

Construction update

Parkville precinct

October – November 2021

Major works on the Metro Tunnel are continuing in Parkville to build the new underground station. This update provides an outline of current and upcoming works in your area throughout October and November.

Construction snapshot

Construction is continuing within the Parkville Precinct during October and November and will include:

- Station construction at the Grattan Street east site
- Construction of the chiller plant and eastern and western tunnel ventilation shafts (TVS), including works within University Square Car Park
- Grattan Street west station entrance construction
- Construction of the Royal Parade underpass
- Gantry crane removal.

Some works outlined in this construction update extend beyond November 2021 to provide a longer-term lookahead.

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.

Works in your area

Station construction activities

Grattan Street east Ongoing



- During October, the hoarding in the northwest corner of site will be extended around two metres to the north until mid-December to enable escalator footing construction. Ramps will be constructed to maintain pedestrian access via a shared section of road. Signage and traffic control will be in place as required around the work area
- Construction of architectural elements, platforms, internal walls, columns, station levels and roof
- Installation of services and facilities
- Works will include steel fixing, installation of formwork and waterproofing membrane, concrete pours, steel structure erection and daily deliveries of plant and material
- Installation of precast concrete over-track exhaust (OTE) units using telehandlers and hand tools
- Roof slab construction will also involve the removal of the temporary deck, strut removal (where applicable) and backfilling for site access
- Staged pile removal to connect station areas to the station box. This may be completed at night
- The capping beam that connects the top of the piles that form the perimeter of the station box will be removed in stages from late November. Further information will be provided in advance of works occurring
- Concrete pours may be undertaken 24 hours a day, Monday to Saturday. This includes the arrival of concrete trucks to site
- Pile removal may generate periods of medium to high-level noise. Other activities are expected to generate low to medium-level noise.

Eastern tunnel ventilation shaft (TVS) and goods lift construction

Grattan Street east, University Square Car Park Ongoing



- Construction activities include steel fixing, installation of formwork, waterproofing membrane and carbon fibre strengthening material, and pouring concrete within the station box and University Square Car Park
- Works within the University Square Car Park will involve modification of part of the car park structure on level B1 and construction of the TVS in the northeast corner of the car park
- Works in the University Square Car Park require the occupation of parking spaces in the northeast corner of the car park
- Access to the University Square Car Park lifts, entrances and emergency exits will be

maintained at all times. Some works within the University Square Car Park may be completed at night to minimise impact to car park users

- Service relocations and excavation for the goods lift will commence in late 2021
- Car park structure modification may generate periods of medium to high-level noise. Other activities are expected to generate low to medium-level noise.

Western TVS and chiller plant construction

Grattan Street east Ongoing



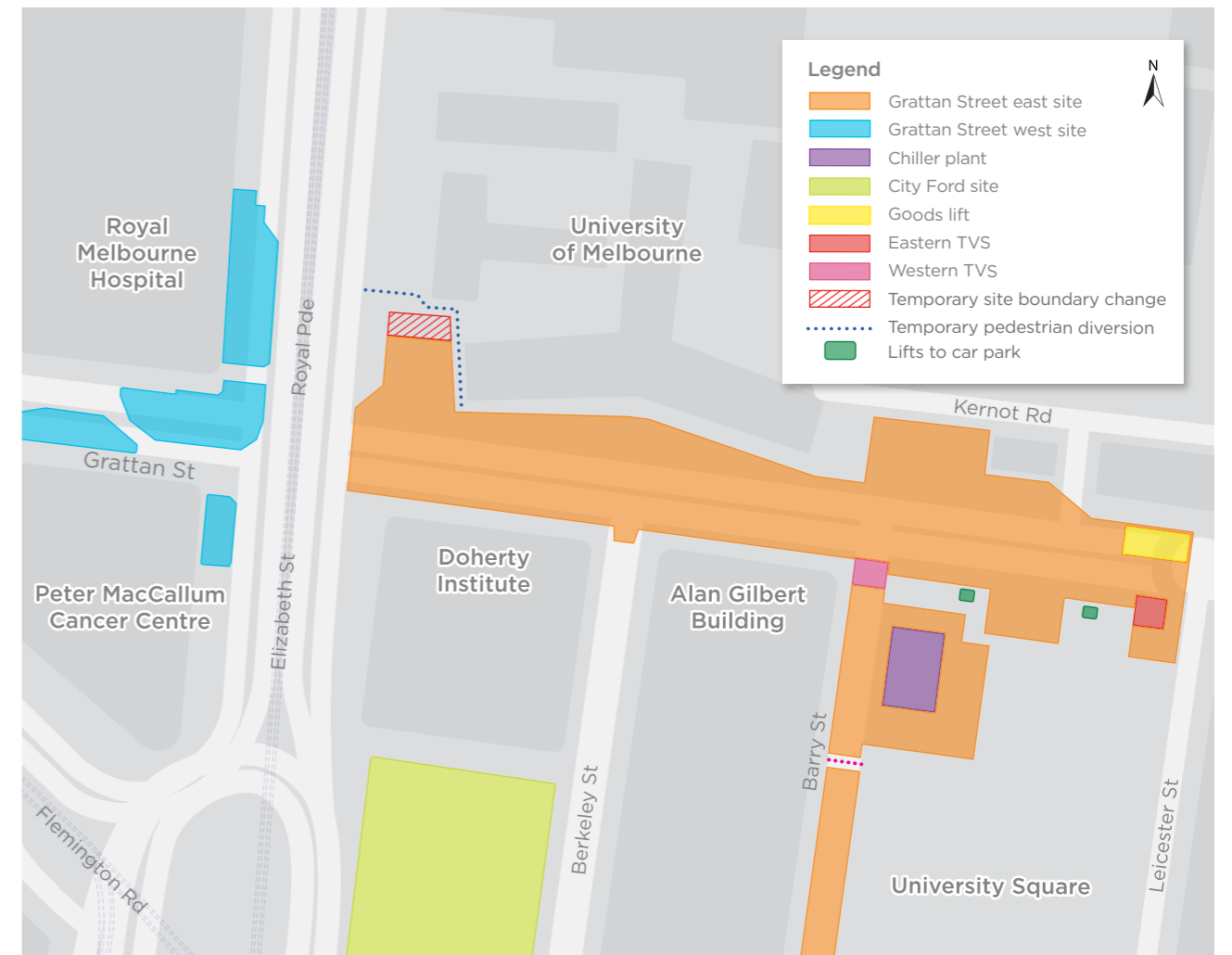
- Construction activities within the Grattan Street east site include excavation and structure works involving steel fixing, installation of formwork, waterproofing membrane and carbon fibre strengthening material, and concrete pours
- Works to install carbon fibre strengthening material within the northwest corner of level B1 in University Square Car Park will involve the temporary occupation of parking spaces
- Access to the University Square Car Park lifts, entrances and emergency exits will be maintained at all times. Some works within the University Square Car Park may be completed at night to minimise impact to car park users
- These works are expected to generate periods of medium to high-level noise, depending on the activity.

Royal Parade pedestrian underpass construction

Grattan Street east Ongoing



- The Royal Parade pedestrian underpass will provide the underground connection from the western station entrances on Grattan Street to the new Parkville Station
- Preparatory works are ongoing and involve mobilisation of plant and equipment including a roadheader. Some oversized deliveries will occur at night and will involve the overnight closure of the southbound service lane on Royal Parade, adjacent to the Grattan Street east site, and brief holds of traffic while large trucks enter site via the Royal Parade gates and equipment is unloaded
- From October, construction will involve installing rows of canopy tubes using a drill rig and grout, and excavating beneath them with a roadheader
- Works will occur from within the station box, at the western end near Royal Parade, and progress towards the Grattan Street west station entrance site
- Construction of the underpass is expected to generate low levels of noise
- Intermittent service proving, including non-destructive digging (NDD), may be required



Indicative only

- on Royal Parade. This may generate periods of medium to high-level noise
- More information about the Royal Parade pedestrian underpass can be found at metrotunnel.vic.gov.au.

Gantry crane removal

Grattan Street east From mid-October 2021



- From mid-October, the eastern and middle gantry cranes will be dismantled and removed from site. The west gantry crane will be removed in early 2022
- Works will involve the use of large mobile cranes and hand tools (including rattle guns) to dismantle crane elements and lower them to ground level and onto trucks. Some works, including removal of oversized loads, will occur at night
- Once the cranes have been removed, sections of gantry crane rail will be removed from late November 2021. Further information will be provided in advance of works occurring

- Gantry crane removal works are expected to generate low to medium-level noise.

Site operation activities

Grattan Street east and City Ford Ongoing



- Gantry cranes will be used to deliver and remove material, plant and equipment to and from the station box
- During operation, the gantry cranes will move along the site on rails at a speed of around 1.8 km/h and make a noise similar to the reversing squawkers on trucks for safety reasons
- Trucks may use the Royal Parade, Berkeley and Barry streets, Royal Parade and eastern entrances to enter and exit the site depending on the work activity
- At times, trucks will need to reverse into and within the site. All trucks will be fitted with broadband reversing squawkers
- Ongoing deliveries of plant and material. Some equipment will be delivered out of hours to comply with VicRoads requirements for oversize vehicles.

Station entrance construction

Grattan Street west (between Royal Parade and Flemington Road)

Ongoing until late 2022



- Excavation to base slab level is ongoing. Once excavation is complete, permanent structure works will continue

This includes steel fixing, installing formwork and waterproofing membrane, and pouring concrete

- Access for emergency services, hospitals and businesses, including to the Peter MacCallum Cancer Centre loading bays and pick up/drop off on Elizabeth Street, will be maintained.

Look ahead for 2021 - 2022

	October	November	December	January 2022
Grattan Street east Station construction activities				
Grattan Street east TVS east and goods lift construction				
Grattan Street east TVS west and chiller plant construction				
Grattan Street east Royal Parade underpass construction				
Grattan Street east Gantry crane removal				
Grattan Street west Station entrance construction				

Indicative only

Health and safety

Works will resume safely from Tuesday 5 October on the Metro Tunnel Project with COVIDSafe plans in place to help protect workers and the community. Strict processes are in place to check and record the vaccination status of workers entering construction sites.

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

Business support

While the new **Parkville 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 offer in this notification from **Scholar & Co.** located at **757 Swanston Street, Parkville 3052**.

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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