Little La Trobe Street site
- Escalator installation works at Melbourne Central
- Train testing through the tunnel.

Further information on these works can be found overleaf or at metrotunnel.vic.gov.au

La Trobe Street closure

As previously advised, a long-term closure of the La Trobe Street eastbound vehicle and bikes lanes – between Elizabeth and Swanston streets – commences in early September. This closure will last for up to 12 months.

- Detours will be in place (see map within this notice)
- Local access to residential buildings and businesses, including the Melbourne Central car park, will be maintained
- Pedestrian movement and tram services will not be impacted.

For more information on this closure, visit 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.

Construction partner:



Cross
Yarra
Partnership



Works in your area

Structures and lining works

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 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
- Fit out, mechanical, electrical and plant works are continuing within the shafts
- Delivery of steel and concrete using trucks and unloading materials within the acoustic sheds is ongoing
- Works are underway 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
- 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 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, maintenance and minor works are continuing within the shaft until 3am weeknights using hand tools and a scissor lift
- 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 2am, 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 and crawler crane, elevated work platforms, forklifts, generators, concrete pumps, and trucks
- The tower crane will operate as required until 12am 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
- There are two major concrete pours taking place in September for the basement seven slab. The first pour is scheduled to take place in early-September and the second pour will take place in mid-September
- 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
- 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,
until complete*



- Works will 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
- Works to install creative treatment to the existing hoarding on the concourse level will take place this month.

Station entrance construction

La Trobe Street site

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



- Above ground construction of the State Library Station main entrance is well underway. The first three of six oversized beams have been installed on top of the columns closest to Swanston Street
- These beams will be filled with concrete and ready for planks which will be installed over the beams
- The remaining beams will be delivered and installed in late-September under the existing La Trobe Street road closure
- For safety reasons, there will be closures of the Swanston Street western footpath adjacent to the La Trobe Street site during a concrete pour of the front beam. The footpath is expected to be closed for up to six hours. Pedestrian access will be maintained via the eastern footpath on Swanston Street

- Ongoing works involve precast panel, steel cage deliveries, formwork installation, concrete pours, and oversized deliveries
- 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
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.

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.

Traffic and transport impacts

Temporary

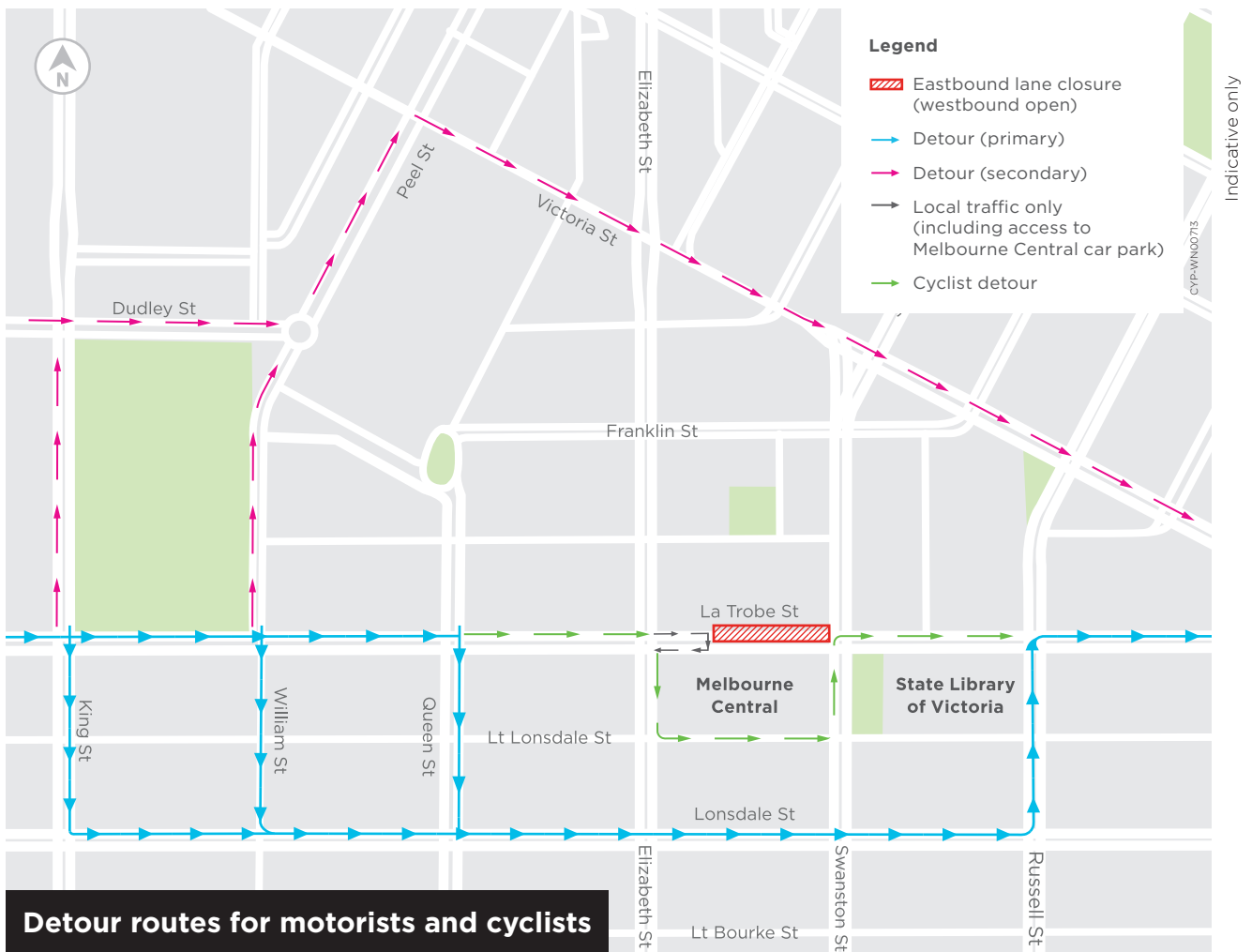
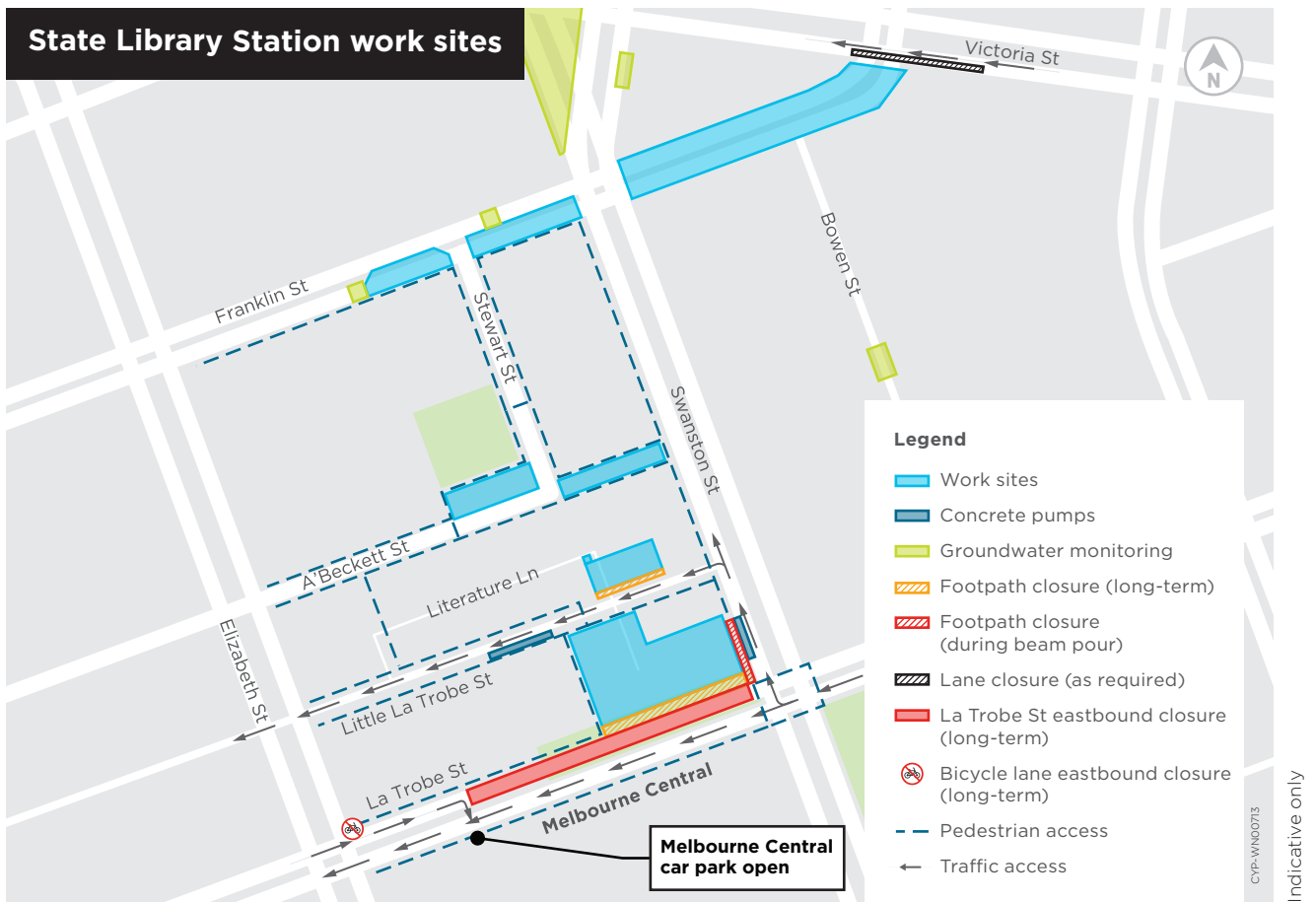
- A continuous road closure of Little La Trobe Street, adjacent to the Little La Trobe Street site will be required during above ground structure works, involving use of a mobile crane on the street. This closure is expected to take up to four weeks and will commence later this year
- The westbound lanes 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.

Ongoing

- A continuous eastbound road and bike lane closure of La Trobe Street is now in place between Elizabeth and Swanston streets, with the northern footpath closed to pedestrians adjacent to the La Trobe Street site

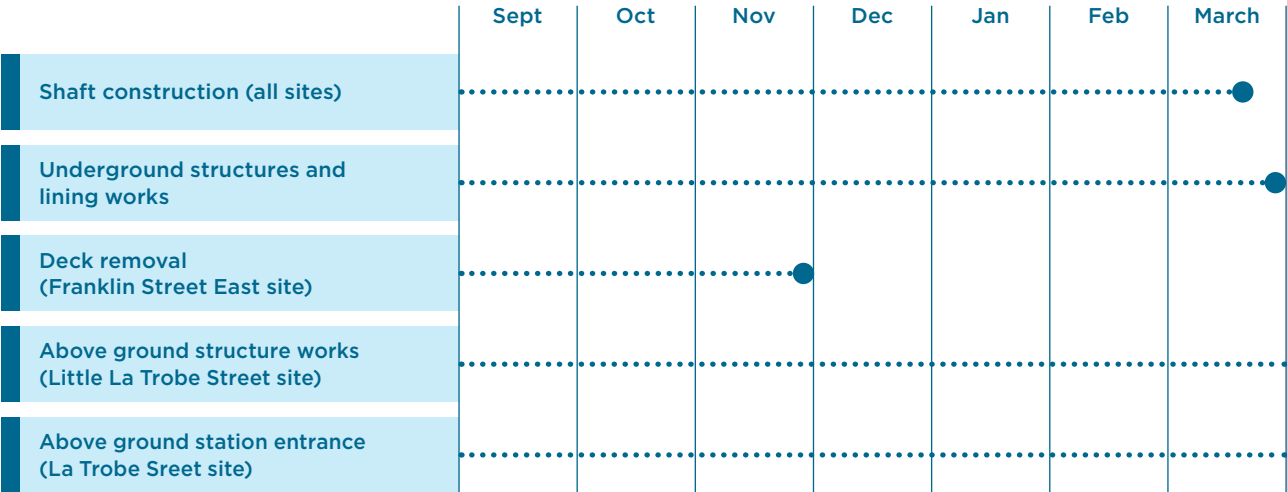
- The Little La Trobe Street northern footpath adjacent to the Little La Trobe Street site is closed to pedestrians
- The eastern entrance to Literature Lane is closed to traffic. Access Literature Lane via the western entrance off Little La Trobe Street
- The entire length of Stewart Street in a southbound direction is now one-way
- 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 of the basketball courts on A'Beckett Street
- Local access for residents and businesses will be maintained at all times.

State Library Station work sites



Detour routes for motorists and cyclists

Look ahead for 2023 - 2024



Program is indicative and subject to change

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 **Melbourne Central** located on the corner of **La Trobe and Swanston streets, Melbourne.**

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

More information

 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 for the latest updates.



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