



SOUTH YARRA (EASTERN PORTAL) PRECINCT

COMMUNITY REFERENCE GROUP

8 June 2021



- Construction is continuing on the Metro Tunnel Project
- The health and safety of the community and our workers is our key priority
- We have strict protocols in place to protect the safety of our construction workforce and the community, including:
 - enhanced industrial cleaning arrangements
 - provision of personal protective equipment
 - measures to reduce staff contact to reduce contact between the workforce
 - RIA is running two pre-starts between 6am and 7am to ensure social distancing.





CONSTRUCTION UPDATE - RIA

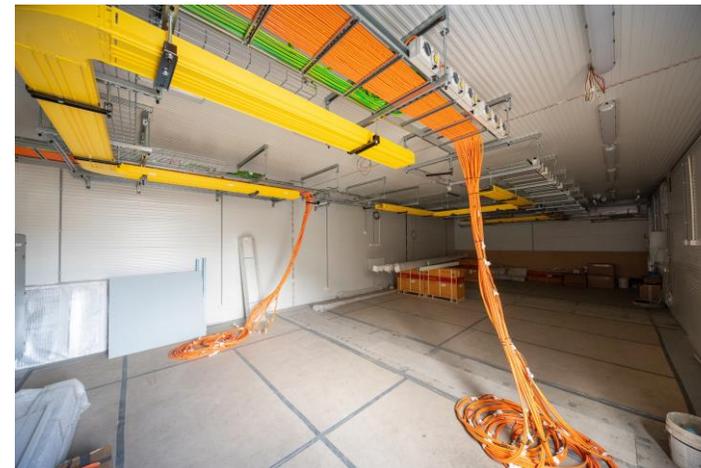
CONSTRUCTION PROGRESS

RIA

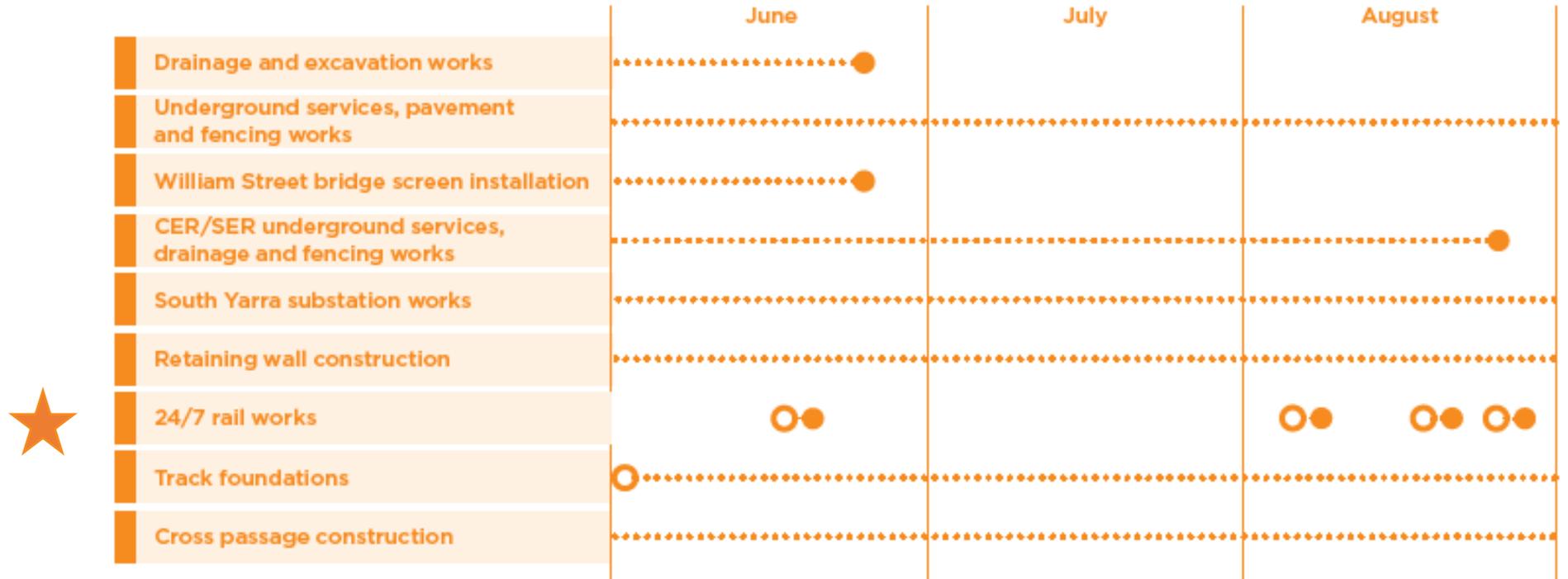


CONSTRUCTION PROGRESS

RIA



CONSTRUCTION LOOKAHEAD FOR 2021



24/7



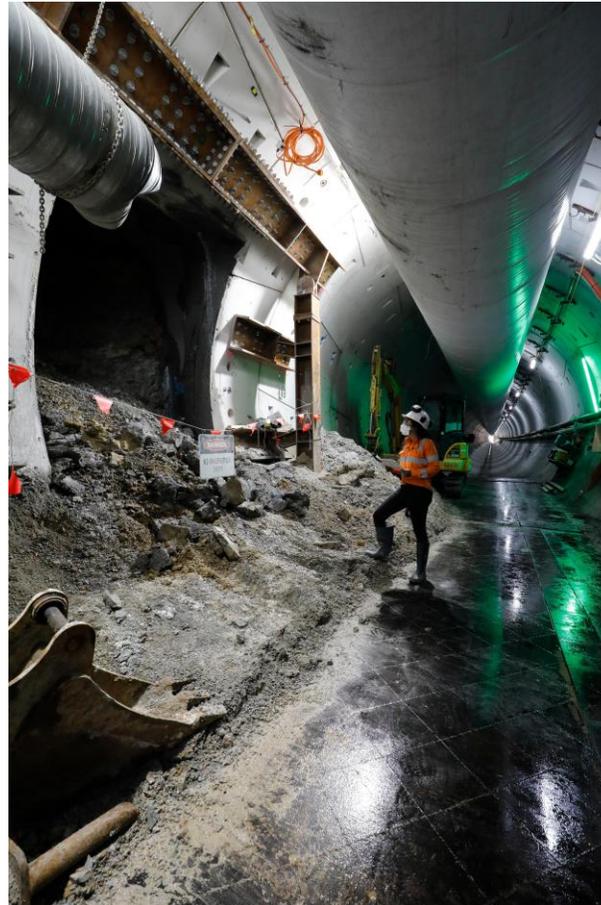
CONSTRUCTION UPDATE - CYP

- Excavation is complete at all six of the cross passages between Anzac and Eastern Portal
- Permanent works are underway at those five sites, with the team installing waterproofing, steelfixing and concrete lining to create the permanent cross passage
- Once the lining works are complete, then a concrete invert will be poured to create the floor. This will be the same as the track foundation works to begin within the tunnels this month.

CROSS PASSAGE CONSTRUCTION



Cross passage shotcreted before permanent lining works completed



Excavation underway at cross passage 26



Steelfixing installed before concrete linings can be poured

TRACK FOUNDATION

Concrete invert construction



- Once the cross passages are complete, work to construct the track foundation will commence
- Concrete will be poured in sections along the entire length of the tunnel to create a flat surface for tracks
- Track foundation works in the tunnels will be ongoing until September.



An image of the track foundation invert from the western precinct

TRACK FOUNDATION CONSTRUCTION

Concrete invert construction



- Track foundation work in the tunnels between Anzac Station and Eastern Portal will be conducted from the retrieval shaft on Osborne Street.
- Concrete trucks will deliver concrete to site via Osborne Street
- While there will be an increase in concrete trucks arriving to site, there will be fewer trucks removing excavated material.



The screeding gantry used when pouring the tunnel invert in the western precinct

TRACK FOUNDATION CONSTRUCTION

Concrete invert construction



- Track foundations will also be required in the decline structure. For this, a concrete pump will be set up on William Street
- Concrete deliveries for this section will be via Toorak Road and William Street
- The first decline structure concrete pour for track foundations is currently scheduled for late June.

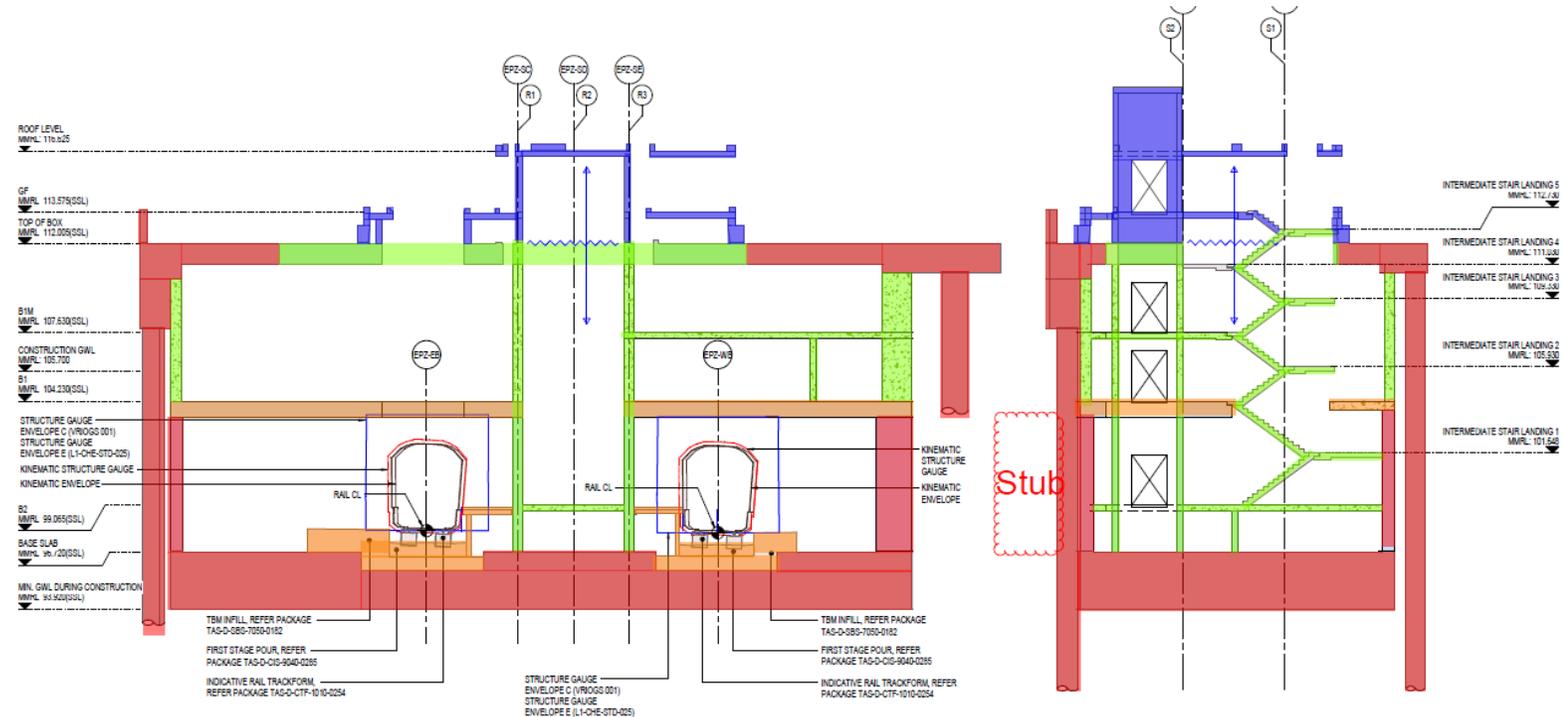


William Street Bridge access to decline structure

RETRIEVAL SHAFT STRUCTURAL BUILD



- Once the track foundations are complete, works will begin on the construction of the retrieval shaft structure
- These works will involve constructing access stairs (in green), internal walls and slabs
- William Street Bridge will become the main access point for the fit out works within the tunnels



Cross sections of the retrieval shaft upcoming works



COMMUNITY & COMMUNICATIONS UPDATE

COMMUNICATIONS

Recent and upcoming communications



The June construction update has been delivered via Metro Tunnel's eNews to residents and businesses and is available online.

The update includes information about upcoming works, including a short 24-hour rail occupations involving:

- Works on the Frankston / Dandenong lines between South Yarra and Caulfield stations from **Friday 18 to Monday 21 June**

If you haven't already, we encourage registering to Metro Tunnel's eNews to receive important project updates in South Yarra. Scan QR code below to register.



TRAFFIC & TRANSPORT

Recent and upcoming traffic and transport changes

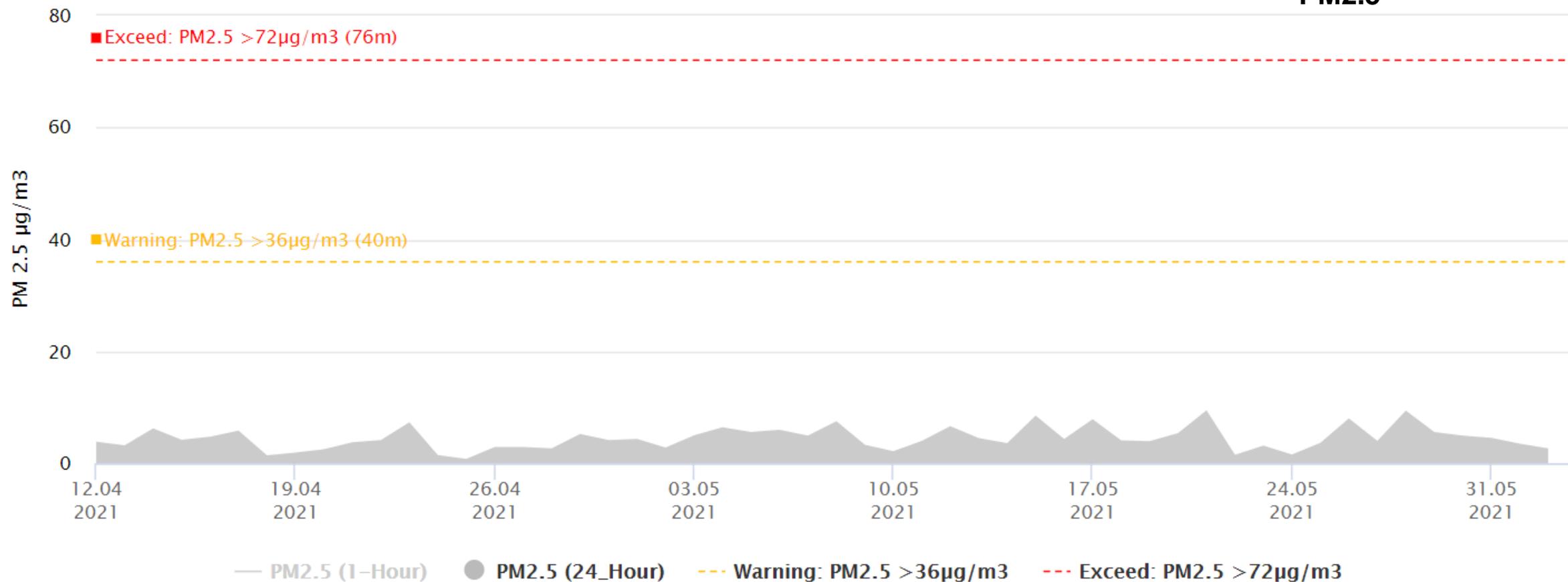


- No changes to services on Frankston / Dandenong lines as a result of 24/7 works from **Friday 18 to Monday 21 June**
- A temporary single lane closure on a section of Arthur Street while we undertake underground service works until **Wednesday 16 June** and **from Friday 18 to Monday 21 June** during 24-hour rail works. Local access will be maintained and traffic management will be present to safely facilitate traffic movements along Arthur Street.

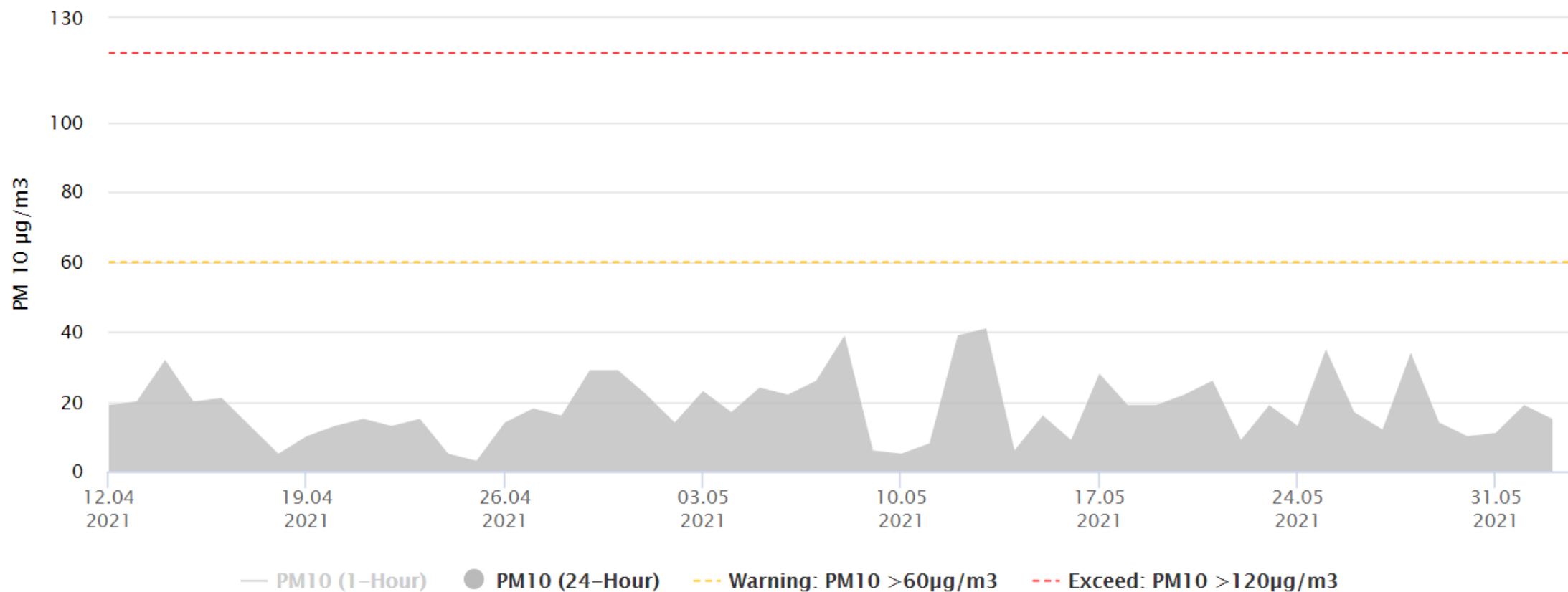


ENVIRONMENTAL MANAGEMENT

Osborne Street April to May 2021 PM2.5



Osborne Street April – May 2021 PM10

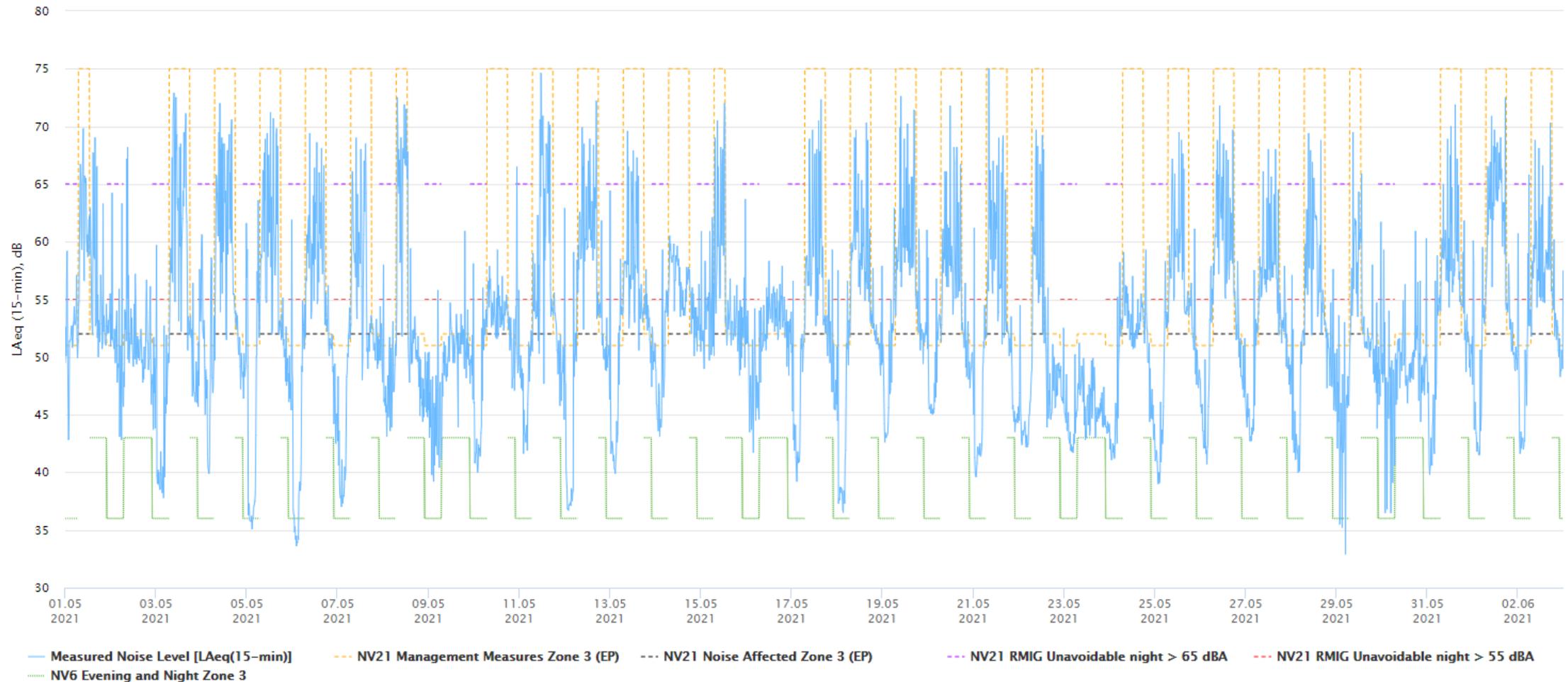


NOISE MONITORING



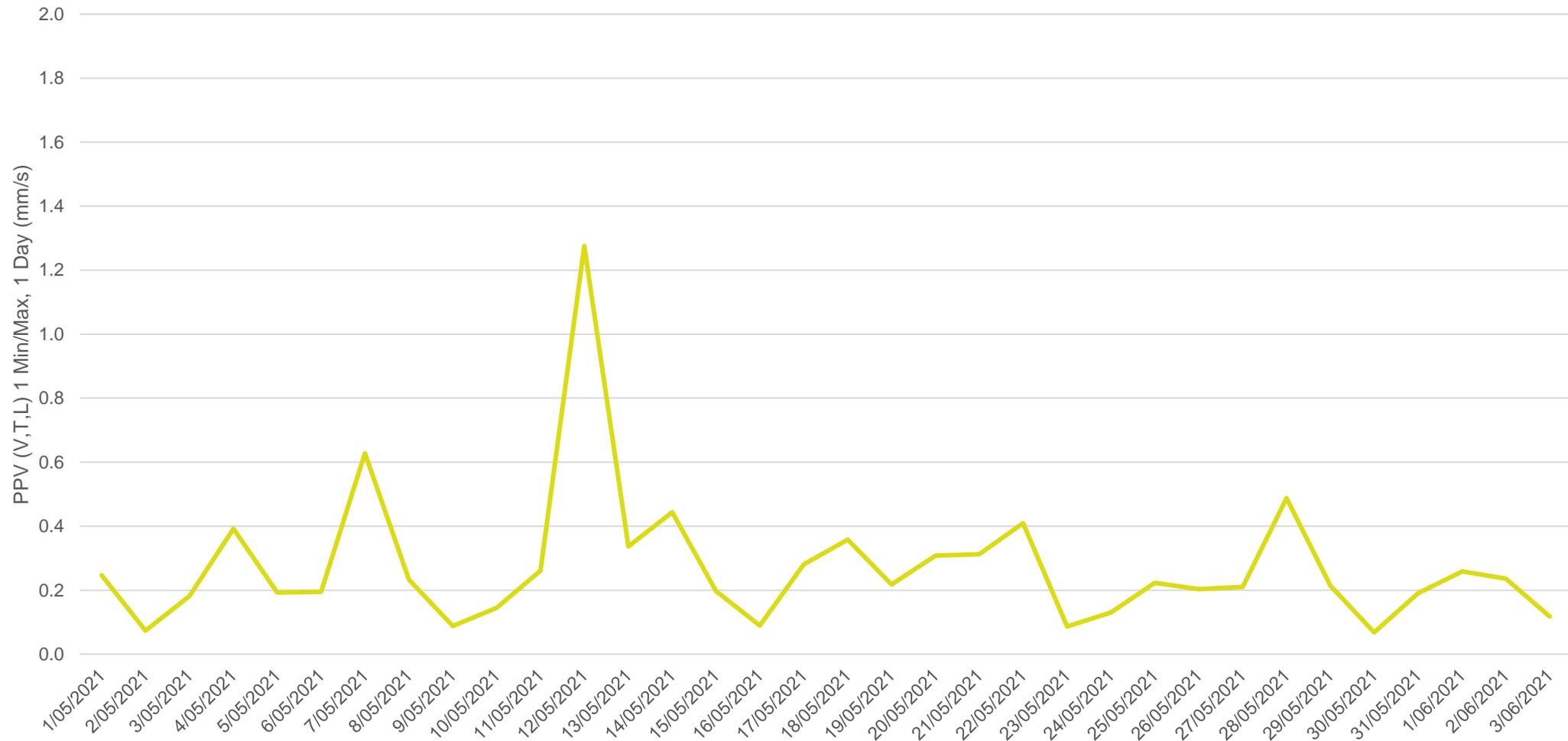
8 William Street, South Yarra: Measured Noise Levels

8 William Street
May 2021



Portland Place May 2021

Eastern Portal – Vibration Levels (May 2021)





Upcoming tram stop upgrade works

South Yarra - Tram stop upgrade works

There will be 24-hour works from 10pm Friday 11 June to 5am Saturday 19 June 2021.

Works will include:

- Setting up work areas and traffic management.
- Building two new level-access tram platforms, including associated infrastructure like new shelters and passenger information systems.
- Installing a bike lane (as part of the tram stop only) and bike parking hoops.
- Widening the pedestrian crossing and footpath.
- Creating water sensitive garden beds.
- Reinstating the area.

Finishing works:

- On the footpath and garden beds. This will be for 3-4 weeks post major works.



Power supply upgrade works, South Yarra, 16 – 18 June 2021

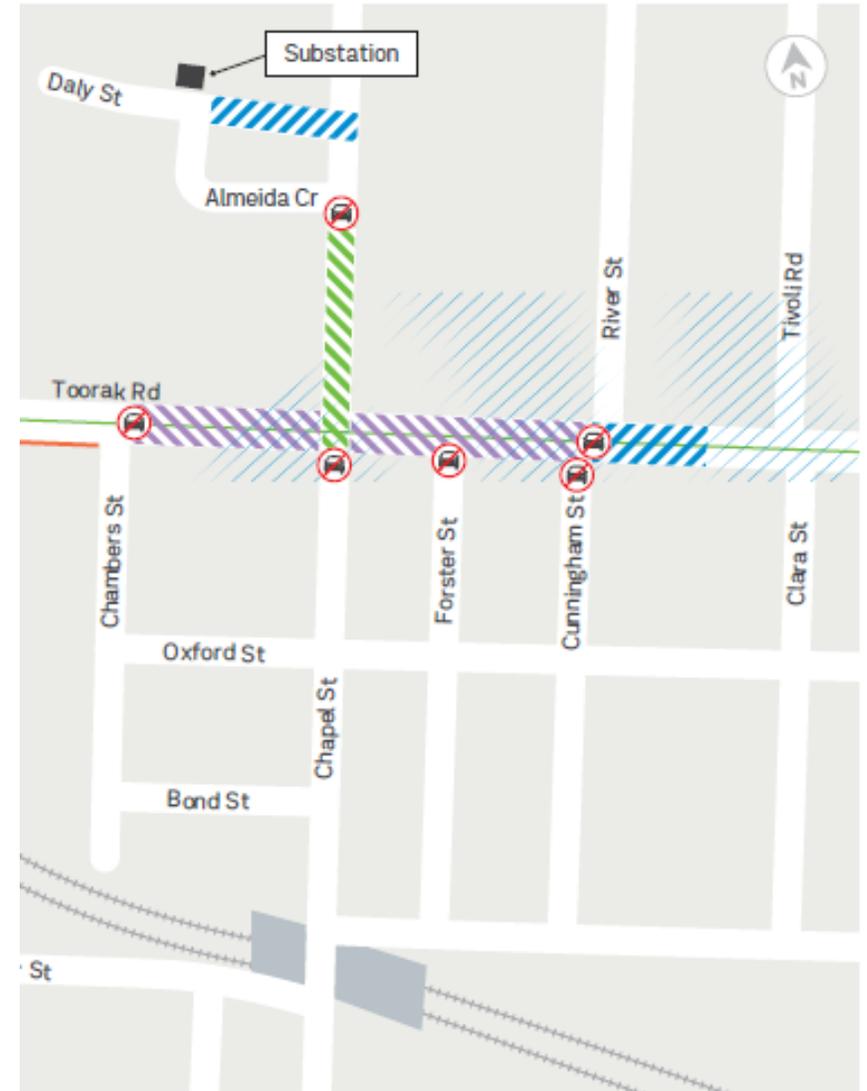
- To make Route 58 ready for E-class trams, upgrades to tram infrastructure and power networks are required.
- A power upgrade is required to the network that feeds from the South Yarra substation, off Daly Street, South Yarra.
- This will take place in two stages during the same week as the tram stop upgrade (6pm to 5am, Wednesday 16 June to Friday 18 June 2021) to minimise disruption to the community.

Power supply upgrade works will take place in two stages:

- **Stage one 1am Wednesday 16 June to 9am Thursday 17 June 2021.**
- **Stage two: 1am Wednesday 16 June to 5am Friday 18 June 2021.**

Road impacts for power supply works:

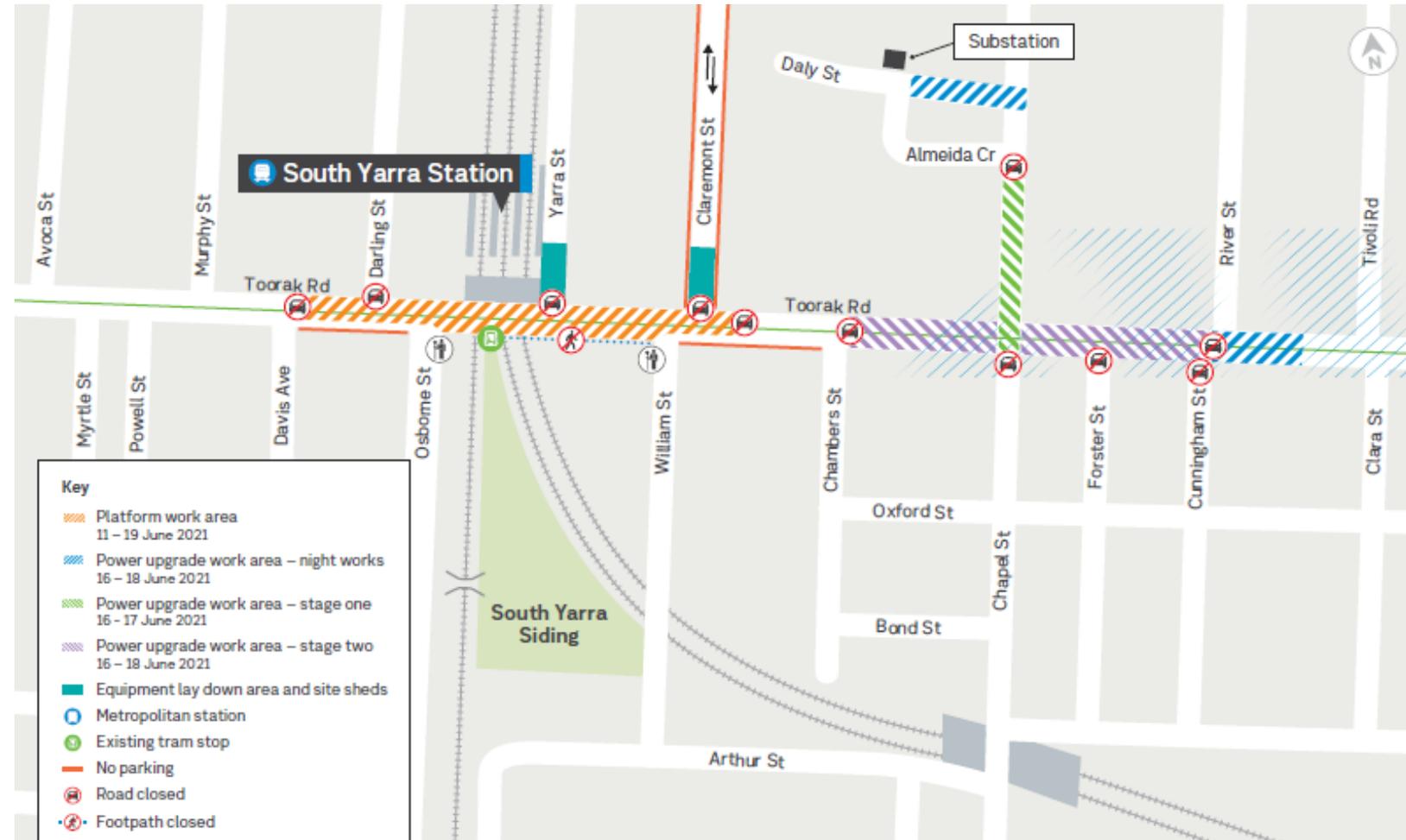
- Chapel Street will be closed from Almeida Crescent to, and including, the intersection of Toorak Road and Chapel Street from **1am Wednesday 16 June to 9am Thursday 17 June 2021.**
- Toorak Road will also be closed from the intersection of Chapel Street to Chambers Street (west) and River Street (east) from **1am Wednesday 16 June to 5am Friday 18 June 2021.**



Major works, 11 – 19 June 2021

Road and parking impacts:

- Toorak Road will be closed to traffic between Davis Avenue and Claremont Street from **10pm Friday 11 June to 5am Saturday 19 June 2021**.
- Osborne Street will be closed at Toorak Road from **10pm Friday 11 June to 10pm Sunday 13 June**.
- There will be no on-street parking on Claremont Street to allow for two-way traffic during the platform works.
- Other lane and on-street car park closures will be required around work areas.
- Traffic management and signage will direct traffic, please follow signage around works.

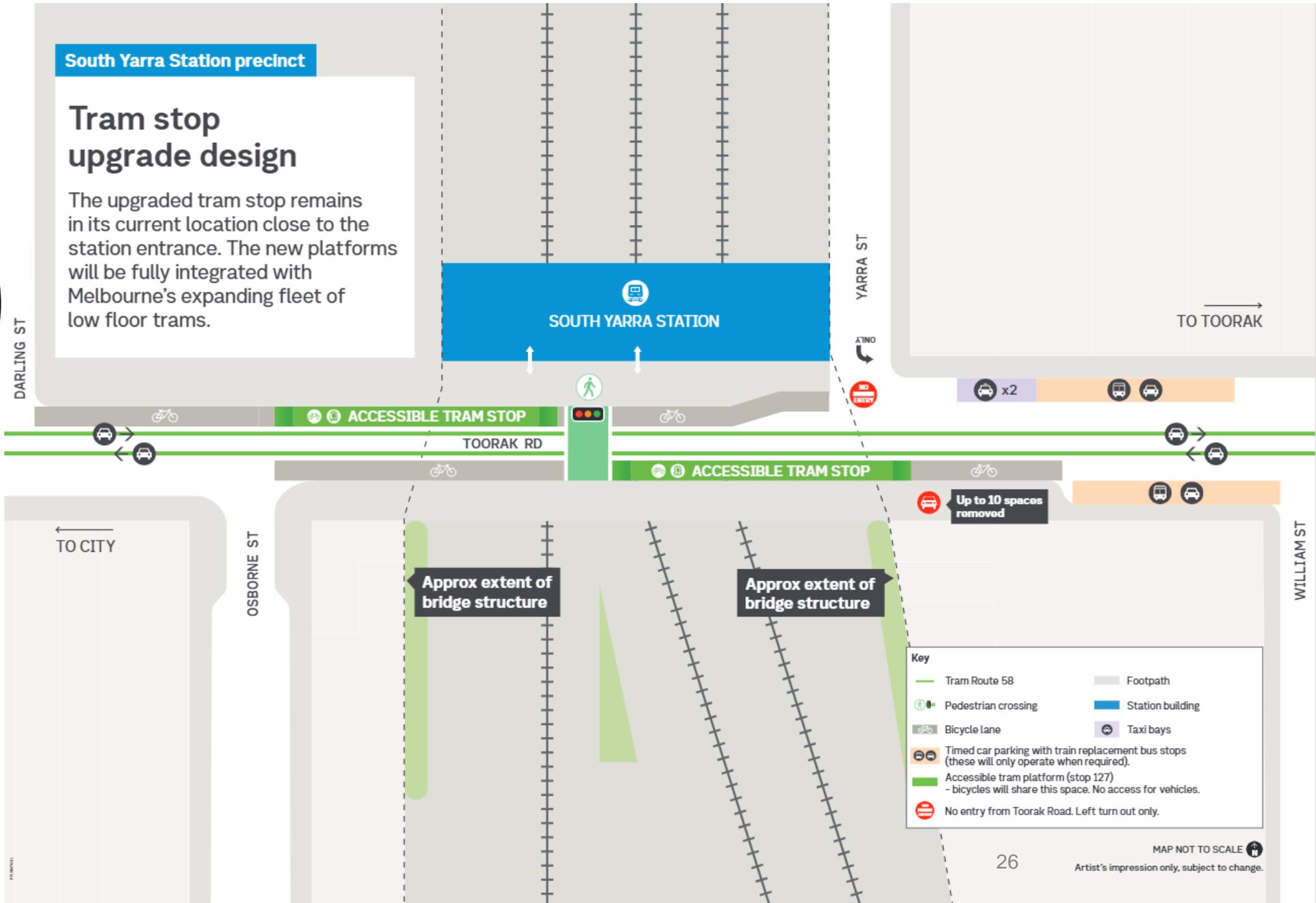


**Final layout
– Tram stop
upgrade design**

South Yarra Station precinct

Tram stop upgrade design

The upgraded tram stop remains in its current location close to the station entrance. The new platforms will be fully integrated with Melbourne's expanding fleet of low floor trams.





Questions?