



# SOUTH YARRA (EASTERN PORTAL) PRECINCT

## COMMUNITY REFERENCE GROUP

21 November 2023

# ACTIONS AND ISSUES REGISTER



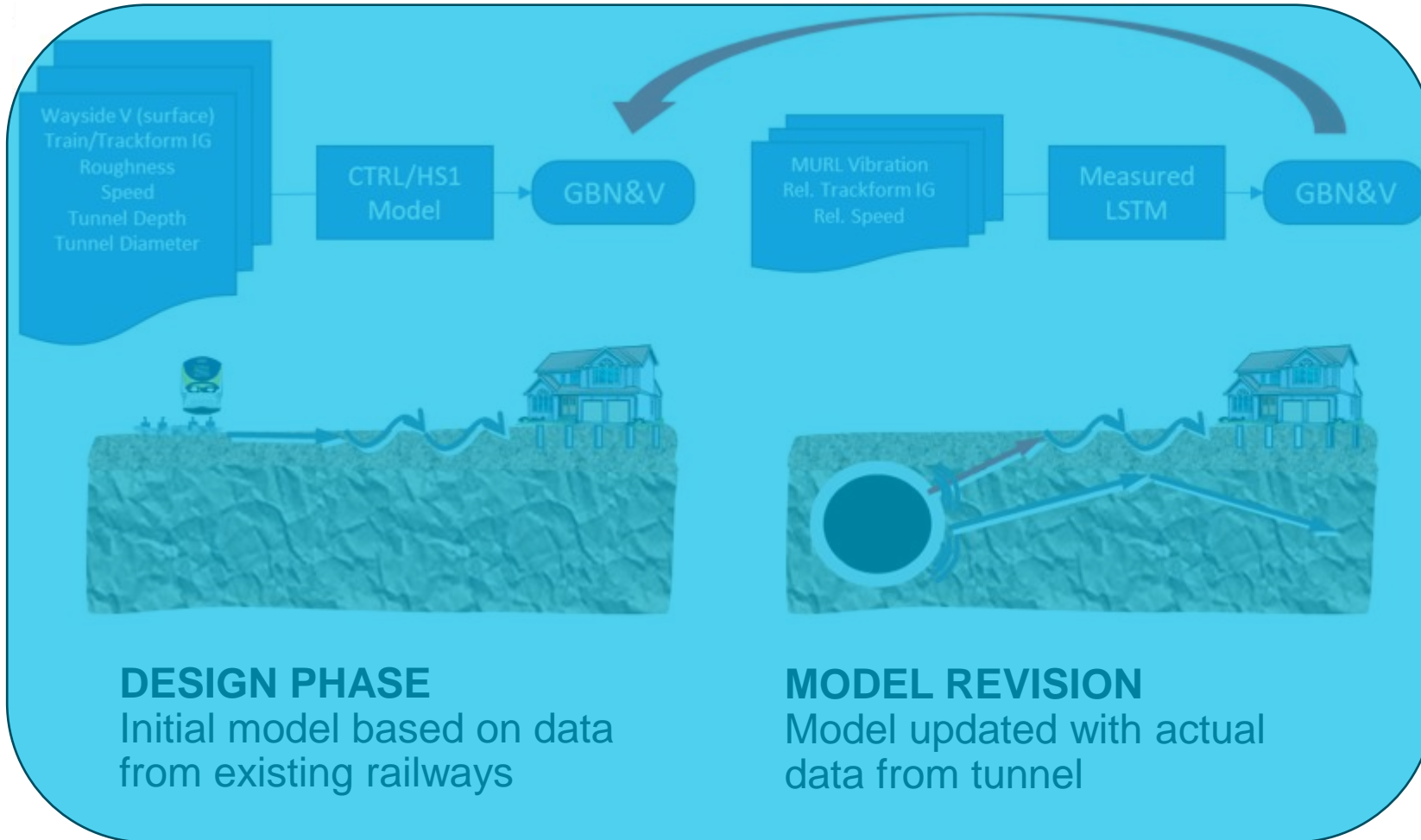
#	DATE RAISED	ACTION / ISSUE	OWNER	STATUS	DATE CLOSED
No actions recorded					



# Train Testing Update

# Ground-Borne Noise & Vibration Process

Journey



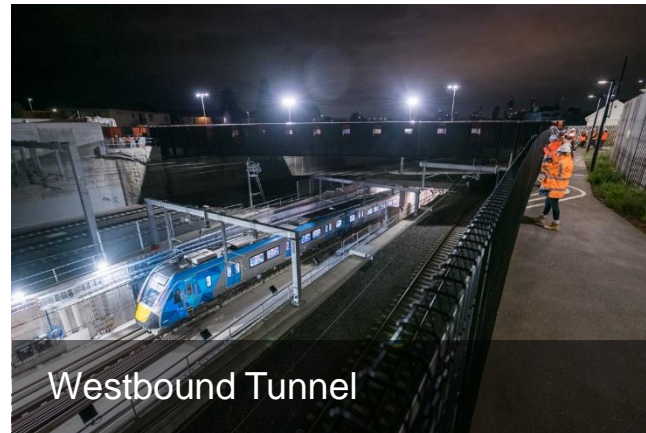


# First Trains – 27 July 2023

Eastern Portal & Anzac Station



Eastbound Tunnel



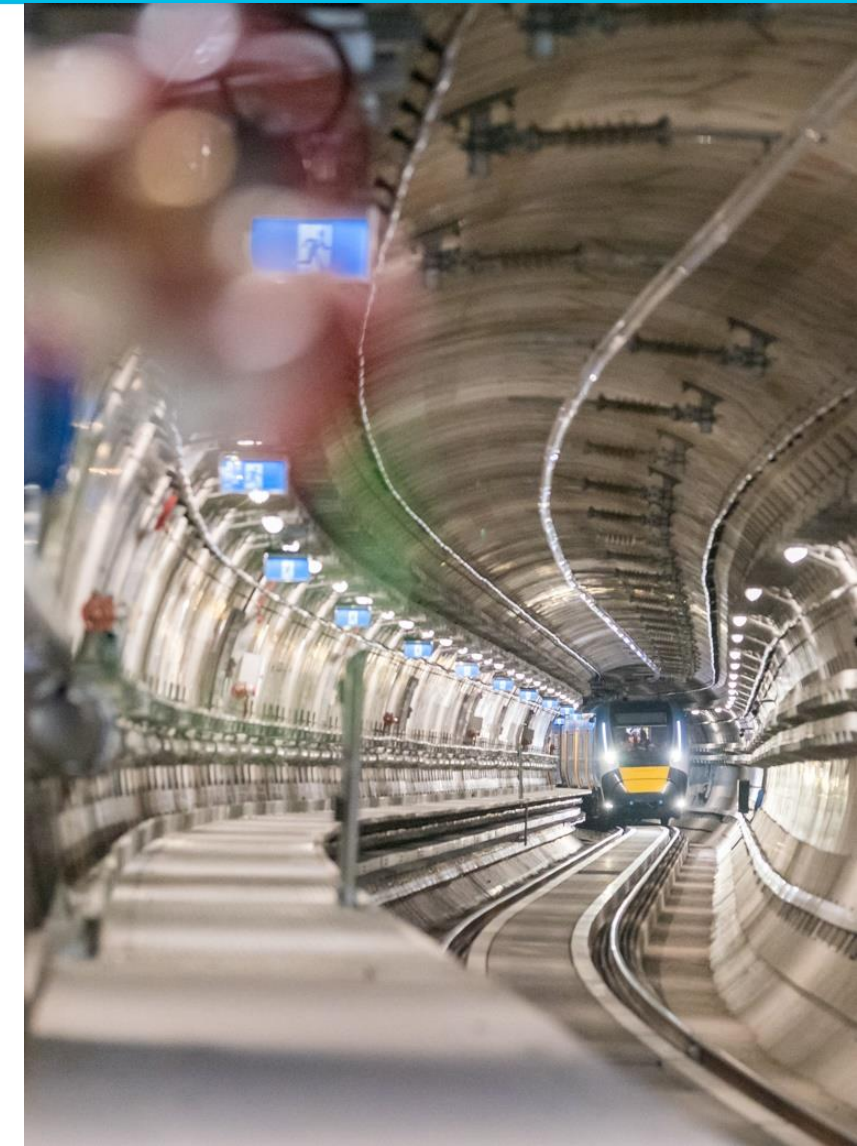
Westbound Tunnel



Anzac Station Eastbound Tunnel



Anzac Station Westbound Tunnel





## Trains at Line Speed – 80 Km per hour



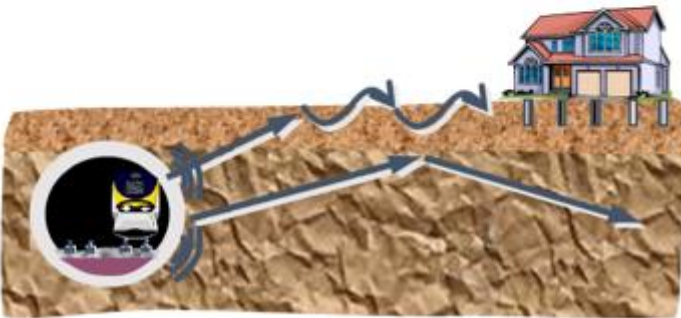


# Train Dynamic Testing

Configuration for Ground-Borne Noise & Vibration Validation

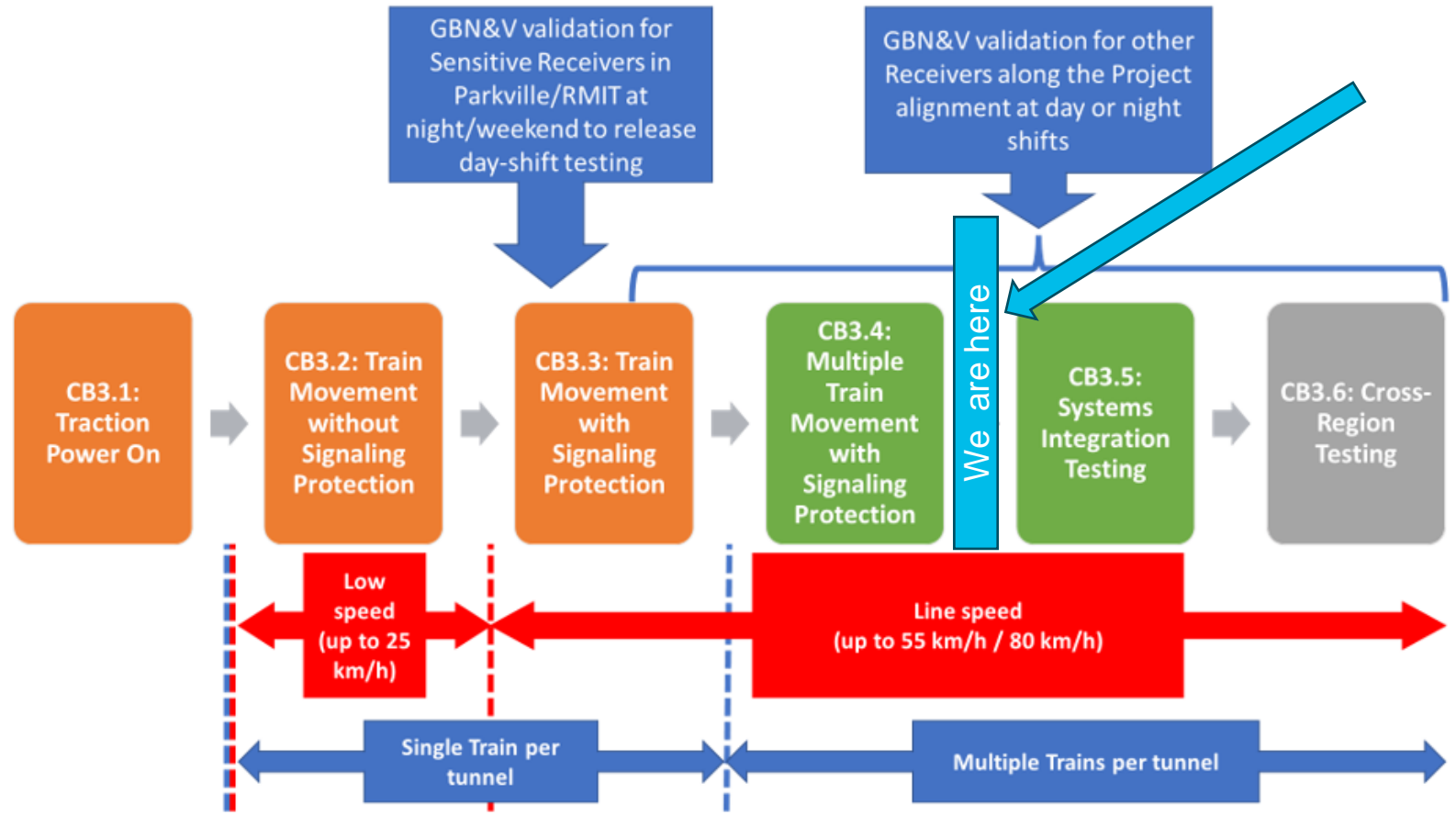


GBN&V



## VALIDATION

Measurements taken during dynamic testing to demonstrate compliance



**Monitoring  
completed to date -  
as at October 2023**

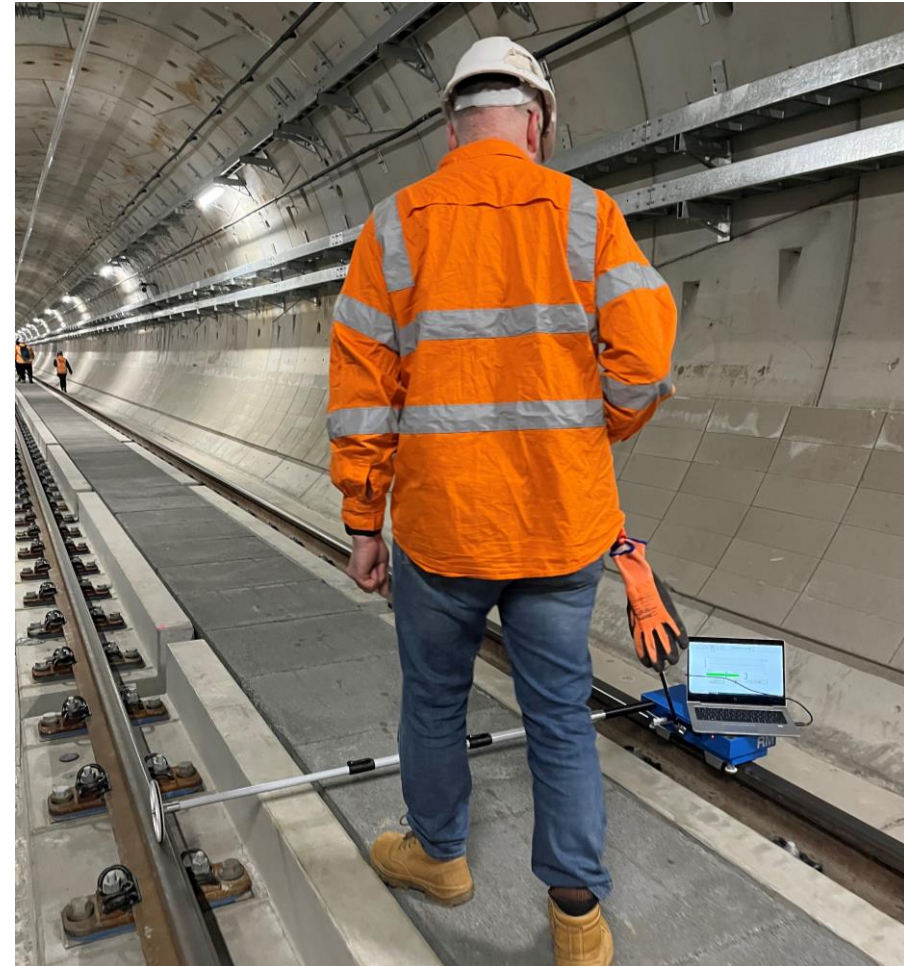
# Train Dynamic Testing

## Track Roughness Testing



Track roughness testing completed

- Before DT (completed)
- During DT (completed)
- After DT (3.3) (completed)
- Late 2023 (scheduled)
- Track is performing as expected





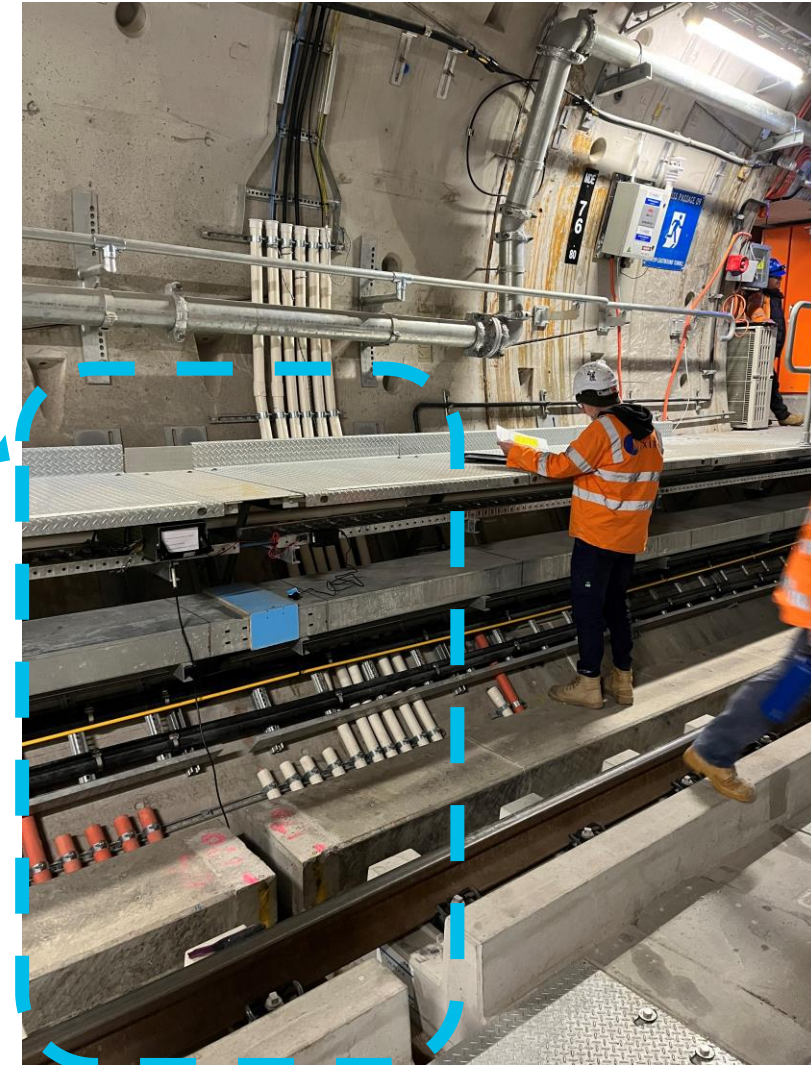
# Train Dynamic Testing

Track Form Transition and vibration monitor install



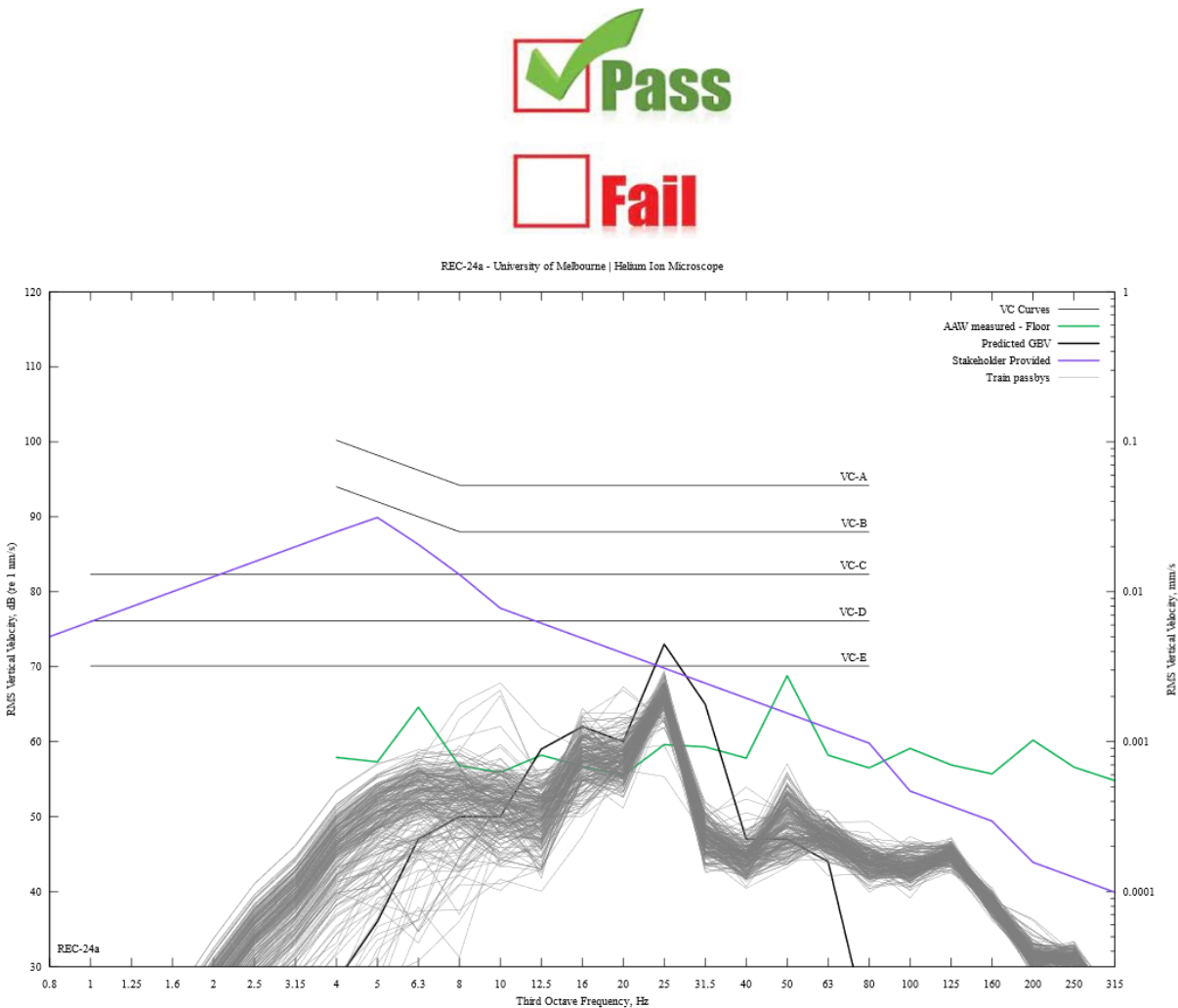
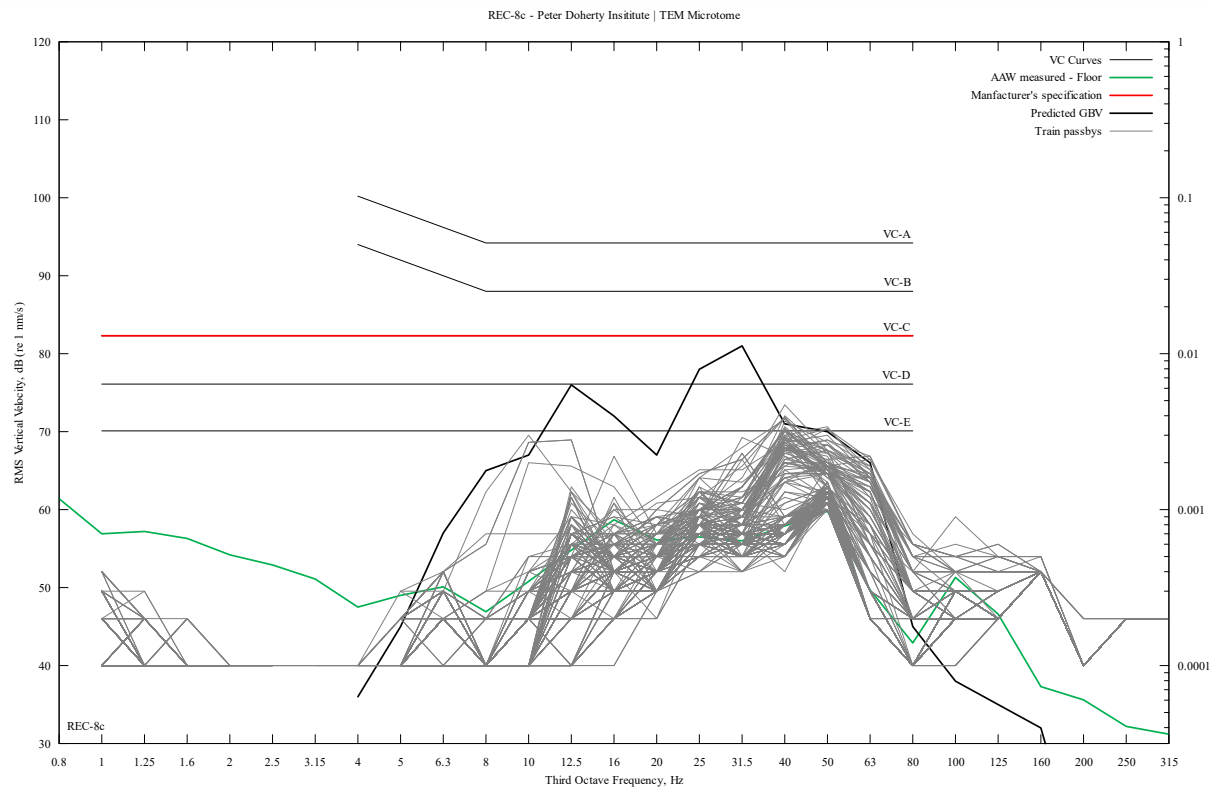
Track form vibration  
monitoring  
performance

Further Inspection of  
specific track forms  
installed



# Train Dynamic Testing

## Results





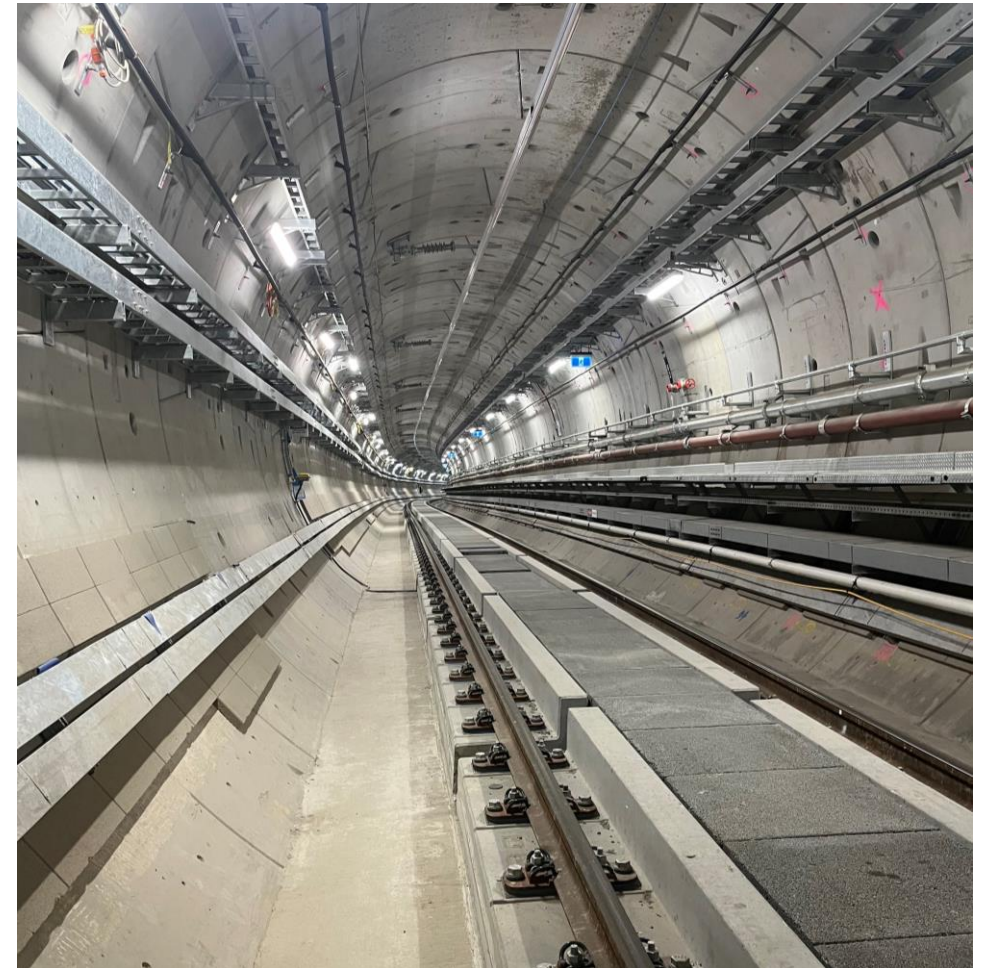
# Train Dynamic Testing

Upcoming validation testing and monitoring



Monitoring summary:

- Stage 1 – Parkville – validation testing now complete, ongoing monitoring
- Stage 2 – Project alignment (above tunnel)
  - Q4 2023 and early 2024
- Stage 3 – Kensington / South Yarra (outside of tunnel)
  - Early 2024
- 100% compliance so far



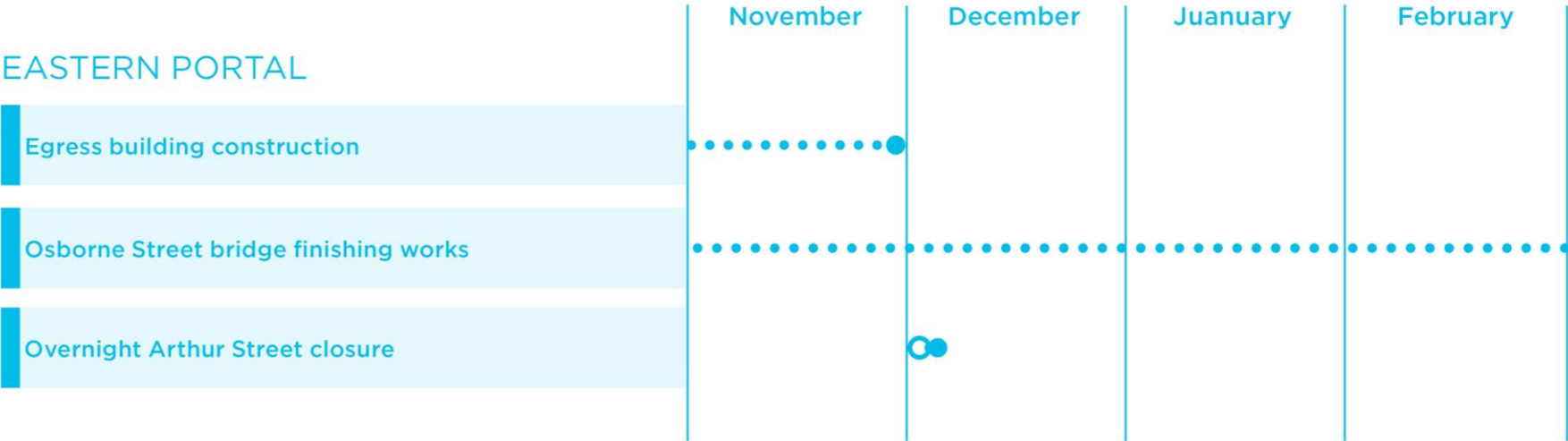


# Questions

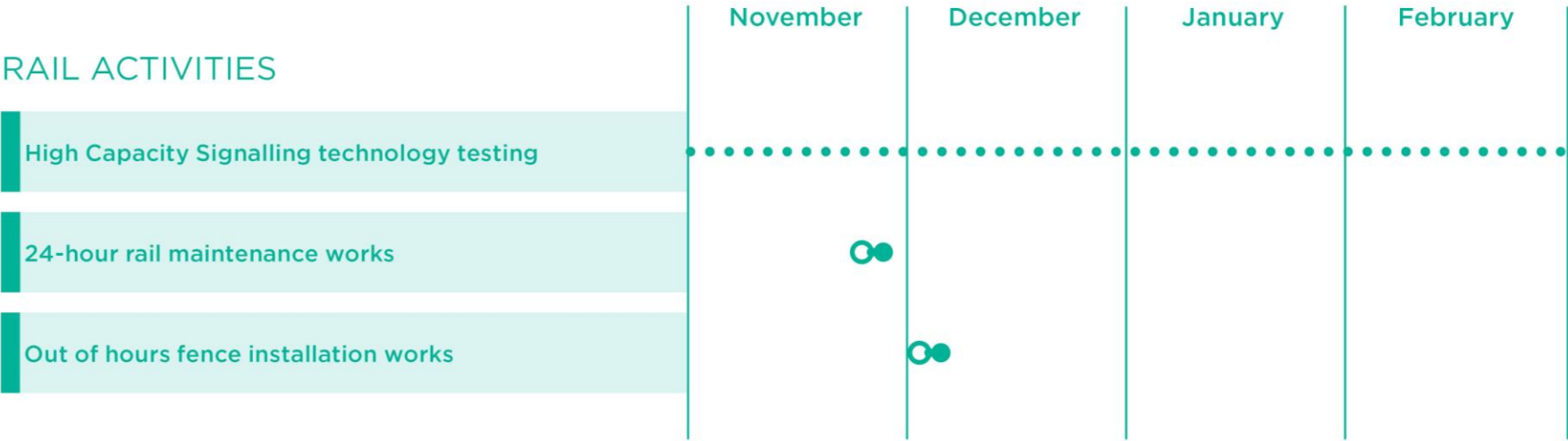
# Construction lookahead



## EASTERN PORTAL



## RAIL ACTIVITIES



### We're taking a break

The Metro Tunnel Project will take a break from construction from **Monday 25 December 2023 to Tuesday 5 January 2024.**

Construction sites will be monitored by security during the closure. Members of the project will be on call during this time.

If you have any queries, please phone the Metro Tunnel Project Information Line on **1800 105 105.**

# CONSTRUCTION UPDATE – CYP

Thank you





# June 2018

## Site investigation and set up





October 2018

Piling





April 2019

Piling and excavation





# August 2019

## Form work and steel reinforcement





# September 2019

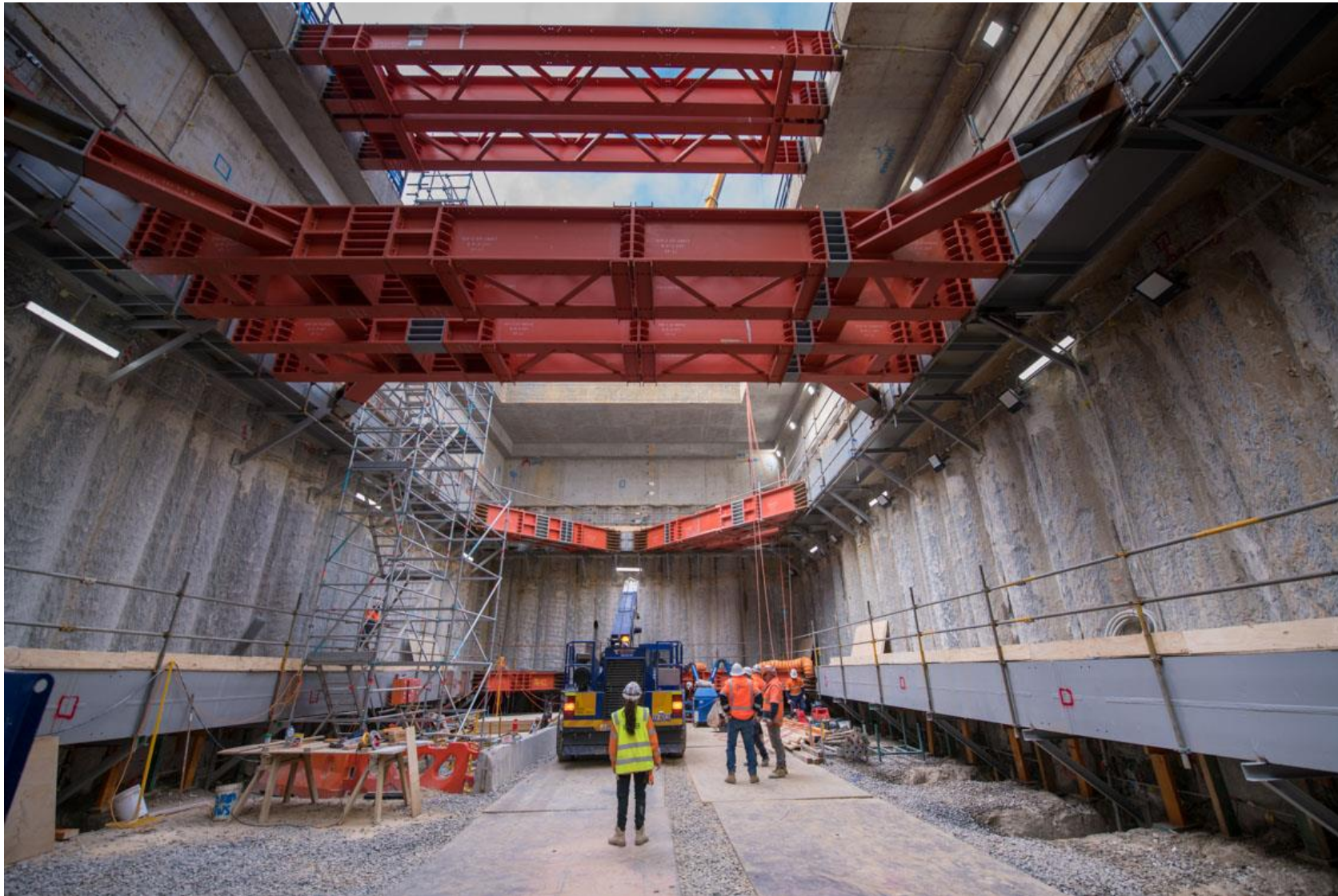
## Gantry crane installation





December 2019

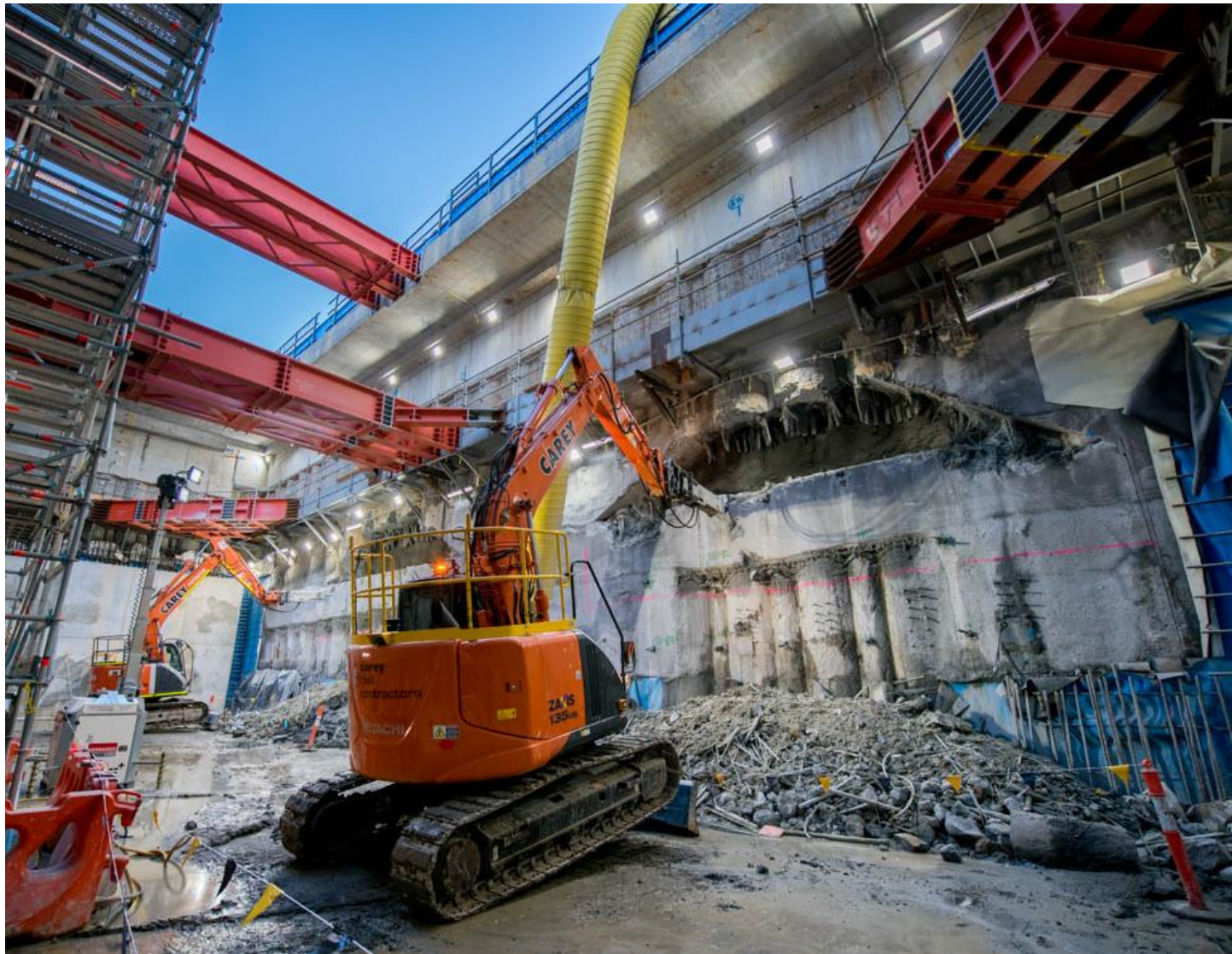
Portal progress





# June and August 2020

## TBM preparation works





September 2020

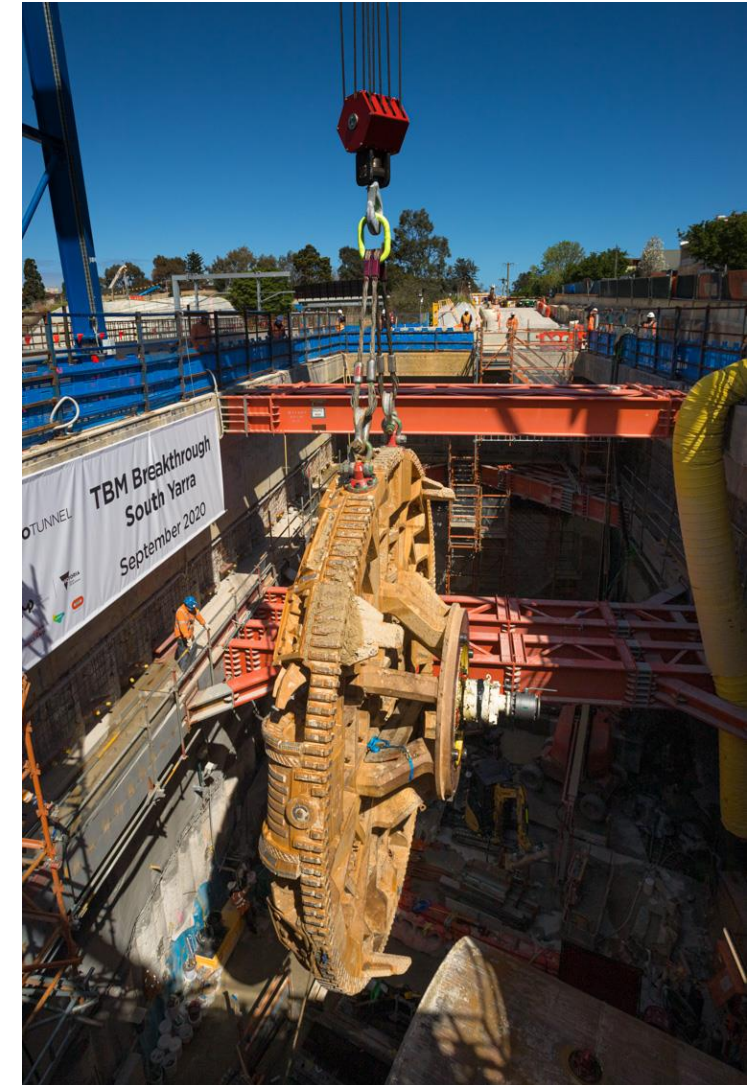
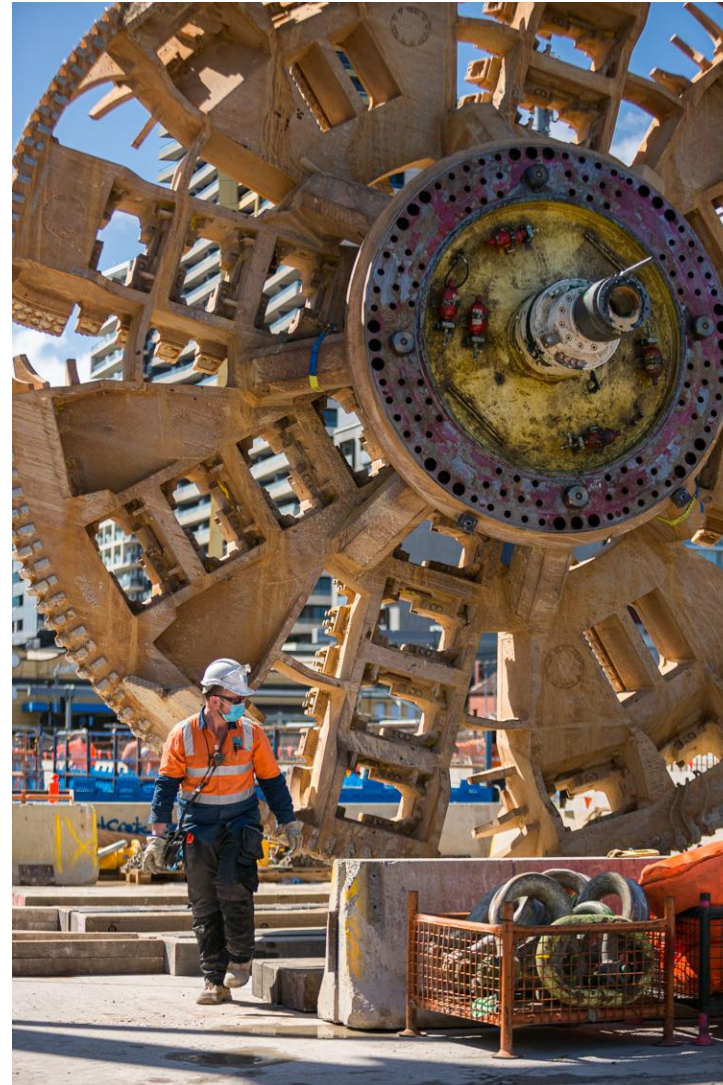
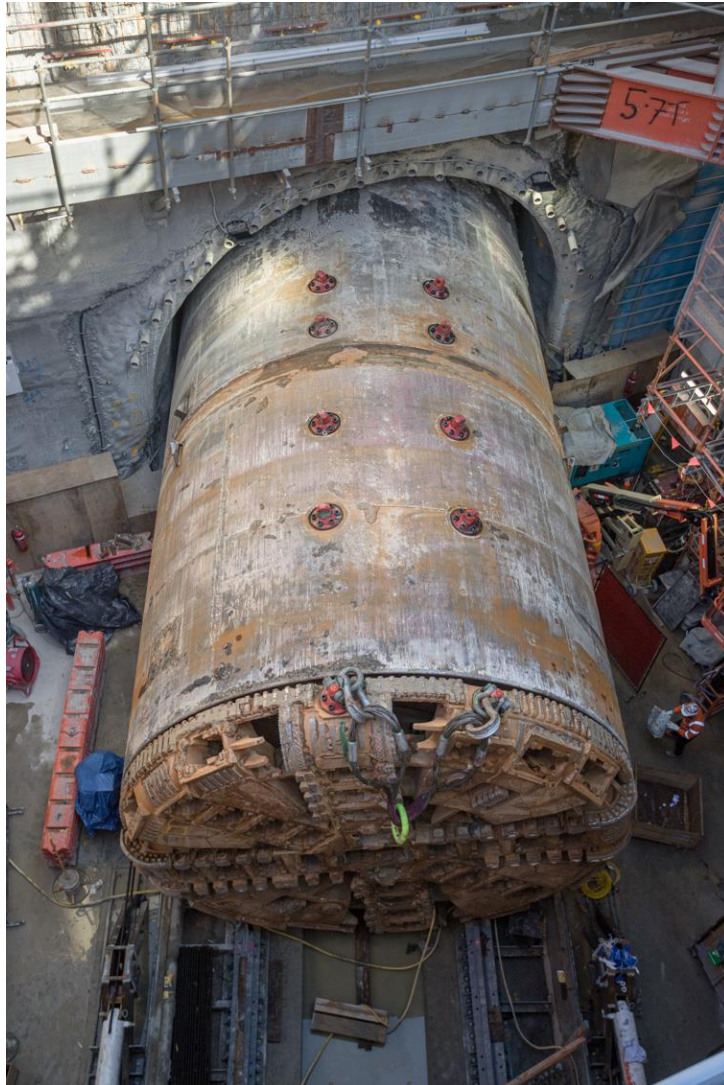
Millie arrives in South Yarra





# September 2020

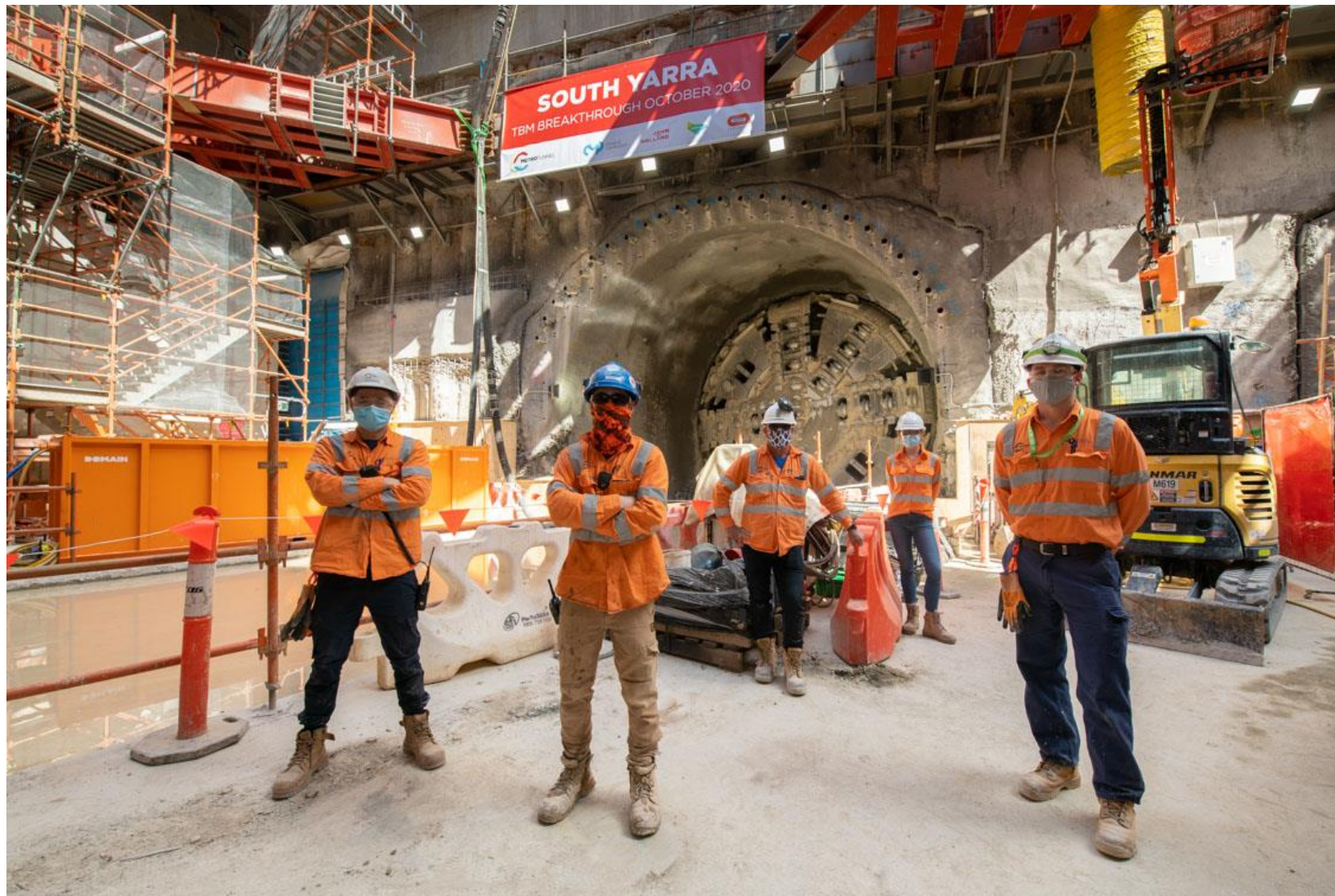
## Cutterhead and TBM removal





**October 2020**

Alice arrives in South Yarra





February 2021

Tunnel works





April 2021

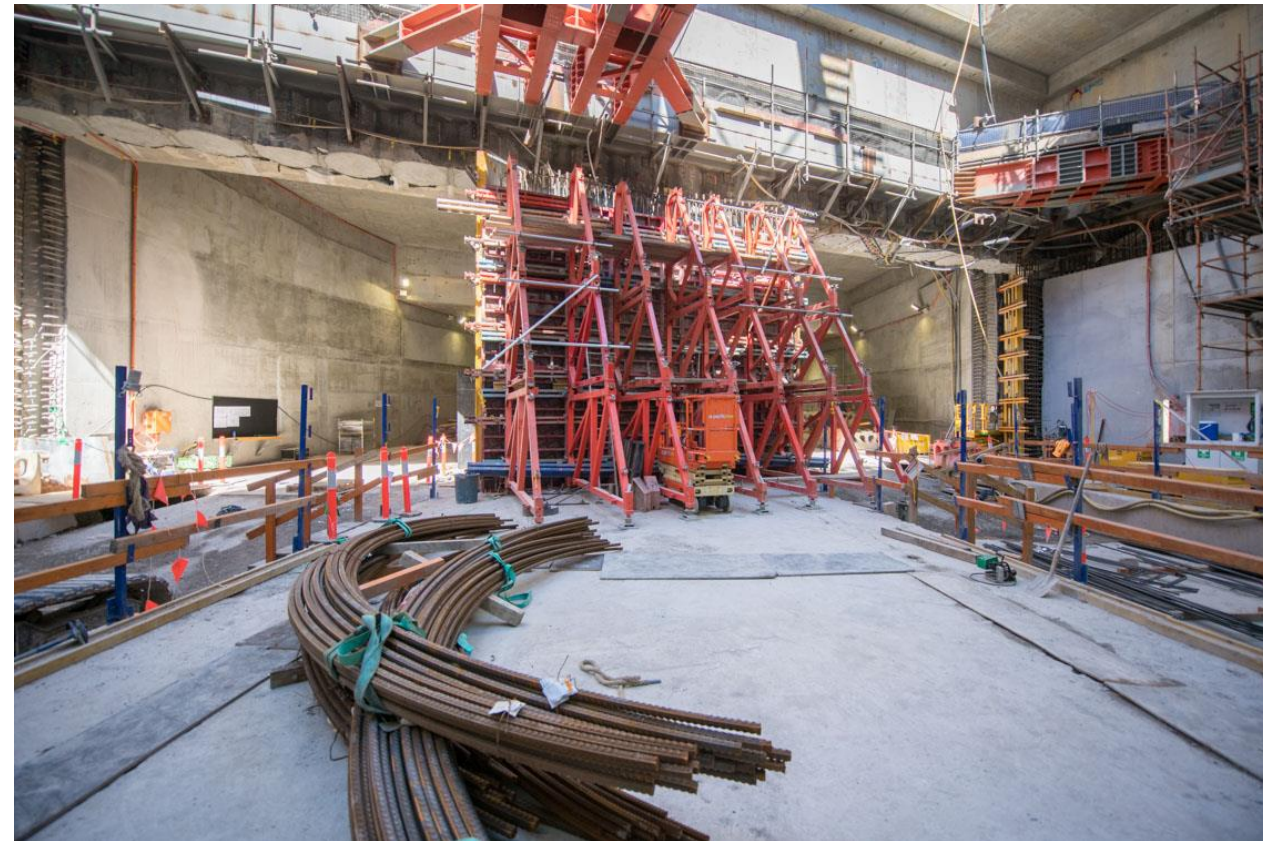
Tunnel works and cross passages





**February 2022**

Decline structure works





June 2022

B1 Slab and tunnel works





# October 2022

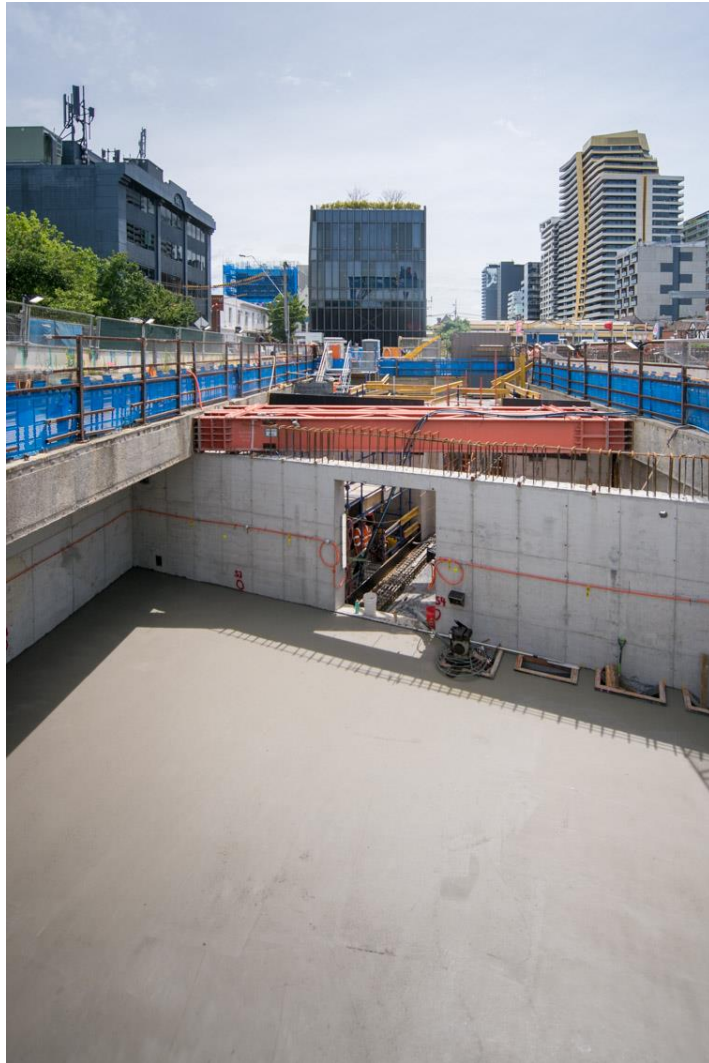
Rail arrived in August 2022, shaft form work and reinforcement





# November 2022

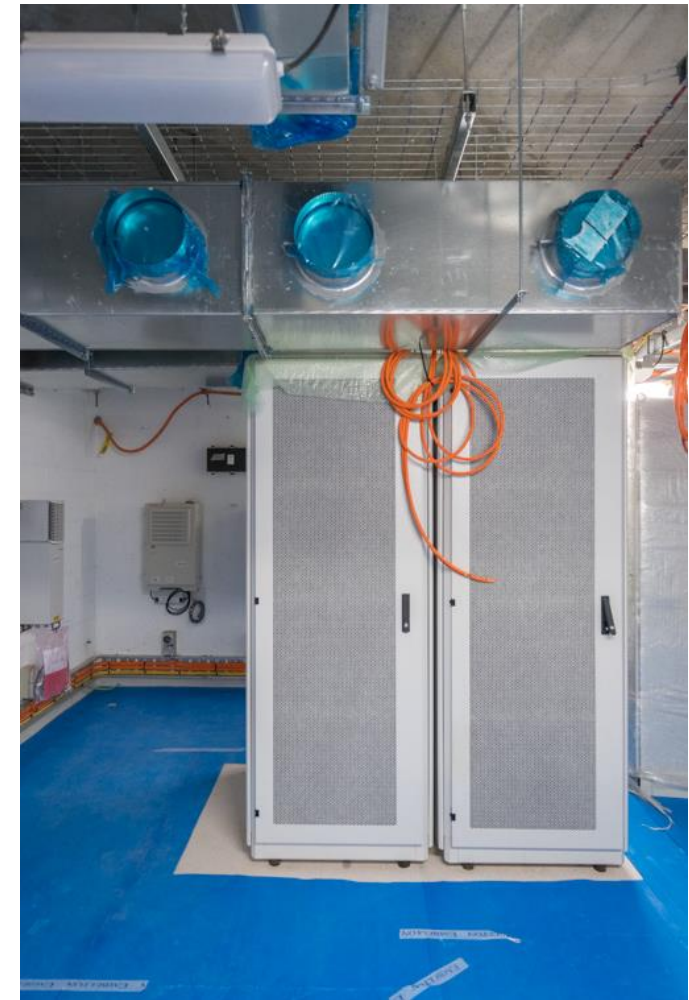
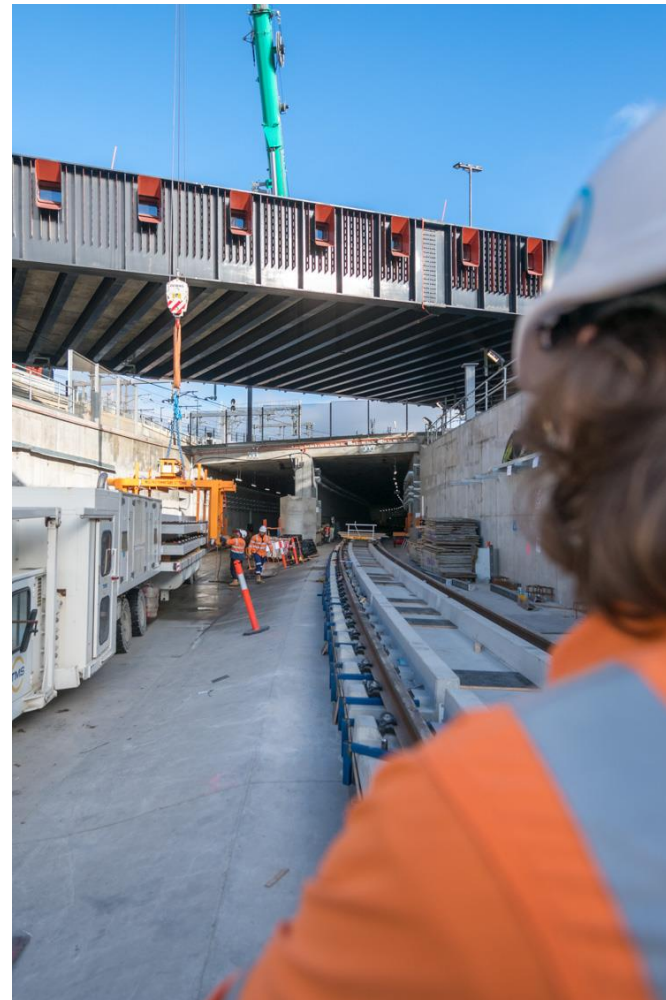
## Back of house construction and tunnel works





# February 2023

Track work, logistics from William Street bridge and back of house works





May 2023

Egress building fit out





November 2023



# CONSTRUCTION UPDATE - RNA



# Lovers Walk and William Street bridge reopened



At the end of October 2023, we reopened Lovers Walk and William Street bridge as part of works to complete the surrounding infrastructure and roads.

You can now take William Street between Toorak Road and Arthur Street, or Lovers Walk



South Yarra precinct



# Lovers Walk





# William Street bridge

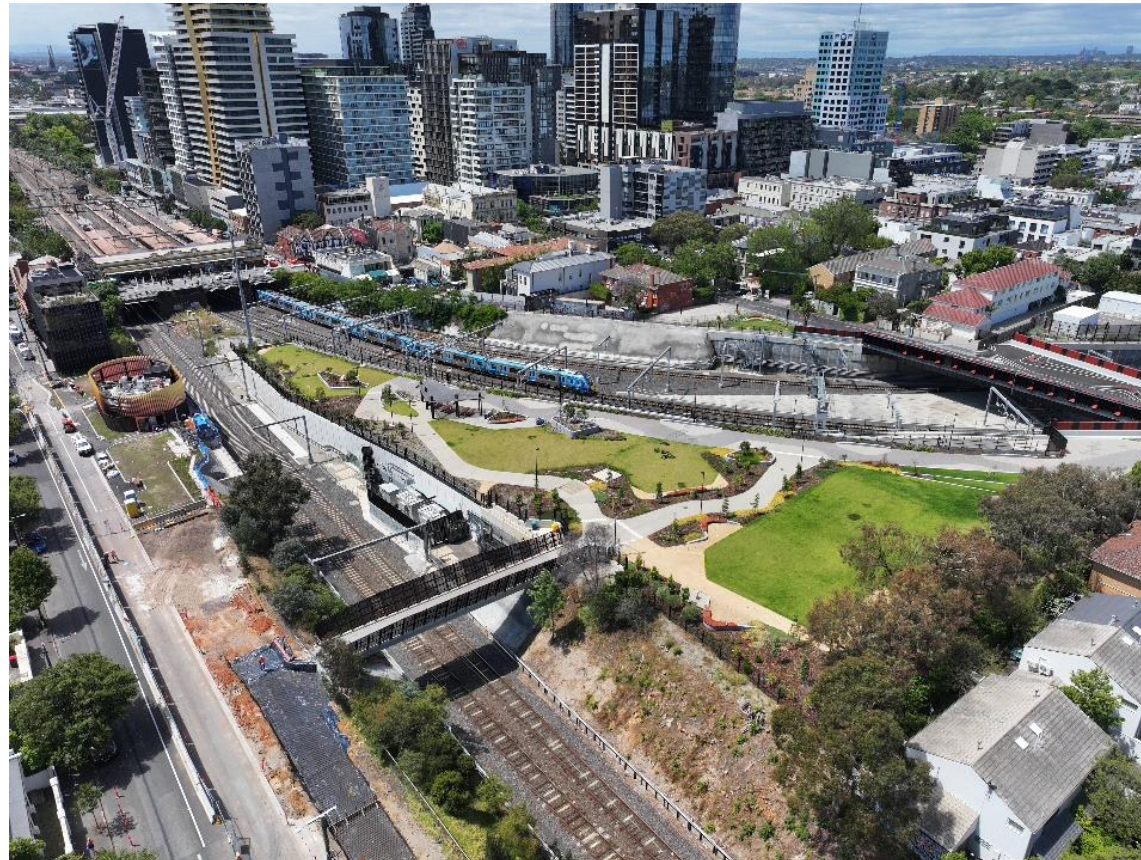


# Osborne Street bridge

Ongoing to March 2024



- Remaining works to complete the Osborne Street shared-use path (SUP) bridge started in November
- Works are expected to generate medium to high levels of noise with low to medium vibration.





# Siding Reserve artwork construction update



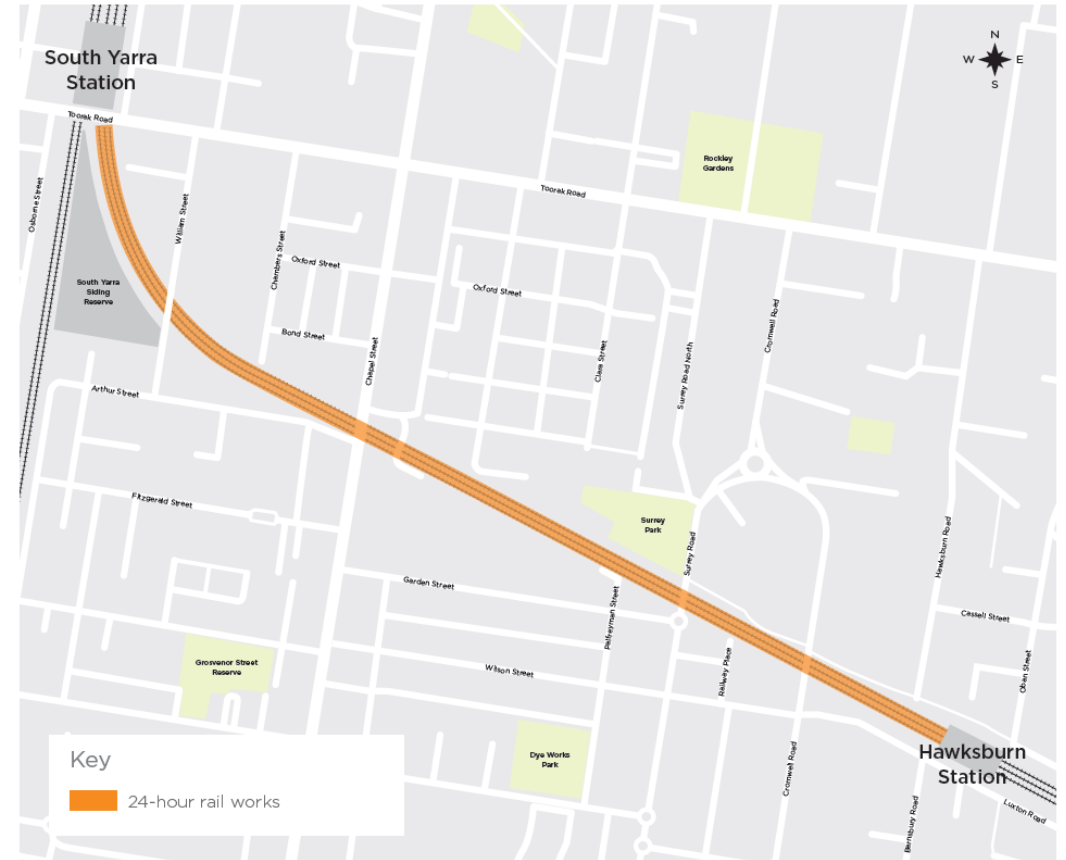
- The remaining works include clearing redundant materials and re-landscaping the site area
- These activities will involve the use of a small crane to remove the temporary scaffold and crews with handheld tools to clear any redundant materials and re-landscaping the site area.
- Works are expected to generate low levels of noise.

# Upcoming 24-hour rail maintenance works

Thursday 23 November to Monday 27 November



- Rail maintenance activities, including removing and relocating existing rail and signalling assets and upgrading signalling software along the rail corridor
- Testing and commissioning signalling assets
- These works are expected to generate medium levels of noise with intermittent periods of high-level noise. Where possible, higher impact works will be scheduled to take place during the day and noise reduction mats will be placed around generators



Indicative only



# Overnight Arthur Street closure

6pm Saturday 2 December to 7am Sunday 3 December



- To support these works within the rail corridor, a section of Arthur Street will be closed overnight from Saturday 2 December to Sunday 3 December.
- Installing a fence within the rail corridor near the rail maintenance staircase



Arthur Street, South Yarra road closure - Indicative only.

# COMMUNITY & COMMUNICATIONS UPDATE



# Communications

Recent and upcoming communications



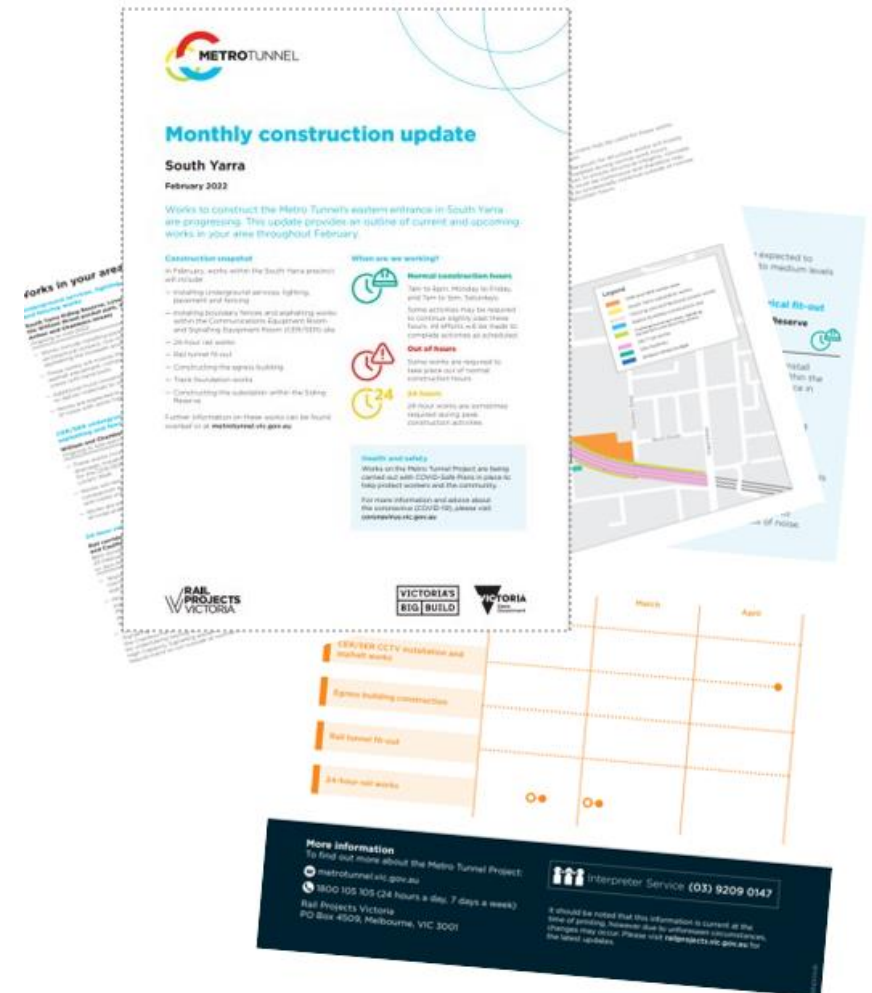
## Notifications and communications

### Current:

- Monthly construction update – November

### Upcoming:

- Arthur Street closure works notice



# **TUNNELS AND STATIONS PROJECT WIDE UPDATE**



# METRO TUNNEL PROJECT

August 2023

**QUESTIONS?**