



Arden and Parkville Community Reference Group

Meeting 25

Friday 29 July 2022



Arden and Parkville CRG Agenda

Friday 29 July 2022



Item	Topic	Presenter
1	Welcome and introductions	Chris Lovell
2	Minutes and actions	Chris Lovell
3	Rail and tunnel fit out update	CYP
4	CYP construction update: <ul style="list-style-type: none">• Projectwide overview• Parkville: Grattan Street east, Grattan Street west, reinstatement and public realm works• North Melbourne: Arden Station, North Melbourne Electrical substation	CYP
5	Communications and stakeholder engagement update	CYP
6	Other business	Chris Lovell

Minutes and Actions

Rail and tunnel fit out works

Rail and tunnel fit out

Cross passage fit out update



- Cross passage fit out works (CPs 1 – 4)
 - 11 separate contractors currently working in cross passages
 - Future works to include XCD board installation, L&P fit off and communications devices and terminations
 - Energisation and testing programmed for early August
- Cross passage fit out works (CPs 5 – 12)
 - Containment is nearing completion
 - Steel and wall installation works currently underway
 - HVAC works currently underway

Cross passage fit out



OYP
Melbourne Metro Tunnel
CP02 TELCO
03 03 0000 0015

Presenter: Reece Wilkinson

Cross passage fit out



CYP
Melbourne Metro Tunnel
CP02 DAS EQUIPMENT

Presenter: Reece Wilkinson

Track form delivery

State Library Station – Parkville Station



Presenter: Reece Wilkinson

Track form (FST) installation

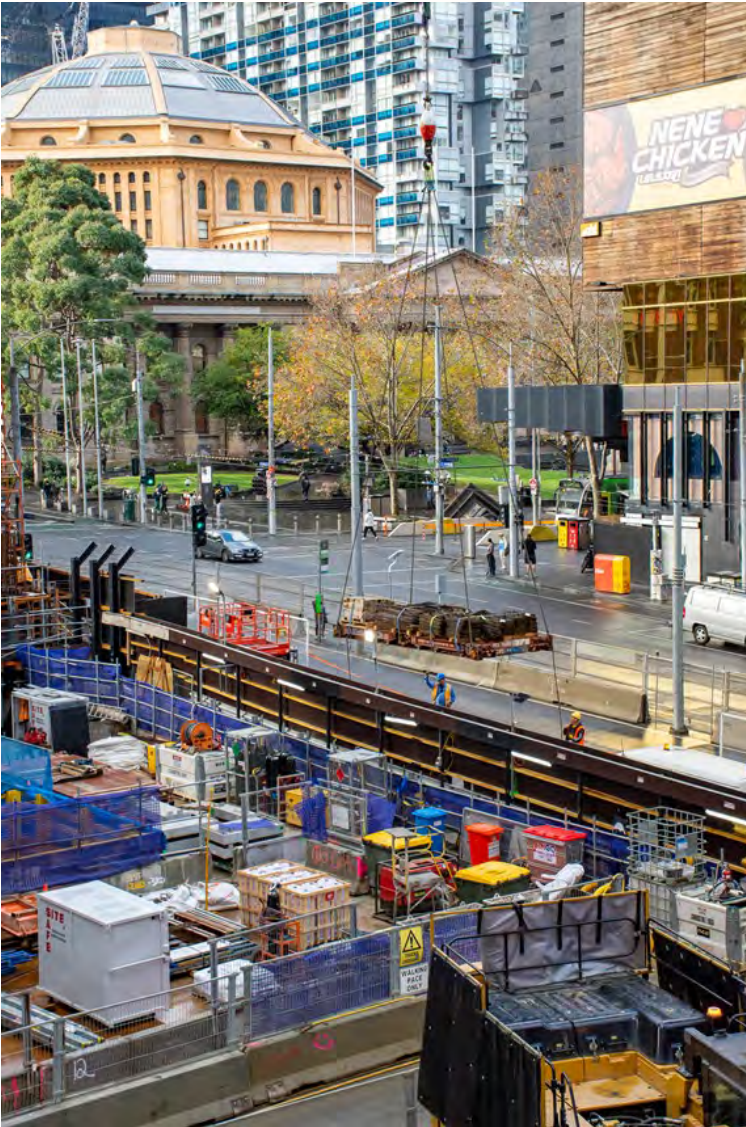
State Library Station – Parkville Station



Presenter: Reece Wilkinson

Construction Update: Projectwide

State Library Station



- CBD North structures and lining team recently completed the last cavern arch pour, which completes the permanent lining scope in the State Library Station cavern
- Shaft construction is continuing at the Franklin East, Franklin West, A'Beckett, La Trobe and Little La Trobe sites
- Passenger underpass construction continues below ground between Melbourne Central and the future State Library Station.

- Excavation at Flinders Quarter is due for completion mid-August
- First of two tower cranes is now operational on Swanston Street. The second tower crane will be installed from 26 July
- Lining and structures works are continuing within the station cavern, rail tunnels and adits
- The Degraes Subway will close from 1 August for up to two years whilst lift installation works take place.



Anzac Station



- Tram interchange on St Kilda Road is progressing with the cross laminated timber panels now installed on the roof of the canopy
- Platform construction continues underground with precast panels installed from south to north
- Final concrete pours and waterproofing is underway on the station roof before it is backfilled and prepared for the final realignment of St Kilda Road trams later this year.

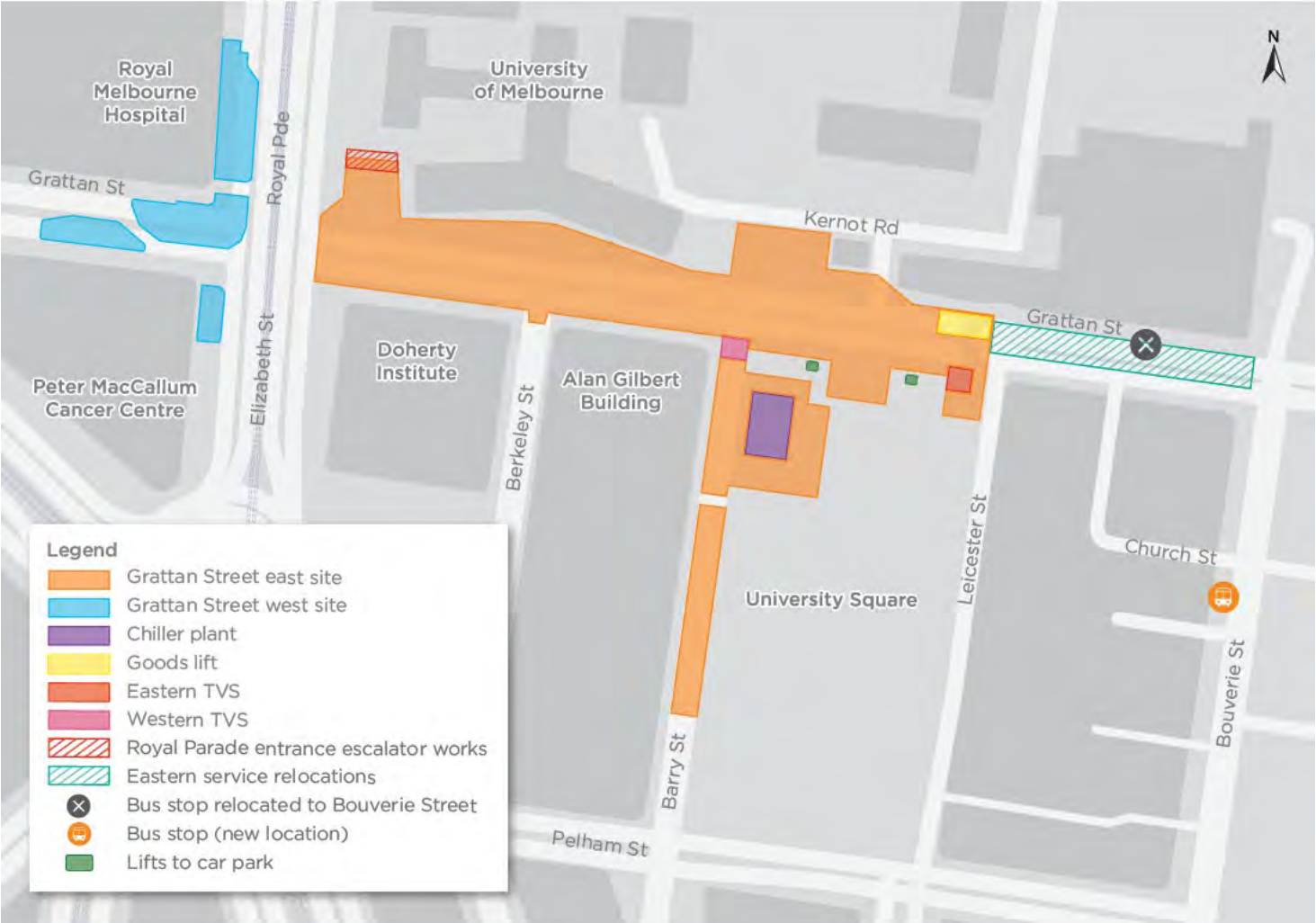


Tram interchange canopy progress

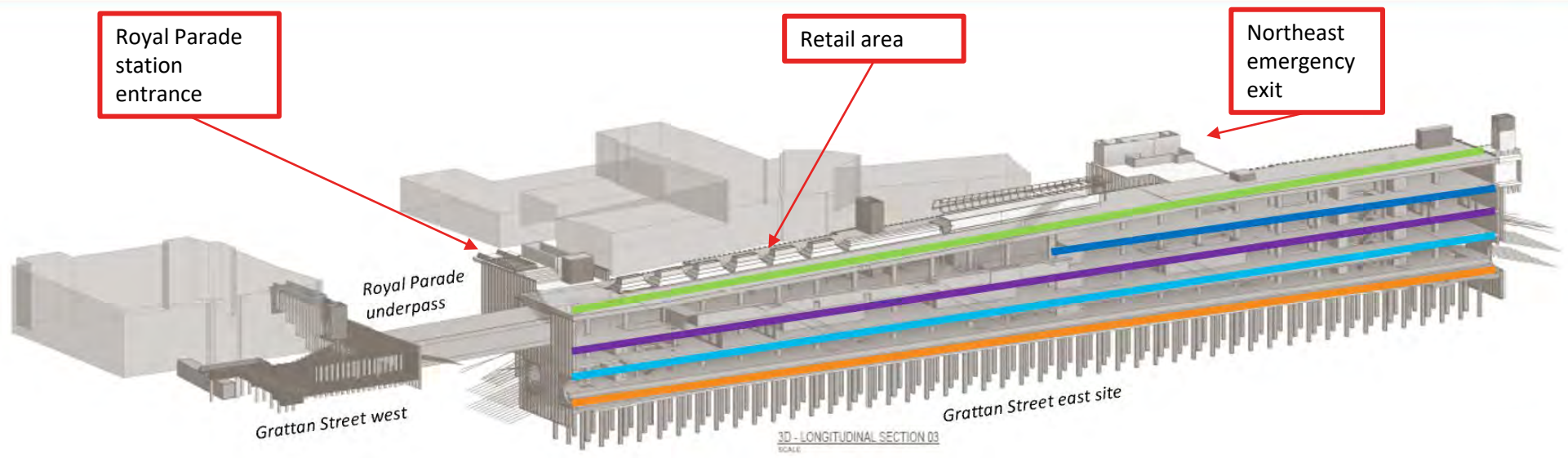


Construction Update: Parkville

Parkville Precinct



Permanent Structure Works



- Roof level
- B1 level
- B2 level
- B3 level
- B4 level

Grattan Street East

Station Construction and Fit Out Works



- Capping beam and pile removal works are ongoing
- Permanent structure activities are ongoing
- Aboveground works:
 - Deck removal completed
 - Gantry crane removal completed
 - Backfill ongoing
 - Aboveground structures to commence.

All three gantry cranes have now been removed

Presenter: Paul Dal Pra

Concourse works



Presenter: Paul Dal Pra

Station Construction and Fit Out Works



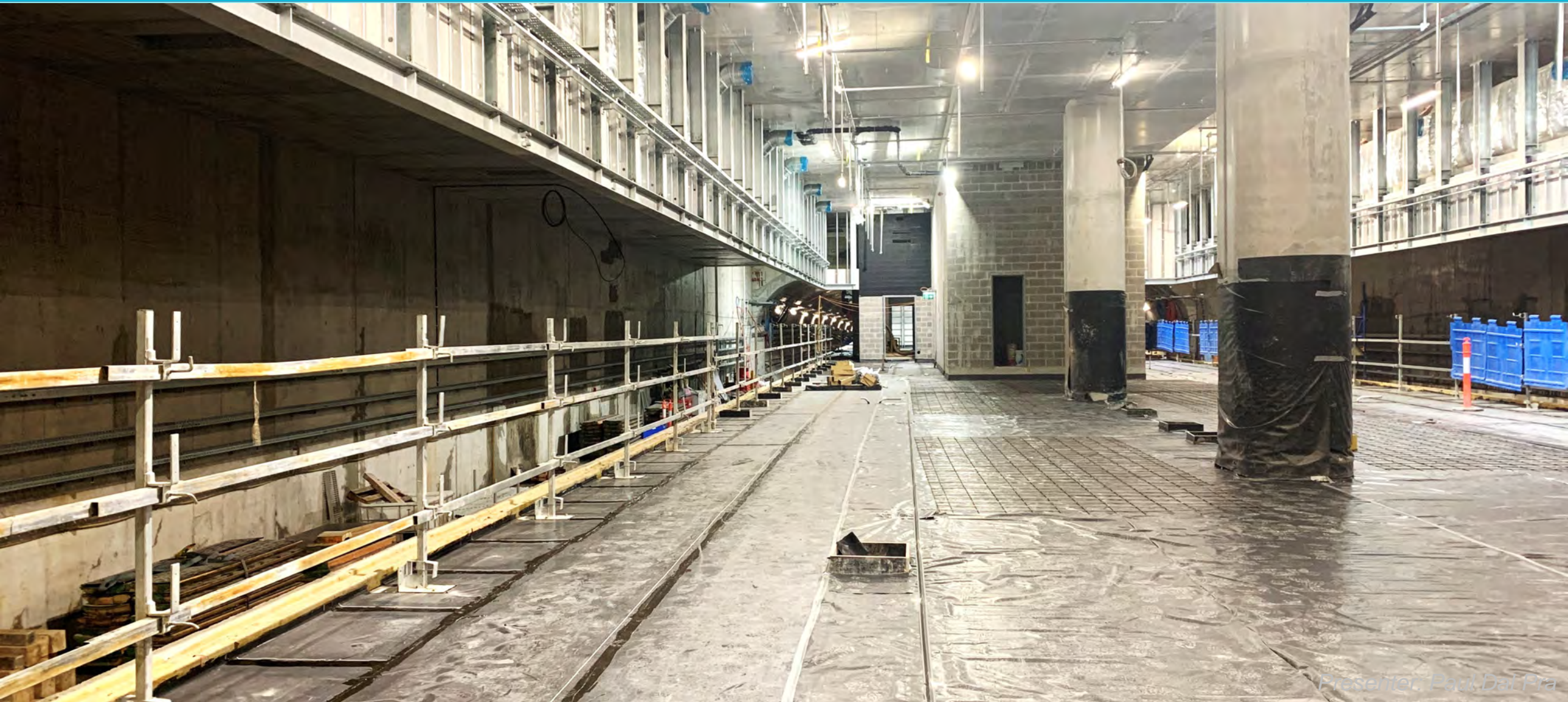
- Fit out works are ongoing and involve the installation of blockwork walls and mechanical, electrical and plumbing (MEP) systems
- All six escalators between B2 (concourse) and B4 (platform) are installed
- B4: Architectural fit out (e.g. cladding, feature ceilings, flooring) commenced in late July.



B2 to B4 escalator installation

Presenter: Paul Dal Pra

Platform level



Secondary Boxes

Retail area, Royal Parade entrance, and northeast emergency area



Royal Parade entrance

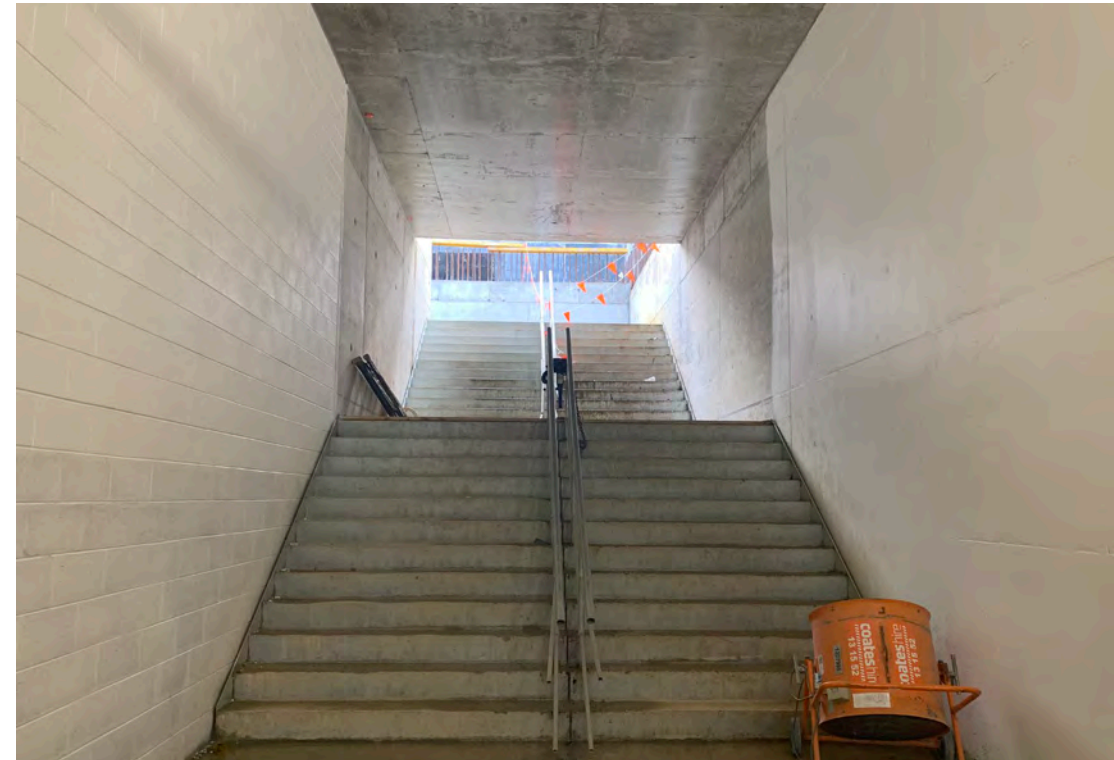
- Temporary footpath under construction
- Excavation to be completed throughout August

Northeast emergency exit area

- Roof slab has been completed. Upstand walls will be installed next on the surface
- Strut removal is complete

Retail area

- Capping beam removal is ongoing
- Staged pile removal is ongoing
- Construction of the north retail blockwork wall will commence in August.



Northeast emergency exit area

Chiller Plant and Tunnel Ventilation Shafts



Chiller plant

- Structural steel is currently being installed out of hours. Structural steel installation will be completed in August.
- Chillers will be installed in August
- Fit out works to continue following

Western TVS

- Waterproofing and lining wall works are on hold due to site access restrictions

Eastern TVS

- Waterproofing and lining wall works are complete
- Ventilation shaft (upstand walls) are being installed
- Hoarding removal works within the University Square Car Park is underway on levels B3 to B5. Levels B1 and B2 will remain the same.



Chiller plant progress

Royal Parade underpass



- The structure will be complete once all three crown (ceiling) pours have been completed
- Following these works, MEP and architectural fit out works will commence.

Royal Parade underpass

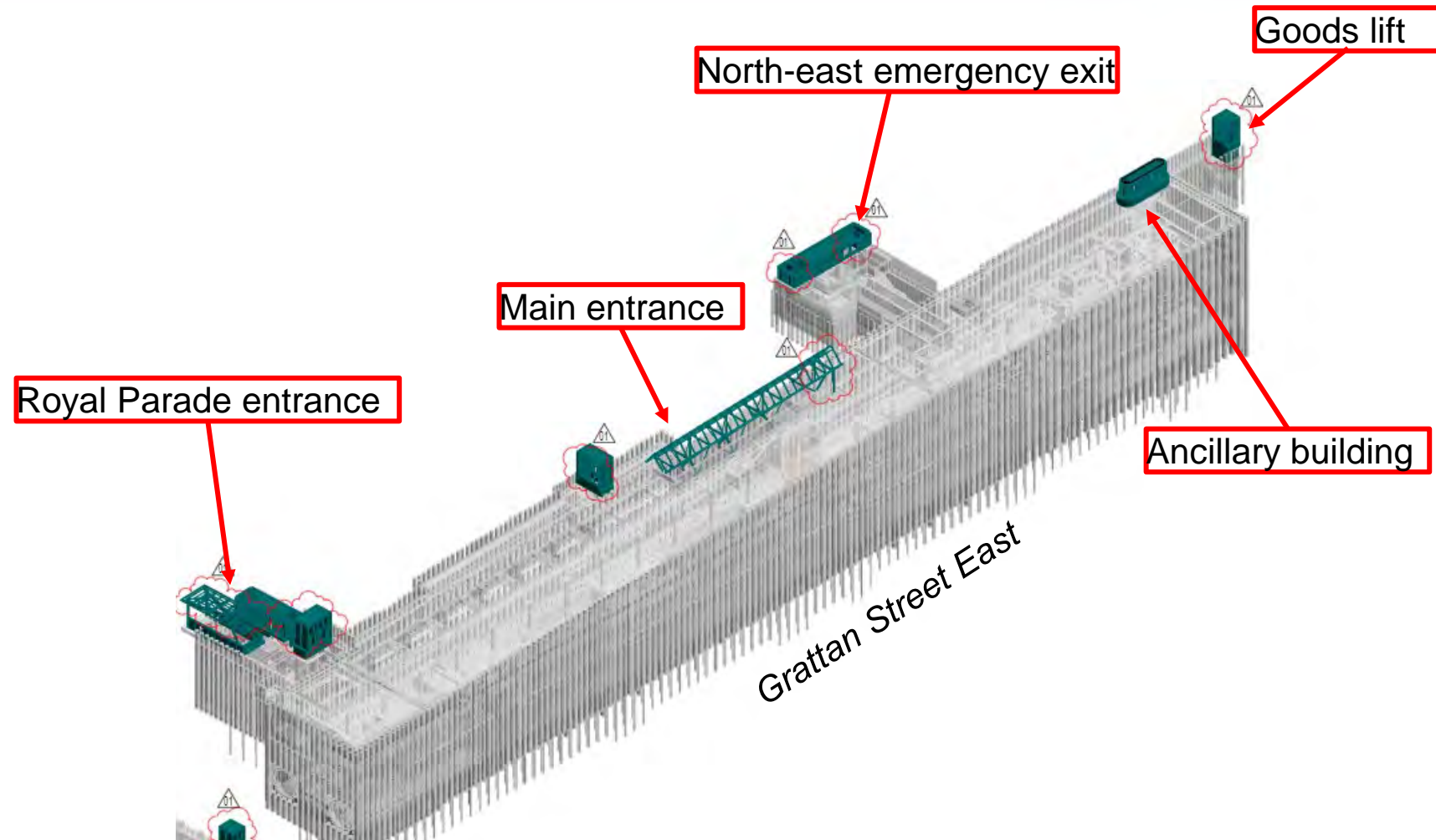
Aboveground structures – Grattan Street East



Aboveground structure installation involves:

- Precast elements
- Mechanical elements
- Steel structure

Some oversized elements will need to be delivered on nightshift.

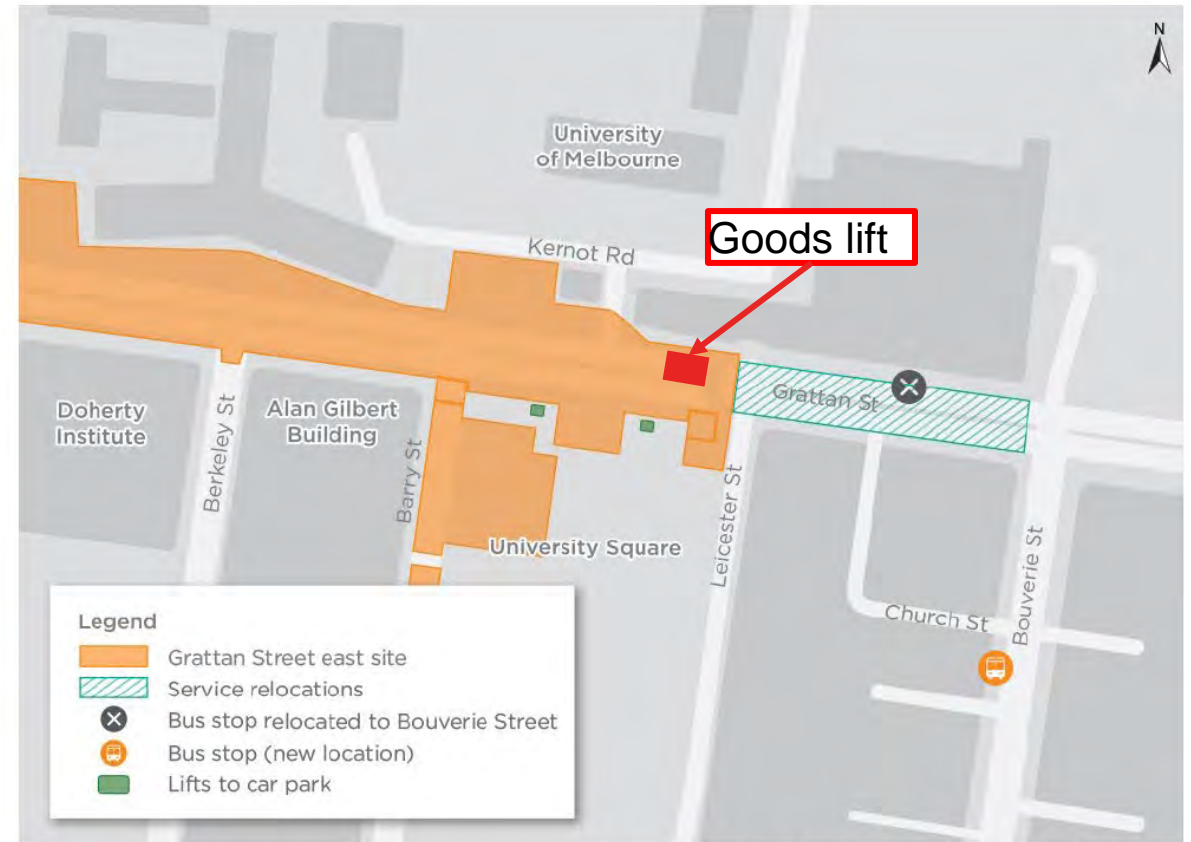


Service Relocations & Goods lift

Grattan Street between Leicester and Bouverie streets



- **HV service relocations** are underway on Grattan Street between Leicester and Bouverie Street. Works are ongoing
- **Gas relocations** adjacent to the University of Melbourne's Engineering Building undercroft and the future goods lift are currently programmed to commence from mid-August. Works will be undertaken by APA
- Following completion of gas relocation works, **Goods lift excavation** will commence in September.



Indicative only and subject to change

Six Month Program

Grattan Street east



Activity	Aug 22	Sept 22	Oct 22	Nov 22	Dec 22	Jan 23
Station box permanent structure works						
Station box fit out						
Royal Parade entrance						
Retail area						
Northeast emergency exit						
Staged pile removal (intermittent)						
East TVS						
West TVS						
Chiller plant						
Goods lift						
Royal Parade underpass						
Staged capping beam removal						
Service relocations (Grattan Street)						

Indicative only and subject to change

Presenter: Paul Dal Pra

Grattan Street West

Station Entrance Construction



- Permanent structure works are ongoing
 - main structure is complete with the exception of the escalator inclines
 - roof penetration has been closed
 - Lift upstand walls complete
- 17 of 29 of the temporary king posts have been removed
- Following permanent structure works, fit out works will commence within the west box and involve blockwork, mechanical, electrical and plumbing installation and secondary wall construction.



The roof penetration has now been closed

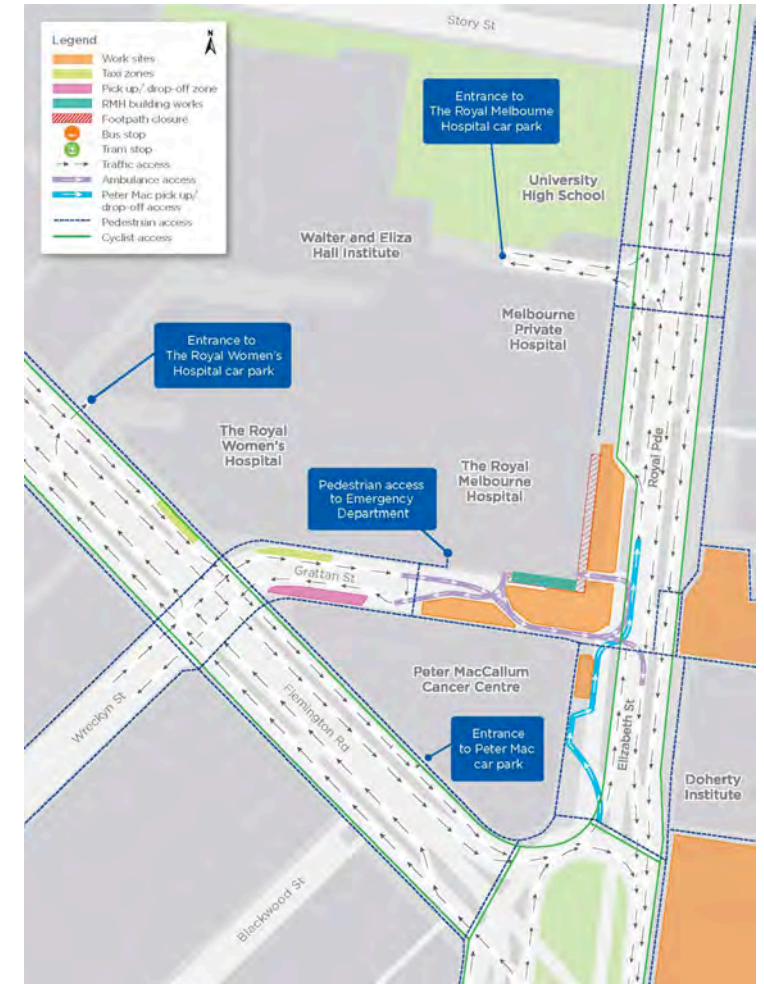
Presenter: Paul Dal Pra

Surface Works

Current and upcoming works



- Roof slab waterproofing
- Western escalator ground slab construction. Precast, escalator and steel portal installation to follow
- Northern & western escalator incline lining wall construction
- Lift precast installation – RMH and VCCC
- Northern footpath closure planned from early August to facilitate:
 - Pile de-heading
 - Roof slab backfill
 - Ambulance bridge removal
 - Northern escalator ground slab excavation
 - Northern escalator ground slab construction
- Northern escalator precast, escalator and steel portal installation (mid September)
- Commencement of Urban realm works (end September 2022)



Pedestrian diversion
Presenter: Paul Dal Pra

Program

Grattan Street west



Six-month program

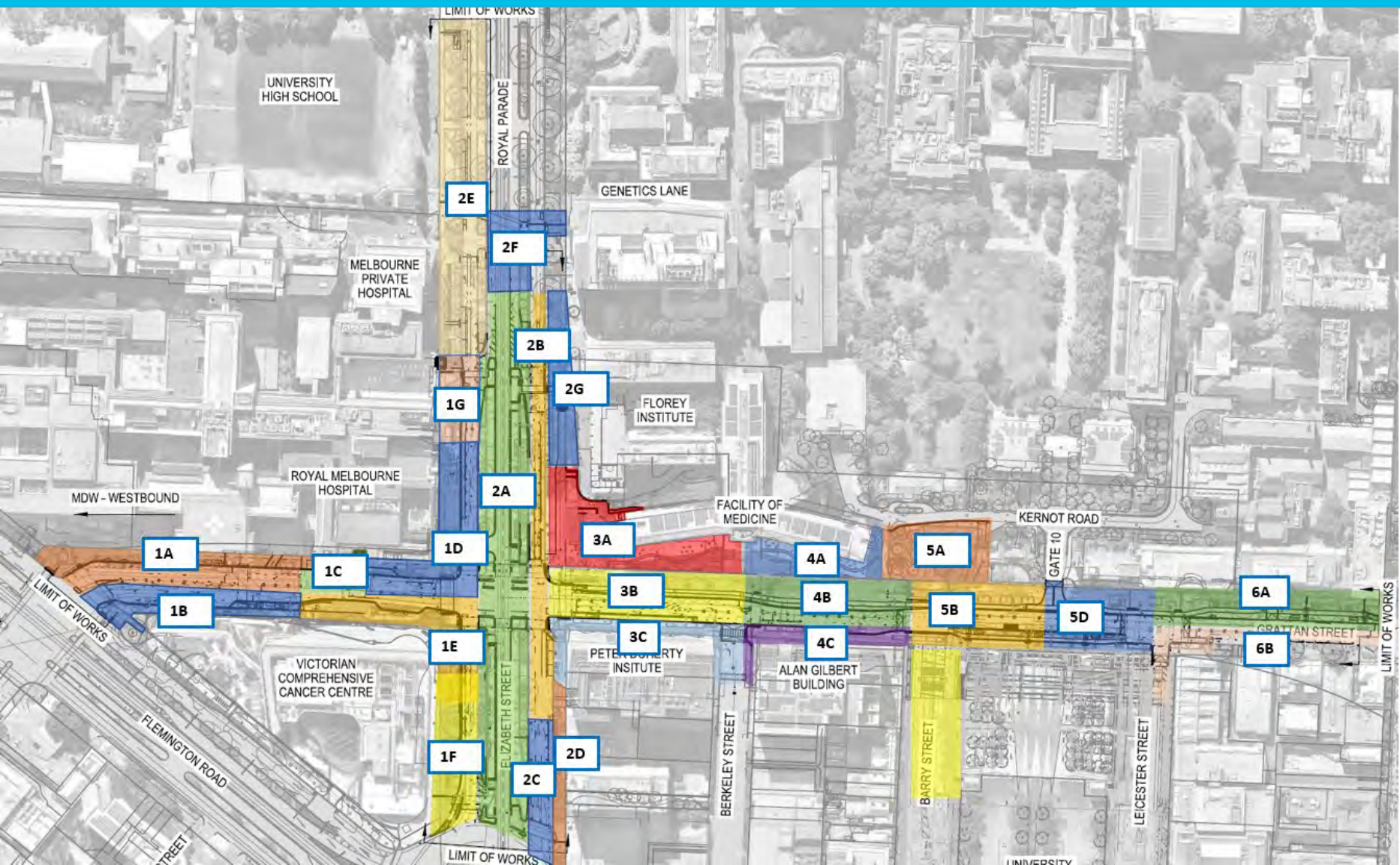
Activity	Aug 22	Sept 22	Oct 22	Nov 22	Dec 22	Jan 23
Permanent structure works						
Escalator works						
King post removal						
Surface installation						
Service installation and fit out works						
Pile top removal						
Backfill						

Indicative only and subject to change

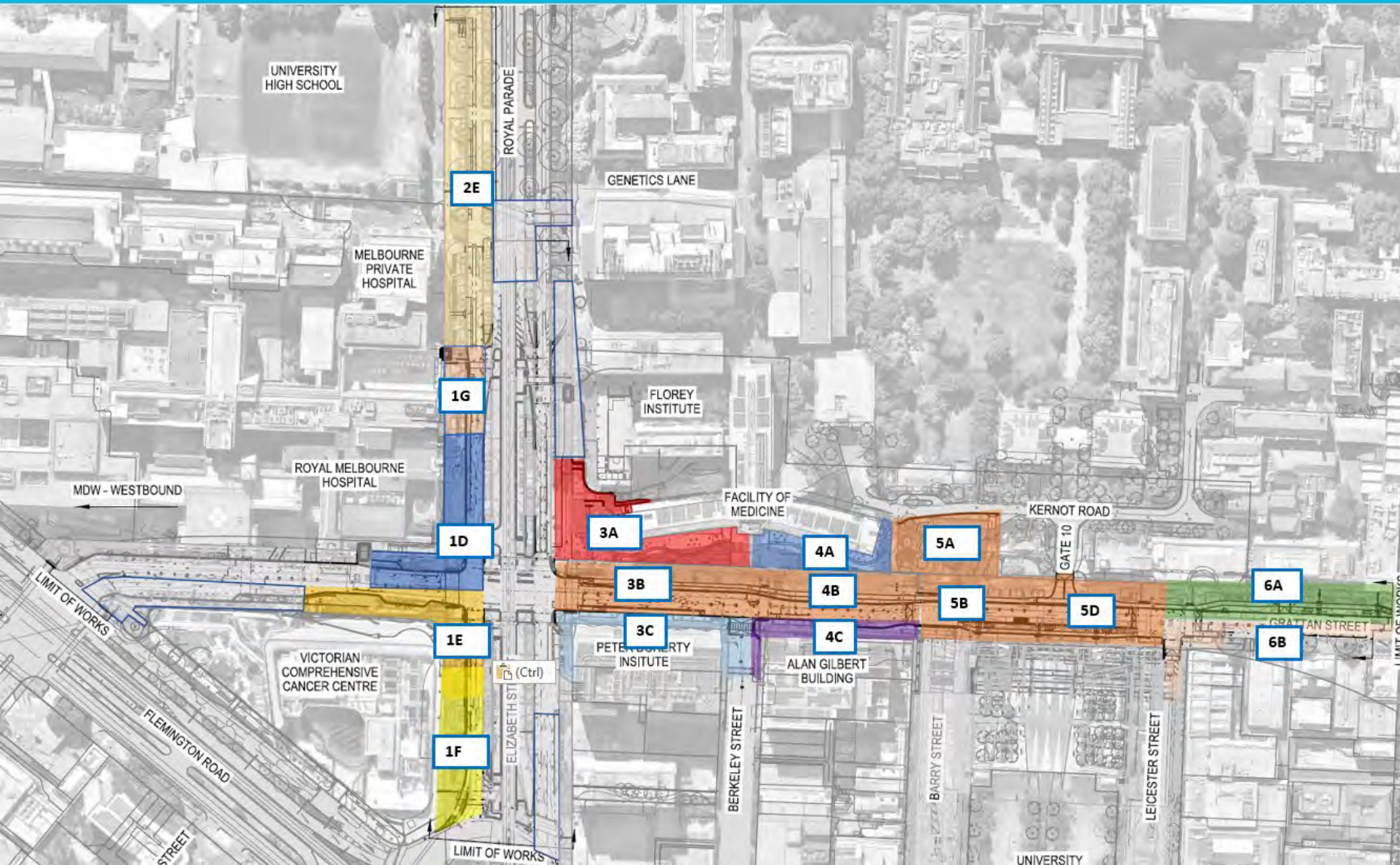
Reinstatement and Public Realm Works

Reinstatement and Public Realm Works

Staging



2022 work zones



- Works will commence in the following zones in 2022
- Some works in these areas will continue into 2023
- Works will be progressively staged throughout each area
- Pedestrian and traffic changes will be in place for zones 1D, 1G, 1E, 1F, 2E, 3C, 4C, 6A, 6B.

Reinstatement and Public Realm Works

Six-month program



Activity	Aug 22	Sept 22	Oct 22	Nov 22	Dec 22	Jan 23
1D – current Grattan Street west site						
1E – corner of Elizabeth & Grattan streets (Peter MacCallum Cancer Centre)						
1F – Elizabeth Street (Peter MacCallum Cancer Centre)						
1G – Royal Parade (The Royal Melbourne Hospital)						
2E – Royal Parade to Story Street (Melbourne Private Hospital)						
2G – Royal Parade (Florey Institute)						
3A – corner of Grattan Street and Royal Parade (UoM Medical Building)						
3B – current Grattan Street east site						
3C – Doherty Institute gantry						
4A – UoM Medical Building east gantry						
4B – current Grattan Street east site						
4C - Alan Gilbert gantry						
5A – northeast emergency exit area (Kernot Road)						
5B – current Grattan Street east site						
5D – current Grattan Street east site (Gate 10)						
6A – Grattan Street (between Leicester and Bouverie streets)						
6B – Grattan Street (between Leicester and Bouverie streets)						

*Indicative only and subject to change
Not included: stages 1A, 1C, 1B, 2A, 2B, 2C, 2D, 5C, as these stages commence after November 2022*

Presenter: Paul Dal Pra

Construction Update: North Melbourne

Station Entrance Construction



- The last of the façade panels are being installed at the station entrance
- Mechanical, electrical and plumbing (MEP) rough in for both back of house and public facing amenities including restrooms, ticketing facilities and station control rooms.

Station Entrance Construction



- Escalators from the entrance to concourse are installed
- Lift frame is also installed with lift core to be installed in the coming weeks
- Lift core install will allow the final logistics opening on the side of the station entrance to be closed up

Concourse



- Preparations underway for the concourse feature ceiling installation
- Screeding underway to prepare for the final floor installation
- Bracket installation beginning for the glass cladding in front of house area
- Steel structure for the skylights to commence next month

Platform



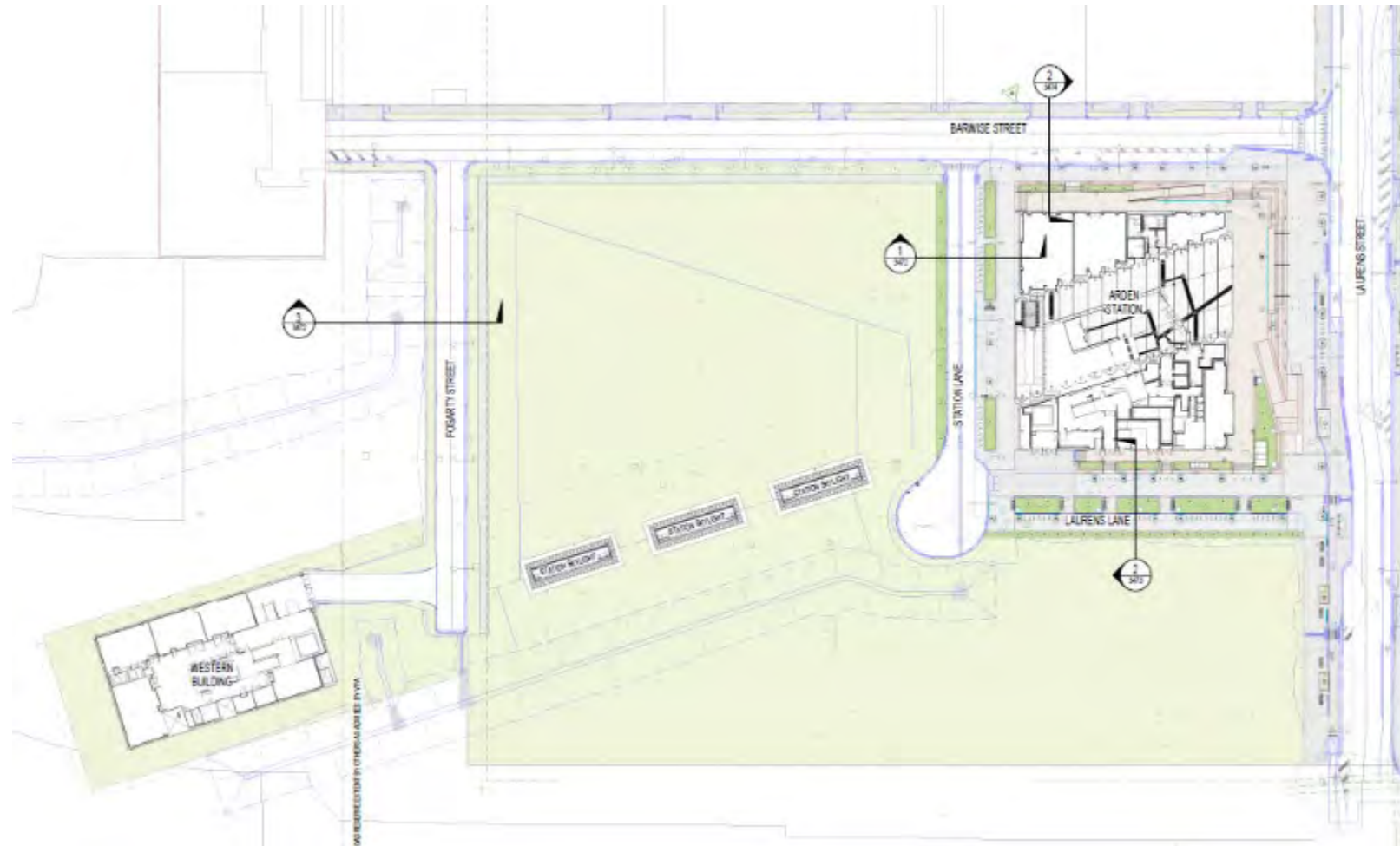
- Platform screen door (PSD) cladding installation is underway
- Acoustic baffle hangers also installed on the ceiling, these baffles will reduce the amount of train related noise for passengers
- Platform screen door isolation mats installed ahead of screed application on the platform

Services Building



- Works are underway to energise the services building at Arden Station
- This will allow the handover of the station's Communication Equipment Rooms (CER) to the Rail Network Alliance (RNA).

Surface Works



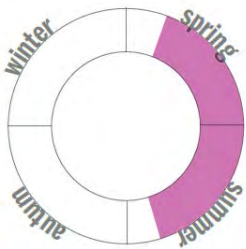
- Works carried out by various telecommunication companies are nearly complete on Barwise Street
- This will allow the project to commence in-ground service and drainage installation along Barwise Street
- No road closures anticipated as part of these works. Parking on Barwise will be unavailable
- D-wall demolition is continuing behind the station entrance
- This is in preparation for the start of some legacy works later this year

Internal Substation update



- Electrical and mechanical works have been underway inside the Intake Substation (ISS)
- Testing and commissioning processes has been occurring over the past month and a half
- With the ISS energised it enables Arden Station to begin testing and commissioning processes for the tunnel network, powering the entire alignment.

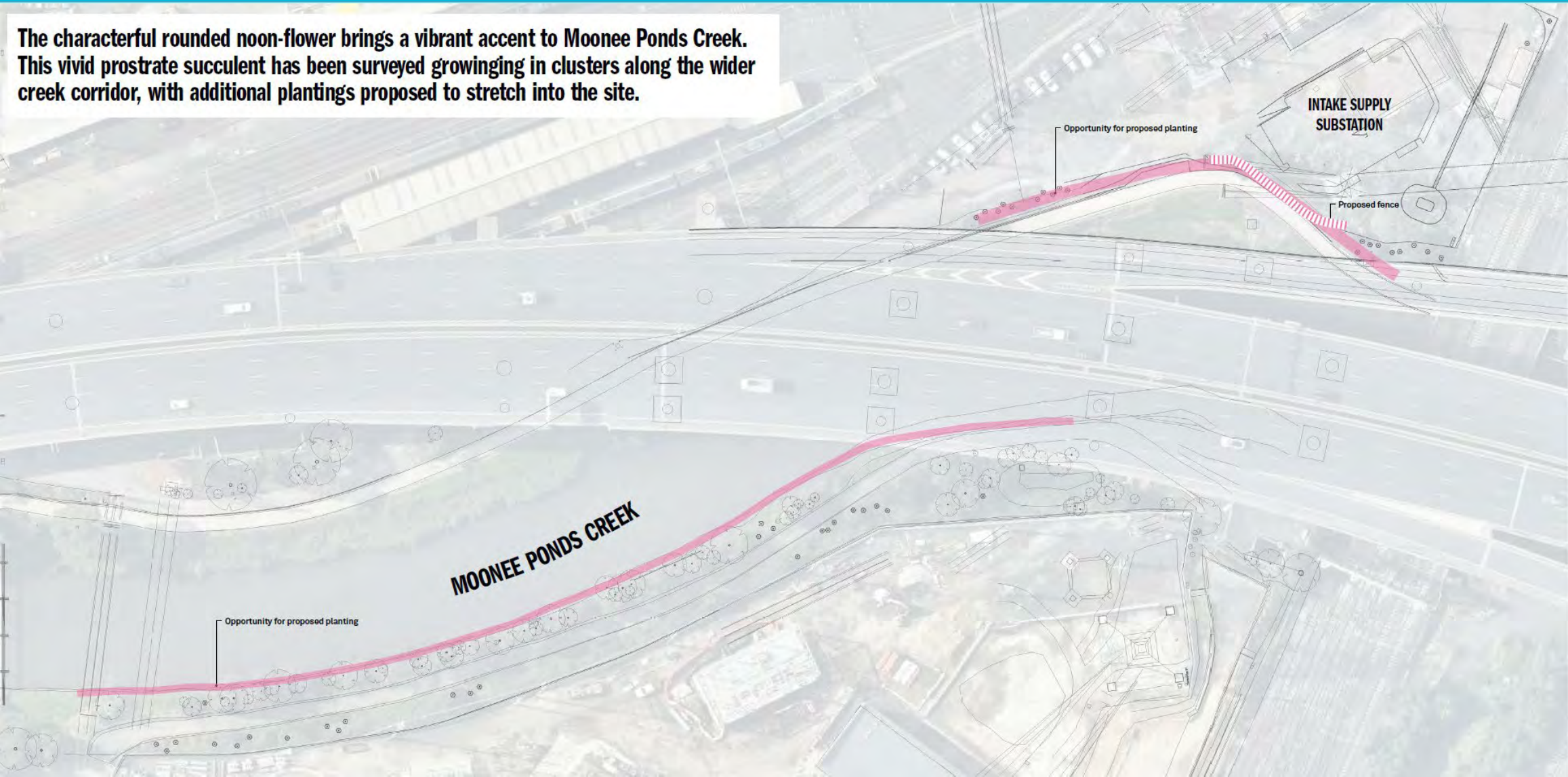
Updated Fencing design



Updated Fencing design



The characterful rounded noon-flower brings a vibrant accent to Moonee Ponds Creek. This vivid prostrate succulent has been surveyed growing in clusters along the wider creek corridor, with additional plantings proposed to stretch into the site.



Six month program

North Melbourne



Activity	Aug	Sept	Oct	Nov	Dec
Surface and utility works					
Over track exhaust (OTE), platform screen doors and platform construction					
Services building construction					
Station entrance construction					
North Melbourne Electrical Substation construction and landscaping					

Communications and Stakeholder Engagement Update

Notifications and Communications

- Parkville: Services relocations (Grattan Street between Leicester and Bouverie streets) works update (8 July)
- North Melbourne: June/July construction update (1 June)
- 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, University of Melbourne, City of Melbourne

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

Other Business

- Next meeting: Friday 16 September 2022