



## WORKS NOTIFICATION

### GROUND IMPROVEMENT WORKS PEPPERCORN LAWN, MELBOURNE MAY 2020 – MARCH 2021

The twin tunnels to be constructed as part of the Metro Tunnel Project will travel between the sites of the new Anzac and Town Hall stations, underneath the Yarra River.

At regular intervals along the Metro Tunnel alignment, cross passages are constructed to connect the twin tunnels. These cross passages are an important safety feature as they allow people and emergency services to move from one tunnel to the other in the event of an emergency.

Peppercorn Lawn, on the edge of the Yarra River, is directly above one of these underground cross passages. Ground improvement works are required at this location prior to the construction of the two tunnels and the cross passage. This involves piling, drilling and grouting to strengthen the ground prior to the tunnel boring machines passing through in mid 2021.

All site access during construction for deliveries, equipment and soil removal will be via Boathouse Drive and will be managed by traffic control.

#### What we are doing

##### Site establishment

- Peppercorn Lawn, located between the Princes Bridge and the rowing clubs, will be occupied for the duration of these works. Please refer to map overleaf for details
- Installing site fencing and gates to establish the work site
- Delivery and installation of equipment, large machinery and facilities such as site sheds and footings for piling rigs

- Excavation of vegetation, removal of a section of rock wall and the removal of four trees: two mature palm trees, one mature cedar and one semi-mature gum (replacement trees will be replanted following the completion of the works)
- Relocating electrical and irrigation services within the area.

##### Piling

- Piling around the perimeter of the cross passage ground improvement area
- Delivery of a piling rig, crane, excavators and other plant to the site
- Installation of the piles which will retain grout and provide structural support during the next construction phase
- Regular truck movements will be required to remove displaced soil and deliver concrete, estimated to be between 10-12 trucks at peak during daytime hours.

##### Jet grouting

- Jet grouting will be used in the final stage of ground improvement works
- Delivery of a drilling rig, site batching equipment and other plant is required
- Using a grouting monitor attached to a drill stem, grout is injected into the surrounding soil

- The softer soil is replaced by the grout and the displaced soil is pumped to the surface into on-site storage bays
- Once dried, the displaced soil will then be trucked away from site via Boathouse Drive.

### Site reinstatement

- Upon the completion of ground improvement works, Peppercorn Lawn will be reinstated
- This will require an initial excavation to break back piles used for ground improvement
- The rock wall and footpath will be reconstructed, replacement trees planted, and the grass and irrigation system reinstated.

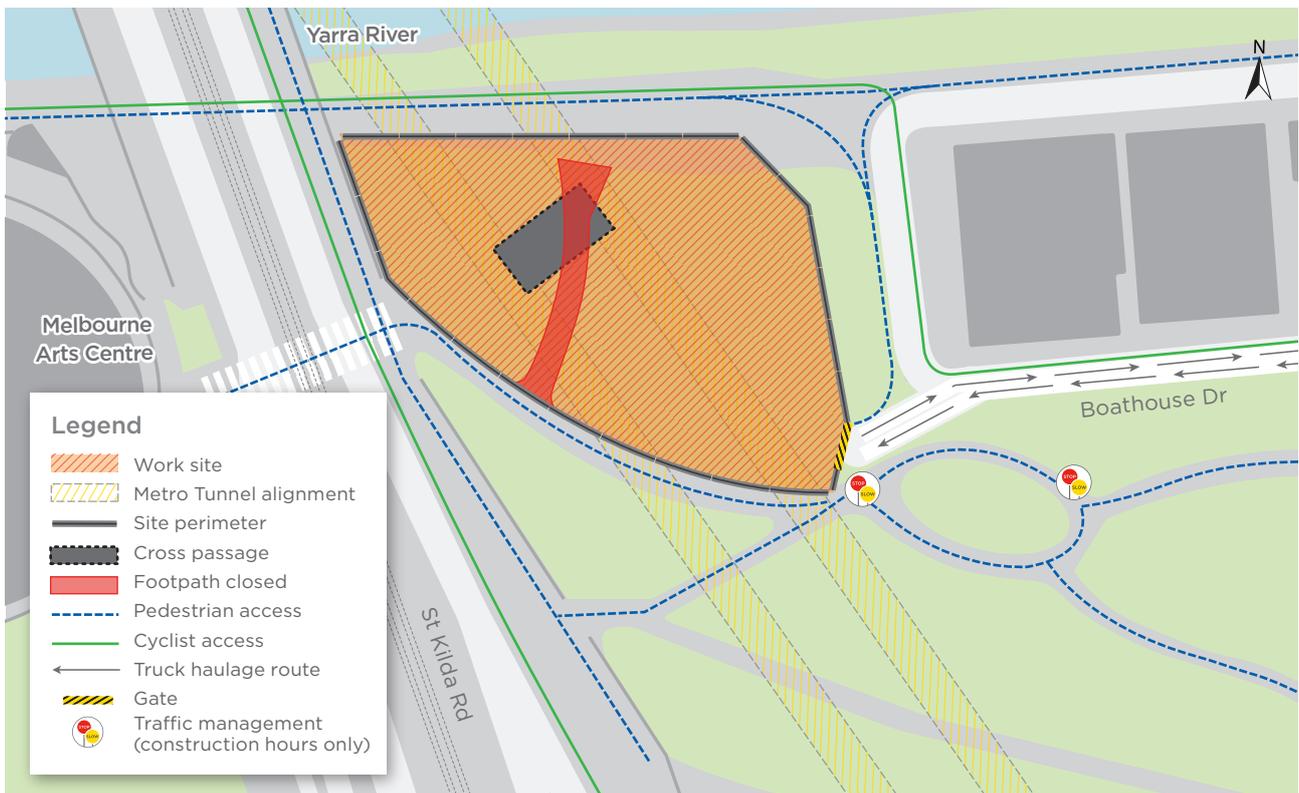
### What to be aware of

- Pedestrian access along the Capital City Trail will be maintained
- One section of path connecting the Capital City Trail and the rowing sheds to St Kilda Road will be closed during the works. The remaining access points will not be affected (see map)

- Truck access to site will be via Boathouse Drive and there will be an increase in truck traffic at the rear of the rowing club sheds
- Traffic control will be in place at the entrance to the work site to facilitate truck access
- Access for the rowing clubs will not be restricted by the works. However, traffic management will be in place during deliveries of larger equipment to site
- Parking along Boathouse Drive will not be impacted
- The works are expected to generate medium levels of noise during daytime working hours
- Further notification will be provided if works need to be undertaken outside of normal construction hours
- Peppercorn Lawn will be occupied and unavailable for use until March 2021.

### When

- From May 2020 until March 2021
- Monday to Friday, 7am - 6pm and Saturdays, 7am - 1pm



*Indicative only*

### More information

To find out more about the Metro Tunnel Project and register for future email updates:

- [metro tunnel.vic.gov.au](http://metro tunnel.vic.gov.au)
- 1800 105 105 (24 hours a day, 7 days a week)  
Press 2 and follow the prompts

- [facebook.com/metro tunnel](https://facebook.com/metro tunnel)
- Subscribe to eNews or construction notification emails: [metro tunnel.vic.gov.au/subscribe](http://metro tunnel.vic.gov.au/subscribe)

Interpreter Service (03) 9209 0147

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