

Monthly construction update

Town Hall Station

June 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 June 2021.

Construction snapshot

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

- Roadheader tunnelling
- Underground platform construction
- Shaft construction works within the Flinders Quarter site
- Service investigations on Swanston Street
- Campbell Arcade connection works.

Further information on these works can be found overleaf or at 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.

Health and safety

Metro Tunnel works are progressing safely under the current circuit breaker coronavirus (COVID-19) restrictions in Victoria.

Construction is an authorised industry and COVIDsafe Plans are in place on all our project sites.

The health and safety of our workforce and community is our top priority.

Workers on all of Victoria's Big Build sites are currently required to wear face masks unless they meet any of the criteria for exception – such as a medical condition or to meet Occupational Health and Safety guidelines.

Physical distancing measures are in place, as well as increased hygiene practices.

For more information and advice about the coronavirus (COVID-19), please visit <http://coronavirus.vic.gov.au>.

Works in your area

Roadheader tunnelling

City Square, Federation Square and Flinders Quarter sites

24-hours, Monday to Sunday, ongoing



- Works to excavate the platform rail tunnels using roadheaders will continue throughout June
- 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
- Oversized trucks will demobilise a roadheader from the City Square acoustic shed between 10pm and 5am in mid-June
- These works are expected to generate low levels of noise and vibration.

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

7am to 10pm, Monday to Friday,
7am to 1pm, Saturdays and
8am to 4pm, Sundays, ongoing



Concrete pours

7am to 12am, Monday to Friday (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
- Excavators with hammer attachments will conclude by 9pm, and excavators with bucket attachments will conclude by 10pm on weekdays. These works will take place underneath the groundfloor slab and are expected to generate medium levels of noise and vibration
- Plunge columns underneath the groundfloor slab will continue to be removed using jackhammers, these works are expected to generate intermittent periods of medium levels 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.



Indicative only

Excavated material removal

Flinders Quarter site

6:30am to 10pm, 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

5am to 7am, Monday to Saturday and 6pm to 10pm, Monday to Friday, ongoing



Deliveries for tunnelling works

10pm to 5am, throughout June 2021

- 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 trucks will mobilise equipment used for shaft construction works to the Flinders Quarter site between 10pm and 5am as required during June

- 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.

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 June
- These works will involve steel fixing, installing formwork and concrete pours for the construction of the roof and walls within the shaft
- These works are expected to generate low to medium levels of noise and vibration.

Roller door installation works

Flinders Street

6pm to 12am, up to five nights in early June 2021



- The Flinders Street northern footpath between Degraves and Swanston streets reopened to pedestrians in April 2021
- Remaining works include the installation of a roller door adjacent to the Flinders Quarter site on Flinders Street
- These works will include the use of a mobile crane, elevated works platform and hand tools and are expected to generate low levels of noise. During these works the footpath will be closed to pedestrians
- There will be intermittent delays to pedestrians using the footpath when trucks egress the Flinders Quarter site
- Traffic management will be in place to direct pedestrians around the work area.

Campbell Arcade connection works

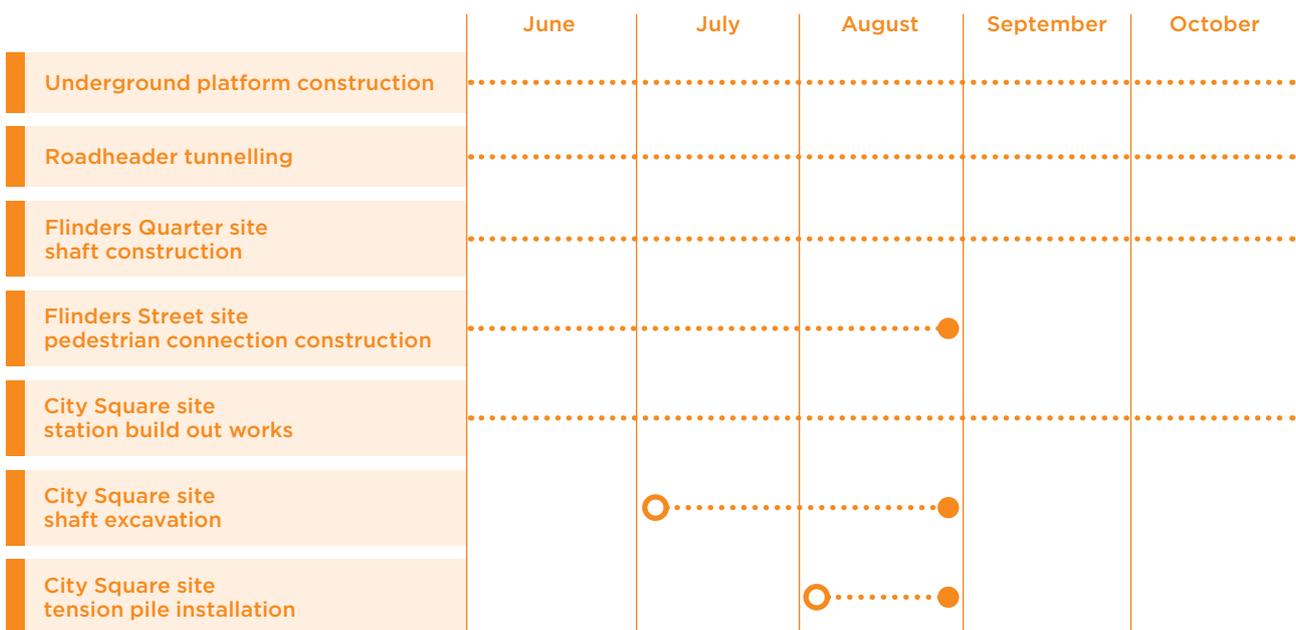
Flinders Street site to Campbell Arcade

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



- Necessary permits and exemptions to undertake works within Campbell Arcade have been received, enabling works to connect the Flinders Street site to the existing Campbell Arcade to take place
- Works taking place throughout June will include cutting a section of wall between the Campbell Arcade plant room and the Flinders Street site
- These works will include the use of elevated work platforms, excavators with hammer attachments, a wall saw and hand tools
- Intermittent periods of high noise may be generated when saw-cutting the perimeter of the wall between the Campbell Arcade plant room and the Flinders Street site, this is now expected to take place in early June for up to two weeks
- Pedestrian access to Campbell Arcade will be maintained during these works
- The legacy design of Campbell Arcade continues to be progressed and discussed with key stakeholders. Further information will be available in the coming months.

Look ahead for 2021



Indicative only

Sewer relining works

Flinders Street

10pm to 5am, for up to five nights in June 2021



- Sewer relining works will take place on Flinders Street for up to five nights in June (refer to map)
- These works will require the use of a non-destructive digging truck, a lining flatbed truck, a CCTV truck, hand tools and light towers
- During these works Flinders Street westbound lanes between Elizabeth and Swanston streets will be closed to motorists
- These works are expected to generate low to medium levels of noise
- Directly impacted stakeholders will be provided more information prior to these works commencing
- Traffic management will be in place to direct pedestrians, cyclists, and motorists around the work areas.

Service investigations

Swanston Street

10pm to 5am, up to three nights in June 2021



- Service investigations will take place on Swanston Street between Collins Street and Flinders Lane in June
- These works will include the use of a non-destructive digging (NDD) truck, power tools and hand tools to remove sections of the pavement and locate underground services
- These works are expected to generate medium to high levels of noise, noisier works will be undertaken earlier in the shift where possible
- Traffic management will be in place to safely guide pedestrians around the works areas.

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 June to undertake sewer relining 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's 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.

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.