



# Kensington Community Reference Group

Meeting 26

Tuesday 31 October 2023



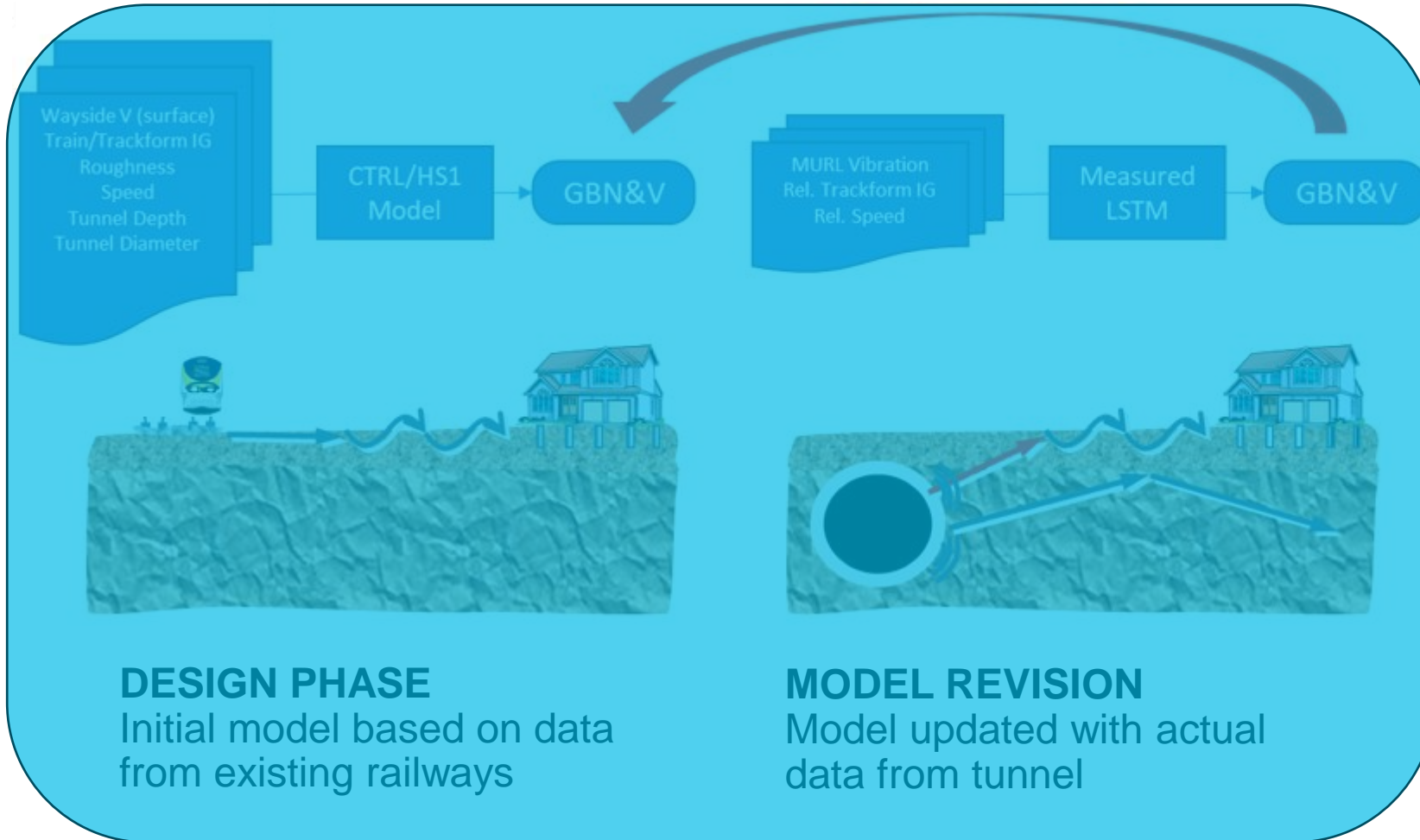
# Minutes and Actions

# Train Testing Update

*Presenter: Kate Walshe*

# Ground-Borne Noise & Vibration Process

Journey





# First Trains – 27 July 2023

Eastern Portal & Anzac Station



Eastbound Tunnel



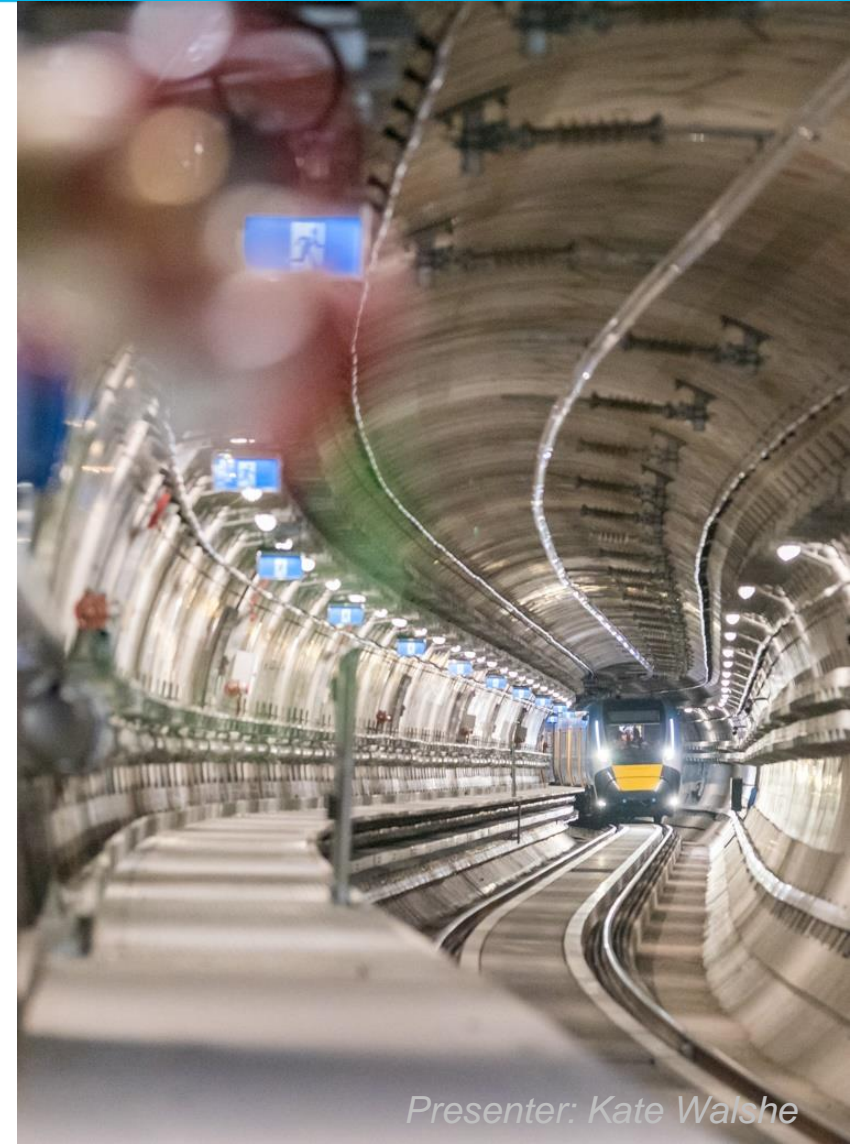
Westbound Tunnel



Anzac Station Eastbound Tunnel



Anzac Station Westbound Tunnel



*Presenter: Kate Walshe*



## Trains at Line Speed – 80 Km per hour

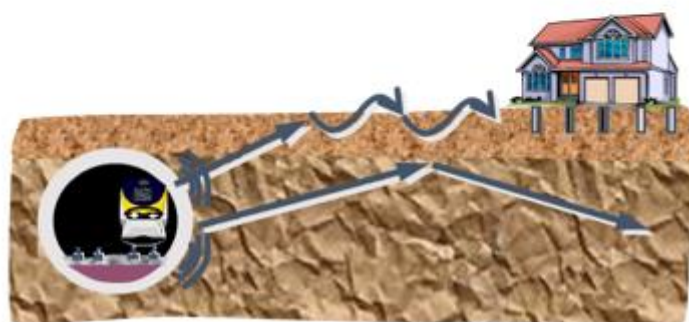


OFFICIAL: Sensitive

Presenter: Kate Walshe



## Configuration for Ground-Borne Noise & Vibration Validation



## Measurements taken during dynamic testing to demonstrate compliance



# Monitoring completed to date - as at October 2023

*Presenter: Kate Walshe*



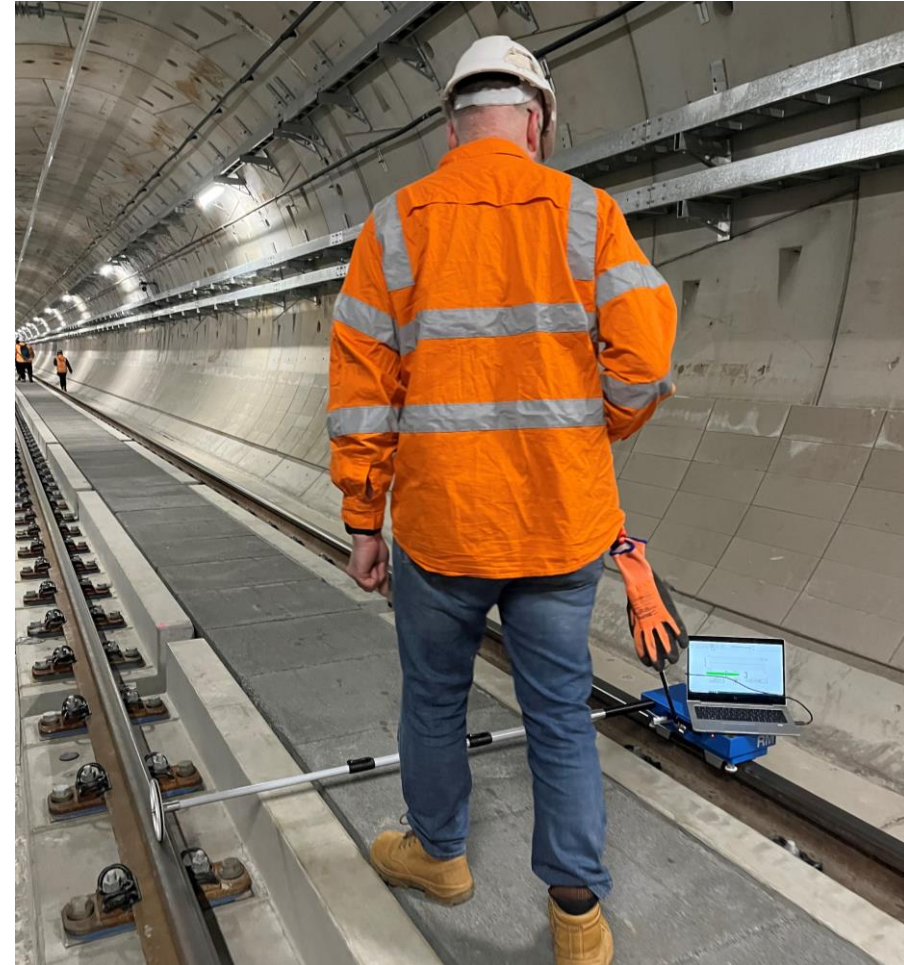
# Train Dynamic Testing

## 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



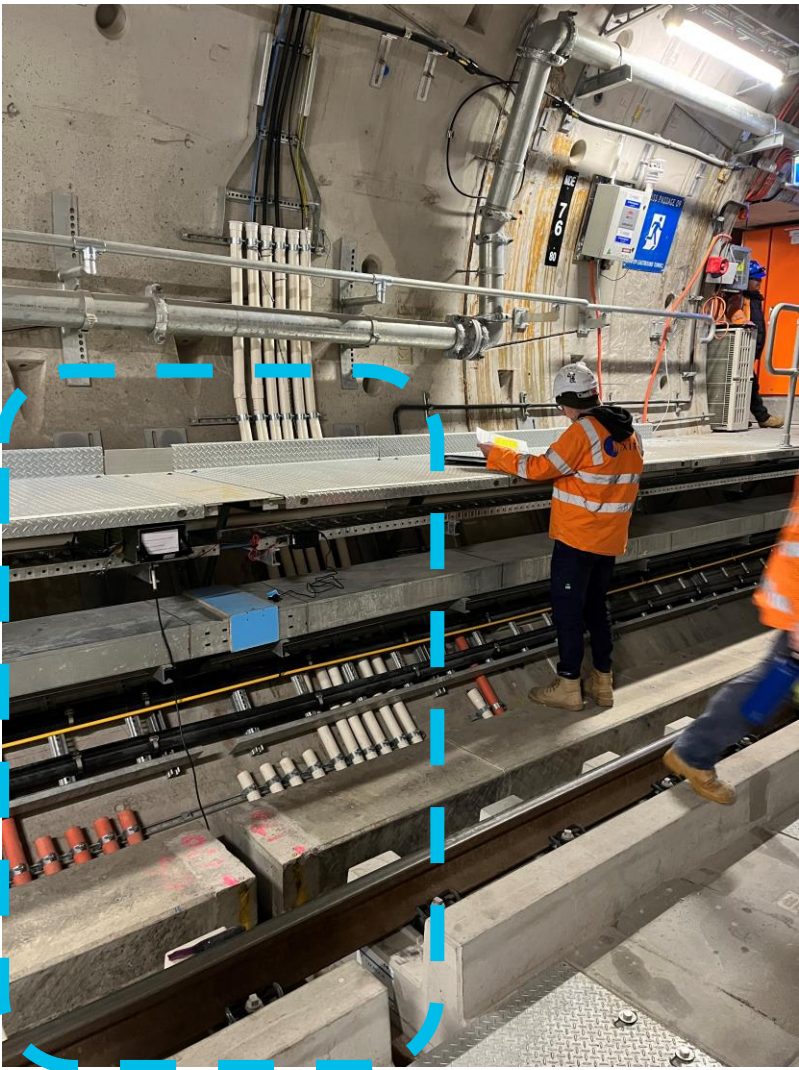
# Train Dynamic Testing

Track Form Transition and vibration monitor install



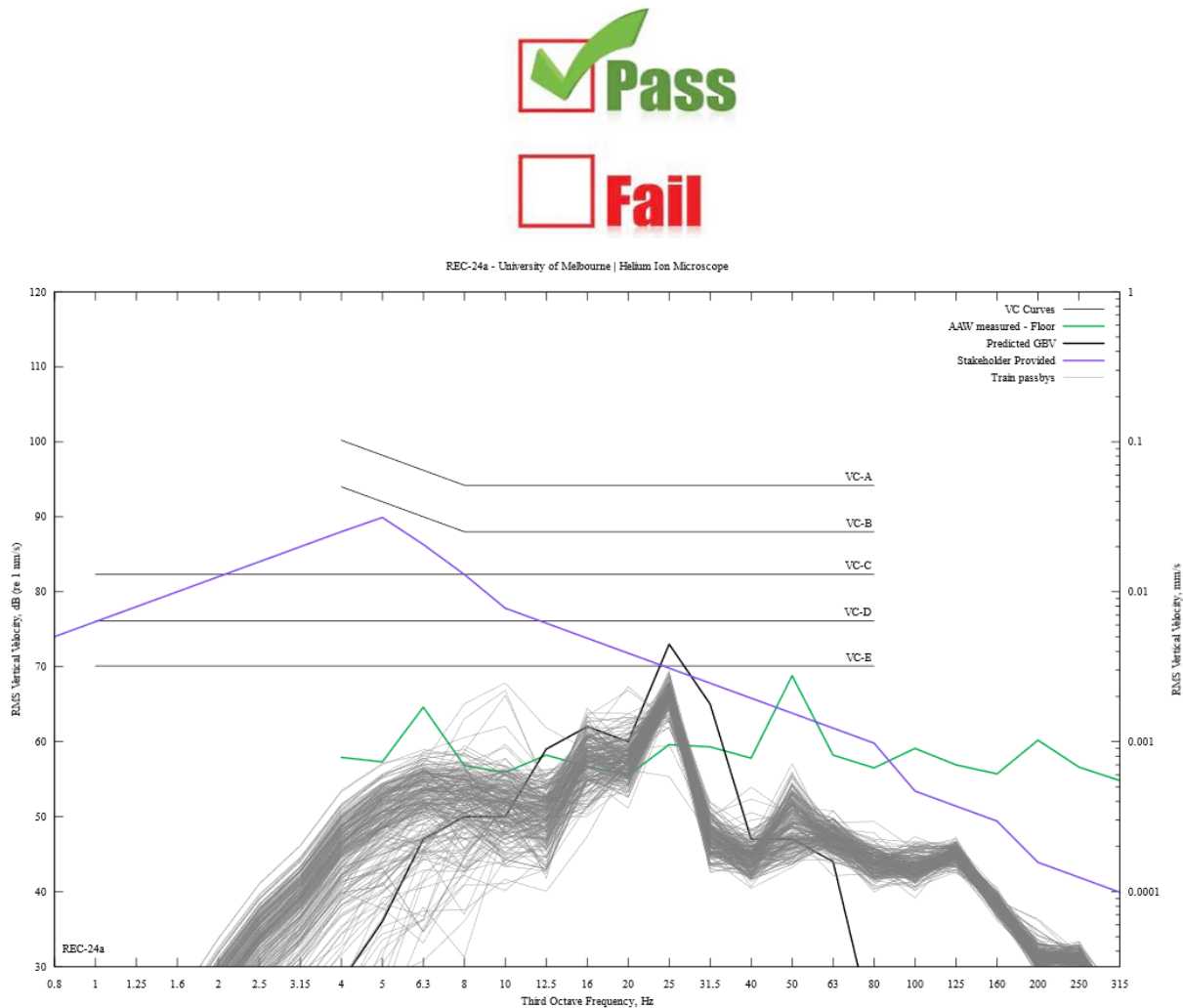
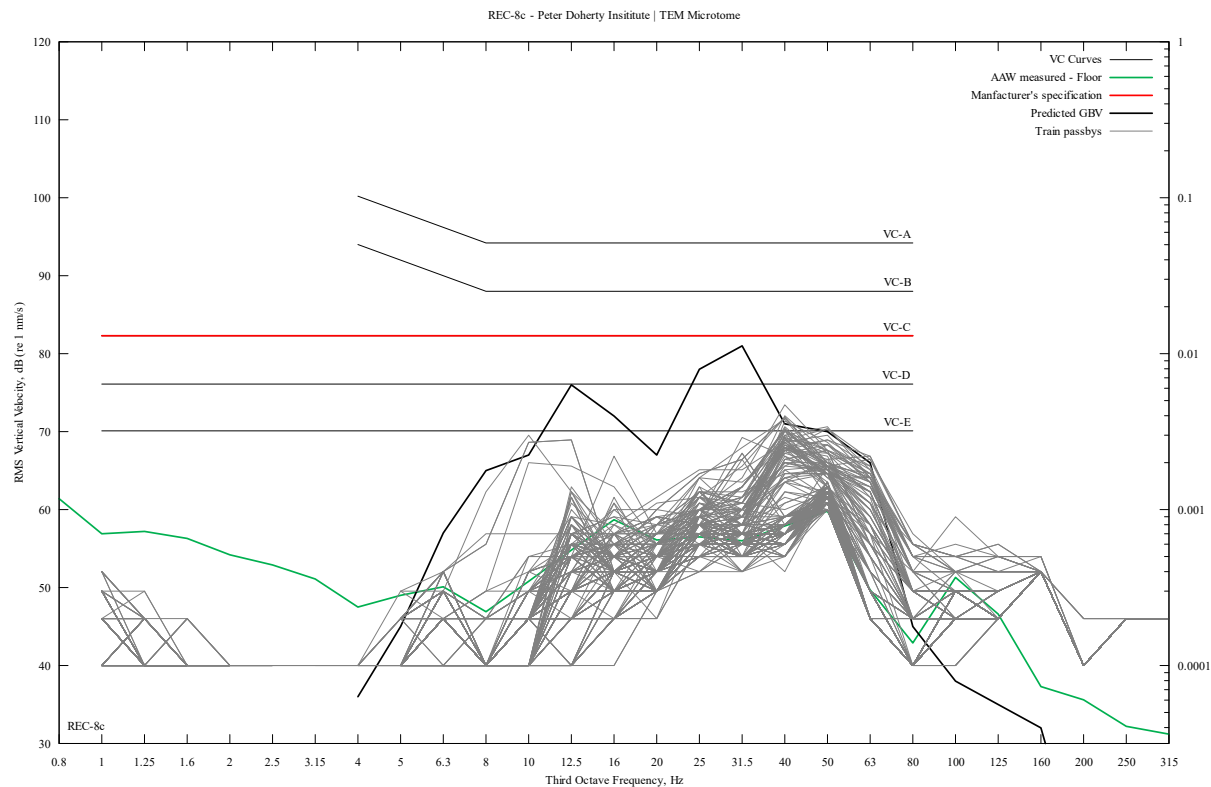
Track form vibration  
monitoring  
performance

Further Inspection of  
specific track forms  
installed





# Train Dynamic Testing Results





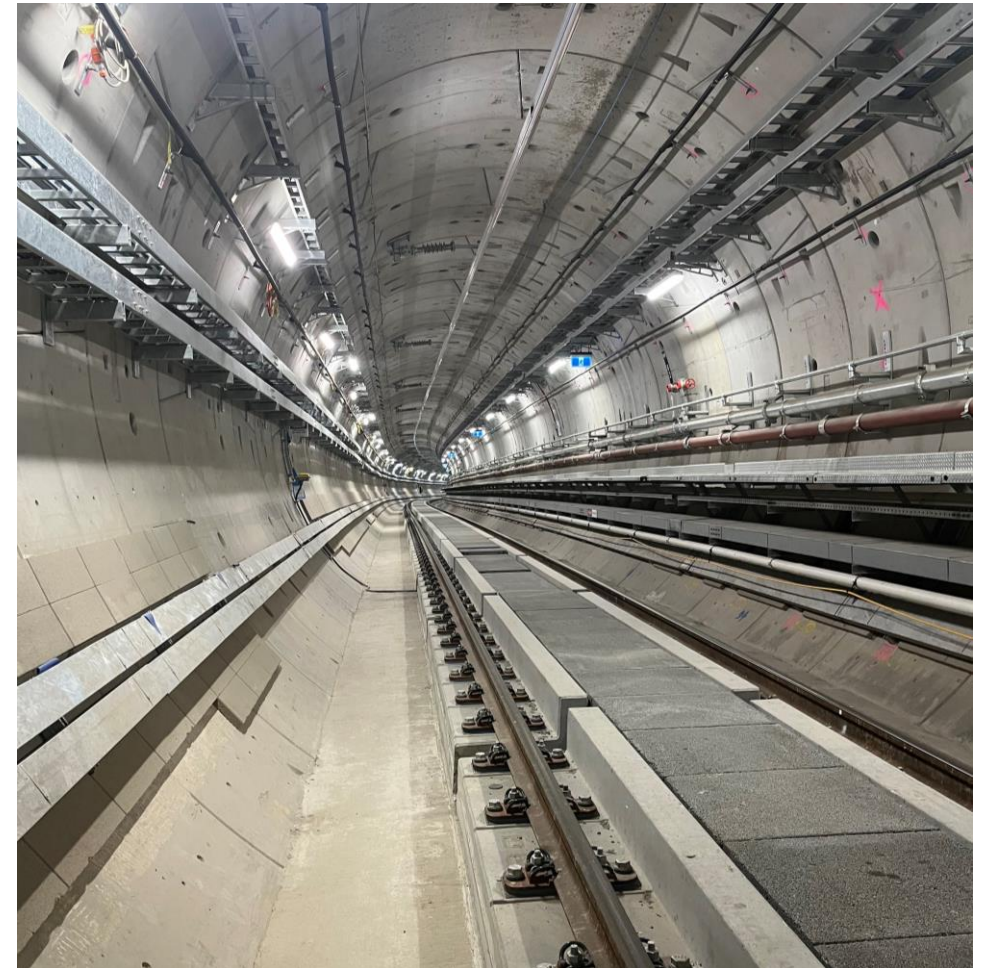
# Train Dynamic Testing

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



# Project-wide update

*Presenter: Christian Green*

# METRO TUNNEL PROJECT

## October 2023



# RNA - Update

*Presenter: Michael Prebeg*

# Development plan amendment – Hobsons Road

*Presenter: Michael Prebeg*

# Western portal development plan amendment

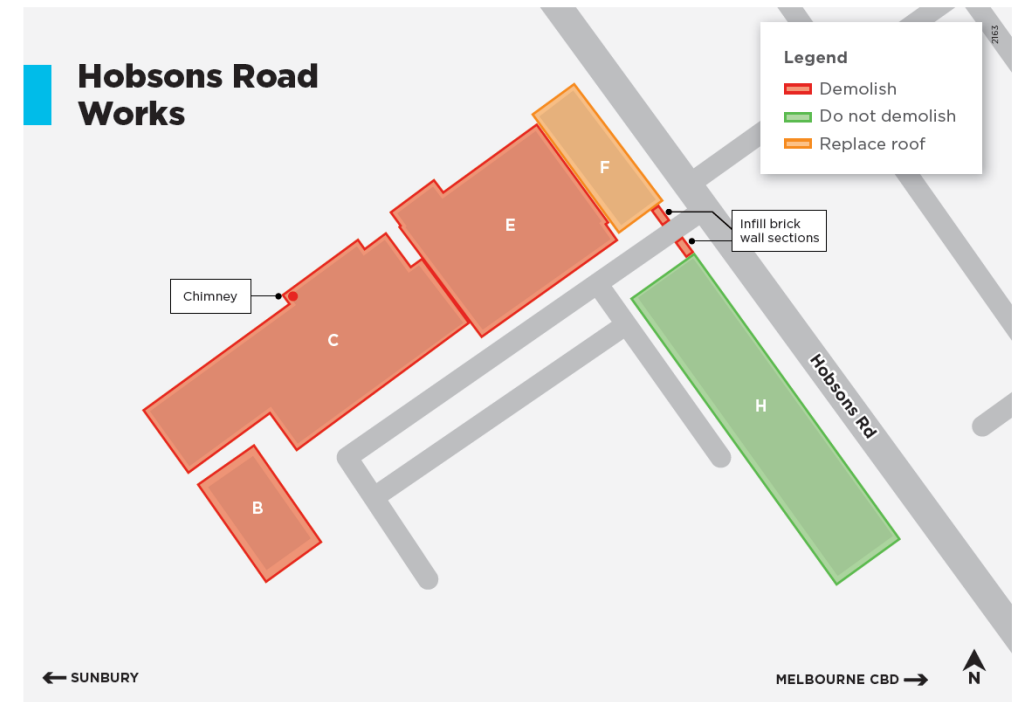
Public display



Draft amendments to RNA's Western Portal Development Plan were released for public display from Thursday 14 September to Friday 6 October 2023 via the Metro Tunnel website.

The amendment proposes to:

- Demolish three buildings at the rear of the property, and an infill wall located at the entrance from Hobsons Road. An investigation by independent structural engineers found these buildings are dilapidated, have deteriorated to a point where structural integrity has been compromised and are beyond repair
- Retain the two buildings which face Hobsons Road, with one having its partially collapsed roof replaced. The new roof will prevent the building's deterioration and allow for further uses in the future. The retention of these buildings will continue to provide a visual and historical reference of the site's former industrial uses.





## Key stakeholders consulted



- Metro Tunnel Urban Design and Architecture Advisory Panel, including the Office of the Victorian Government Architect
- City of Melbourne (Council)
- Melbourne Water
- Heritage Victoria
- Department of Transport and Planning (DTP)
- Kensington Community Reference Group



# Construction

*Presenter: Michael Prebeg*

# Western Portal



OFFICIAL: Sensitive

*Presenter: Michael Prebeg*



# Western Portal





# Construction update

Western Portal construction update – RNA remaining works



- Works to install the remaining bike hoops and other landscaping, including paving and asphalt around the station precinct will complete in mid-November
- Works will involve a small excavator and crews with handheld tools
- These activities are expected to generate low to medium levels noise.

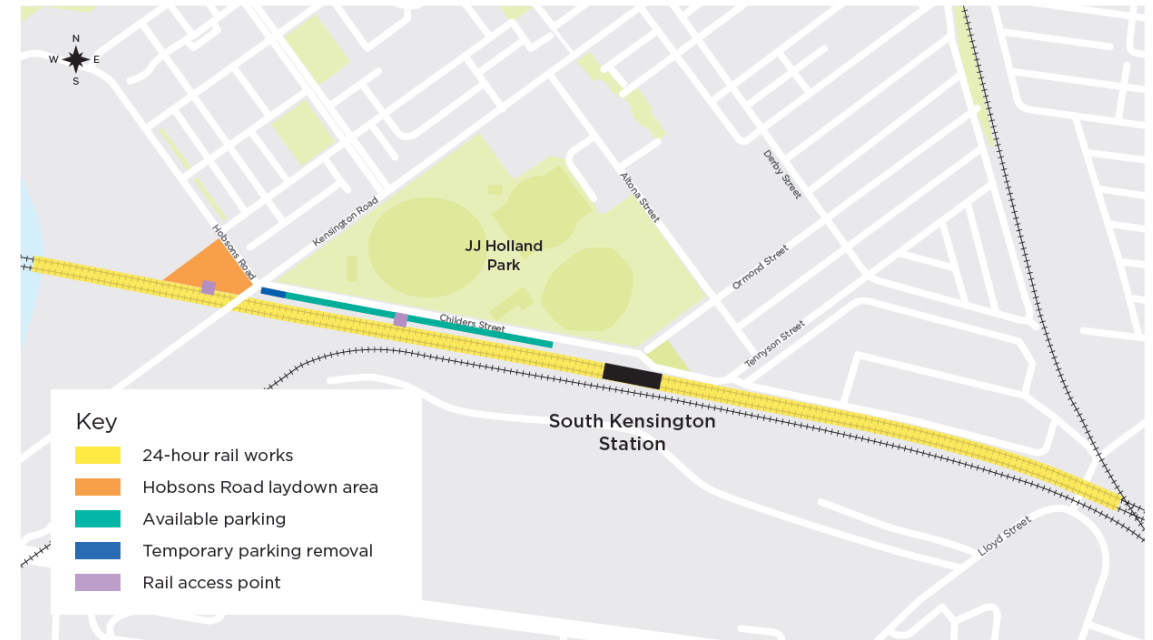


# Upcoming 24-hour rail maintenance works

9pm Thursday 23 November to 4am Monday 27 November



- To prepare the Sunbury Line for future services via the Metro Tunnel 24-hour rail works will take place on the Sunbury Line between North Melbourne and Sunshine stations in 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
- To support construction activities in November, there will be reduced parking on Childers Street. Accessible parking will remain available near South Kensington Station.



Indicative only

# Train testing within the tunnel

Ongoing to late 2023



- Following occupation works, RNA will continue Communication Based Train Control (CBTC) testing within the tunnel including the Southeast and Western corridor throughout 2023
- Testing within the tunnel will involve CBTC trains running between eastern and western tunnel entrance
- Train testing is expected to generate low impact noise.



# Kensington construction update

# Egress building

## Kensington construction update



- Temporary power infrastructure has been decommissioned and removed
- Currently progressing through the stages of testing and commissioning within the building including fire matrix testing and lift integration
- Minor remedial works are continuing within the Egress building in conjunction with commissioning processes.



Egress building

# Kensington flood wall overview

## Kensington construction update



- Preparatory works have commenced with pre-drilling works underway from within the tunnel entrance
- Construction works on the flood wall will involve the installation of supporting stub columns placed behind the wall and precast wall panels installed using a temporary crane located on Childers Street
- To support these works, the southern pedestrian footpath will be closed on Childers Street and temporary removal of some on-street parking will be required
- While aiming to reduce local road impacts, a combination of eastbound lane closures and full road closures on Childers Street will be in place during normal construction hours
- The project will work closely with LSBE ahead of lane or road closures on Childers Street
- Following the installation of the panels in early 2024, crews will also install further sections of 'A Day in Our Park' by artist Stephen Banham.



Flood wall and western rail corridor embankment

*Presenter: Christian Green*



# Kensington overview

## Kensington construction update



- Works will continue within the tunnel 24/7 between periods of dynamic testing
- Hi-rail plant will continue to access the tunnel via the Hobson's Road site and Childers Street
- Traffic controllers will continue to be in place directing plant access and egress at the tunnel entrance
- Further works to close an open section of the flood wall, used as a rail access point, will take place in late 2024.



Kensington flood wall and western rail corridor embankment



# Upcoming flood wall works

## Kensington construction update



### Works

- Placing stub columns that will sit behind the wall
- Application of precast panels
- Creative application

### Timing

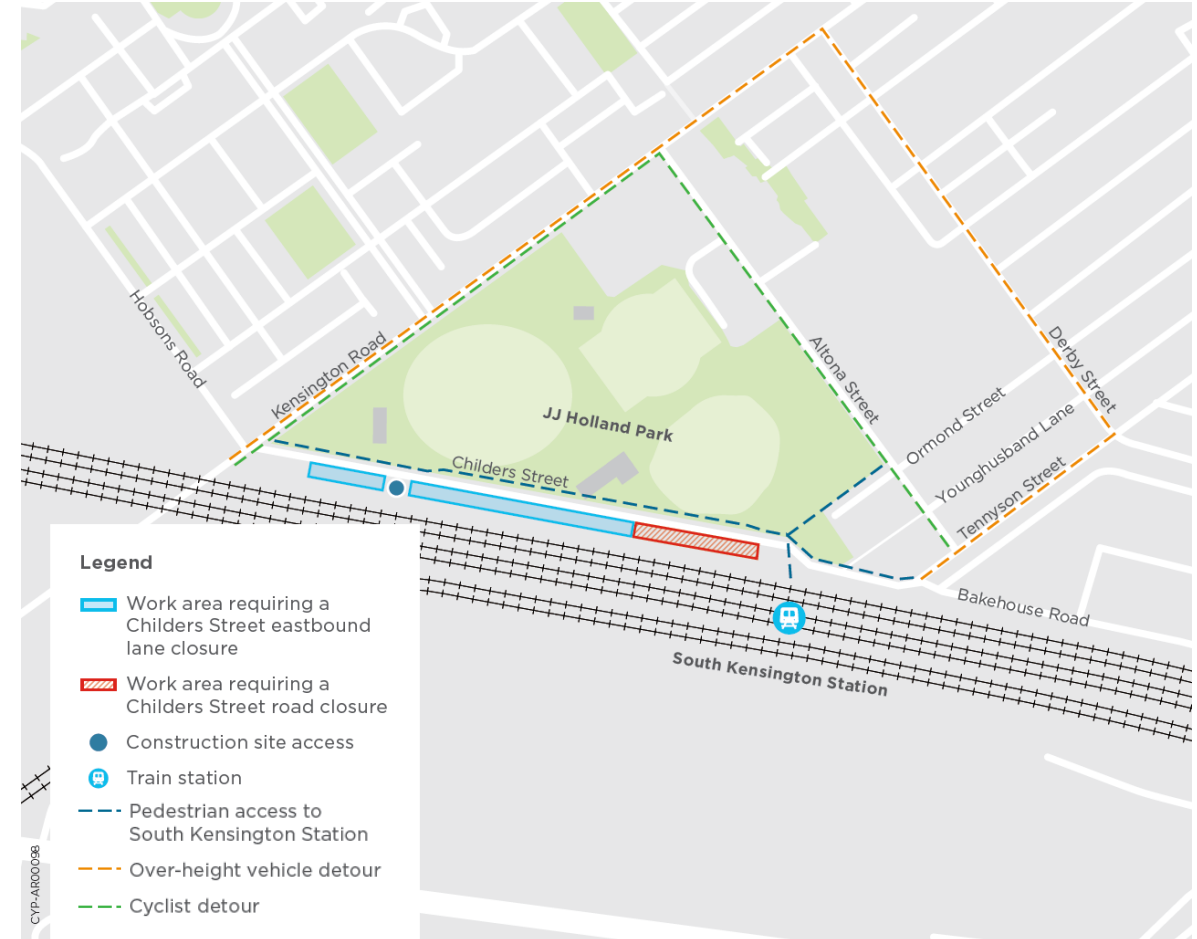
- Placing stub columns – 11 December to 22 December
- Construction shutdown period – 22 December to 8 January
- Installing precast panels – February 2024 (4 weeks)
- Creative application to be applied following installation of precast panels

### Works area

- Childers Street

### Traffic and pedestrian changes

- Childers Street closure - Monday 11 December to Friday 22 December
- Detour will be implemented via Tennyson Street
- Closure of the southern pedestrian footpath on Childers Street
- Rolling closure of on-street car parks



Indicative impression

# Late 2023 – 2024 lookahead

## Kensington construction update



Activity	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec
Egress building fit out • No traffic impacts														
Flood wall works • Some parking closures are required • Combination of lane and road closures														
Application of flood wall creative treatment • Some parking closures are required • Combination of lane and road closures														
Closure of the gap in the floodwall (late 2024) • Combination of lane and road closures														
Road rectification works (late-2024) (Signal works, truncation, installation of median, line marking) • Combination of lane and road closures														
Scheduled 24-hour rail maintenance for RNA • Some parking closures are required														
Ongoing testing within the tunnel • No traffic impacts														

# Communications and stakeholder engagement update

*Presenter: Michael Prebeg*

# Engagement activities

Communications and stakeholder engagement



## Notifications and communications

- Kensington: Construction bi-monthly update (August to September 2023)
- Kensington: Works notice – Childers Street out of hour works (September)
- Kensington: Works notice – Childers Street closure (October)
- Kensington: Construction bi-monthly update (October to November 2023)

## Door knocks, meetings, briefings and events

- Kensington: Lloyd Street Business Estate (LSBE)
- Kensington: fortnightly meetings with City of Melbourne
- Kensington: on-site stakeholder meetings, as required.



# Engagement activities

## Community update



### Parking permits

- Community advised the project will cover the cost of parking permits for an additional 12 months, through to 29 September 2024.
- A survey will be conducted following the completion of major works in Kensington.
- The community will be advised when major works are complete so they can observe parking in Kensington.

### Kensington Community Day

- RNA and CYP to hold the Kensington Community Day in 2024.



Childers Street

# Questions and answers

# Other Business

## Other business



**Next meeting:** To be advised