MONTHLY CONSTRUCTION UPDATE

SOUTH YARRA

APRIL 2020

Works to construct the Metro Tunnel’s eastern entrance in South Yarra will continue throughout April. This month’s focus is on the excavation of the tunnel entrance, preparatory works for the installation of the detention tank and walls, as well as foundation works for the future connection between Osborne Street and Siding Reserve.

This notification provides an overview of upcoming works, including 24/7 works, throughout April.

**Construction snapshot**

Construction works will include:
- Excavation of the tunnel entrance
- Construction of the tunnel base slab and walls
- Detention tank wall and roof installation
- Installation of anti-throw screens along the railway line
- Excavation of egress shaft
- Osborne Street bridge preparation works
- 24/7 rail corridor works
- Tunnel boring machine (TBM) retrieval shaft construction.

Further information on these works can be found overleaf or at [metrotunnel.vic.gov.au](http://metrotunnel.vic.gov.au)

**When are we working?**

**Normal construction hours**
- 7am to 6pm, Monday to Friday
- 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. The timing of these works are outlined in the construction information overleaf.

**24 hours**

24 hour works are sometimes required during peak construction activities. The timing of these works are outlined in the construction information overleaf.

Project Information Line

1800 105 105

24 hours a day, 7 days a week

Press 2 for Metro Tunnel

**WORKS IN YOUR AREA**

**Excavation of the tunnel entrance**
South Yarra Siding Reserve  
Ongoing to late May 2020

- Excavation of the tunnel entrance will continue throughout April
- Excavators and bulldozers will be used to remove soil from the tunnel, where it will be loaded onto trucks and removed from site
- Work within the tunnel will take place between 6am and 10pm until late May 2020
- These works are expected to generate medium levels of noise and some vibration.

**Construction of the tunnel base slab and walls**
South Yarra Siding Reserve  
Ongoing to late 2020

- Works will begin in April to construct the tunnel base and walls to ensure the structural integrity of the tunnel
- Currently, props (temporary beams) are being used to support the tunnel entrance as it comes to ground level. Work to pour the concrete base slab and walls will take place over the coming weeks so that the props can be removed
- The concrete, once in place, will provide the structural support for the tunnel entrance and will allow the props to be safely removed
- Works are expected to generate low levels of noise.

**Detention tank walls and roof installation**
South Yarra Siding Reserve  
Ongoing to mid-2020

- Works on the detention tank base slab and walls were undertaken in February
- To complete the structure, pre-cast panels will be delivered to site and installed using a crane. The panels will provide structural support to the walls once the detention tank is complete in late 2020
- Works are expected to generate low to medium levels of noise.

**Installation of anti-throw screens and fencing along the railway line**
South Yarra Station to Chapel Street  
Ongoing to mid-2020

- As part of the final design for the new tunnel entrance in South Yarra, anti-throw screens and fencing will be installed to protect the rail corridor from debris and improve safety
- The screens and fencing will be installed next to the rail corridor along Arthur and William streets as well as Lovers Walk
- The screens and fencing will be delivered to site and installed using hand tools
- Anti-throw screens are a requirement for all new infrastructure located above a rail corridor
- Works will generate low levels of noise.

**Excavation of the egress shaft**
South Yarra Siding Reserve  
Ongoing to mid-2020

- Excavation of the tunnel egress shaft will continue throughout April
- Once completed, the egress shaft will provide essential access directly to the rail line for maintenance and work crews
- Excavation of the shaft will involve the use of a bulldozer and excavators.
- Once excavation is complete, steel will be used to create a support structure for the tunnel and concrete will be poured over the steel to reinforce the shaft
- Works will generate low to medium levels of noise.

**Osborne Street bridge preparation works**
Osborne Street  
27 March to mid-May

- Works to prepare for the future connection between Osborne Street and the South Yarra Siding Reserve will begin in late March
- Concrete abutments will be installed at either side of the rail corridor to create a safe foundation for the future bridge structure to sit on
- A piling pad will be installed within the existing construction site on Osborne Street. The pad will provide a level surface for the piling drill which will be used to drill into the ground
- Piles will be installed under the ground level and then filled with concrete
- To complete the abutments, steel will be fixed to the piles, and concrete will be poured over the steel
- These works will involve the use of a compaction roller and will generate medium levels of vibration with some medium to high level noise
- Major bridge works are scheduled to begin in mid-2020, with urban design components of the bridge to be finalised later this year.

**24/7 rail corridor works**
Toorak Road to Chapel Street  
Friday 17 to Monday 20 April

- 24/7 works will be taking place within the rail corridor over one weekend in April
- Works include undertaking minor maintenance within the tunnel entrance and along the rail corridor

**Traffic and transport impacts**
The previously notified closure of Arthur Street, to install new drainage pipes under the road, will now take place in May. The new drainage will connect the rainwater detention tank to the existing stormwater system. To complete these works, Arthur Street will need to be closed to all traffic for a period of time. Residents will be notified of the works closer to the date.
### Terms Explained

**South Yarra Siding Reserve detention tank**

The detention tank that is currently being installed within the South Yarra Siding Reserve will ensure the future tunnel is protected from flooding. The detention tank will hold rain water, and slowly release it back into the stormwater system, preventing flooding and ensuring that passenger services are not disrupted.

### LOOK AHEAD FOR 2020

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