

Arden and Parkville Community Reference Group

Meeting 33

Friday 17 November 2023







Minutes and actions

Presenter: Chris Lovell

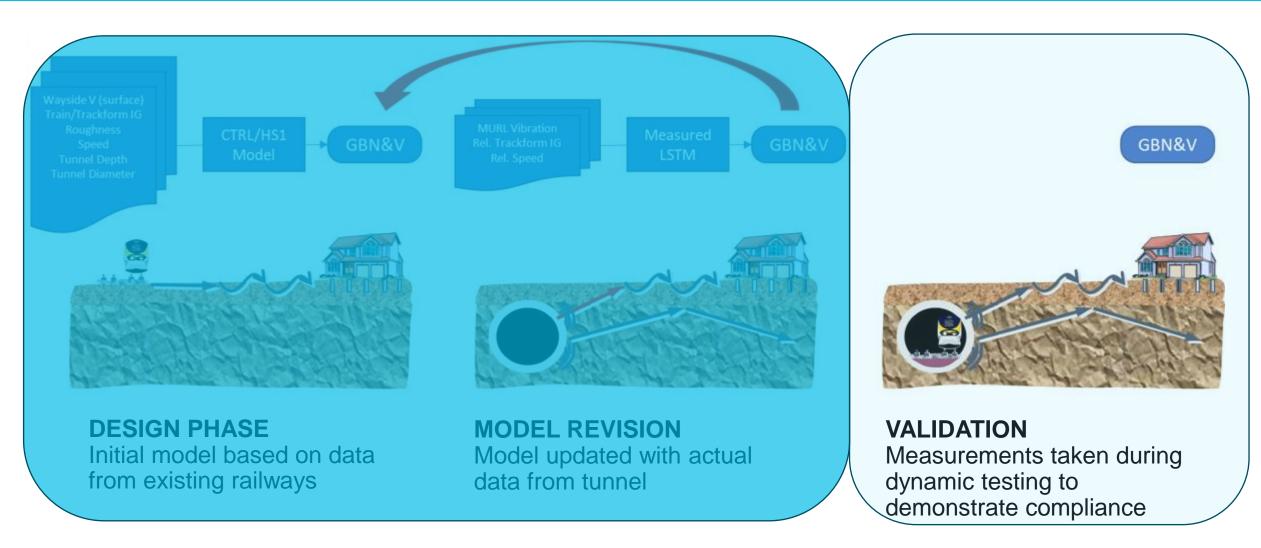


Train Testing Update

Presenter: Kate Walshe

Ground-Borne Noise & Vibration ProcessJourney





Presenter: Kate Walshe

First Trains – 27 July 2023

Eastern Portal & Anzac Station







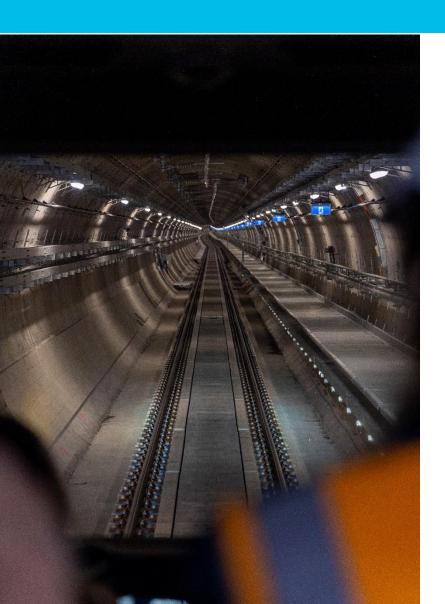


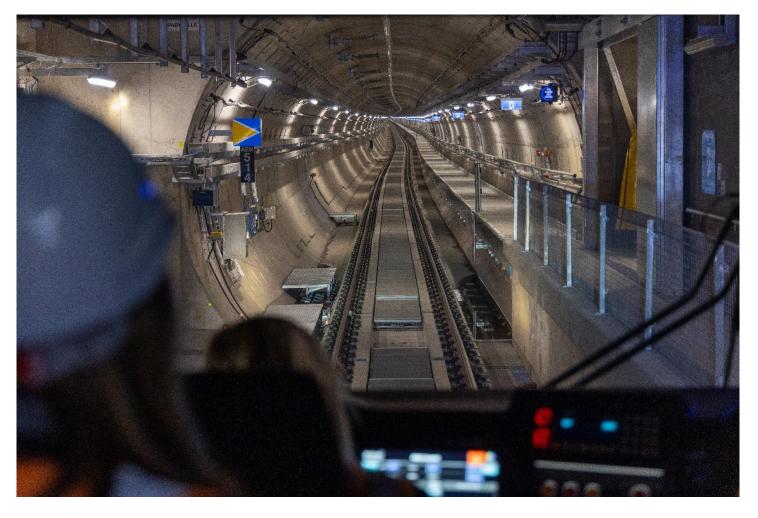




Trains at Line Speed – 80 Km per hour



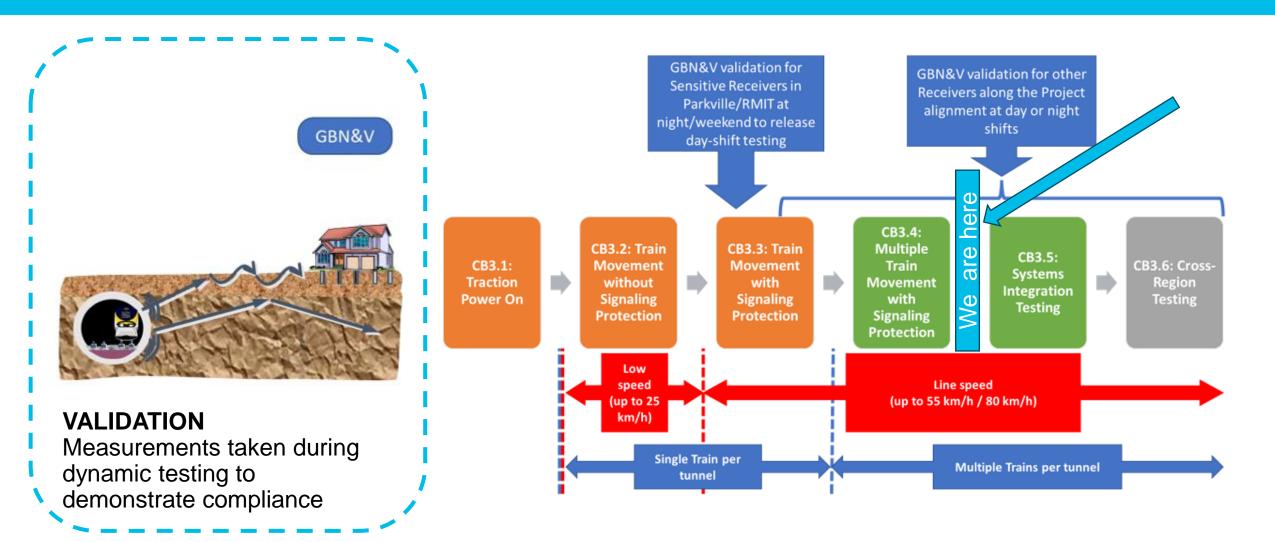




Presenter: Kate Walshe

Configuration for Ground-Borne Noise & Vibration Validation





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Presenter: Kate Walshe



Monitoring completed to date - as at October 2023

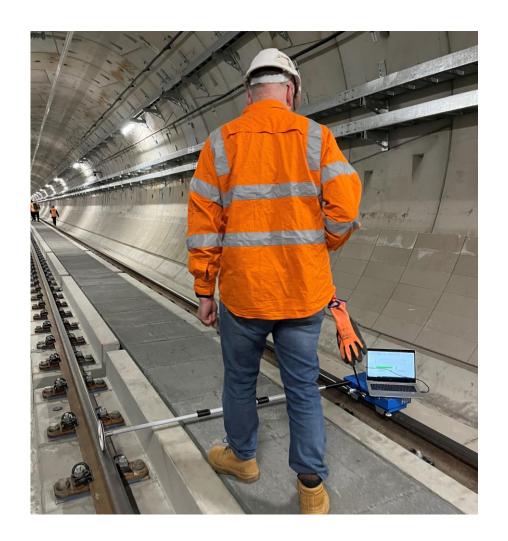
Presenter: Kate Walshe

Track Roughness Testing



Track roughness testing completed

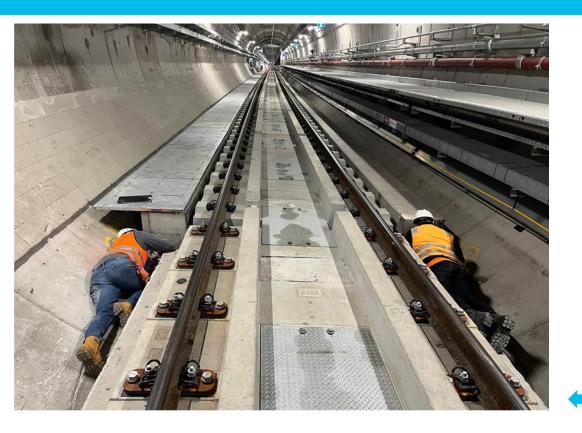
- Before DT (completed)
- During DT (completed)
- After DT (3.3) (completed)
- Late 2023 (scheduled)
- Track is performing as expected



OFFICIAL: Sensitive Presenter: Kate Walshe

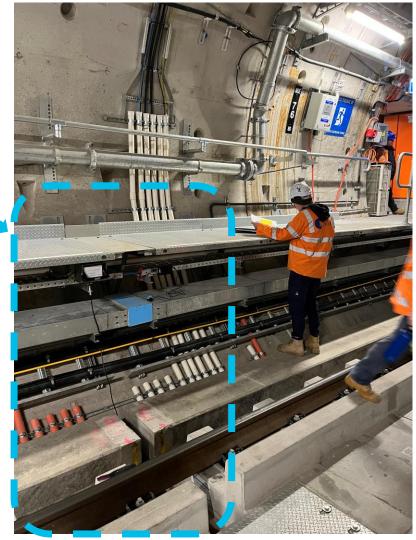
Track Form Transition and vibration monitor install





Track form vibration monitoring performance

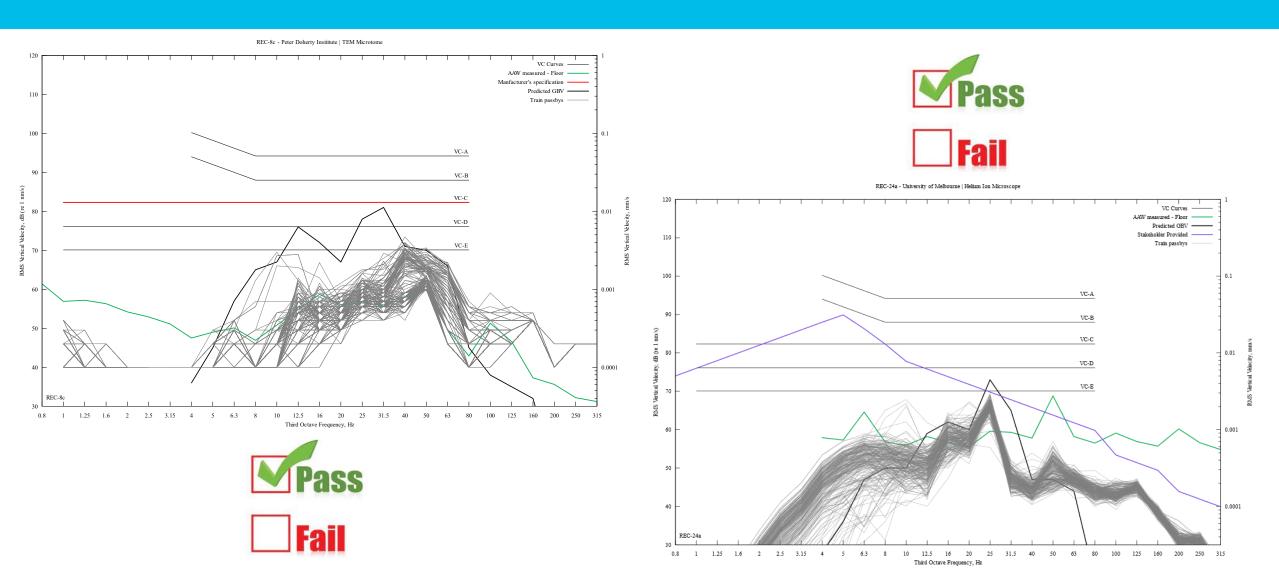
Further Inspection of specific track forms installed



Presenter: Kate Walshe

Results





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



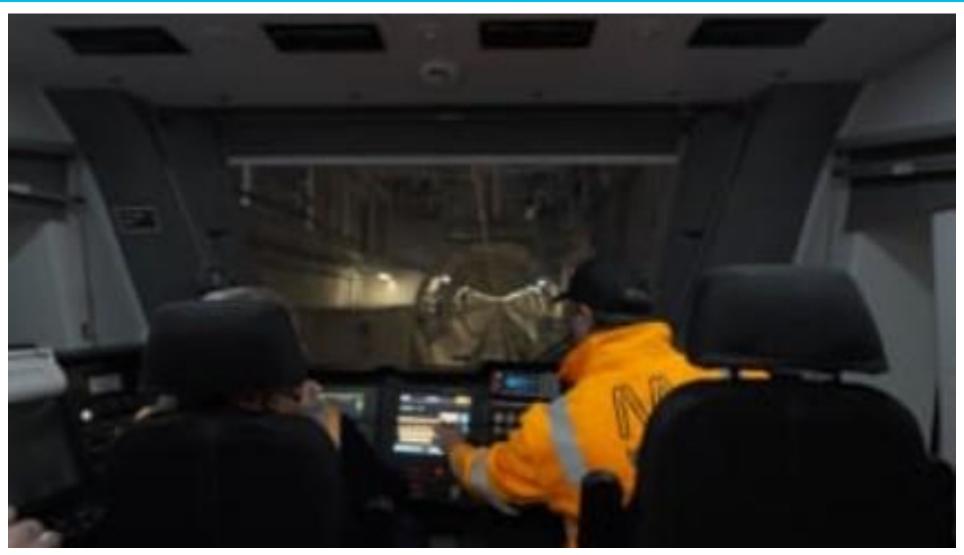


Project-wide update

Presenter: Christian Green

Project wide update





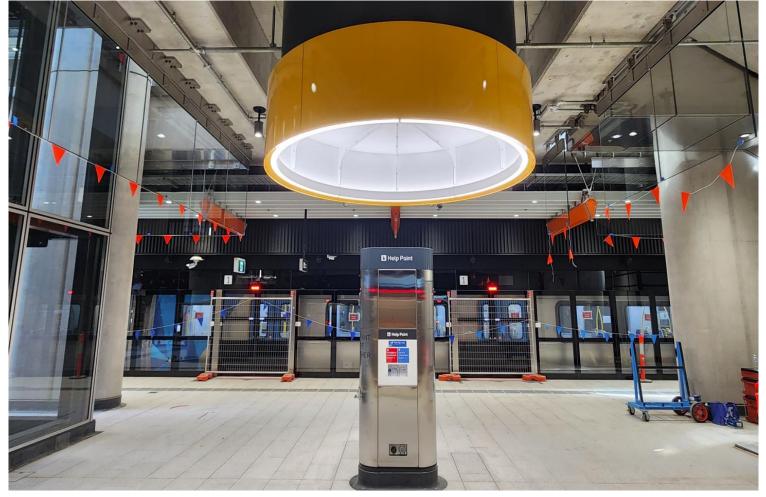


Construction update: North Melbourne

B2 – Platform level



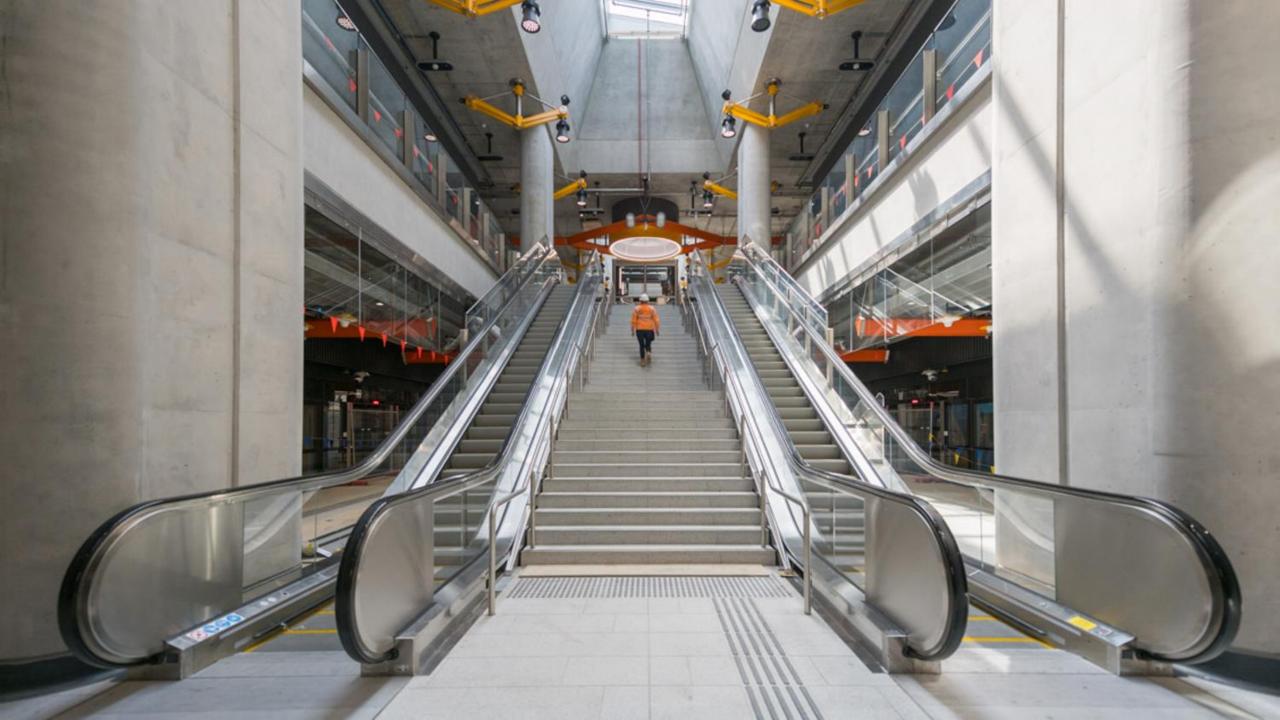
- Cladding, floor paving and glazing is complete on the platform
- Lighting is fully commissioned
- Customer help point totems installed
- Wayfinding signage installation ongoing
- Removal of protection and first clean is complete.



Installation of customer help point totems

OFFICIAL: Sensitive Presenter: Christian Green



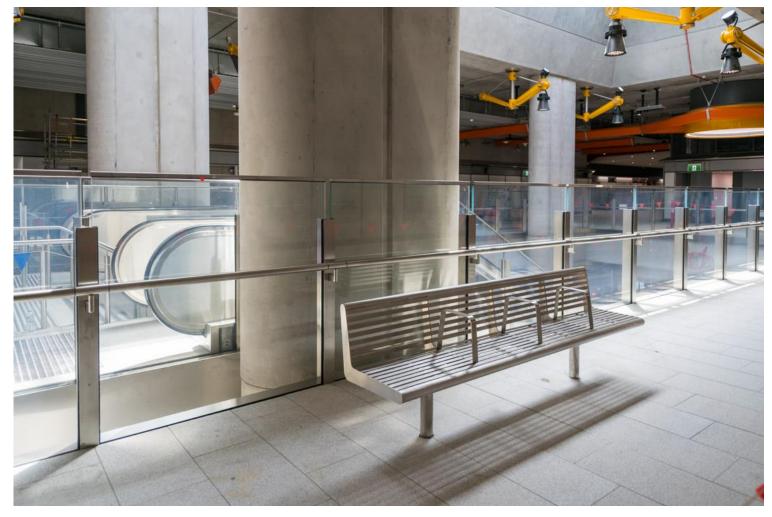




B1 - Concourse level

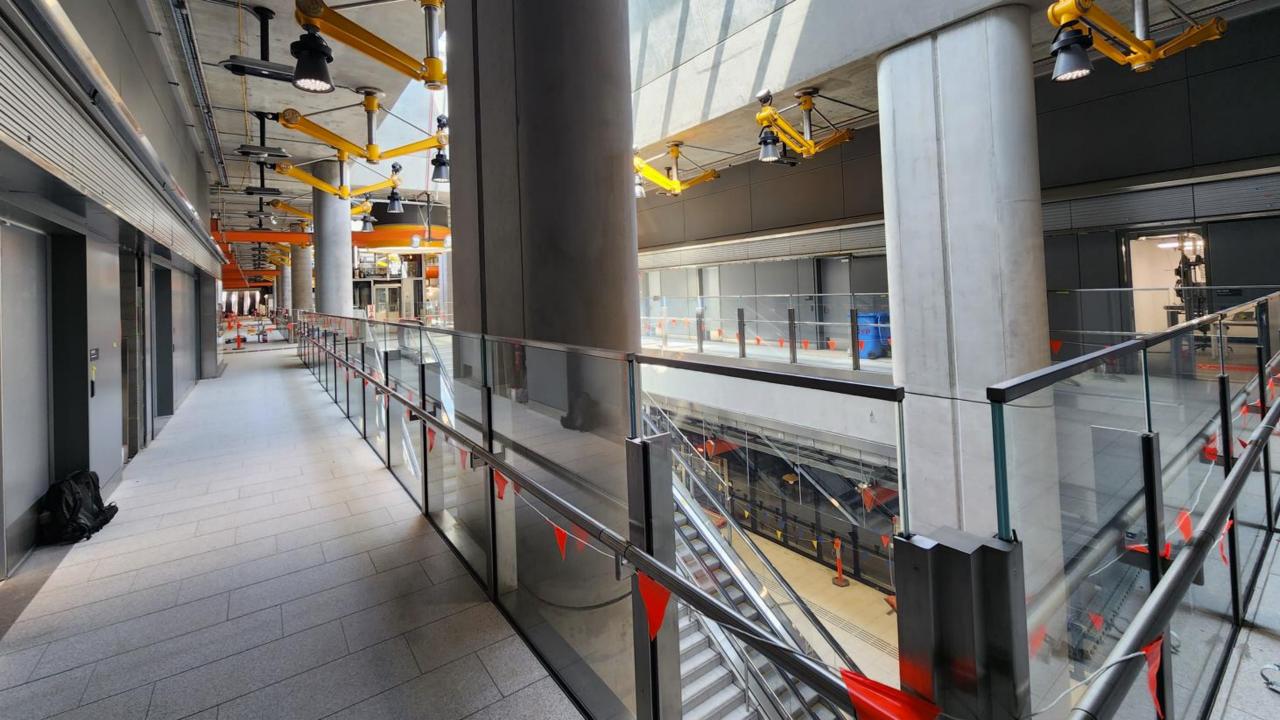


- Fit out of public bathroom amenities is complete
- Installation of all wall claddings and louvres is complete
- Wayfinding signage installation ongoing
- Removal of protection and first clean is complete
- Temporary lighting removed and permanent lighting has been commissioned.

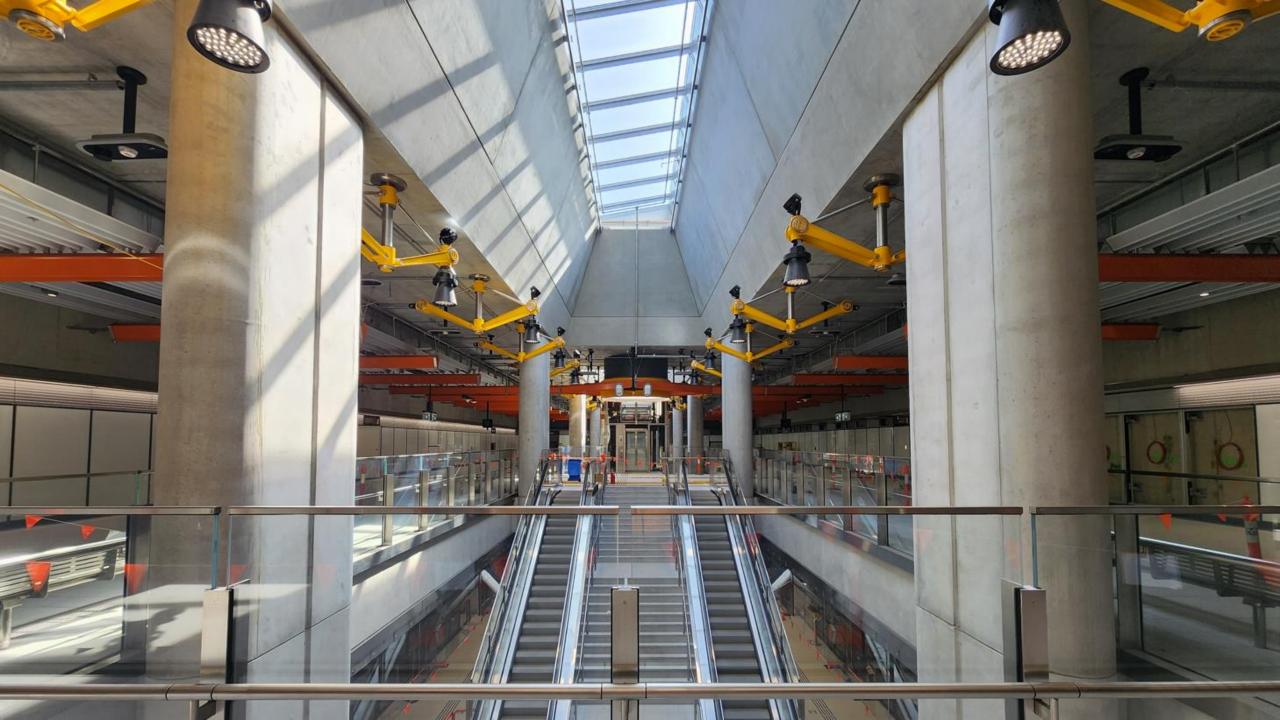


Installation of amenities on the concourse
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Surface works

Station entrance



- Installation of protective rain screen, glass balustrade, paving and seating is complete under the arches
- Myki gates installed and commissioned
- Gate line cladding ongoing with completion pending installation of wayfinding signage
- Installation of ceramic tiling on the western façade is complete
- Fit out of MTM customer ticketing offices is complete.



Paving complete within the station entrance

Presenter: Cameron Fields













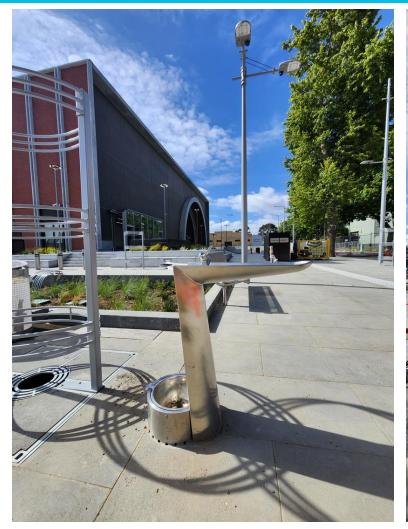


Surface works

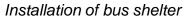
Laurens Lane



- Landscaping and tiling is complete on Laurens Lane
- Cyclone fencing has been installed around the perimeter of site
- Backfilling and topsoiling complete around the skylights with hydroseeding underway
- Installation of street furnishings including tree grates, drinking fountains and seating is complete.



Drinking fountain on Laurens Lane



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Presenter: Cameron Fields













Surface works

Public realm – roads and footpaths



- Kerbing, drainage and footpath installation is complete on Fogarty Street
- Final asphalt complete on Laurens,
 Barwise and Fogarty streets.



Fogarty Street freshly asphalted











Construction update: Intake sub-station (ISS)

Presenter: Christian Green

Intake substation (ISS) fencing and landscaping



- Fencing installation is expected to occur in early
 2024
- Discussing optimum planting timeframes with subcontractors
- Fencing installation and landscaping works may require short term width reductions of the shared use path in this section of the path, south of Arden Street
- Pedestrian and cyclist movements will be maintained with traffic controllers on hand to assist when required.



Location of fencing at the ISS

Lookahead

Arden Station



Activity	Nov	Dec	Jan	Feb	Mar	Apr
Surface and utility works						
Station fit out and finishes						
Arden Station testing and commissioning						
Site demobilisation (including Holcim)						
ISS fencing and landscaping						
Public realm finishing works Street lighting and traffic signals						
Station building eastern façade installation						
Dynamic testing and trial operations support						

OFFICIAL: Sensitive Presenter: Christian Green



Communications and Stakeholder Engagement Update

OFFICIAL: Sensitive Presenters: Christian Green

Communications and Engagement Update



Notifications and Communications

- North Melbourne: October/ November bimonthly construction update
- North Melbourne: Barwise Street road resurfacing works
- North Melbourne: Laurens Street road resurfacing works
- North Melbourne: Laurens / Queensberry Street road resurfacing works

Door knocks, meetings, briefings and events

- North Melbourne: Discussions with properties on Laurens Street regarding profiling and asphalting works at the intersection
- North Melbourne: on-site stakeholder meetings, as required.

Presenters: Christian Green



Construction update: Parkville

Presenter: Patrick Walsh

18-month overview







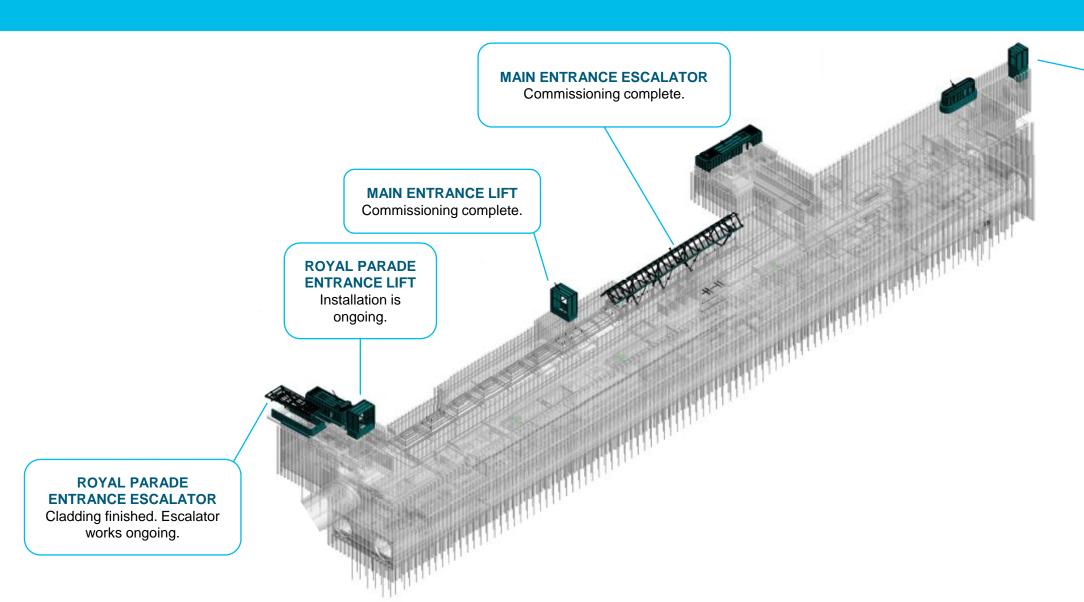
Grattan Street east



Station entrances

Surface and fit out works





GOODS LIFT

Lift 11 structure complete, lift installation commenced.

Chiller Plant and Tunnel Ventilation Shafts



Chiller plant

- Façade and internal walls are complete. Services fit out ongoing
- Chiller trench works complete, services installation ongoing.

Western Tunnel Ventilation System

Complete

Eastern Tunnel Ventilation System

- Complete
- Façade stonework ongoing.

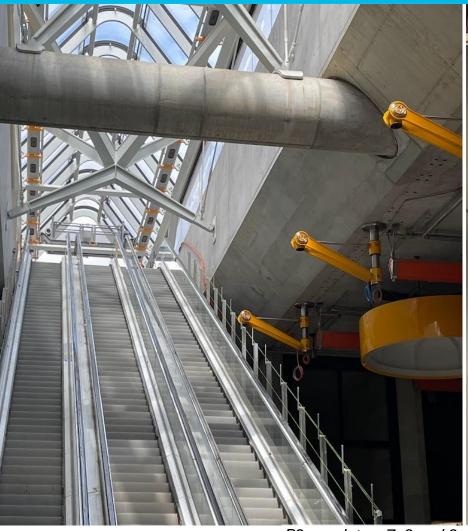


Chiller plant structure

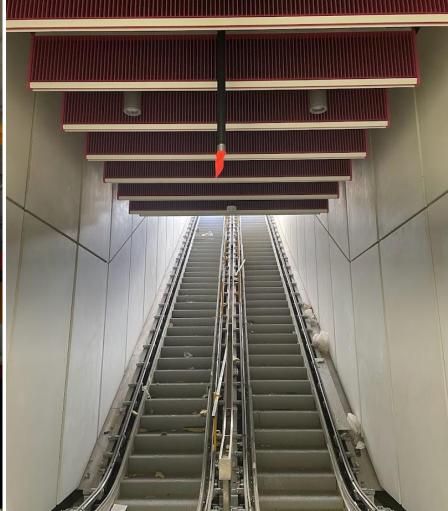
MEP and fit out works Station box



- B1: Commissioning zone, power and lighting on. Final finishes ongoing, including painting and flooring
- B2: Finishes and fit out works ongoing, upper-level cladding is progressing, colourback glass complete. Final north retail façade ongoing, and remaining bracketry.
 Stone flooring, MEP brackets and services fit off ongoing
- B3: Commissioning zone, power and lighting on. Final finishing on back of house facilities
- B4: Commissioning has commenced. Architectural fit off, drum light installation MEP brackets complete. Artwork stone installation has commenced.



B2 escalators 7, 8 and 9



B2 escalators 1 and 2

Presenter: Patrick Walsh

Station surface



- Minor backfill activities ongoing
- Asphalt ongoing
- Bluestone paving ongoing
- Service installation ongoing, including drainage
- Sewer and water main complete.



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Presenter: Patrick Walsh



Grattan Street west and the Royal Parade underpass

Presenter: Patrick Walsh

Station entrances

Surface and fit out works

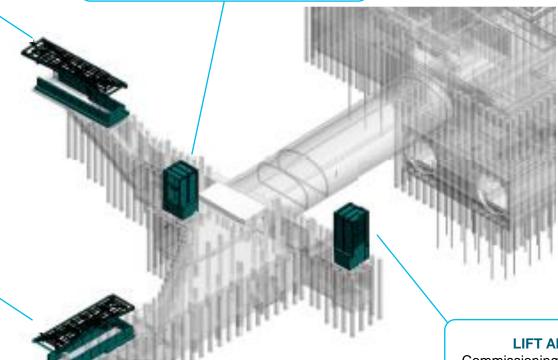


ESCALATOR ADJACENT RMH

Cladding complete, façade works ongoing.

LIFT ADJACENT RMH

Commissioning complete. Stone ongoing.



ESCALATOR ADJACENT VCCC

Escalator installation complete.

Commissioning ongoing. Façade works ongoing.

LIFT ADJACENT VCCC

Commissioning complete. Stone ongoing.

Grattan Street west and the Royal Parade underpass

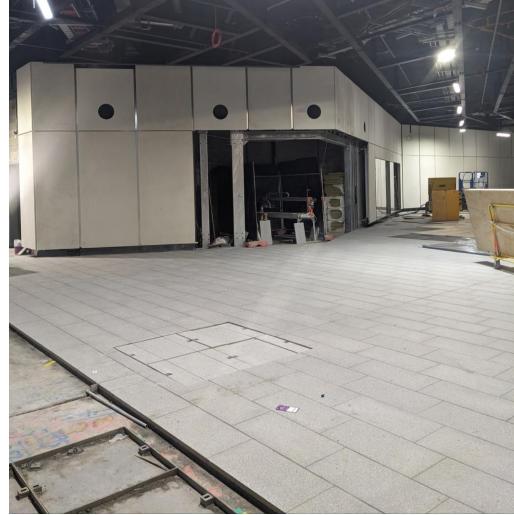


Grattan Street west

- Typical panels leading to the escalators ongoing
- Shark tooth steel and shark tooth ceilings complete
- Service bracketry and services fit off works ongoing.

Royal Parade underpass

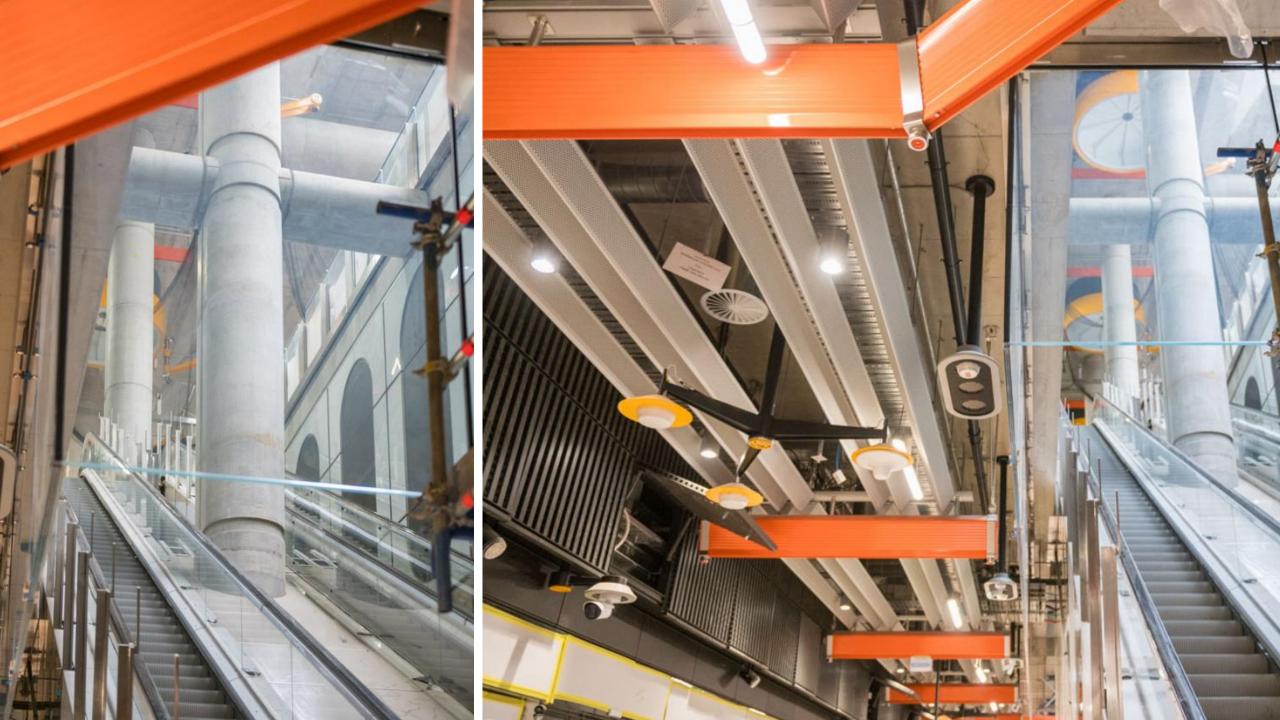
Floor stonework 50% complete.



Grattan Street west























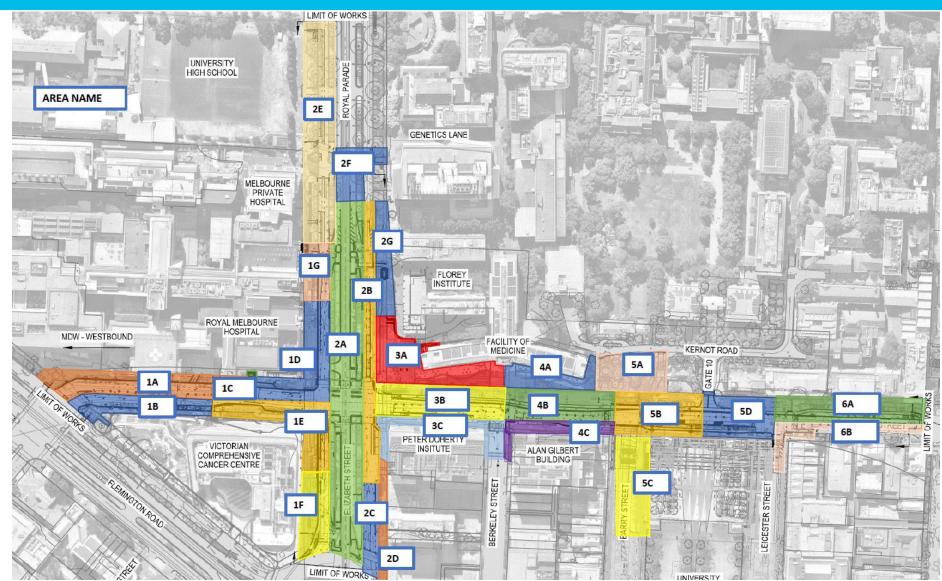
Reinstatement and public realm works

Presenter: Patrick Walsh

Reinstatement and public realm works

Work stages



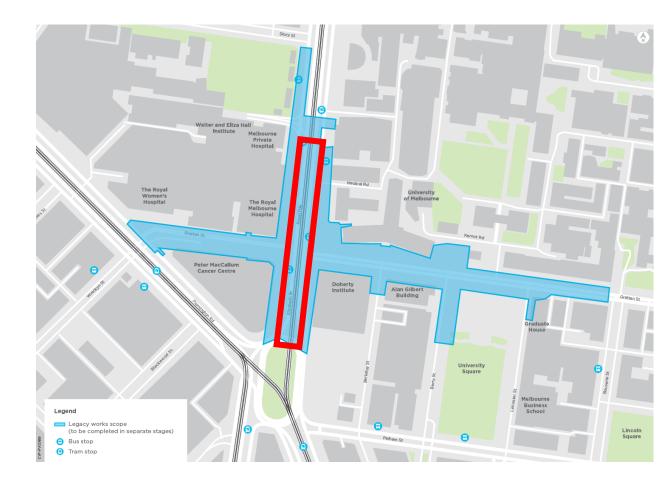


senter: Patrick Walsh

Works for tram occupation/residual works



- Public realm and reinstatement works, including service installation, footpath and roads, are substantially complete on Elizabeth Street and Royal Parade
- Some areas remain partially closed with traffic arrangements or pedestrian diversions in place for kerb and median works to enable the tram occupation, or residual works to be completed.



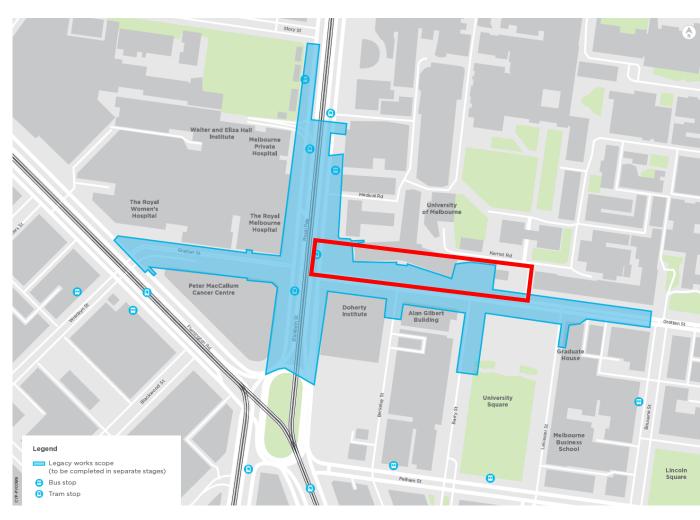
Presenter: Patrick Walsh

Stage 3A/4A/5A – Grattan Street east between Royal Parade and the University of Melbourne medical building



Reinstatement and public realm works

- Timing:
 - Ongoing January 2024
- The works area will include:
 - The northern Grattan Street footpath between Royal Parade and the eastern side of the University of Melbourne Medical Building
- Traffic and pedestrian changes:
 - Pedestrian diversions will be implemented during stages of the works. Diversions will be staged to minimise disruption
 - Access to the University of Melbourne medical building will be maintained
 - Further detailed discussion with stakeholders will be undertaken and a works notification will be provided for these works.



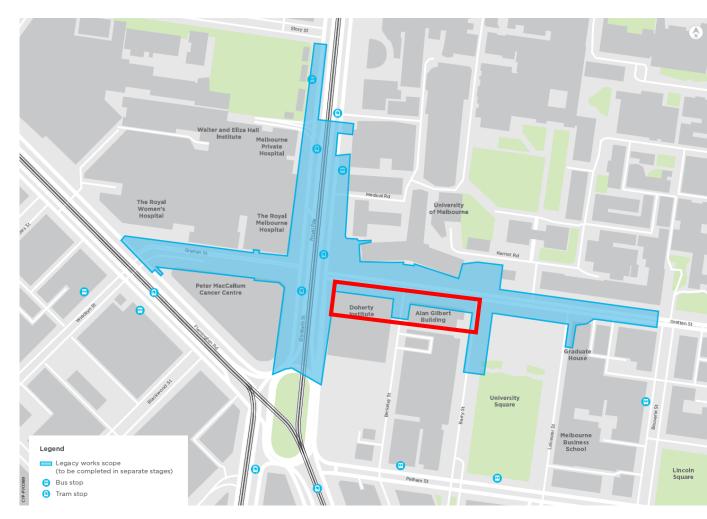
Presenter: Patrick Walsh

Stage 3C/4C – Grattan Street between Elizabeth and Barry streets

Reinstatement and public realm works and water main installation



- Timing:
 - Ongoing Late December 2023
- The works area will include:
 - The southern Grattan Street footpath between Elizabeth and Barry streets
- Traffic and pedestrian changes:
 - Pedestrian diversions will be implemented during stages of the works via Haymarket Walk, Barry Street and Pelham Street
 - Access to the Doherty Institute and Alan Gilbert Building will be maintained and diversions will be staged to minimise disruption.



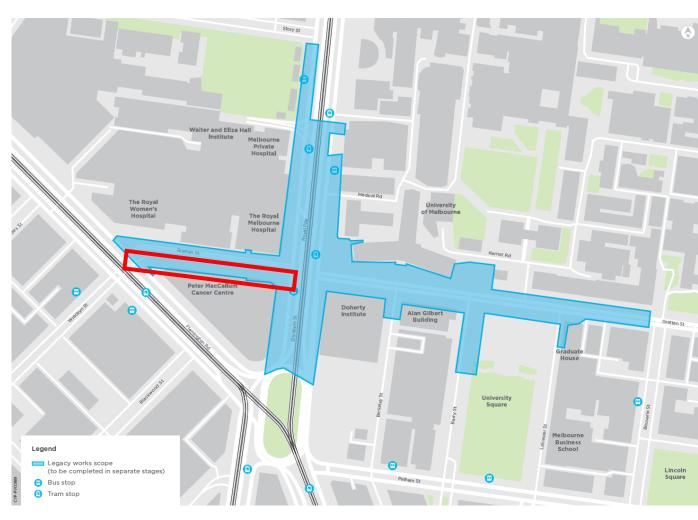
Presenter: Patrick Walsh

Stage 1B/1E- Grattan Street west (south)



Reinstatement and public realm works

- Timing:
 - Ongoing until mid-November 2023
- The works area will include:
 - Grattan Street west, southern side, between Flemington Road and Elizabeth Street/Royal Parade.
- Traffic and pedestrian changes:
 - Eastbound traffic lane temporarily reopened
 - Pedestrian diversions will be implemented during stages of the works. Diversions will be staged to minimise disruption
 - Access to hospitals and businesses, and for emergency vehicles, is being maintained at all times.



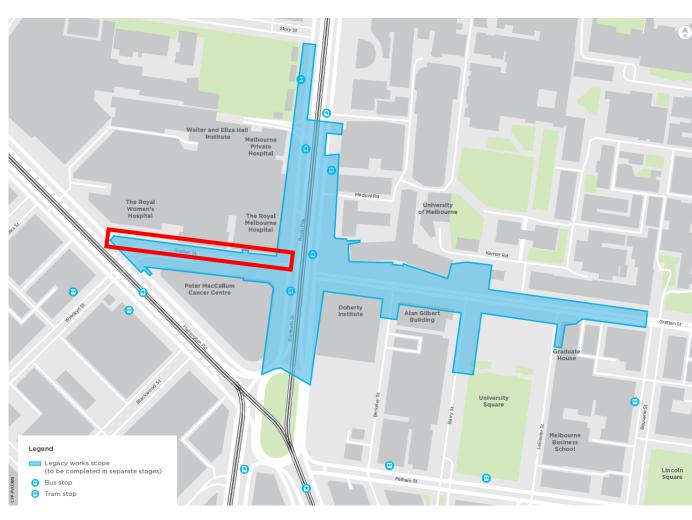
Presenter: Patrick Walsh

Stage 1A/1C – Grattan Street west (north)



Reinstatement and public realm works

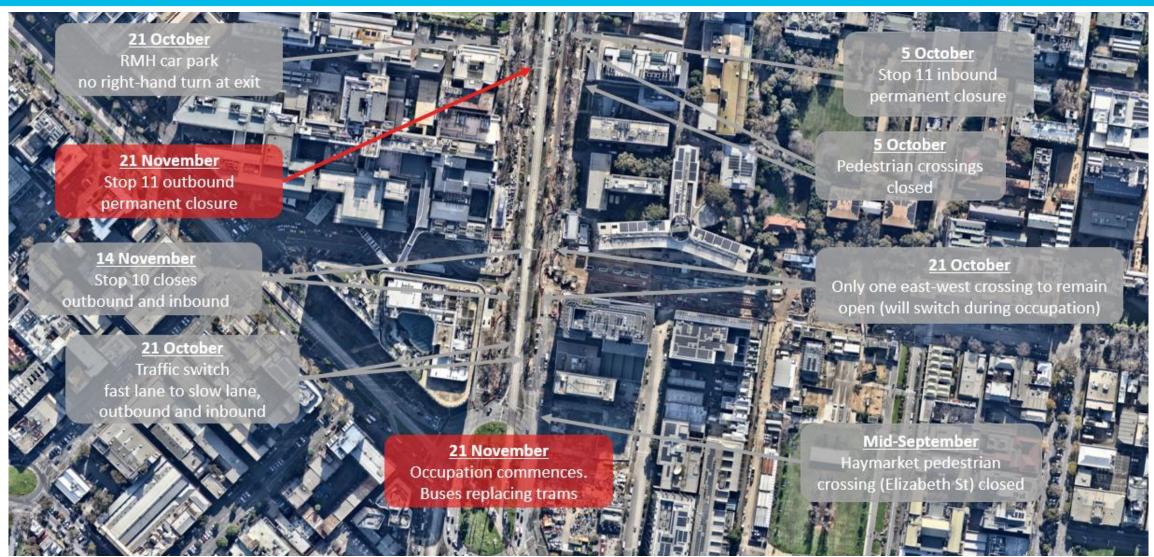
- Timing:
 - Mid-November to January 2024
- The works area will include:
 - Grattan Street west, northern side, between Flemington Road and Elizabeth Street/Royal Parade
- Traffic and pedestrian changes:
 - The westbound traffic lane will reopen and the eastbound lane will temporarily close
 - A section of the northern footpath on Grattan Street, in front of the Royal Melbourne Hospital, will temporarily close
 - A temporary mid-block crossing will be established to facilitate access to the Royal Melbourne Hospital's emergency department, and for pedestrians to continue to Royal Parade
 - Access to hospitals and businesses, and for emergency vehicles, will be maintained at all times.



Presenter: Patrick Walsh

Accessible tram stop construction





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Accessible tram stop construction



- From 21 November to 29 November, buses will replace Route 19 trams for 9 days between Queen Victoria Market and Brunswick Road
- The bus replacement services will enable the construction of an accessible tram stop
- The new Royal Melbourne Hospital/Royal Parade accessible tram stop will open on 30 November.

Presenter: Patrick Walsh











Program

Presenter: Patrick Walsh

Three Month Program

Timing is indicative and subject to change.



Activity	November	December	January
MEP and fit out works, architectural finishes			
Aboveground structures – steel, façade, glazing, finishing works			
East TVS – fit out			
West TVS – structure and fit out			
Chiller plant – fit out and façade works			
Goods lift – structure and lift works			
Grattan Street West station entrances – fit out and canopy			
Tram works (occupation)			
Reinstatement and urban realm works			
Stage 2A – Accessible tram stop construction			
Stage 1B/1E – Grattan Street west			
Stage 1A/1C – Grattan Street west			
Stage 3C/4C – Grattan St			
Stage 3A/4A – Grattan St northern footpath			
Stage 5A – Grattan Street/Gatekeeper's Cottage area			
Stage 5D – Goods lift area			

Refer previous slides for information on works

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Six Week Look Ahead – Remaining program for 2023 Timing is indicative and subject to change.



Activity	w/c 13 Nov	w/c 20 Nov	w/c 27 Nov	w/c 4 Dec	w/c 11 Dec	w/c 18 Dec
MEP and fit out works, architectural finishes						
Aboveground structures – steel, façade, glazing, finishing works						
Capping beam and pile deheading (intermittent)						
East TVS – fit out						
West TVS – structure and fit out						
Chiller plant – façade and fit out						
Goods lift – structure and lift installation						
Grattan Street West station entrances – fit out and canopy						
Reinstatement & Public Realm works – Stage 1B/1E						
Reinstatement & Public Realm works – Stage 1A/1C						
Reinstatement & Public Realm works – Stage 3A/4A						
Reinstatement & Public Realm works – Stage 3B/4B/5B						
Reinstatement & Public Realm works – Stage 3C/4C						
Reinstatement & Public Realm works – Stage 5A/5D						

Presenter: Patrick Walsh **OFFICIAL: Sensitive**



Communications and stakeholder engagement update: Parkville

Presenter: Danielle Smits

Communications and Engagement Update

Parkville



Notifications and Communications

- Parkville, pedestrian crossing closure, Elizabeth Street, mid-September to early December 2023
- Parkville, tram stop construction, Elizabeth Street and Royal Parade, October to December 2023
- Parkville, reinstatement and public realms works, Grattan Street east, October to December 2023
- Parkville, construction update, October and November 2023
- Parkville, reinstatement and public realm works, Grattan Street west, November 2023 to January 2024
- Parkville, accessible tram stop construction, Elizabeth Street and Royal Parade, November 2023
- Significant wayfinding updates and installations ongoing.

Door knocks, meetings, briefings and events

- Parkville: fortnightly meetings with Peter MacCallum Cancer Centre, Melbourne Health, the University of Melbourne and City of Melbourne
- Parkville: on-site stakeholder meetings, as required.

Presenters: Danielle Smits



Creative update

Presenter: Chris Lovell

Lunchtime Jazz- Friday 27 October

University Square









- Posters displayed around University Square
- Promoted on social media (@metrotunnelart)



Other Business

Presenter: Chris Lovell

Other business



Next meeting:

– 2024 meeting dates TBA

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