

Monthly construction update

South Yarra

APRIL 2021

Works to construct the Metro Tunnel's eastern entrance in South Yarra are progressing. This update provides an outline of current and upcoming works in your area throughout April.

Construction snapshot

In April, works within the South Yarra precinct will include:

- Drainage and excavation works within the Siding Reserve
- Installing underground services, lighting, pavement and fencing
- Installing screens on the William Street bridge
- Preparation works to install a boundary fence for the Communications Equipment Room and Signalling Equipment Room (CER/SER)
- Constructing the substation retaining walls and break-back of piles in the Siding Reserve
- Undertaking one weekend of 24-hour rail works between South Yarra and Caulfield stations
- Constructing cross passages within the tunnel.

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, and 7am to 1pm, Saturdays.

Some activities may be required to continue slightly past these hours. All efforts will be made to complete activities as scheduled.



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

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 coronavirus.vic.gov.au.

Changes to normal construction hours

Due to COVID-19 we are ensuring social distancing on site. The project will now be running two pre-start meetings with our workforce.

Pre-starts will run between 6am and 7am. Additional movements on site may be noticed.

Works in your area

Drainage and excavation works

South Yarra Siding Reserve

Ongoing to late-June 2021



- Drainage and excavation works for the substation will continue in the Siding Reserve throughout April
- These works will include the use of excavators, compaction equipment, and crews with hand tools
- Works are expected to generate medium levels of noise and vibration while excavation works are in progress.

Underground services, lighting, pavement and fencing works

Lovers Walk, William Street pocket park, Arthur and Chambers streets

Ongoing to June 2021



- Works along Lovers Walk, William Street pocket park, Arthur and Chambers streets will continue in April
- Works will include installation of cable conduits, light pole foundations, pavement, fencing, architectural screens and landscaping works
- These works will involve the use of excavators, compaction equipment and crews with hand tools
- Prior to installing new underground services, non-destructive digging (NDD) is required to locate and expose any existing underground services and cables. NDD uses pressurised water to dig and vacuum up soil to expose assets and services underground without damaging them
- Additional truck movements will be required to deliver materials to site
- Rock may be present in the local area, which may require rock breaking works
- Works are expected to generate medium levels of noise with some high-level peaks. High levels of noise are expected if rock breaking is required.

CER/SER underground services, drainage and fencing works

Between William and Chambers streets

Ongoing to late-June 2021



- Works to install underground services for the CER/SER buildings, and fencing works along Lovers Walk, will continue to progress in April
- Works will require the use of excavators, compaction equipment, soil and concrete trucks, and crews with hand tools
- Works are expected to generate medium levels of noise with some high level peaks
- Once the underground services works are complete, works to install the CER/SER buildings will commence. These buildings are being constructed off site and will be lifted into place using a crane in May
- A total of three overnight road closures on Chambers Street will be required to safely facilitate delivery of the CER/SER buildings

- Further information about installation of the CER/SER buildings will be provided closer to the delivery date.

William Street bridge screen installation

William Street bridge

Ongoing to late-April 2021



- Works to install screens along the William Street bridge will continue in April
- This activity will require the use of a crane and crews with hand tools
- These works are expected to generate low to medium levels of noise.

24-hour rail works

Rail corridor between South Yarra and Caulfield stations

Friday 30 April to Monday 3 May 2021



- Works within the Frankston/Dandenong rail corridor between South Yarra and Caulfield stations will take place over one weekend in April
- This will include maintenance works to a previously installed staircase and the William Street bridge abutment, overhead gantry works and installing cable conduits and fibre subducting within the rail corridor
- Works will require the use of elevated work platforms (EWPs), a hi-rail crane, concrete trucks, hi-rail excavators, NDD trucks to expose underground services, tipper trucks, a cable truck and crews with hand tools
- A temporary lane closure on a section of Arthur Street is required to undertake overhead structure works during this time. Traffic management will be in place to ensure the safe movement and local traffic on Arthur Street. Local access will be maintained during this time
- These works are expected to generate medium levels of noise with some high-level peaks. Where possible, higher impact works will be scheduled to take place during the day
- Generator-powered lighting towers are required while we complete night works. Where possible, lights will be positioned to face away from residential properties and noise reduction mats will be placed around generators.

Cross passage construction works

Osborne Street

Ongoing



- Cross passage construction works continue within the retrieval shaft and in the tunnel
- These works include excavation, waterproofing, and installing permanent concrete linings to form the cross passages
- While cross passage construction is occurring deep within the tunnels, support work will be ongoing from the Osborne Street site
- Most of this support work will be conducted from the retrieval shaft, however some surface works may be required up until 10pm each night

- These surface works will include the delivery of concrete and equipment to site, and moving these deliveries with a forklift. This work is expected to generate low to medium levels of noise
- The gantry crane over the retrieval shaft will be used consistently during the construction of the cross passages to move equipment around below surface level
- Trucks will run intermittently from site to remove soil from the underground excavation. Trucks will only remove soil during normal construction hours
- There are six cross passages located between Anzac Station and the Osborne Street site. Excavation of the cross passages began in early February. The excavation within the tunnels is not expected to generate high levels of noise or vibration
- Cross passage construction works will operate 24/7 within the tunnels and from the Osborne Street site.

Metro Tunnel laydown area

402 Chapel Street

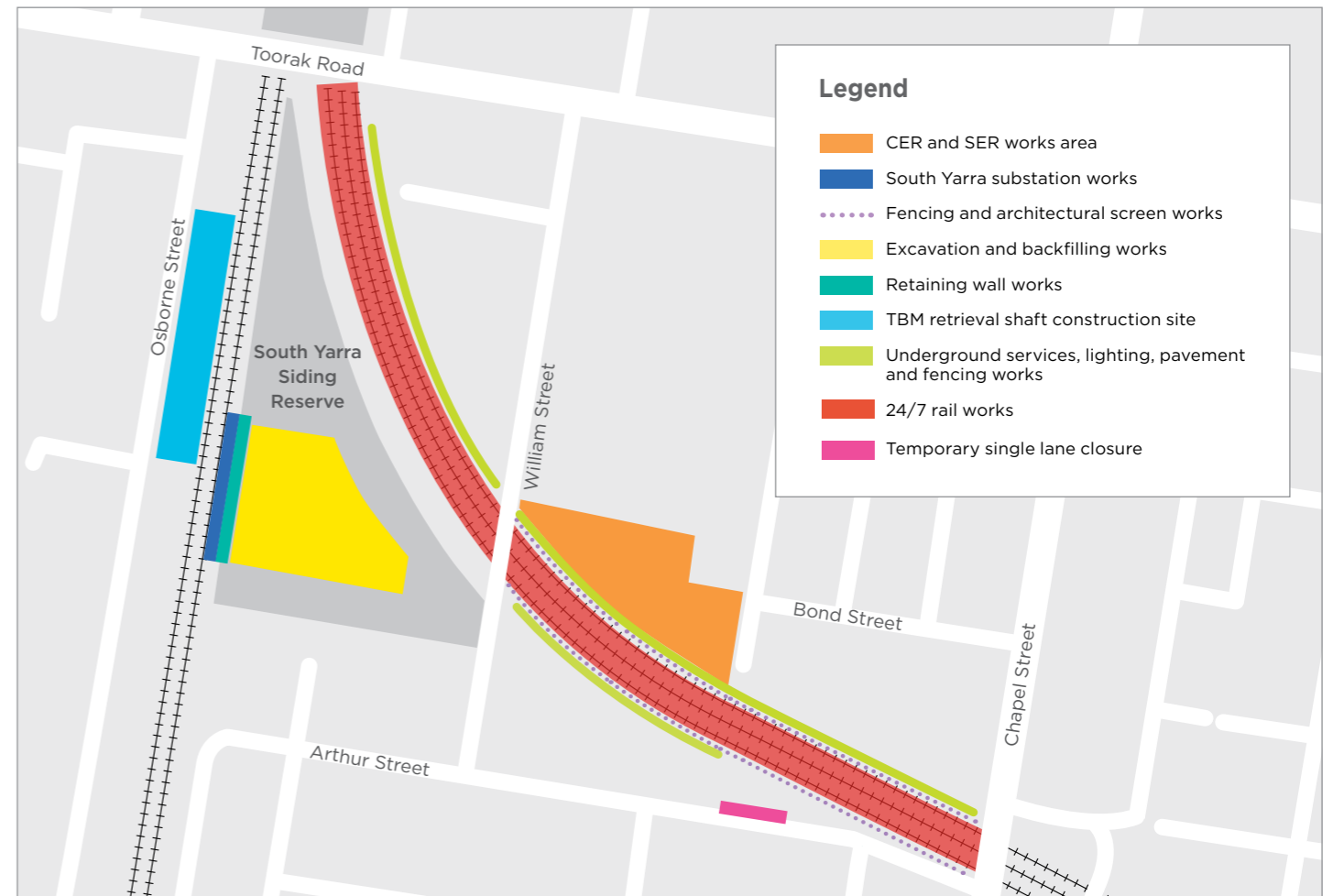
Friday 30 April to Monday 3 May 2021



- To support the works to construct the Metro Tunnel's eastern entrance in South Yarra, we have established a construction site on vacant land located at 402 Chapel Street
- This site will be used throughout 2021 for delivery of rail materials and will provide worker amenities and construction vehicle parking
- Use of the site may be required for periods of 24-hour rail works throughout the year. During this time, there will be additional truck movements as equipment and material is removed from the site and delivered to the rail corridor.

Traffic impacts

- A temporary lane closure on a section of Arthur Street is required to undertake overhead structure works from **Friday 30 April to Monday 3 May**
- A total of three overnight road closures and some temporary parking removal on Chambers Street is required to safely deliver the CER/SER buildings in May. Traffic management will be in place to ensure the safe movement of local traffic. Residents will be notified of the details closer to the date.



South Yarra substation works

Retaining wall and pile break-back works

South Yarra Siding Reserve

Ongoing



- We completed the construction of 31 piles required for the future substation and retaining wall in March
- Pile break-back works, and works to construct the retaining wall and the substation will continue throughout April
- The pre-cast panels for the retaining wall will be delivered to site, where a crane will be used to lift the panels into place
- Works will involve the use of excavators, cranes, concrete trucks, jackhammers to break-back the piles and crews with hand tools
- Additional truck movements will be required to deliver concrete and steel reinforcement cages. To ensure structural integrity, concrete pours must be continuous and therefore may occasionally continue outside of standard construction hours

- Works are expected to generate medium levels of noise and vibration with some high-level noise peaks when jackhammering is in use.

Underground service and drainage works

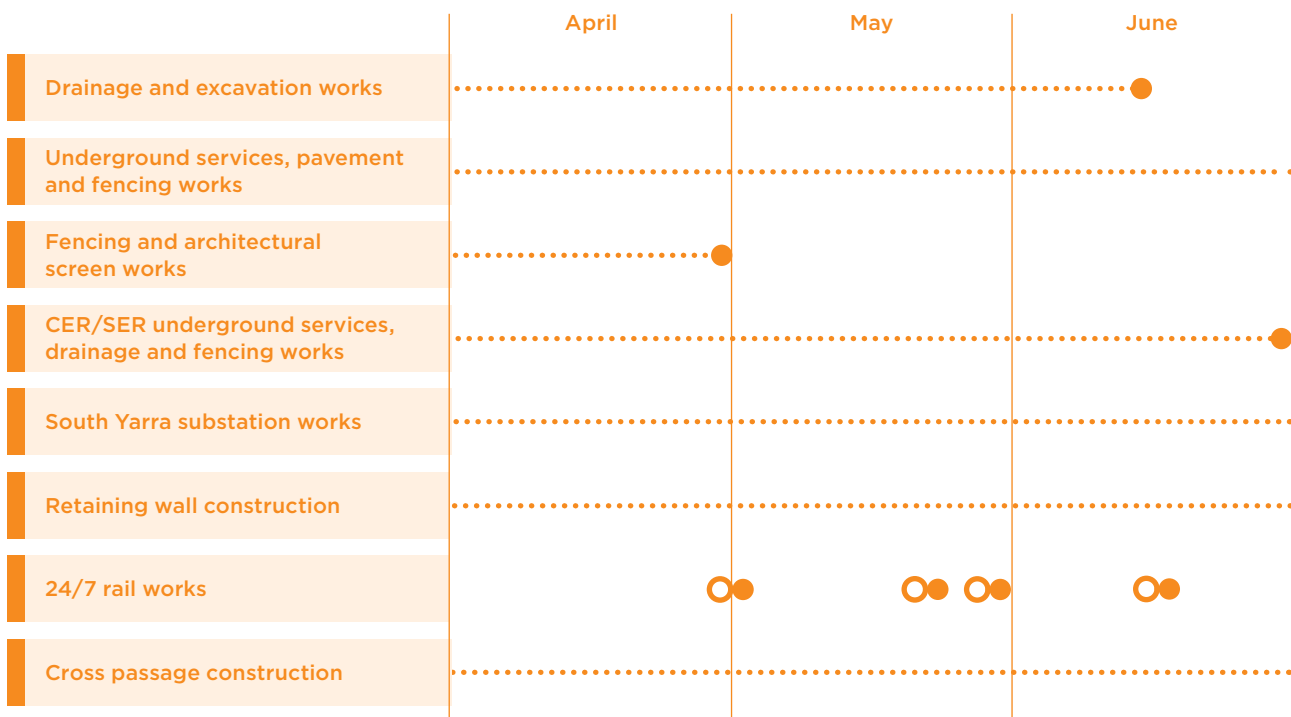
South Yarra Siding Reserve

Mid-April to late-2021



- Works to install the underground services for the substation will commence in April
- This will involve excavating and NDD to locate and safely expose any existing underground services
- Works will require the use of excavators, drills, trenching equipment to install the underground services, EWP's and crews with hand tools
- Works are expected to generate medium to high levels of noise, with medium levels of vibration while trenching works are in progress.

Three-month Look ahead



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)

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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.