

Monthly construction update

Domain Precinct

August 2021

Major construction is continuing in Domain at the site of the future Anzac Station. This update provides an outline of current and upcoming works in your area.

Last month, the first section of D-wall that separates the tram interchange and station box was demolished. This first 'pocket' demolition has created enough space for the team to construct a support column, before the removal of further 'pockets' of D-wall followed by construction of more support columns. Eventually, when each of the support columns is installed, this entire D-wall will be removed, creating the large concourse level of the future station.

Elsewhere in the tram interchange area, the falsework deck for the first roof slab pour continues to take shape, while the team continues to construct lining walls for this entrance.

In addition to the pocket demolition, the temporary D-wall that once separated the north and south station boxes has been removed. Now that this temporary D-wall is gone, the station box is whole for the first time.

In the northern end of the station box, works continue on constructing the concourse slab, as well as core walls that will eventually form lift shafts and stairwells in the station. The large red struts that once supported the station box also continue to be removed piece by piece from site, now that the concourse slab is to a stage where it is strong enough to act as this support.

Construction snapshot

Construction works are continuing within the Domain precinct during August and will include:

- Station box construction
- Station build and fitout
- D-wall demolition
- Anzac Station entrance – tram interchange
- Cross passage construction
- Tunnelling support site demobilisation.

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 box construction

Southern and northern station box site

Ongoing



- In the southern end of the station box, works to construct the base slab continue
- Concrete blinding and waterproofing will occur prior to the base slab steelfixing
- The large crane on surface may be required until 10pm on some nights to feed steel down to the teams working on the base slab
- These works are expected to generate low to medium levels of noise underneath the roof slab
- Large concrete pours will be required to construct these next sections of base slab
- To ensure structural integrity, concrete pours must be continuous and therefore may need to continue outside of normal construction hours
- On the concourse level of the south box, vertical walls of the permanent station structure continue to be built. These walls require falsework, steelfixing and concrete pours to complete
- The remainder of the temporary D-wall and excavation that sits between the north and south station boxes will be removed through August and into September
- In the north box (under the acoustic shed) works continue to construct the concourse level of the station
- Additional to this, work to construct columns and core walls from concourse level to roof level will begin in August
- This will require installing falsework, steelfixing and large concrete pours
- Some steelfixing may be required overnight, but is contained within the acoustic shed and unlikely to generate noise
- Once the next large section of concourse slab is poured, work to remove the large red support struts from the station box will recommence.

Station build and fitout

South box concourse level

August ongoing



- The first stages of building fitout works for the Anzac Station have now commenced
- In August, blockwork will be installed to create internal walls for back-of-house rooms and corridors at concourse level
- In addition to this, dust-proof sealer and acoustic lining walls will begin to be installed
- While there may be some additional deliveries of materials to site for the fitout works, the activity will be occurring beneath the roof slab

- In addition to this work in the south box, mechanical, electrical and plumbing works commence in the northern end of the station box, and shrine entrance, with cast-in works beginning.

D-wall demolition

Wall separating the tram interchange and the north box

Ongoing until late 2021



- The first small section of D-wall that separates the tram interchange and the north box has now been removed
- A support column will be constructed to allow the demolition works along the D-wall to progress. This column will be poured in early-mid August
- The column will be left to cure and the next sections of D-wall will begin to be broken out in mid-August
- This will involve saw cutting and demolishing sections of the north box D-wall using excavators with hammers
- The D-wall demolition works will generate periods of high-level noise during daytime work hours
- As the D-wall is broken out, excavated material will be loaded into bins at the base of the tram interchange and then transferred via crane into trucks. The loading of concrete into trucks will also generate high levels of noise during the day
- The D-wall demolition will be ongoing intermittently until late 2021
- Once complete, the concourse level between the tram interchange, the north box and the Shrine entrance will be connected.

Anzac Station entrance – tram interchange

North west of construction site

Ongoing



- The falsework deck and steelfixing for the roof slab will continue at the northern end of the tram interchange site
- Steelfixing may be required up until 10pm on some nights during August. Steelfixing is mostly completed by hand and is a low noise activity
- The second roof slab pour will be completed in mid-August
- Concrete pours will generally be completed during normal work hours. However, they may sometimes run out of hours, as pours must be continuous to ensure structural integrity
- Towards the end of August, the installation of precast oculus wall will commence.

Cross passage construction

Within the completed tunnels and station box

Ongoing





Indicative only

- Construction has commenced on two of the six cross passages in the tunnels between Anzac Station and Town Hall Station
- A cross passage is a short tunnel that connects the two parallel tunnels. These passages are an important safety feature that allow people (including emergency services) to move from one tunnel to the other
- To construct a cross passage, temporary work platforms are installed in the tunnels along with support bracing. Then the tunnel ring is sawcut and broken out before a small excavator digs the cross passage between the two tunnels
- As excavation progresses, shotcrete is sprayed on the excavated area for support
- Once the cross passage is fully excavated, waterproofing and permanent concrete lining is installed to finish the connection
- Excavated material will be driven from cross passage sites through the tunnels and removed from the Anzac Station site by trucks

- Cross passage construction will not generate any noise or vibration impacts for residents in the Domain precinct.

Tunnelling support site demobilisation

Edmund Herring Oval

Ongoing



- At the tunnelling support site, works continue on cleaning and demobilising the slurry treatment plant that processed material removed by the TBMs
- The slurry treatment plant has now been decommissioned
- Concrete elements including muck bays and filter press walls will be demolished
- Demolition works will generate periods of high-level noise
- Conveyors and tanks will be dismantled on site
- While the demobilisation works will occur during normal construction hours, it is possible that occasional out of hours deliveries may be required to deliver or remove oversized equipment from Edmund Herring Oval.

Look ahead for 2021

	August	September	October
TBM retrieval and tunnelling support site demobilisation			
Station box Concourse level construction			
Tram interchange construction			
Station box base slab construction - southern end			
Station box strut removal - northern end		●	
D-wall demolition - tram interchange/station box			
Station build and fitout	○		
Cross passage construction	○		

Business support

While the new Anzac 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 **The Crux & Co.** located at **1/35 Albert Road, Melbourne VIC 3004.**

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

Health and safety

Works on the Metro Tunnel project are progressing with strict COVIDSafe plans in place.

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

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

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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