



## CONSTRUCTION UPDATE

### STATE LIBRARY STATION DECEMBER 2018 – JANUARY 2019

Major works on the Metro Tunnel are underway to support construction of the new State Library Station at the northern end of Swanston Street in the CBD.

#### Franklin Street East site

Shaft excavation works are continuing 24 hours a day inside the acoustic shed. Over the next two months, increased activity can be expected around the Franklin East site. This involves:

- Removing oversized equipment, materials and staff facilities
- Delivering site sheds and other materials and equipment
- Installing hoarding, barriers, and fencing around the work sites
- Removing two light poles on Victoria Street adjacent to the site
- Installing a new water connection inside the laydown area

#### Franklin Street West site

Piling works are continuing at the Franklin Street West shaft site. This involves:

- Delivery of materials, equipment, and machinery; and removing ground material along Franklin Street from Elizabeth Street into the laydown area
- Piling using a piling rig, a crane, and a concrete truck
- Installing hoarding, barriers, and fencing around the work sites.

For more information about piling, please see the Piling Works at State Library fact sheet at [metrotunnel.vic.gov.au](http://metrotunnel.vic.gov.au).

#### A'Beckett Street site

Works are continuing 24/7 inside the acoustic shed. This involves:

- Tunnelling using a road header machine
- Truck movements for spoil removal and concrete deliveries.

Site establishment works are continuing at A'Beckett and Stewart streets. This involves:

- Delivering and installing equipment, materials, and staff facilities to the laydown area
- Installing a turnstile entrance to the laydown area for workers adjacent to the RMIT basketball courts
- Installing hoarding, barriers, and fencing around the work sites
- Constructing a covered walkway over Stewart Street for workers to travel between the laydown area and the acoustic shed
- Removing and installing new traffic signs and barriers, and line marking.

#### Little La Trobe Street and Literature Lane

Building demolition works are continuing at Little La Trobe Street. This involves:

- Completing demolition of the building at 18 Little La Trobe Street and removing debris and scaffolding
- Relocating the eastern entrance to Literature Lane (refer to map), this involves using an excavator to backfill and using a roller to level the surface



Indicative only.

- Footpath alteration works on Little La Trobe Street
- Installing scaffolding, overhead protection barriers, hoarding, and fencing around the existing entrance to Literature Lane and the buildings located between 12 and 16 Little La Trobe Street
- Disconnecting services to buildings being demolished
- Demolition of the buildings between 12 and 16 Little La Trobe Street. Demolition of buildings will commence in January 2019
- Sewer relocation work will take place on Little La Trobe Street in January 2019. Impacted stakeholders will be notified of these works once further details are available.

For further information, please see the State Library Little La Trobe Street demolition works notification at [metro.tunnel.vic.gov.au](http://metro.tunnel.vic.gov.au).

### La Trobe Street site

Archaeological investigations are complete at the La Trobe Street site. Piling preparation works and piling is underway. This involves:

- Demolishing the basement of the former building located on Swanston Street using an excavator
- Demolishing archaeological footings using an excavator
- Establishing a piling platform, involving crushed rock deliveries and rock compaction
- Demobilising and delivering site facilities, a piling rig, crane, and other oversized equipment. Impacted stakeholders will be notified of oversized deliveries closer to the date

- Truck movements to deliver concrete, pile cages, and remove ground material
- Removing two trees from the La Trobe Street footpath, adjacent to the site, involving footpath closure and closure to the eastbound traffic lane on La Trobe Street (refer to map)
- Installing scaffolding along La Trobe Street, adjacent to the site, involving footpath closure (refer to map).

For more information about piling, please see the Piling Works at State Library fact sheet at [metro.tunnel.vic.gov.au](http://metro.tunnel.vic.gov.au).

### When

#### Day works

- 7am - 6pm, Monday to Fridays
- 7am - 1pm, Saturdays.

#### Out of hours works

- 1pm - 6pm, Saturday 15 December for tree removal from the La Trobe Street footpath
- 1pm - 6pm, Saturdays in January 2019 for scaffold installation along La Trobe Street
- 6pm - 10pm, Monday to Fridays for concrete pouring to facilitate piling works in the La Trobe Street and Franklin Street West sites (as required)
- 6pm - 10pm, Monday to Fridays for site establishment works at Franklin Street East laydown area (as required)
- 6pm - 7am, between Tuesday 11 December and Friday 14 December to install a new water connection at Franklin Street East laydown area
- 7am - 1pm Sunday 16 December, for a concrete pour in the Franklin East laydown area
- 10pm - 5am, intermittent deliveries of oversized equipment in accordance with relevant permits and approvals at all sites.
- 24/7, Monday to Sundays for works inside the Franklin Street East and A'Beckett Street acoustic sheds

### What to be aware of

#### Noise and equipment

- Some of these works will generate medium to high levels of noise. We will take measures to keep noise to a minimum
- Equipment to be used will include cranes, piling rigs, vacuum truck, excavators, trucks, saw cutters, jackhammers, drilling machines, generators, scissor lifts, bobcats, rollers, grinders, elevated work platforms, forklifts and hand tools (mechanical and non-mechanical)
- Trucks with broadband reversing alarms will enter and exit our sites to safely deliver and remove equipment and materials
- City West Water will notify stakeholders directly impacted by water outages for the Franklin Street East water connection works
- Dust mitigation measures include water carts, timber hoarding, and shade cloth protection.

### Traffic and pedestrian changes

- Following the completion of site establishment works at A'Beckett Street site, traffic arrangements will change with Stewart Street opening as a one-way street in a southbound direction, between Franklin and A'Beckett streets
- The eastern entrance to Literature Lane will be diverted, following the demolition of the building at 18 Little La Trobe Street and surface levelling works (refer to map)
- There will be stop-go pedestrian traffic control on Franklin Street adjacent to the Franklin Street East site to carry out lifting works safely during Franklin Street East site establishment works
- There will be intermittent stopping of traffic on Little La Trobe Street during sewer relocation works
- Footpath closures on Little La Trobe Street, adjacent to the demolition sites, will be in place
- The footpath adjacent to the La Trobe Street site, and one eastbound lane on La Trobe Street will be closed during tree removal on Saturday 15 December and Saturdays in January
- The footpath adjacent to the La Trobe Street site will be closed during scaffold installation on Saturdays in January between 7am and 6pm (refer to map)
- Traffic management will be in place to safely guide pedestrians, cyclists, and motorists around worksites.

### Geotechnical monitoring

Installation of geotechnical boreholes is required to allow for monitoring ground conditions during construction. Refer to map overleaf.

### What we are doing

- Locating services using hand held detection instruments
- Cutting road surface using a concrete corer
- Preparing drill holes using vacuum truck
- Drilling using a track mounted drill rig
- Installing instrumentation
- Backfilling and reinstating the road surface.

### When

- 1am - 5am, Sunday to Thursdays (ongoing)

### What to be aware of

- Equipment to be used will include a vacuum truck, drilling machine and hand tools (mechanical and non-mechanical)
- Borehole installation works will generate low to medium levels of noise
- Installation of boreholes on Swanston Street will take place between La Trobe and Franklin streets between 1am and 5am when the trams are not running. Access for pedestrians and cyclists will be maintained at all times.

### Groundwater monitoring

Groundwater monitoring works are required to allow for the monitoring and maintenance of groundwater conditions during construction.

## What we are doing

- Monitoring and testing of previously installed wells on Victoria, Franklin, Bouverie, and Therry streets on the road and footpaths
- Works to install and commission a groundwater monitoring system to allow for maintenance of groundwater conditions during construction are ongoing
- Road reinstatement works involving asphaltting, saw cutting, line marking, and readjusting traffic signals
- Well maintenance works will take place on Victoria Street

For further information about works in Bouverie, Franklin, Therry, and Victoria streets, please see the late November to mid-December groundwater monitoring update at [metrotunnel.vic.gov.au](http://metrotunnel.vic.gov.au)

## When

### Day works

- 7am – 6pm, Monday to Friday
- 7am – 1pm, Saturdays (if required)

### Out of hours groundwater monitoring works

- 7pm – 11pm, Sunday to Thursday (well located on Franklin Street eastbound lane, adjacent to Franklin Street West shaft site) for one night in December to January
- 7pm – 11pm, Sunday 9 December (well located on Therry Street)
- 5am – 7am, Monday 10 December (well located on Swanston Street footpath near Franklin Street)
- 5pm – 12am, Wednesday 5 December 2018 on Victoria Street, between Bouverie Street and RMIT Building 100
- 5pm – 6am, Sunday 16 to Tuesday 18 December 2018 on Victoria Street, between RMIT Building 100 and Swanston Street
- 7pm – 6am Sunday to Thursdays for well maintenance works on Victoria Street (ongoing)
- Where additional out of hour works are required, we will inform impacted stakeholder in advance of works commencing.

## What to be aware of

### Noise and equipment

- Equipment to be used will include vacuum truck, trucks, excavators, saw cutters, jackhammers, drilling machines, generators, generator, in-well pumps, compressors, hand tools (mechanical and non-mechanical)
- Groundwater monitoring system installation and road reinstatement works will generate medium to high levels of noise.

### Traffic and pedestrian changes

- Works to install and commission a groundwater monitoring system will require a combination of day and nightworks on the eastbound and westbound lanes of Victoria Street, and the northbound and southbound lanes of Bouverie

Street. Traffic will be maintained in both directions during these works. For further information, please see the Groundwater Monitoring Update November at [metrotunnel.vic.gov.au](http://metrotunnel.vic.gov.au)

- Lane closures will take place outside of peak traffic times (9.30am – 4.00pm and 7.00pm – 11pm) for monitoring and testing of groundwater wells located on the north and southbound lanes of Bouverie Street, the east and westbound lanes of Victoria Street, the eastbound lane and Keep Clear Zones on Franklin Street, and the median strip between Therry Street and Victoria Street.
- There will be intermittent closures of small parts of footpaths on Victoria, Franklin, Bouverie, and Therry streets during the day time to allow for monitoring and testing of groundwater wells
- Following works on Victoria Street, access to Bouverie Street via Victoria Street will open.

## We're taking a break

Please be advised that the Metro Tunnel Project will take a break from construction over the New Year period.

The last day of construction for 2018 will be Friday 21 December. Work will re-commence on Monday 7 January 2019.

During the closure period, the site will be secured with regular security patrols and measures put in place to minimise the spread of dust. This will include the use of a polymer spray to stabilise all ground surfaces.

Members of the project team will be on call during this time to directly respond to any issues that arise.

## More information

To find out more about the Metro Tunnel Project and register for future email updates:

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

 1800 105 105 (24 hours a day, 7 days a week)  
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It should be noted that this information is current at the time of printing, however due to unforeseen circumstances, changes may occur. Please visit [metrotunnel.vic.gov.au](http://metrotunnel.vic.gov.au) for the latest updates.