

Monthly Construction Update

Domain Precinct

September 2020

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.

Construction snapshot

The Project is approaching an exciting milestone with the completion of the 1.7 kilometre tunnelling journey between Domain and South Yarra expected later in September. The team now turn their focus to retrieval and reassembly of the tunnel boring machines (TBMs), Millie and Alice, for relaunch in 2021.

With the southern station box sections now connected by excavation beneath the roof slab, concourse level construction will take place until mid-2021. Meanwhile, excavation of the station entrance from the Shrine of Remembrance will commence in September.

Some works outlined in this notification extend beyond September to provide a longer term lookahead.

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

- Tunnelling and TBM retrieval
 - TBM Millie and TBM Alice
- Tunnelling support site
- South box construction
- TBM relaunch preparatory works
- Anzac Station entrance
 - Shrine of Remembrance
- Oversized transport.

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

Tunnelling and TBM retrieval - TBM Millie and TBM Alice

Between Toorak Road and the Eastern Portal, South Yarra

Until mid-November



- At the time of publication, TBM Millie has progressed 1.38 kilometres and TBM Alice has progressed 1.13 kilometres towards the Eastern Portal, South Yarra
- Millie is expected to break through at the Eastern Portal late in September. Alice remains a few weeks behind Millie in the journey to South Yarra
- The TBMs will have laid over 2000 rings comprised of pre-cast concrete segments at the end of their tunnelling journey
- Upon breakthrough, the TBMs will be disassembled and transported back to Domain, with 20 parts coming back above ground and 16 being pulled back through the completed tunnel. They will be reassembled in the Anzac Station box for relaunch to the CBD in 2021
- All residents and businesses directly above or adjacent to the tunnelling route have now been notified separately before the TBMs pass underneath their property
- Track the progress of all the TBMs on the Metro Tunnel Project here: <https://metrotunnel.vic.gov.au/> (indicative only). For specific information regarding the location of a TBM please get in touch with the project team on 1800 105 105.

Tunnelling support site

Edmund Herring Oval and north box site

Until October, recommencing in 2021



- The TBM support site at Edmund Herring Oval continues to operate 24/7 to support tunnelling operations
- With both TBMs progressing, the support site is functioning at capacity to manage the excavated soil that travels from the underground TBMs to the treatment plant
- Trucks removing excavated soil from the site will continue to use the primary route of Dallas Brooks Drive, Birdwood Avenue and Linlithgow Avenue (see map). Soil removal is continuing overnight whilst the TBM's tunnel 24/7
- Works will continue inside the acoustic shed 24/7 and deliveries of concrete tunnel segments will arrive at site regularly via St Kilda Road as the TBMs move forward lining the tunnels.

South box construction

Southern station box site

September onwards



- Excavation of the station box to concourse level is close to completion with the team breaking through the temporary diaphragm walls (D-walls) between the middle and south box, connecting the two sections to form the southern station box
- At times, excavation works underneath the concrete roof slab will continue up until 10pm, Monday to Friday and 6pm on Saturdays. The project team will minimise extended activities as much as possible
- The final section of the concrete roof slab will be poured in September, completing the Anzac Station roof
- Through the voids left in the roof slab, construction at concourse level will begin in the south box. Formwork, steel reinforcement and concrete pours will take place beneath the roof until mid-2021 to construct the concourse level slab
- A crawler crane has now arrived to site, which will be used throughout concourse level construction
- Medium levels of noise are expected, with intermittent periods of high-level noise associated with hydro-demolition and cutting of concrete, primarily beneath the roof slab
- Additionally, to ensure structural integrity, concrete pours must be continuous and therefore may need to continue outside of normal construction hours.

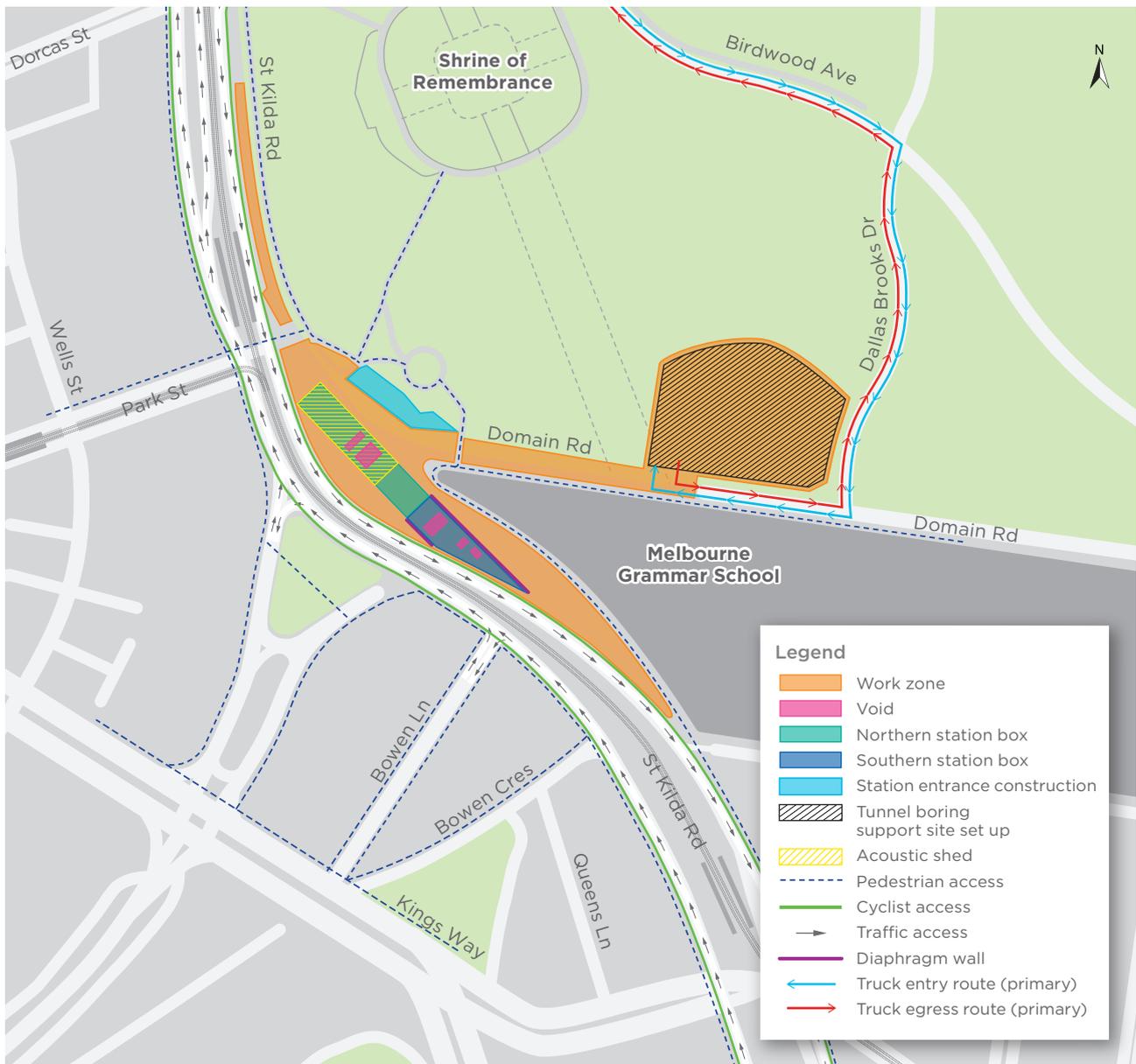
TBM relaunch preparatory works

North box acoustic shed

Until early 2021



- The major concrete pour for the north headwall was completed in August. The wall is being constructed at the northern face of the Anzac Station box, where TBMs will connect for relaunch towards the CBD in the first half of 2021
- In September, the TBM team will begin relaunch preparatory works in the north box. This includes installation of break-in seals and the next phase of shifting slab removal
- A telehandler, forklift, elevating work platform and trucks removing concrete will be on site to complete the works
- The works are expected to generate low levels of noise.



Indicative only

Anzac Station entrance - Shrine of Remembrance

North east of construction site

September onwards



- Stage one piling at the station's first entrance was completed in August. Tension piles and continuous flight auger (CFA) piles were installed adjacent to the acoustic shed
- In September, excavation of the station entrance will commence. Installation of ground anchors, formwork, steel reinforcements and concrete pours will be used to support the 10 metre excavation, which will be ongoing until November
- Excavators, trucks with trailers, a hydraulic pile cropper and other machinery and equipment will be used to complete the works
- Medium levels of noise are expected, with intermittent periods of high-level noise associated with the breakout of piles.

Oversized transport

St Kilda Road and Edmund Herring Oval

Between 1am and 5am, September onwards



- During September oversized equipment, including TBM parts, will be taken to and from site during the early morning. This equipment needs to be transported at this time to minimise impacts on road and tram networks
- Deliveries will be made via St Kilda Road between 1am - 5am. Deliveries to site will not be unloaded until after 7am. Any removals from site will be pre-loaded and driven straight from site.

Look ahead for 2020



Health and safety

The Metro Tunnel Project is a critical state infrastructure project under Stage 4 restrictions, allowing work to continue with strict health and safety measures in place.

The health and safety of our workers and the community is our key priority and we have measures in place to protect the safety of our construction workforce, including temperature screening, additional protective equipment including masks, daily health screening of workers, enhanced cleaning, staggered shifts and break times, and physical distancing. Our workforce numbers across Victoria's Big Build have already been significantly reduced to support directions from the Chief Health Officer, and we are continuing to manage the number of staff and visitors attending our worksites.

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

Business support

Now more than ever, local businesses near our construction sites need your support.

In these uncertain times, businesses are doing it tough. Where possible and in line with Government advice, please continue to shop local.

Keeping you informed

To help support the Victorian Government's stage 4 coronavirus (COVID-19) restrictions while still making sure people know what's happening in their area, we've temporarily changed the way we'll notify you about upcoming works. We are using the following channels instead of hand delivering information into your letterbox at this time.

Please sign up to our email updates via the Metro Tunnel Project website www.metrotunnel.vic.gov.au so we can continue to keep you informed about works in your area.

Traffic and transport impacts

- Regular 24/7 truck activity in the Domain precinct will drop off with the completion of tunneling in late September/early October. Soil trucks and TBM segment deliveries wont resume until the TBMs are relaunched in 2021
- Oversized deliveries, including TBM parts, will be arriving to site between 1am and 5am. To keep up to date with the current schedule of oversized TBM parts being delivered back to Anzac Station and associated road closures visit metrotunnel.vic.gov.au/construction/domain/st-kilda-road-changes

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.