



Arden and Parkville Community Reference Group

Meeting 28

Friday 10 February 2023



Arden and Parkville CRG Agenda

Friday 11 November 2022



Item	Topic	Presenter
1	Introductions and welcome <ul style="list-style-type: none">• Outstanding Actions and Issues Register• Zoom meeting housekeeping	Chris Lovell
2	Project-wide construction and rail and tunnel fit out update	CYP
3	North Melbourne construction update <ul style="list-style-type: none">• Current and upcoming works• Reinstatement and public realm update	CYP
4	Parkville construction update <ul style="list-style-type: none">• Current and upcoming works• Reinstatement and public realm works• Environment update	CYP
5	Stakeholder and communications update	CYP
6	General feedback and items for future discussion	CRG members
7	Other business	Chris Lovell

Presenter: Chris Lovell



Minutes and Actions

Presenter: Chris Lovell

Construction Update: Project-wide and rail tunnel fit out overview

State Library Station



- Shaft construction is continuing at all five State Library Station sites
- Platform rail tunnel construction is continuing beneath Swanston Street, including the commencement of floating slab track installation
- Station entrance works are continuing with construction of core walls and columns
- The arch pours were recently completed in the Little La Trobe adit
- Melbourne Central escalator installation works are underway.



Town Hall Station



- Hoardings have been installed at platform level and excavation works have commenced at Flinders Street Station in preparation for the installation of 6 lifts from platforms to subway
- Acoustic shed removal works have been completed
- Concrete structure works continue at City Square and Flinders Quarter
- Lining and structures works continuing within the station cavern, rail tunnels and adits.



Presenter: Danielle Smits

Anzac Station



- 24/7 works were completed in December 2022 to realign the St Kilda Road tram corridor
- The new tram stop on St Kilda Road is now open and operational
- The realignment has allowed the start of construction on the Albert Road Reserve station entrance.

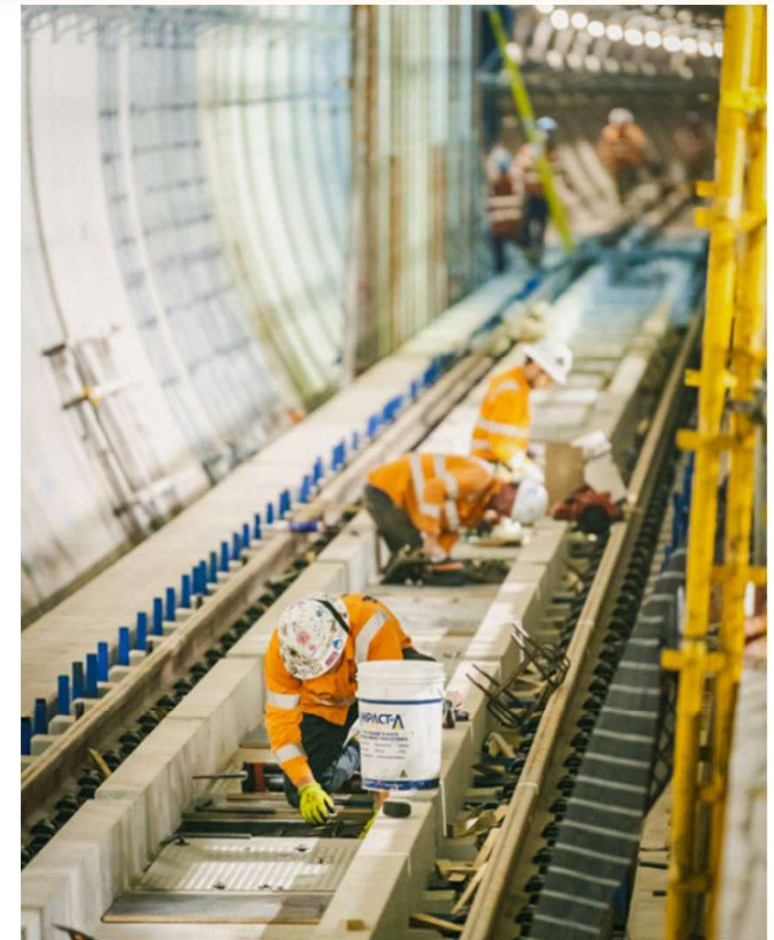


Rail and tunnel fit out



Rail and track

- Track panels have been laid in both tunnels from the west to the CBD, with stage two concrete progressing on various fronts
- This work is completed with the use of two hi-rail agis working from the CBD out towards Arden, with line pours assisting from the stations
- In early January, hi-rail equipment was used to demobilise the multi-service vehicles (MSVs) within the westbound tunnel from the Western Portal
- In the coming month, works will commence connecting signalling assets to sections of completed track.



Presenter: Danielle Smits

Platform Screen Doors

Media event



The Parkville site hosted a media event with the Deputy Premier, Minister for Transport Infrastructure, and Minister for Suburban Rail Loop The Hon Jacinta Allan MP.

Shortly after viewing the newly installed platform screen doors, Ms. Allan spoke to our Parkville engineers.



Presenter: Danielle Smits



Construction Update: North Melbourne

Concourse level



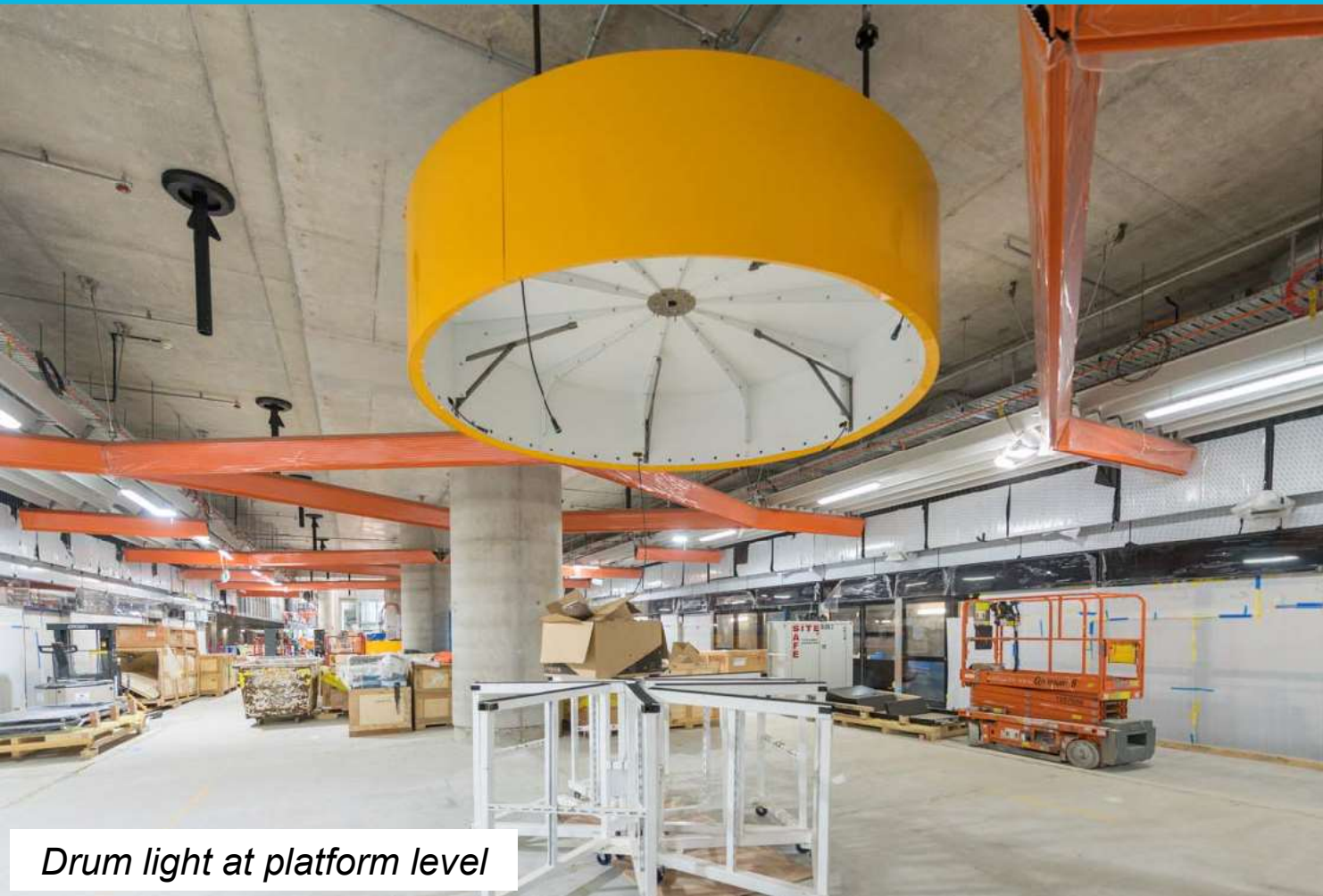
Tiling Works



- Granite paving is currently being installed at the B1 concourse level
- Installation of architectural features is continuing, including lighting balustrades and works on the escalators and lifts down to B2

Presenter: Cameron Fields

Platform level



Drum light at platform level

- Installation of acoustic rib and baffle ceilings, castellated cladding and pelmets well progressed at platform level.
- Drum light installation ongoing at B2 platform and B1 concourse.
- Platform screen doors (PSD) installation is complete to the east and west ends of the platform. Remaining section at previous gantry location will be complete in March '23.

Presenter: Cameron Fields

Platform level



Logistics Void



Track and platform screen doors



- The logistics gantry previously used to fit out tunnels has now been decommissioned and removed from site.
- This has allowed construction of the remaining stairs, escalators, PSDs and skylight to commence in this area of the platform.
- Track has now been installed in both the eastbound and westbound tunnels between Arden and Western Portal.

Presenter: Cameron Fields

Surface works



Terrace Construction



- Terrace construction for the area surrounding the station entrance is well underway.
- The final section of terrace between the station entry and Barwise Street is under construction
- Preparatory works are underway for the stormwater, kerb works and landscaping features for two of the new lanes as part of the station, Laurens Lane and Station Lane
- Backfilling is progressed around two of the station skylights, while the removal of the logistics gantry on B2 will mean that construction can commence on the third and final skylight under the gantry shed.

Presenter: Cameron Fields

Station Progress Images



Station Entry



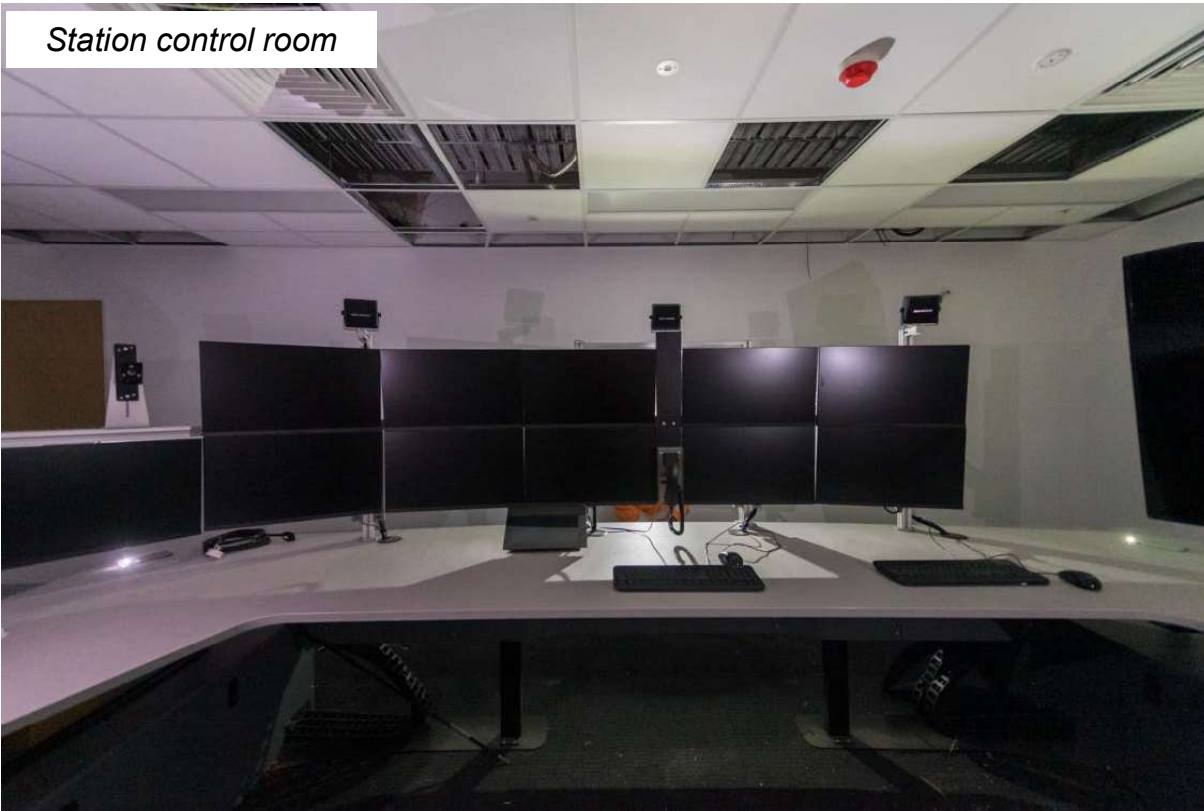
Solar Panel installation

Presenter: Cameron Fields

Station Progress Images



Station control room

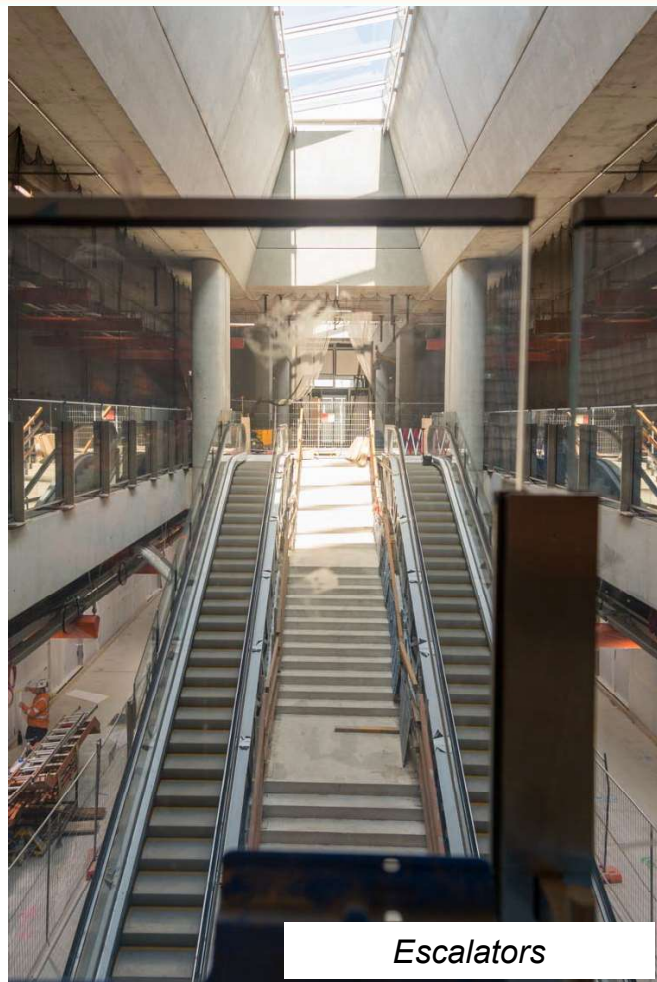


Back of house bathrooms

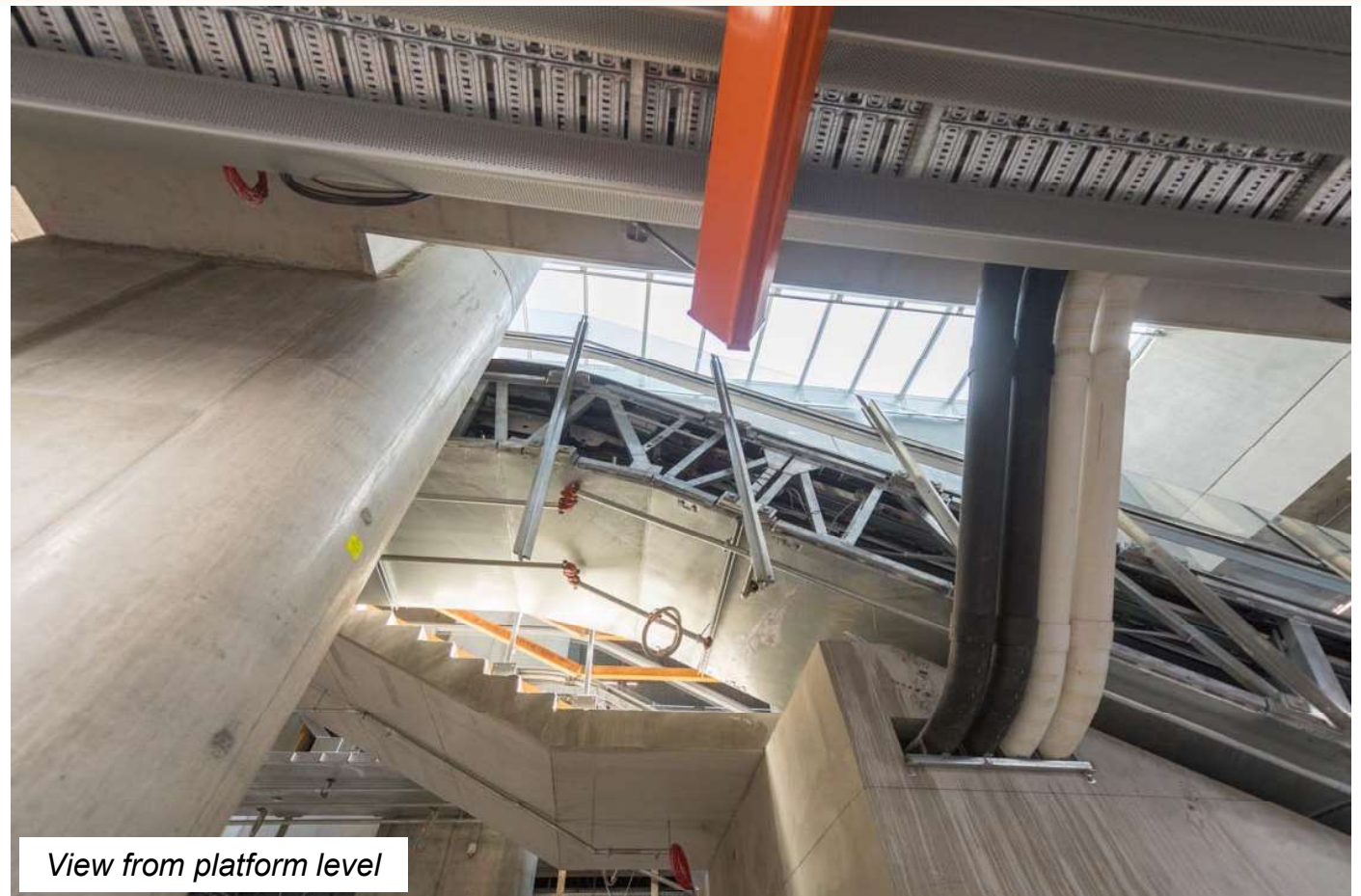


Presenter: Cameron Fields

Station Progress Images



Escalators



View from platform level

Presenter: Cameron Fields

Six month program

North Melbourne



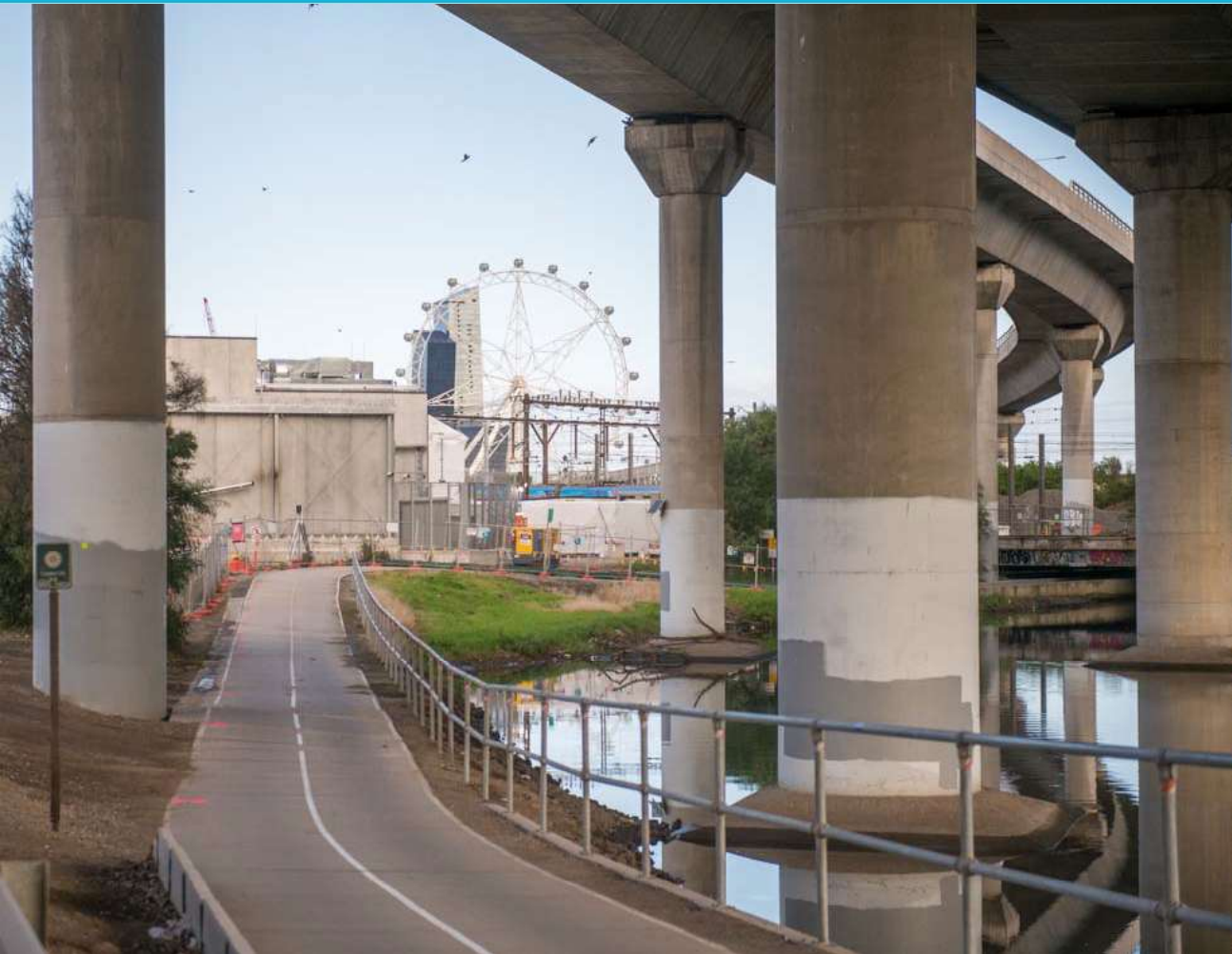
Activity	Feb	Mar	April	May	June	July
Surface and utility works						
Over track exhaust (OTE), platform screen doors and platform construction						
North Melbourne Electrical Substation construction and landscaping						
Laurens Street footpath and kerb works						
Barwise Street widening and footpath works						

Presenter: Cameron Fields



Construction Update: Intake sub-station

Intake Substation



- External works on the substation are largely complete, with only the roof screening to be installed
- Planting along Moonee Ponds Creek is expected to commence mid-2023
- The project is exploring the opportunity to hold a community planting day along Moonee Ponds Creek
- Further detail on the planting day will be provided to Community Reference Group members when the planting schedule is confirmed and a suitable date has been identified.

Presenter: Rob Mair



North Melbourne 2023 lookahead

Arden Station precinct – public realm works



Artists Impression

- Works have now commenced on the public realm works around the station precinct
- Public realm works include the public areas and spaces around the future Arden Station
- As part of the project scope there will also be works undertaken to upgrade Laurens Street, incorporating new bike lanes.

Presenter: Cameron Fields

2023 lookahead – Public realm works



Early April '23.
Gantry shed removal start

March – May '23
Final skylight installed

February – June '23
Station Lane kerbing and
asphalting

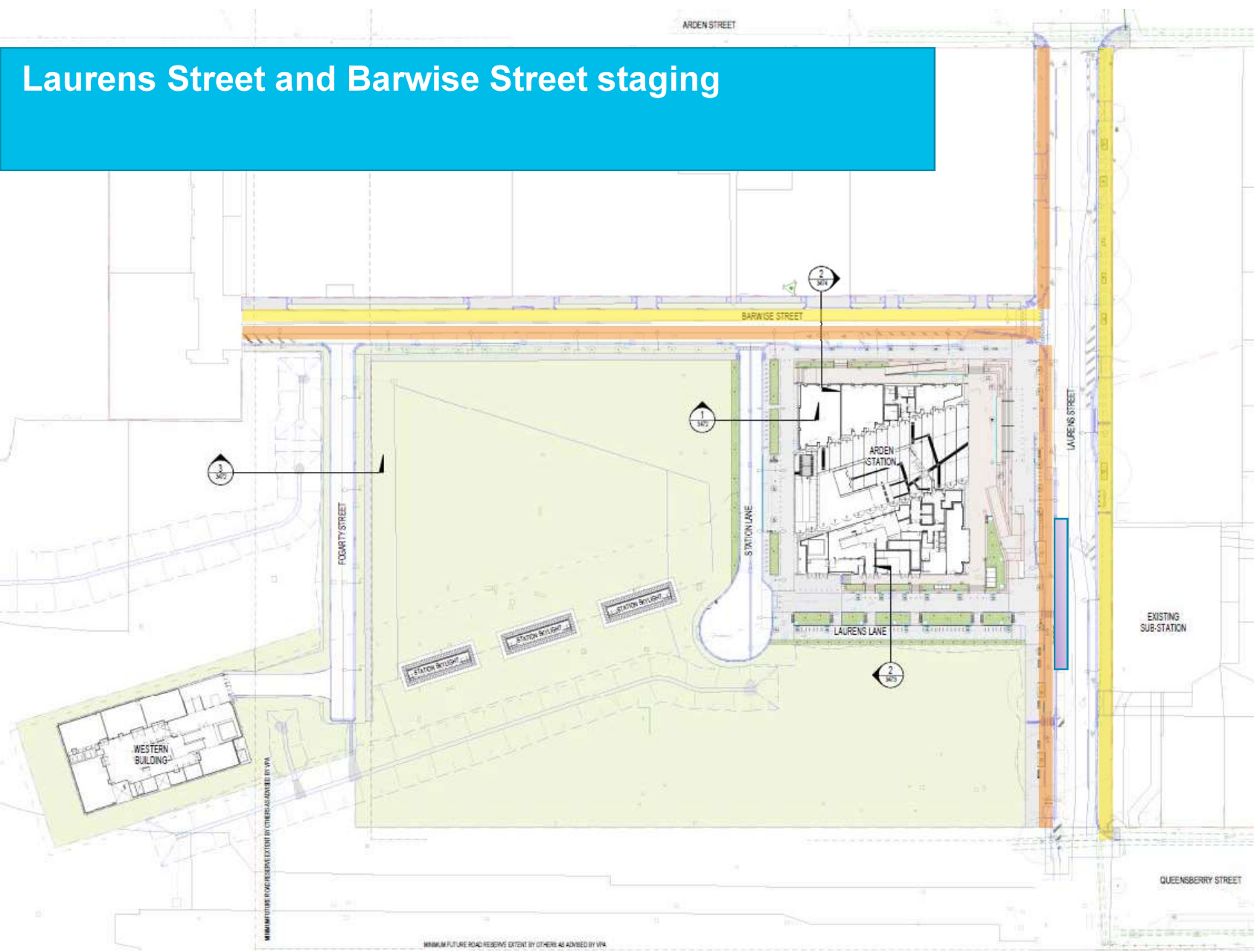
April – October '23
Laurens Lane, station terrace
paving and landscaping




June – November '23
Laurens Street bike lane, bus
stop construction.

June – October '23
Station parkland - backfill and
landscaping

Presenter: Cameron Fields

Laurens Street and Barwise Street staging

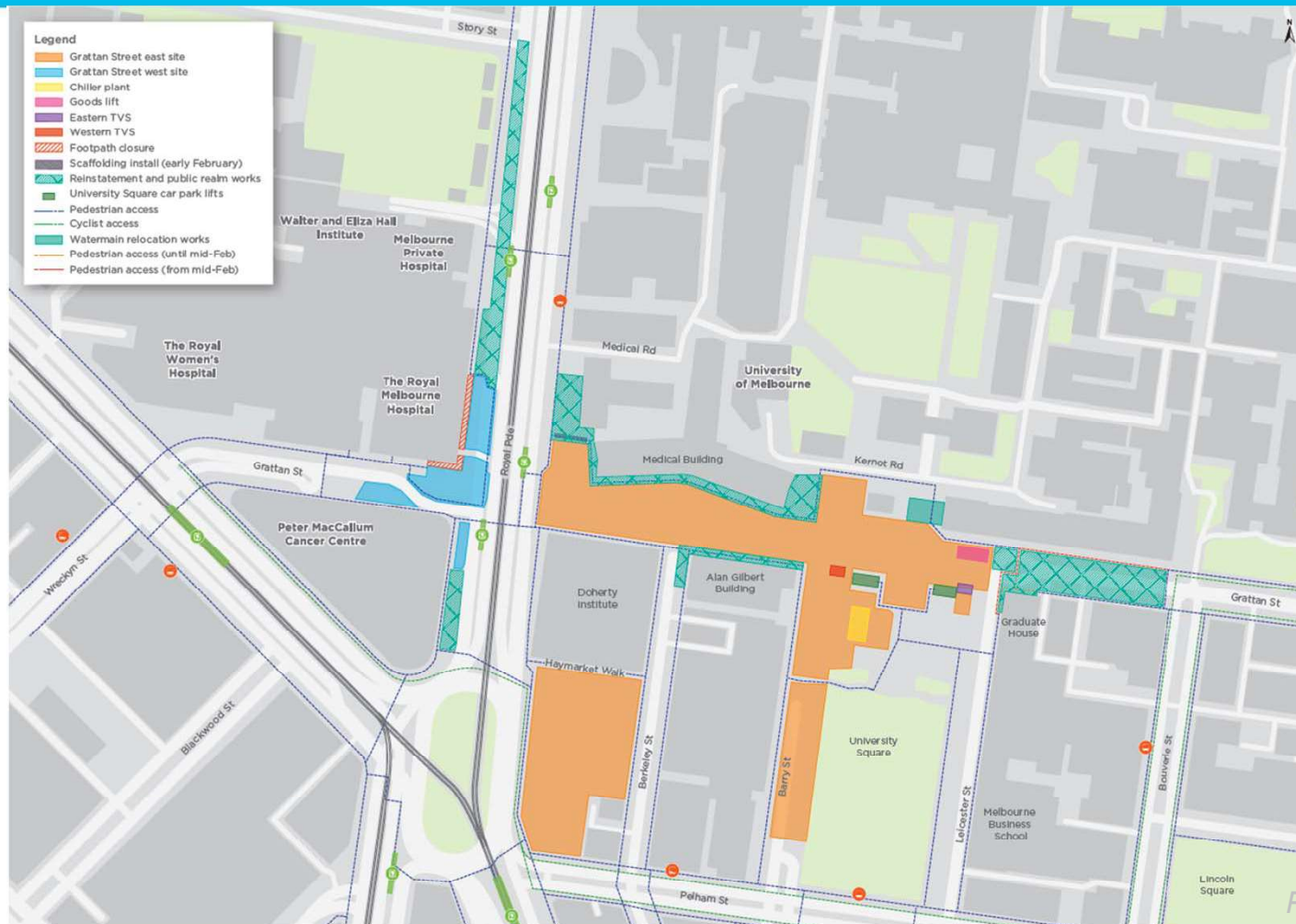


-  **Stage 1**
Now - June
-  **Stage 2**
April - June
-  **Stage 3**
June - November

Construction Update: Parkville

Parkville Station overview

Site overview – current and upcoming work areas



Presenter: Jacob Ramaekers

Grattan Street East

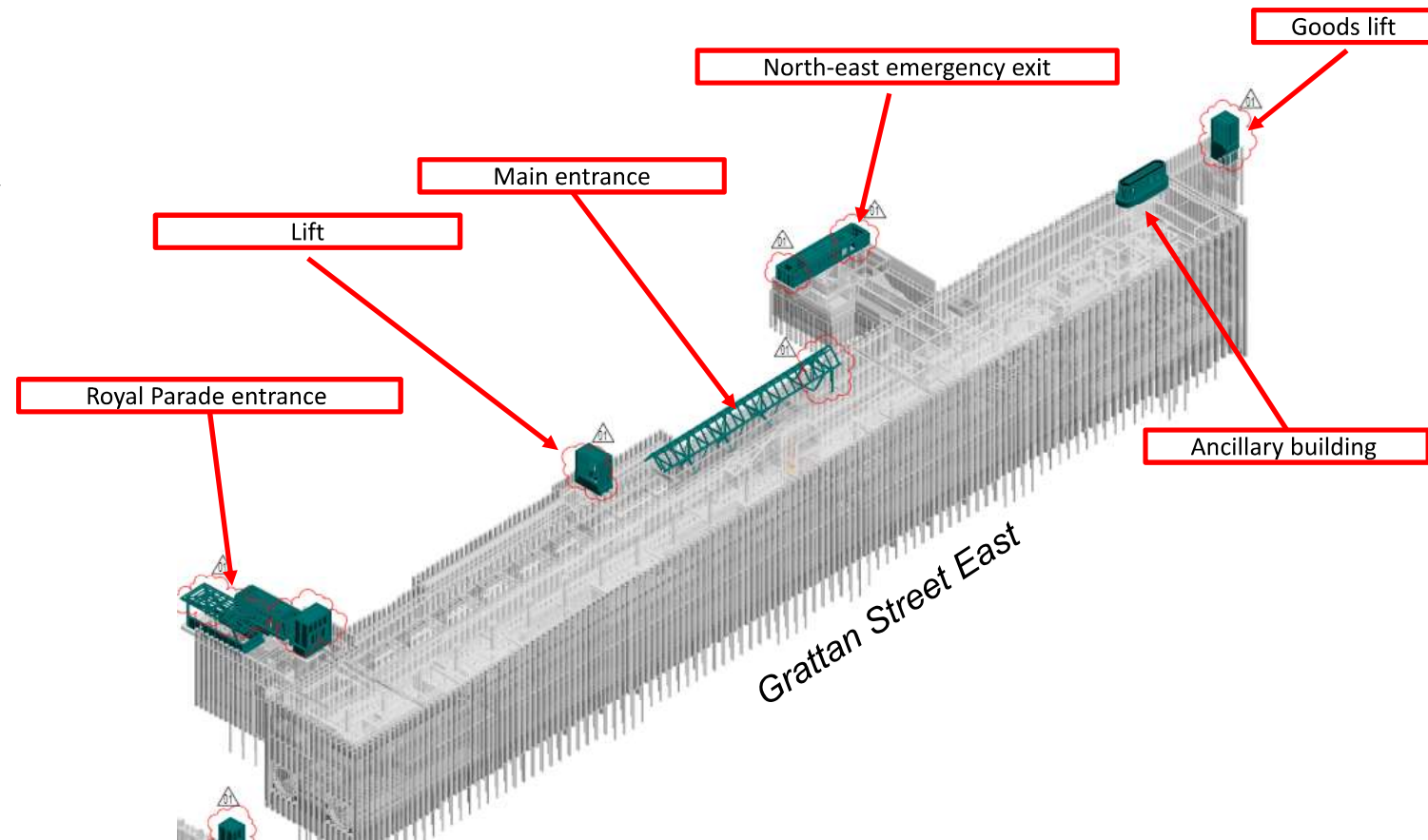
Aboveground structures – Grattan Street East

Surface works



- Grattan Street main entrance works are almost complete, with finishing works and structural connections underway
- Royal Parade entrance steel canopy structure works are complete. Facade & roofing works to commence later this month
 - This will require setting up scaffolding above the north-east pedestrian footpath
- The goods lift structure will be installed in 2023, following the completion of excavation, permanent structure works and fit out works
- North-east emergency exit area aboveground structures work is ongoing.

Oversized elements will need to be delivered out of hours to comply with Department of Transport and Planning requirements.



Presenter: Jacob Ramaekers

Grattan Street main entrance works - Longitudinal frame installation

Surface works



Presenter: Jacob Ramaekers

Skylight construction

Surface works



- Skylight structural works are complete
- Waterproofing to skylights one, two, three and four is complete
- Waterproofing currently underway to skylights five and six
- Glazing to skylights one, two and three underway.



Skylight construction

Presenter: Jacob Ramaekers

Skylight construction

Surface works



Skylight construction

Presenter: Jacob Ramaekers

Capping beam and pedestrian gantry removal works – Grattan Street East

Surface works



Berkeley to Barry Street

- Complete

Elizabeth to Berkeley streets

- Pedestrian gantry in front of PDI building has now been removed
- Capping beam removal will be complete in this section by mid-February, with around 15m remaining

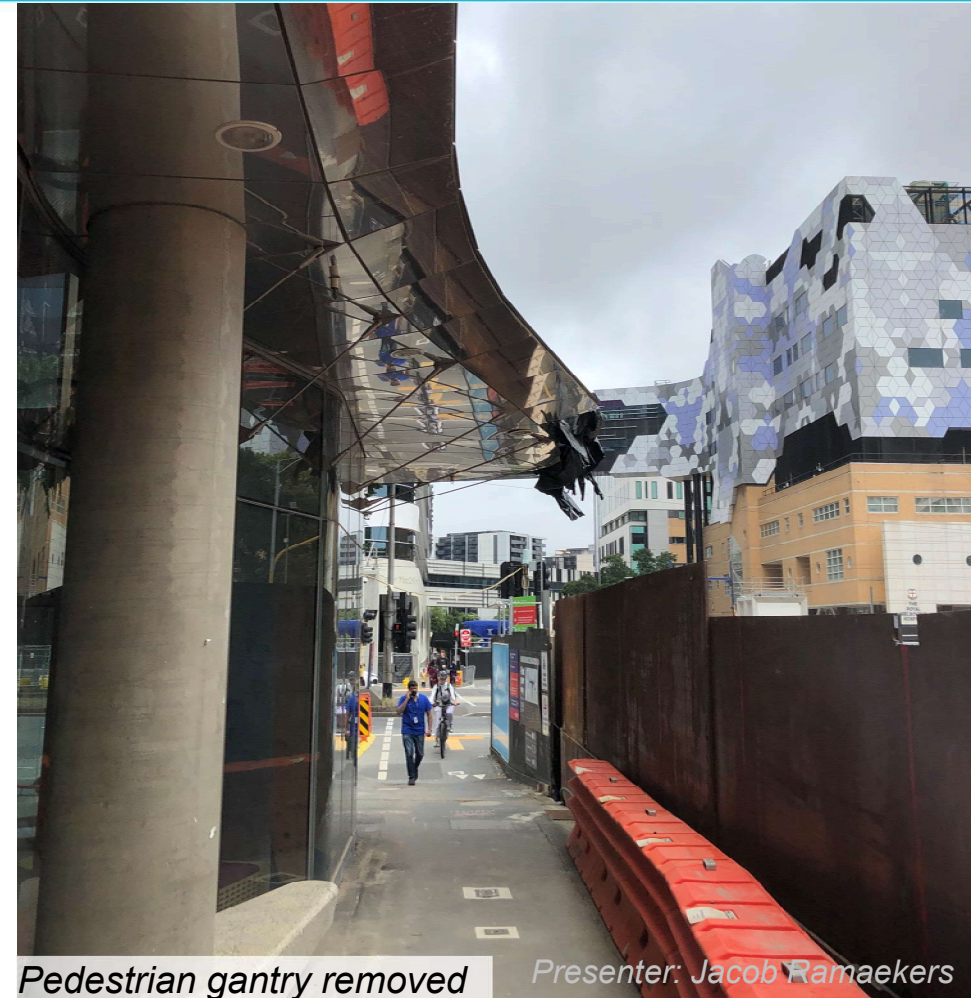
TVS West

- Capping beam removal and pile de-heading is ongoing until end Feb 2023

Working hours are 7am to 6pm, Monday to Friday and 7am to 1pm, Saturdays.

Capping beam removal works will also be undertaken out of hours.

Planning is underway for the provision of a pedestrian crossing over the station box.



Pedestrian gantry removed

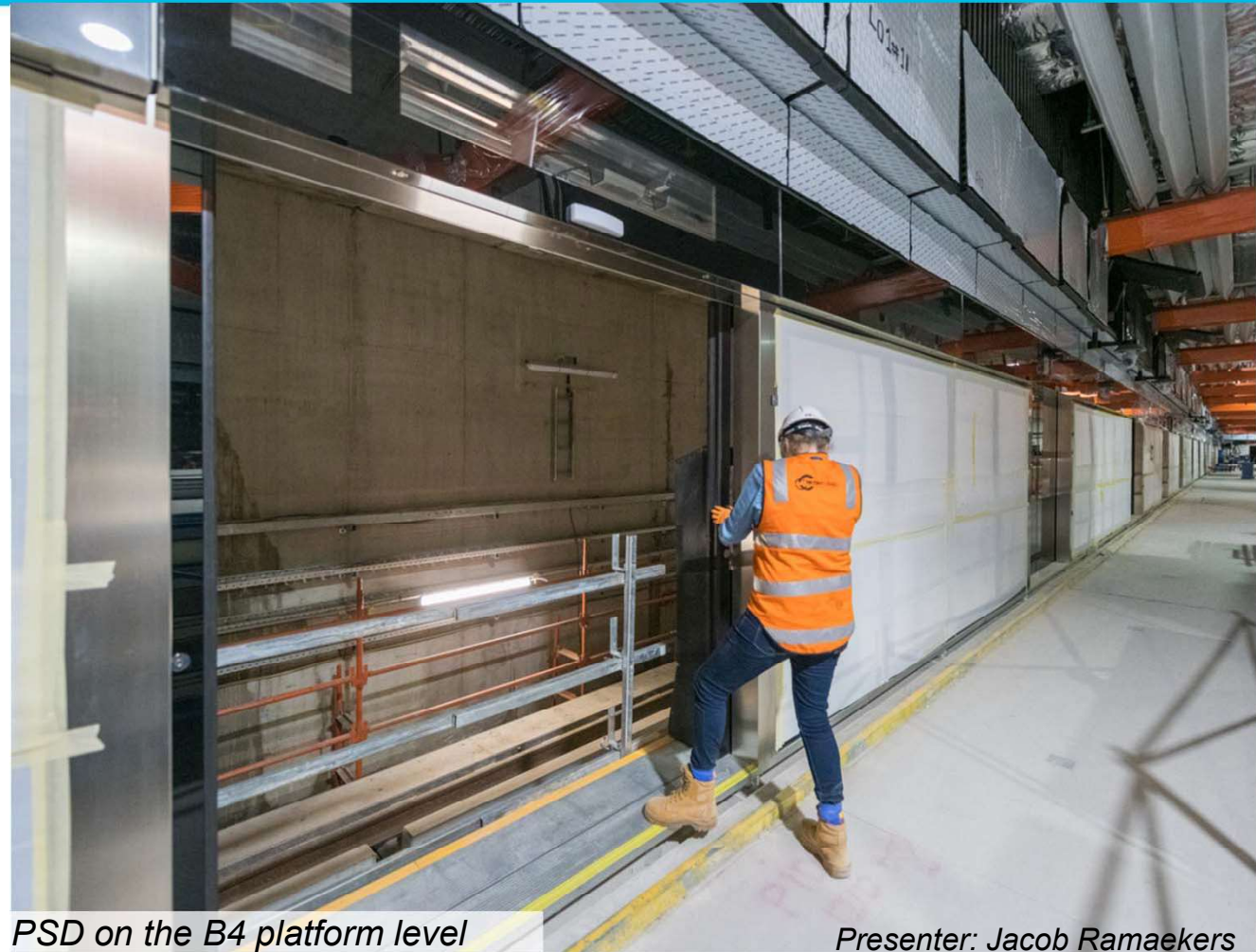
Presenter: Jacob Ramaekers

MEP and Fit Out Works

Station box (including the Royal Parade underpass)



- Fit out works are ongoing in the main box and involve the installation of blockwork walls and mechanical, electrical and plumbing (MEP) systems and architectural features (e.g., cladding)
- B3 level: architectural fit out is underway for back of house facilities. Fit out of switchboards and control panels for services is ongoing
- B4 level: architectural fit out (e.g., cladding, feature ceilings, drum lights, stone flooring) is underway with around 65% of the fit out complete
- B4 level: Platform screen door (PSD) installation is complete.



PSD on the B4 platform level

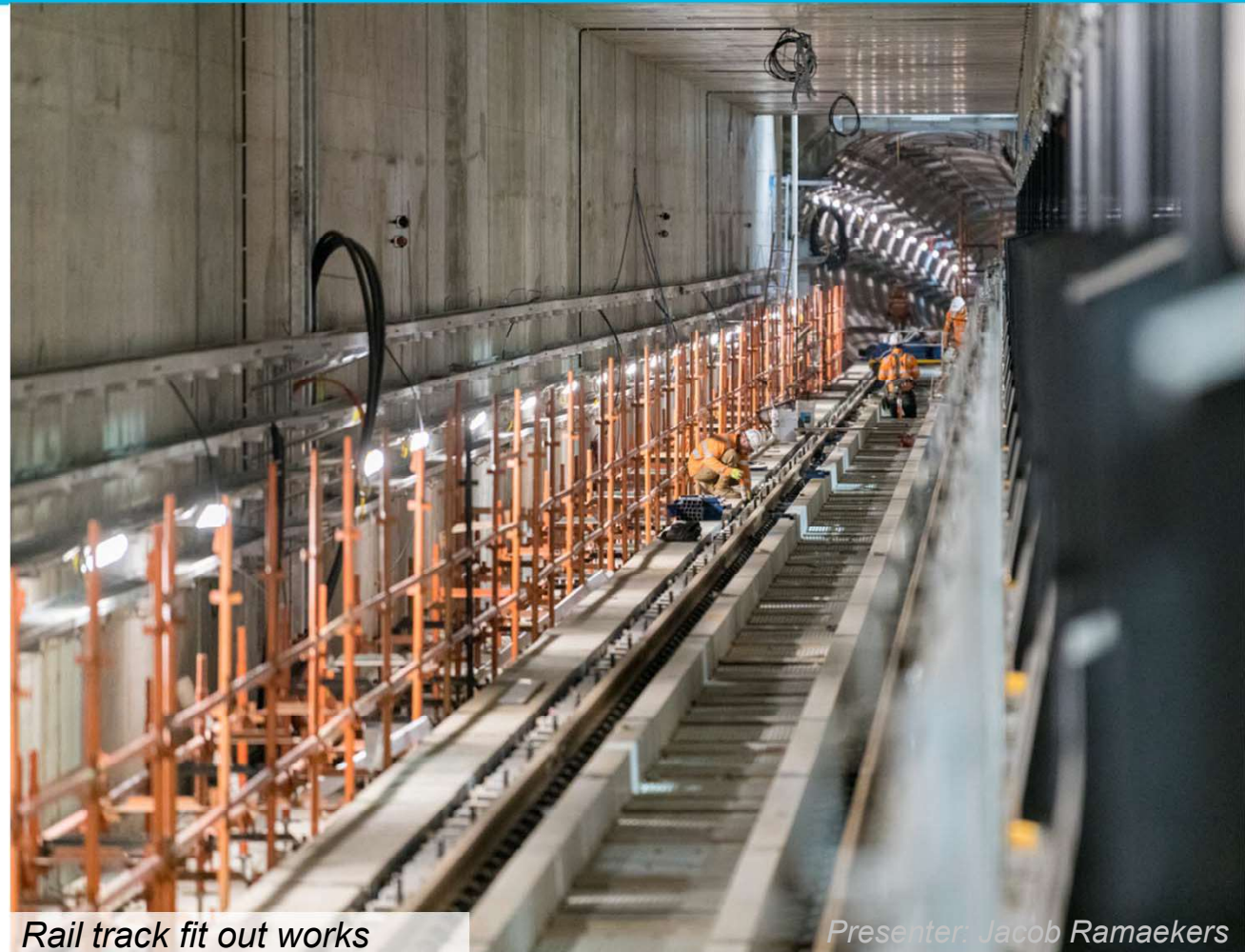
Presenter: Jacob Ramaekers

MEP and Fit Out Works

Station box (including the Royal Parade underpass)



- HV commissioning is complete and HV power is available at Parkville
- LV power and point-to-point testing has commenced. These works involve the installation and verification of electrical circuits, with preparation to provide power to service units and plant in the coming months
- All 17 escalators have been delivered and installed
- Work on the fourth lift is underway, with seven lifts remaining
- B2 level will be the next focus area, including finishes and the fit out of the Royal Parade underpass through to the Grattan Street west area, including three escalator voids
- Areas are being handed over to the Rail Network Alliance to install rail equipment, services and communication rooms.



Rail track fit out works

Presenter: Jacob Ramaekers

Secondary Boxes

Retail area, Royal Parade entrance, and northeast emergency area



Royal Parade entrance

- All precast and structural steel to entrance portals are now complete
- Internal fit out works to the entrance/exits have commenced

Northeast emergency exit area

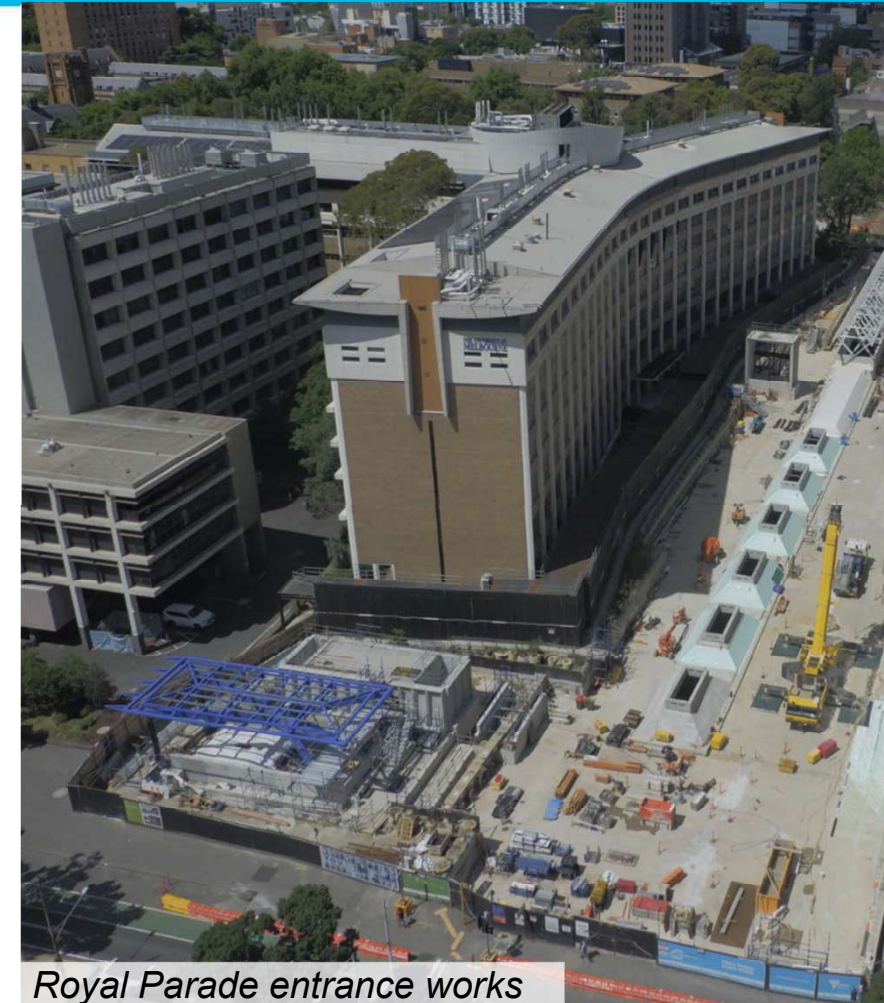
- Primary structure works for the upstand walls are complete
- Fit out works are ongoing belowground

Retail area

- Structure works are complete
- Fit out works (including blockwork wall construction) are ongoing

Goods lift

- Excavation is almost complete, with only the pit (for services) at the base of the lift remaining. The final struts are being installed
- Following this, structure works will commence.



Chiller Plant and Tunnel Ventilation Shafts



Chiller plant

- Façade, internal walls and services fit out works are underway

Western TVS

- Structure works are ongoing

Eastern TVS

- Aboveground upstand walls have been installed
- Façade installation will commence in mid-February.



Eastern TVS works

Presenter: Jacob Ramaekers

Grattan Street West

Station Entrance Construction

Belowground



- Canopy installation is complete
- Escalator installation is complete
- Ongoing works to complete structural connections
- Architectural and services fit out works are underway within the west box and Royal Parade underpass.



Royal Parade underpass

Escalator and lift entrances

Aboveground



Escalator entrance (Peter MacCallum Cancer Centre)

- Minor structural connection work is ongoing
- Precast panel, escalator and steel canopy installation is complete
- The Grattan Street ambulance lane will locally shift to facilitate the balance of pile de-heading

Lift entrance (Peter MacCallum Cancer Centre)

- The lift contractor is currently installing the lift

Escalator entrance (Royal Melbourne Hospital)

- Precast panel, escalator and steel canopy installation is complete

Lift entrance (Royal Melbourne Hospital)

- The lift contractor is currently installing the lift.



Station entrance construction

VCCC entrance canopy install



Presenter: Jacob Ramaekers

Station entrance construction

VCCC entrance canopy install



Grattan Street west

Aboveground

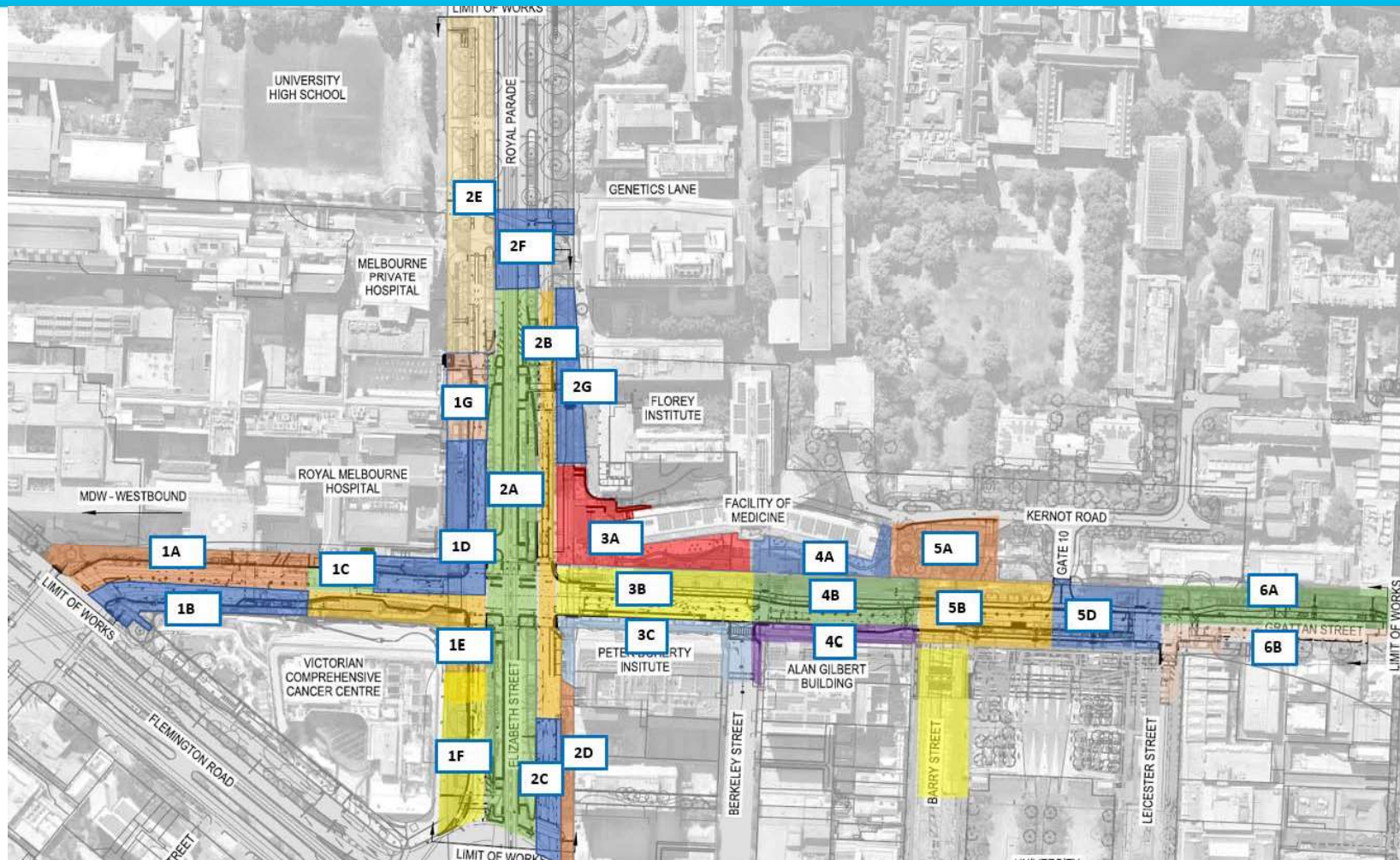


Presenter: Jacob Ramaekers

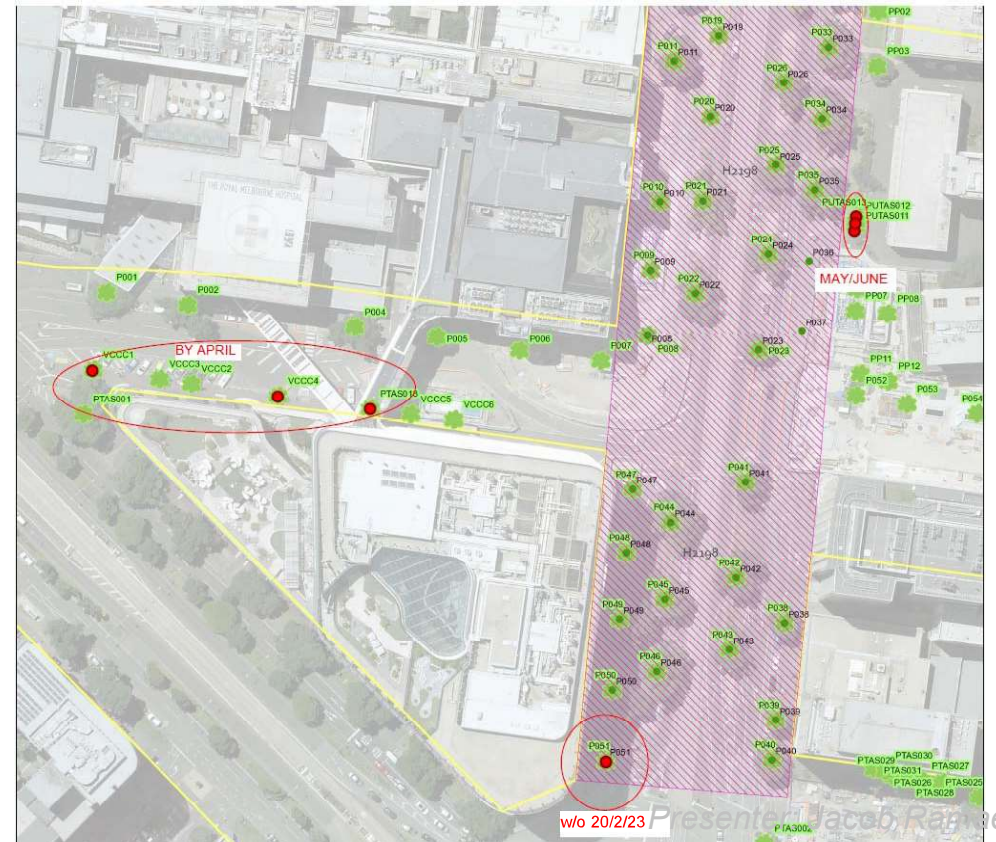
Reinstatement and Public Realm Works

Reinstatement and Public Realm Works

Staging



Author: Jacob Ramaekers

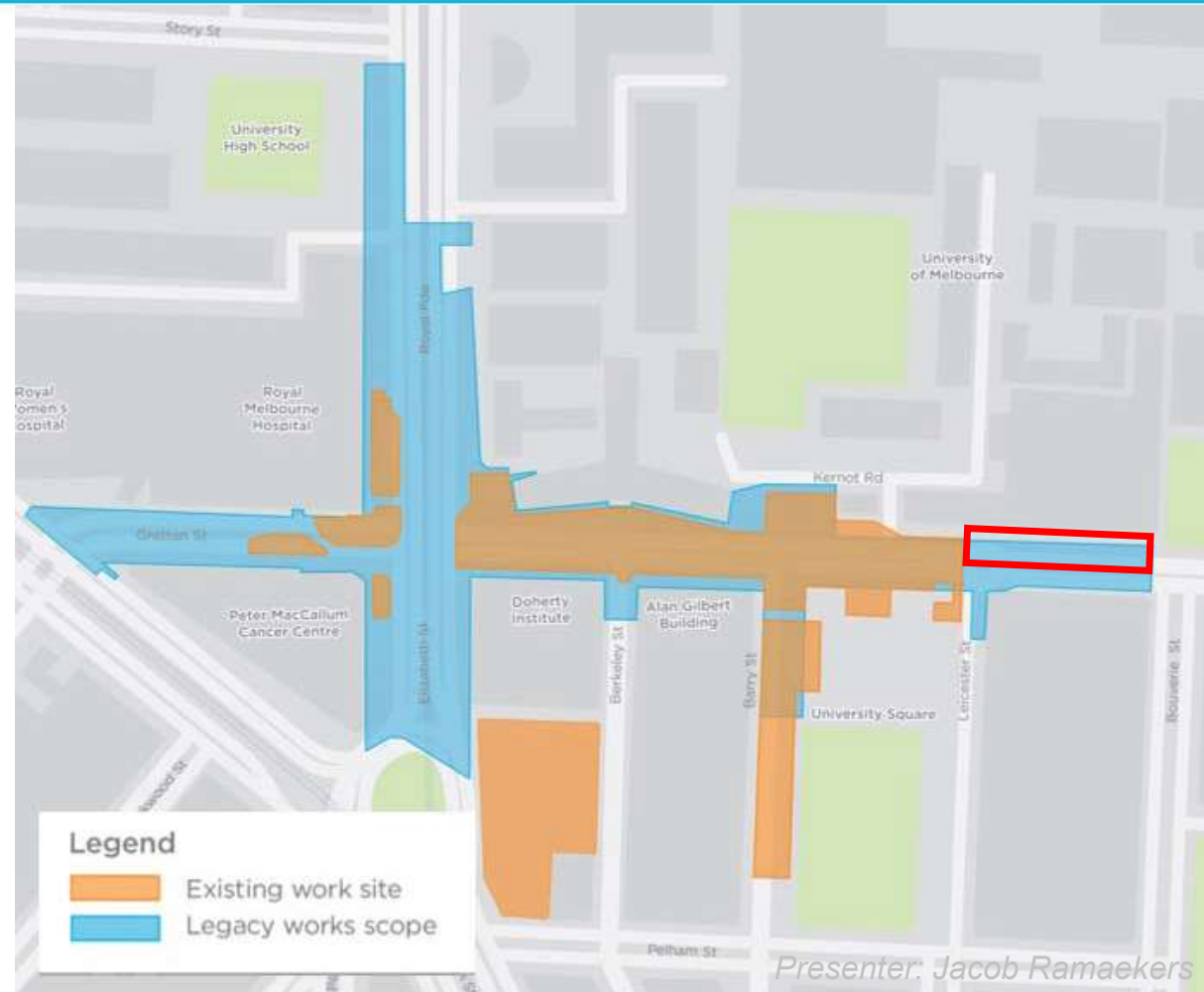


Stage 6A – Grattan Street between Leicester and Bouverie streets (north)

Reinstatement and public realm works



- Timing: Until February 2023
- Works are almost complete
- Pedestrian access will be reinstated at the northern Grattan Street footpath between Leicester and Bouverie streets.

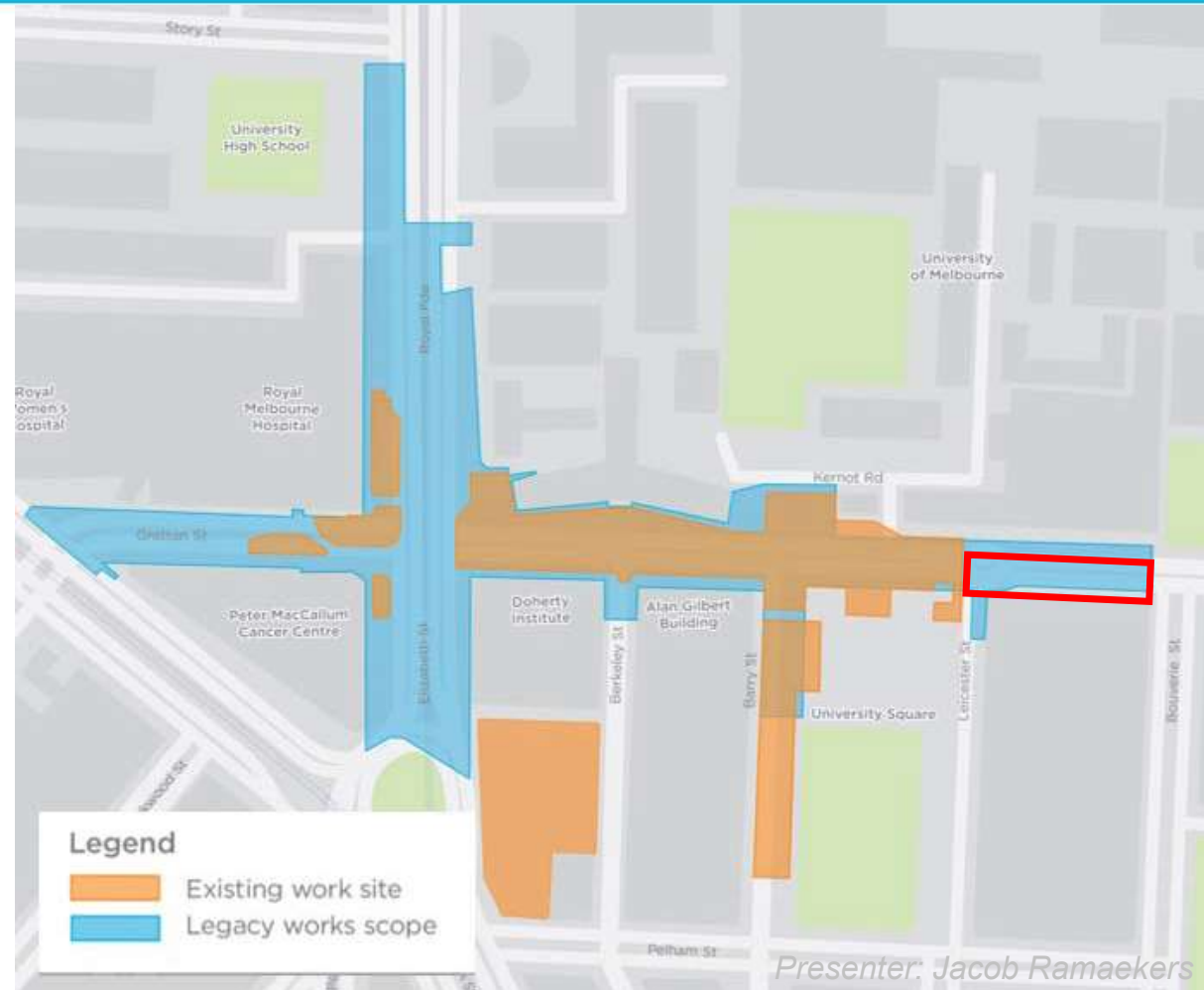


Stage 6B – Grattan Street between Leicester and Bouverie streets (south)

Reinstatement and public realm works



- Timing:
 - February 2023 – May 2023
- The works area will include:
 - The southern side of Grattan Street between Leicester and Bouverie streets
 - The footpath on the corner of Leicester and Grattan streets
- Traffic and pedestrian changes:
 - Eastbound traffic will be maintained
 - A pedestrian diversion will be in place on the corner of Leicester and Grattan streets
 - Access to businesses and Graduate House will be maintained.

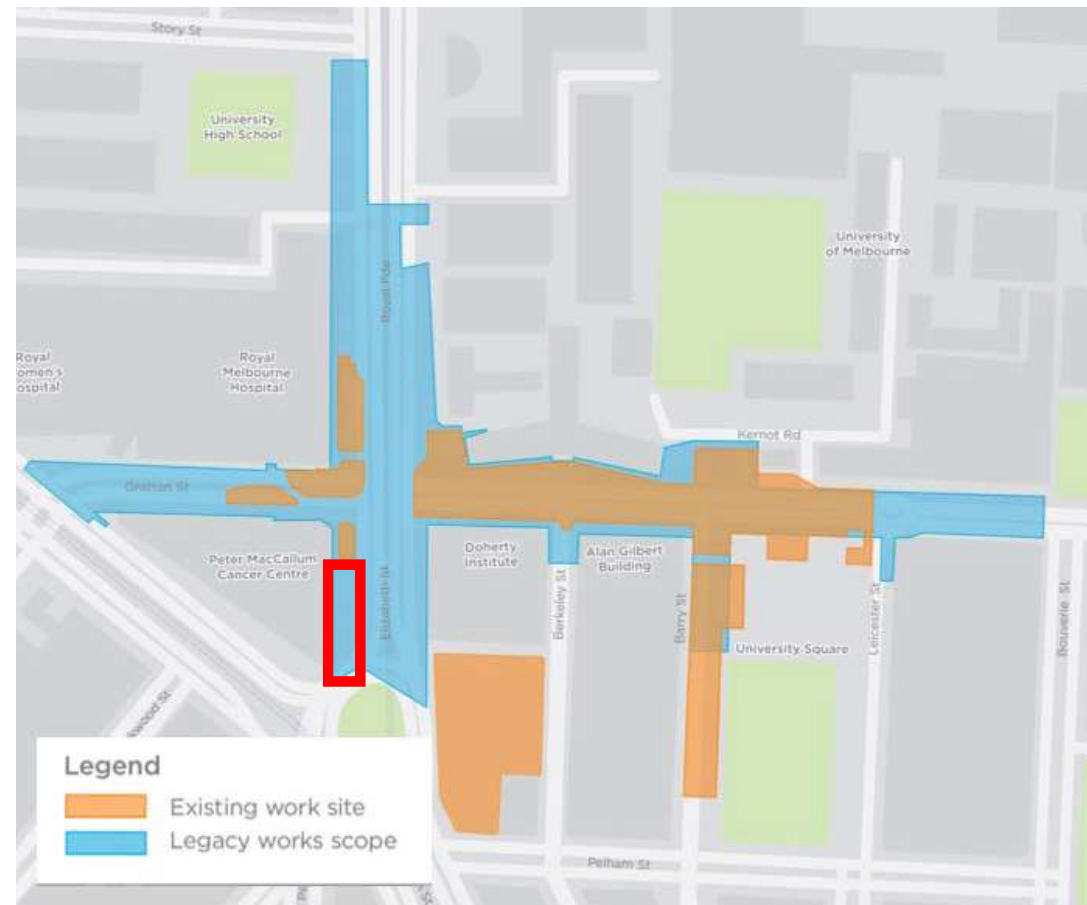


Stage 1F – Elizabeth Street northbound service lane

Reinstatement and public realm works



- Timing:
 - February – May 2023
- The work area will include:
 - Elizabeth Street northbound service lane between the Haymarket roundabout RMH and Grattan Street
- Traffic and pedestrian changes:
 - Partial closure of the northbound service lane. Vehicles and cyclist access will be maintained
 - Access to the Peter MacCallum Cancer Centre loading bay will be facilitated.



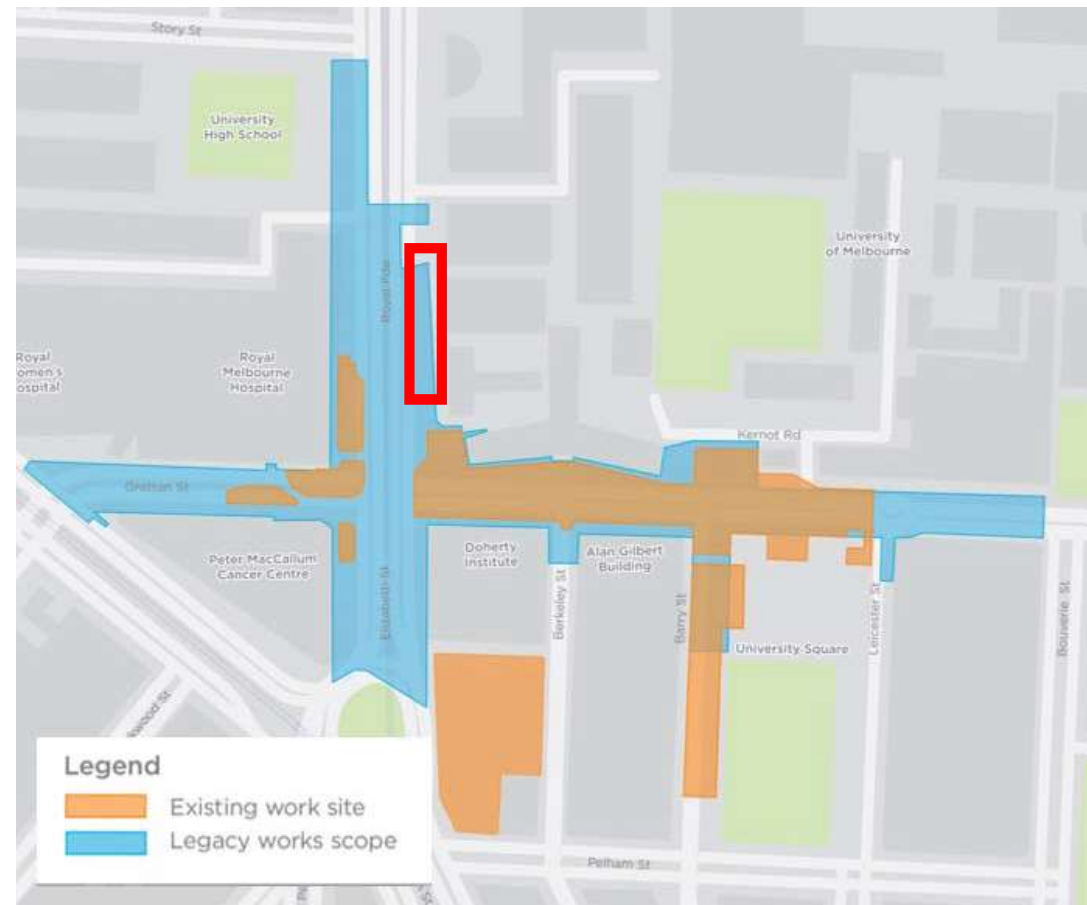
Presenter: Jacob Ramaekers

Stage 2G – Royal Parade southbound service lane

Reinstatement and public realm works



- Timing:
 - March 2023 – May 2023
- The work area will include:
 - Royal Parade eastern footpath between Genetics Lane and the Florey Institute
- Traffic and pedestrian changes:
 - Closure of the Royal Parade southbound service lane. Vehicle access will be maintained via the inner lane
 - Closure of the Royal Parade eastern footpath. Pedestrian access will be maintained via a diversion.



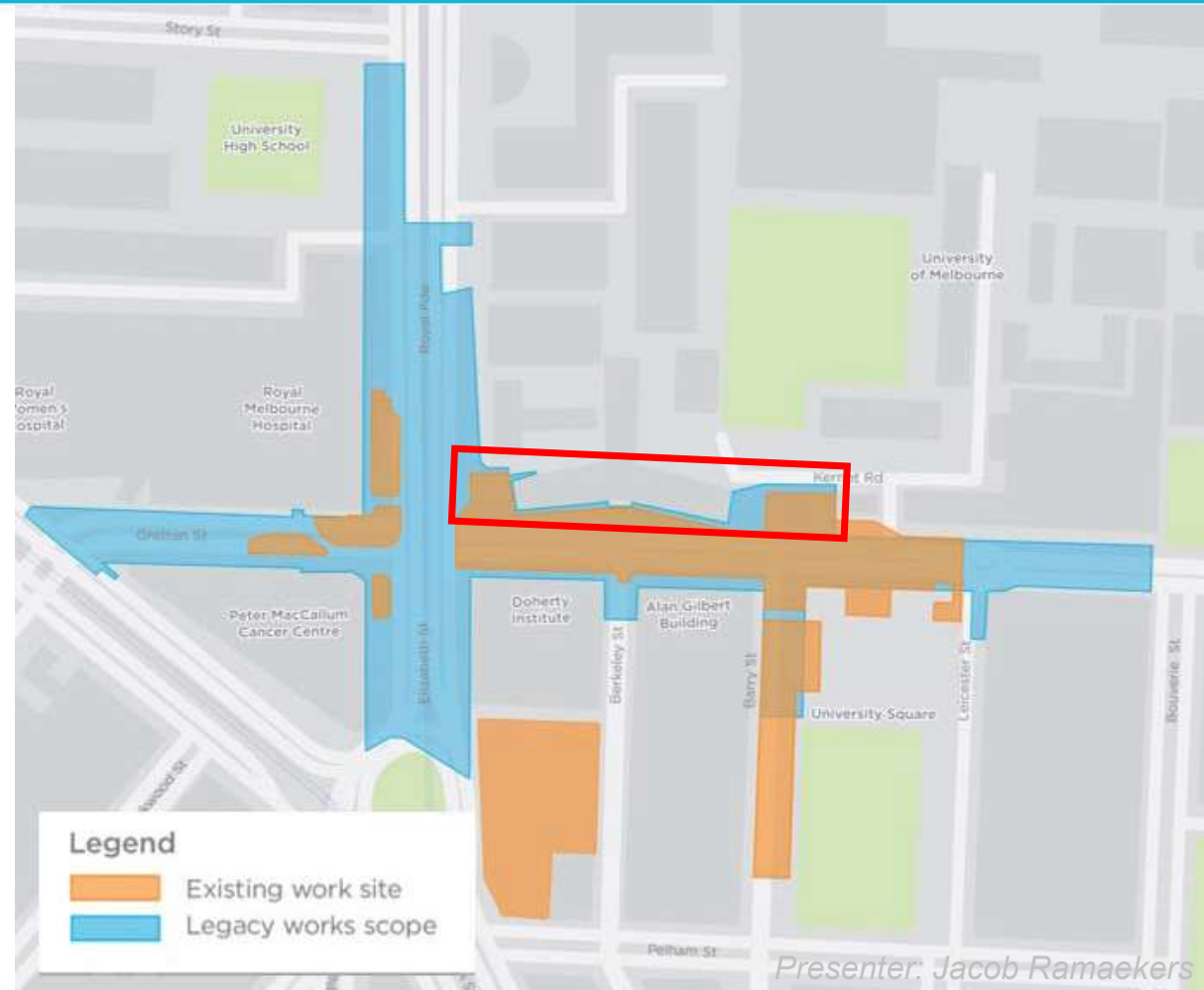
Presenter: Jacob Ramaekers

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



Reinstatement and public realm works

- Timing:
 - March 2023 – October 2023
- 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
 - Access to the University of Melbourne medical building will be maintained.

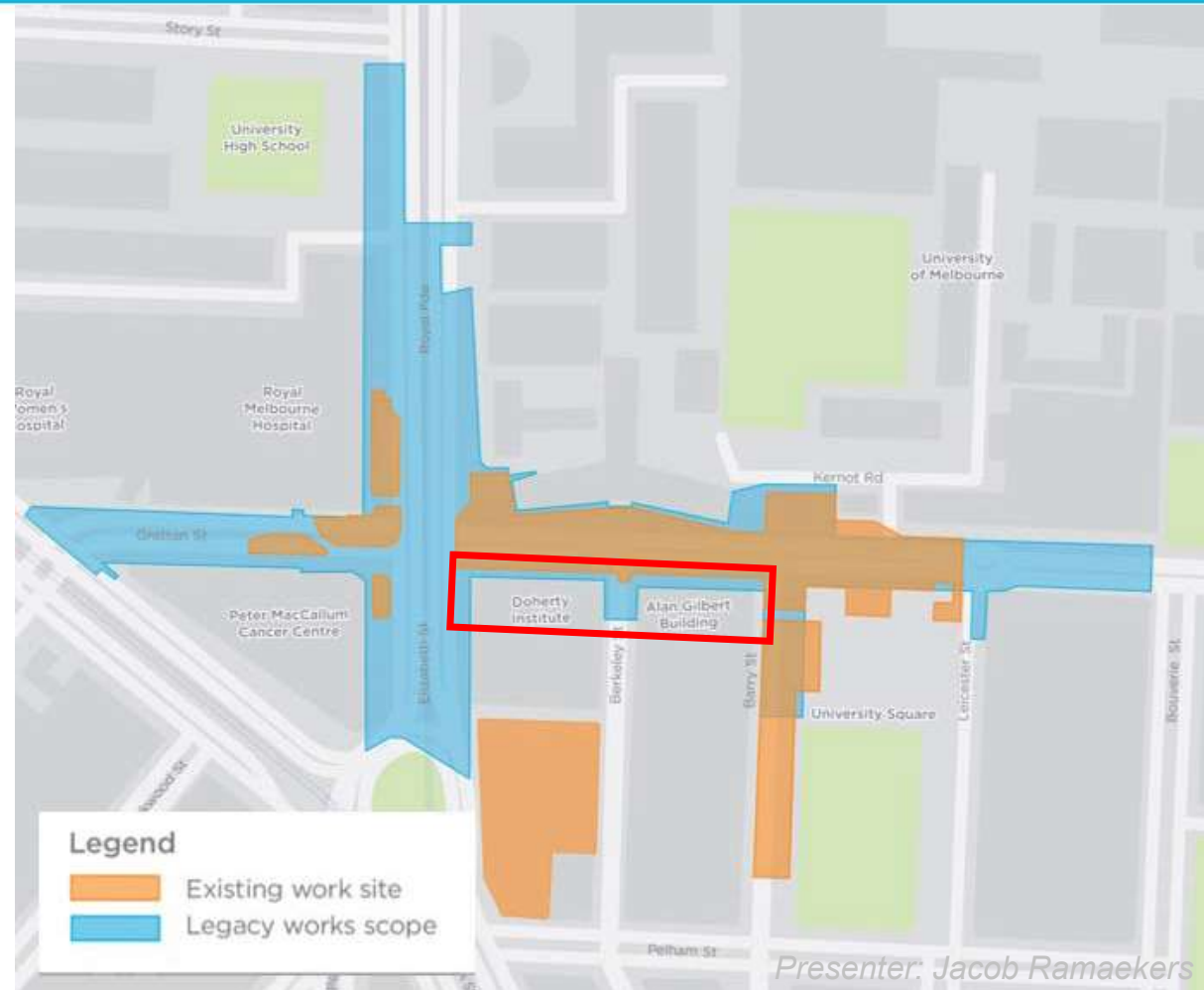


Stage 3C/4C – Grattan Street between Elizabeth and Barry streets

Reinstatement and public realm works



- Timing:
 - March 2023 – July 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.

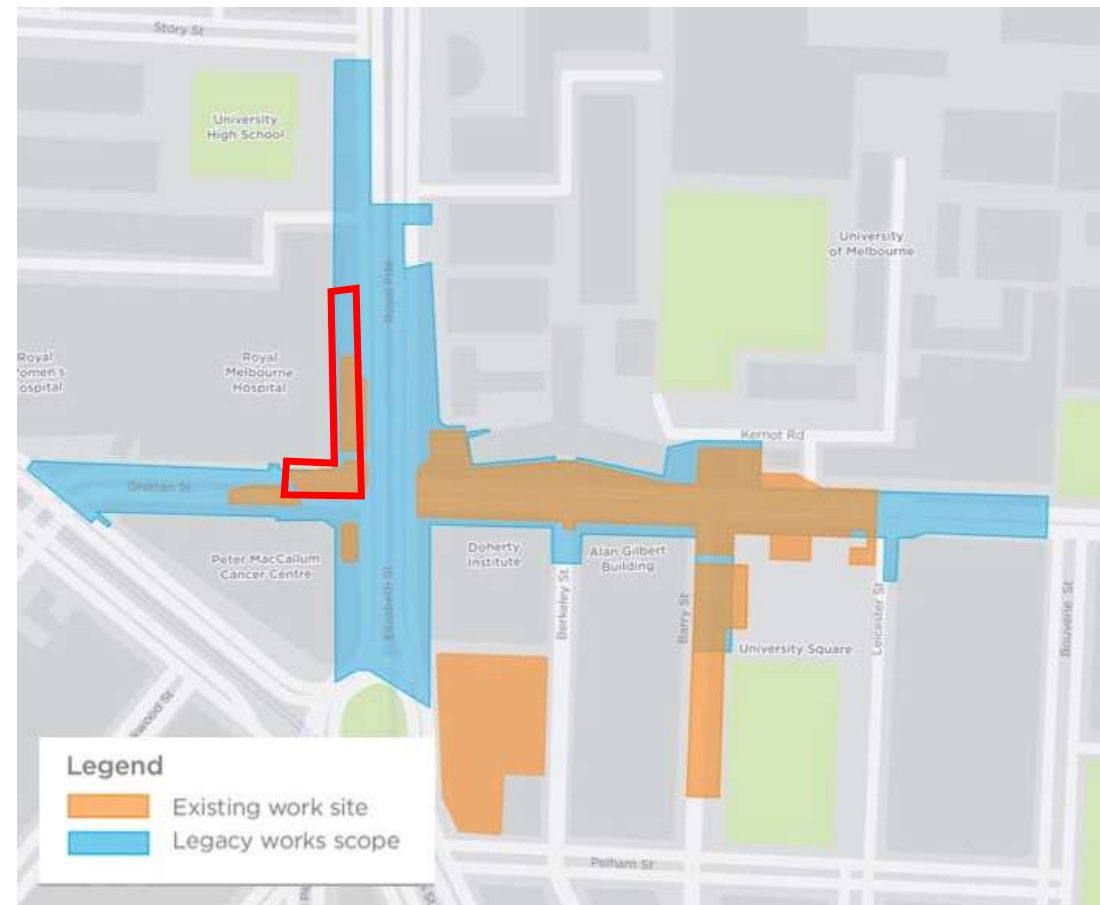


Stage 1D/1G – Grattan Street West and Royal Parade northbound lane

Reinstatement and public realm works



- Timing:
 - 1D: Ongoing until March 2023
 - 1G: Ongoing until March 2023
- The work area will include:
 - Grattan Street West site
 - Royal Parade northbound service lane between Grattan Street and the RMH stroke ambulance driveway
 - Royal Parade footpath
- Traffic and pedestrian changes:
 - Localised pedestrian diversions
 - Closure of the Royal Parade northbound service lane. Vehicles and cyclists will be directed into the inner lane
 - Access to the RMH car park will be maintained from the Royal Parade northbound inner lane
 - Ambulance access will be maintained at all times with minor changes.



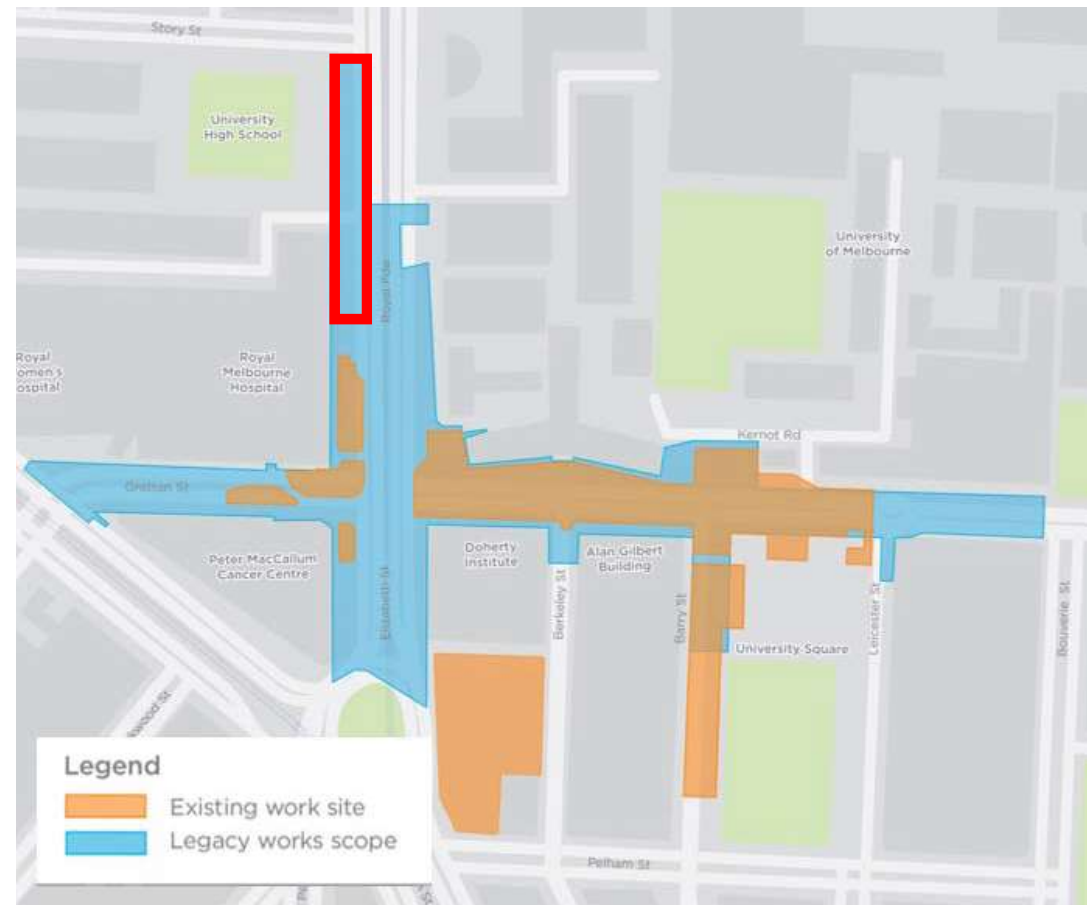
Presenter: Jacob Ramaekers

Stage 2E – Royal Parade northbound service lane

Reinstatement and public realm works



- Timing:
 - Ongoing until April 2023
- The work area will include:
 - Royal Parade northbound service lane between the RMH stroke ambulance driveway and Story Street
- Traffic and pedestrian changes:
 - Closure of the Royal Parade northbound service lane. Vehicles and cyclists will be directed into the inner lane
 - Ambulance access will be maintained at all times with minor changes
 - There will be changes to how vehicles access The Royal Melbourne Hospital car park on Royal Parade
 - CYP are in discussion with Melbourne Health about car park access and timing for works directly adjacent to the car park



Presenter: Jacob Ramaekers

Communications and Stakeholder Engagement Update

Notifications and Communications

- Parkville: Reinstatement and public realm works Royal Parade, December 2022 to early 2023 (29 Nov)
- Parkville: Construction update, December 2022 to January 2023 (12 Dec)
- Parkville: Reinstatement and public realm works update, December 2022 to March 2023 (22 Dec)
- Parkville: Service investigation works, Elizabeth Street, January 2023 (22 Dec)
- Parkville: Construction update, February to March 2023 (6 Feb)
- Parkville: weekly update and four-week look ahead to key stakeholders (ongoing)

Door knocks, meetings, briefings and events

- North Melbourne: fortnightly meetings with City of Melbourne
- Parkville: site tours
- 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.

Community issues/requirements and key stakeholder engagement

- Parkville: reinstatement and public realm works (pedestrian movements, building access)
- Parkville: pedestrian movements around the current Grattan Street east and west sites

Upcoming engagement

- Parkville: reinstatement and public realm works
- Arden: Discussion with Barwise Street traders regarding staging



Other Business

Presenter: Chris Lovell

Other business



Next meeting: Friday 31 March 2023

Presenter: Chris Lovell