

Monthly construction update

Town Hall Station

September 2021

Major construction is continuing in the CBD at the site of the future Town Hall Station. This update provides an outline of current and upcoming works in your area in September 2021.

Construction snapshot

Construction works within the Town Hall Station precinct during September 2021 include:

- Roadheader tunnelling and demobilisation
- Underground platform construction
- Shaft construction works within the Flinders Quarter site
- Roof construction works within the Flinders Link site
- Bottom-up station build out works at City Square
- Service investigations on Swanston Street
- Sewer relining works on Finders Street.

Further information on these works can be found overleaf or at [metrotunnel.vic.gov.au](https://www.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

Roadheader tunnelling

City Square, Federation Square and Flinders Quarter sites

24-hours, Monday to Sunday, until early October



- Works to excavate the platform rail tunnels using roadheaders will continue throughout September
- The platform rail tunnels are located on either side of the central cavern (tunnel) and are a key feature of the station's trinocular design which features three overlapping tunnels, integrating the platforms and concourse on a single level
- This involves excavating using excavators and roadheaders, rock bolting, and shotcreting (spraying concrete)
- There will be regular truck movements to deliver concrete and remove excavated material from the acoustic sheds
- These works are expected to generate low levels of noise and vibration.

Roadheader demobilisation works

City Square, Federation Square and Flinders Quarter sites

10pm – 6am, Monday to Sunday for up to 10 non-consecutive nights in late September and early October



- Following the completion of roadheader tunnelling, works will commence to demobilise the two remaining roadheaders via the Federation Square site using a mobile crane
- Roadheaders will be dismantled and removed from the Federation Square site via Flinders Street on oversized trucks for up to 5 nights per roadheader (10 non-consecutive nights) during late September and early October
- Flinders Street westbound lanes between Russell Street and Princes Bridge will be closed to motorists between 10pm and 6am during these works
- These works are expected to generate low levels of noise
- Motorists will be directed to detours via traffic management and signage during these works.

Underground platform construction

City Square, Federation Square and Flinders Quarter sites

24-hours, Monday to Sunday, ongoing



- Works to construct the underground station platform are continuing in the Town Hall Station precinct
- These works involve the installation of waterproofing materials, steel, and concrete within the central cavern

- There will be regular truck movements to deliver steel and concrete to the acoustic sheds
- These works are expected to generate low levels of noise and vibration.

Station build-out works

City Square site

24-hours, Monday to Sunday ongoing



- Works will continue to build the slabs, walls, and columns within the City Square shaft
- These works involve the installation of waterproofing materials, steel, and concrete
- There will be regular truck movements to deliver steel and concrete to the acoustic shed
- These works are expected to generate low levels of noise and vibration.

Shaft construction

Flinders Quarter site

Excavation

Until mid-September

7am to 10pm, Monday to Friday,

7am to 1pm, Saturdays

8am to 6pm, Sundays

Excavation

Ongoing from mid-September

7am to 12am, Monday to Friday

7am to 6pm Saturdays

8am to 6pm, Sundays

Concrete pours

7am to 12am, Monday to Fridays (as required)

Concrete finishing works

6pm to 7am, Monday to Saturdays

(as required)



- Shaft excavation involves the use of excavators, a tower crane, and trucks to remove excavated material from the site
- In early September excavators with hammer attachments will conclude by 9pm, and excavators with bucket attachments will conclude by 10pm on weekdays.
- From mid-September excavators with hammer and bucket attachments will conclude by midnight on weekdays, and 6pm on weekends.
- These works will take place underneath the groundfloor slab at basement 3 level, and are expected to generate medium levels of noise and vibration
- Plunge columns underneath the groundfloor slab will continue to be removed using oxy cutters, these works are expected to generate intermittent periods of low level of noise and vibration
- Construction of the shaft floors, walls and columns involves steel fixing, waterproofing, installing formwork and concrete pours

- Steel fixing, waterproofing and formwork installation works will continue underneath the ground floor slab until 10pm on weekdays and between 8am and 4pm on Sundays. These works involve the use of hand tools, diesel generators, power tools, a telehandler, and a tower crane, and are expected to generate low levels of noise
- Concrete pours must be continuous to ensure structural integrity and therefore may occasionally continue outside of standard construction hours
- Concrete pours and concrete finishing works involve regular deliveries, and the use of concrete trucks, concrete pumps, concrete vibrators, diesel generators and diesel-powered concrete finishing equipment
- Concrete pours are expected to generate medium levels of noise and vibration, and concrete finishing works are expected to generate low levels of noise and vibration
- The use of a tower crane may generate intermittent periods of medium levels of noise
- Where possible, every effort will be made to undertake concrete pours during standard construction hours to minimise disruption to surrounding properties.

Excavated material removal

Flinders Quarter site

5am to 12am, Monday to Sunday, ongoing



- The removal of excavated material from excavation and tunnelling works requires the use of trucks, excavators, and a tower crane
- Trucks will access the Flinders Quarter site via the Swanston Street driveway and egress via the Flinders Street driveway
- These works are expected to generate low levels of noise, intermittent periods of medium noise may be generated when using the tower crane.

Oversize deliveries

Flinders Quarter site

10pm to 7am, throughout September



- Oversize trucks with deliveries will continue to access the Flinders Quarter site via the Swanston Street driveway
- Due to road permit requirements, large plant will occasionally be delivered and demobilised from the site outside of standard construction hours
- Oversize deliveries require the use of semi-trailers, trucks, and a tower crane and are expected to generate low to medium levels of noise
- Directly impacted stakeholders will be provided more information prior to deliveries taking place outside of standard construction hours.

Flinders Link pedestrian connection construction

Flinders Street site

7am to 6pm, Monday to Friday, and 7am to 1pm, Saturdays, ongoing



- Works to construct the future underground pedestrian connection within the Flinders Street site will continue throughout September
- These works will involve steel fixing, installing formwork and concrete pours and water proofing for the construction of the roof within the shaft
- These works are expected to generate low to medium levels of noise and vibration.

Sewer relining works

Flinders Street

7am to 6pm, up to five nights from 13 September



- Service investigations and the relocation of two service pits will take place on Swanston Street between Collins Street and Flinders Lane in early September
- Works will also take place to remove two tram shelters and Myki ticket reader
- These works will include the use of a non-destructive digging (NDD) truck, power tools and hand tools to remove tram shelters, Myki reader, sections of the pavement and locate underground services
- These works are expected to generate medium to high levels of noise
- Traffic management will be in place to safely guide pedestrians around the works areas.

Service investigations and tram shelter removal

Swanston Street

7am to 6pm for 5 days from 6 September



- Service investigations and the relocation of two service pits will take place on Swanston Street between Collins Street and Flinders Lane in early September
- Works will also take place to remove two tram shelters and Myki ticket reader
- These works will include the use of a non-destructive digging (NDD) truck, power tools and hand tools to remove tram shelters, Myki reader, sections of the pavement and locate underground services
- These works are expected to generate medium to high levels of noise
- Traffic management will be in place to safely guide pedestrians around the works areas.

Gantry modification works

Swanston Street

10pm to 6am, from 3 October to 15 October



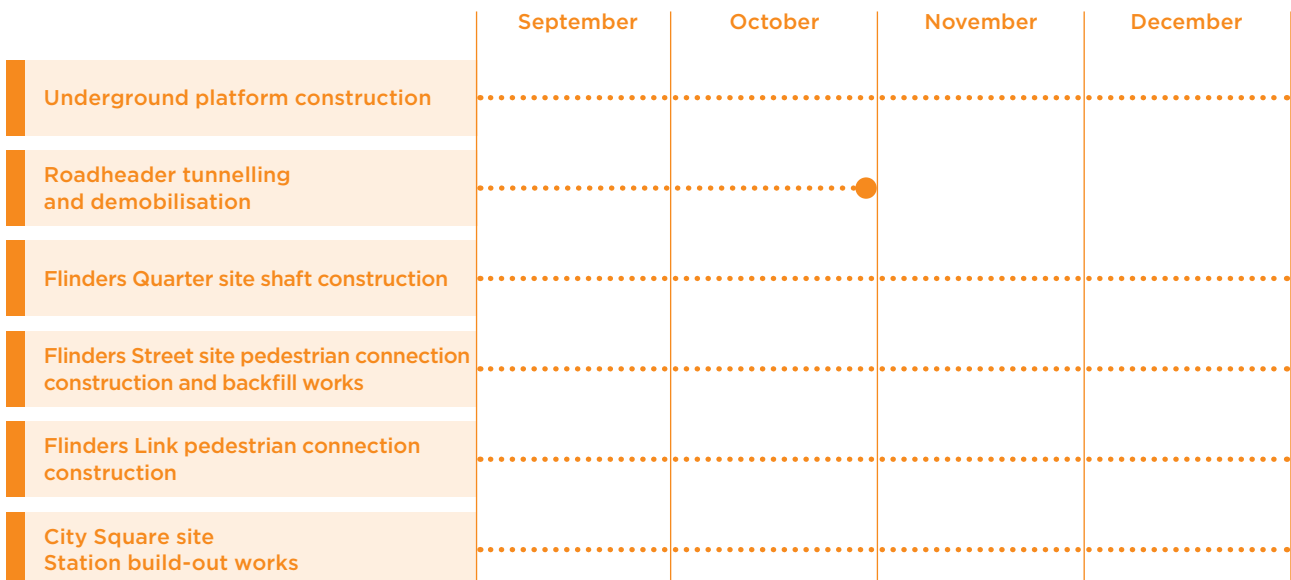
- Works will take place to make modifications to the gantry above the footpath outside the Flinders Quarter site from early October
- Work will include the use of a mobile crane and hand tools and occasional tower crane use

- These works are expected to generate medium levels of noise with some periods of high level noise
- The Swanston Street western footpath outside the site between Young and Jackson and The Nicholas Building will be closed to pedestrians during this time
- Pedestrians will be detoured to the Swanston Street eastern footpath.



Indicative only

Look ahead for 2021



Program is indicative and subject to change

Traffic and transport impacts

- Flinders Street westbound lanes between Elizabeth and Swanston streets will be closed to motorists between 10pm to 5am for up to five nights in September to undertake sewer relining works
- Flinders Street westbound lanes between Russell Street and Princes Bridge will be closed to motorists between 10pm and 5am for up to 10 nights (two blocks of up to 5 nights) in late September and early October for roadheader demobilisation
- The Swanston Street western footpath between Young and Jackson and The Nicholas Building will be closed to pedestrians from 10pm to 6am for up to 10 nights from 3 October to undertake gantry modification works.

Ongoing

- Ongoing closure of Flinders Street eastbound lanes between Swanston and Elizabeth streets
- Ongoing long-term closure of the southern footpath on Flinders Street adjacent to the Federation Square site, with pedestrian

- diversions in place through Federation Square
- Closure of the left turning lane from St Kilda Road to Flinders Street
- Temporary closure of the Flinders Street north-south pedestrian crossing between St Paul's Cathedral and Federation Square
- Temporary holding of traffic on Flinders Lane, Swanston, and Collins's streets for up to three minutes to enable the delivery of equipment and materials
- Ongoing use of boom gate and swing gate controls to pedestrian and cyclist traffic on Flinders, Swanston, and Collins streets to facilitate safe truck ingress and egress
- Intermittent slowing and stopping of traffic on Collins Street between Russell and Swanston streets for deliveries to the City Square site
- Intermittent stopping of pedestrians on the corner of Swanston Street and Flinders Lane for the egress of construction vehicles
- Concrete trucks will intermittently park in the loading bay on Collins Street, adjacent to the City Square site for up to 30 minutes to enable concrete testing to take place.

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

 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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