



Arden and Parkville Community Reference Group

Meeting 27

Friday 11 November 2022



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	Signalling 101	RNA
3	Project-wide construction and rail and tunnel fit out update	CYP
4	North Melbourne construction update <ul style="list-style-type: none">• Current and upcoming works• Reinstatement and public realm update	CYP
5	Parkville construction update <ul style="list-style-type: none">• Current and upcoming works• Reinstatement and public realm works• Environment update	CYP
6	Stakeholder and communications update	CYP
7	General feedback and items for future discussion	CRG members
8	Other business	Chris Lovell

Presenter: Chris Lovell

Minutes and Actions

Signalling 101

Construction Update: Rail and Tunnel Fit Out

Rail and track

- Floating slab track (FST) installation continues between State Library and Town Hall stations
- Preparations are underway to install the final section of FST near the Eastern Portal
- The first lengths of rail have been transferred from the Western Portal to cross passage 12 in preparation for installation
- Transfer involved the placement of rail lengths onto a set of skates before pulling them through the tunnel
- Installation will involve the placement of track form units and then threading the rail lengths onto the rail seats to achieve final alignment
- Once the track form and rail are in their final alignment, second stage concrete will be poured. Second stage concrete will bond the track form to the first stage concrete

Platform screen doors (PSDs)

- PSD framework installation is complete at Parkville Station
- PSD framework installation is ongoing at Arden Station
- The first automated door is due to be installed at Parkville in late November.

Construction Update: Project-wide

State Library Station



- Shaft construction is continuing at all five State Library Station sites
- Rail platform 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.



Rail platform tunnel construction



La Trobe Street site

Town Hall Station



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



Anzac Station



- Works on the canopy over the new tram/train interchange are nearly complete
- Platform precast installation is now complete
- Excavation is now underway on the second stage of the entrance adjacent to the Shrine of Remembrance
- The southbound lane of St Kilda Road has been realigned and works are underway inside site to build the new tram alignment around the tram platform
- Reminder: buses will replace trams on St Kilda Road between the Arts Centre and Commercial Road from 27 November until 17 December 2022



Tram track installation

Construction Update: North Melbourne

Concourse



Glazing installation around the void



Cockatoo lighting brackets

- Two Arden Station skylights have been installed and glazed
- Installation of glass balustrades around the mezzanine perimeters of the central voids is nearly complete
- Installation of architectural features including cockatoo lighting brackets in the station entrance building and in the central atrium void has commenced
- Concourse paving has commenced and will continue over the coming weeks

East building entrance



Escalators fit off works



Lift fit off works

- Fit off works for vertical transportation, lifts and escalators is ongoing
- Over the coming weeks, protective glazing will be installed on either side of the escalators
- Testing and commissioning will take place in December



Acoustic and architectural ceiling features

- Installation of acoustic ceiling features, ribs and baffles continues at platform level
- Installation of baseplate supports has commenced for the platform screen doors (PSD)
- Over the coming weeks, frames will be installed along the platform to support the PSDs
- Brackets will begin to be installed for CCTV cameras above the PSDs
- Floating track slab installation continues within the tunnels

Surface works



- On surface level, works around the station entrance building continue to form the station's terrace
- StrataVaults have been installed on the northern and eastern sides of the station entrance
- On the southern side of Barwise Street, trenching and subsurface drainage works have commenced. These will form part of the legacy design landscaping
- In 2023 works will commence on the legacy footpath and kerb works in Laurens Street

StrataVault installation and subgrade works

Six month program

North Melbourne



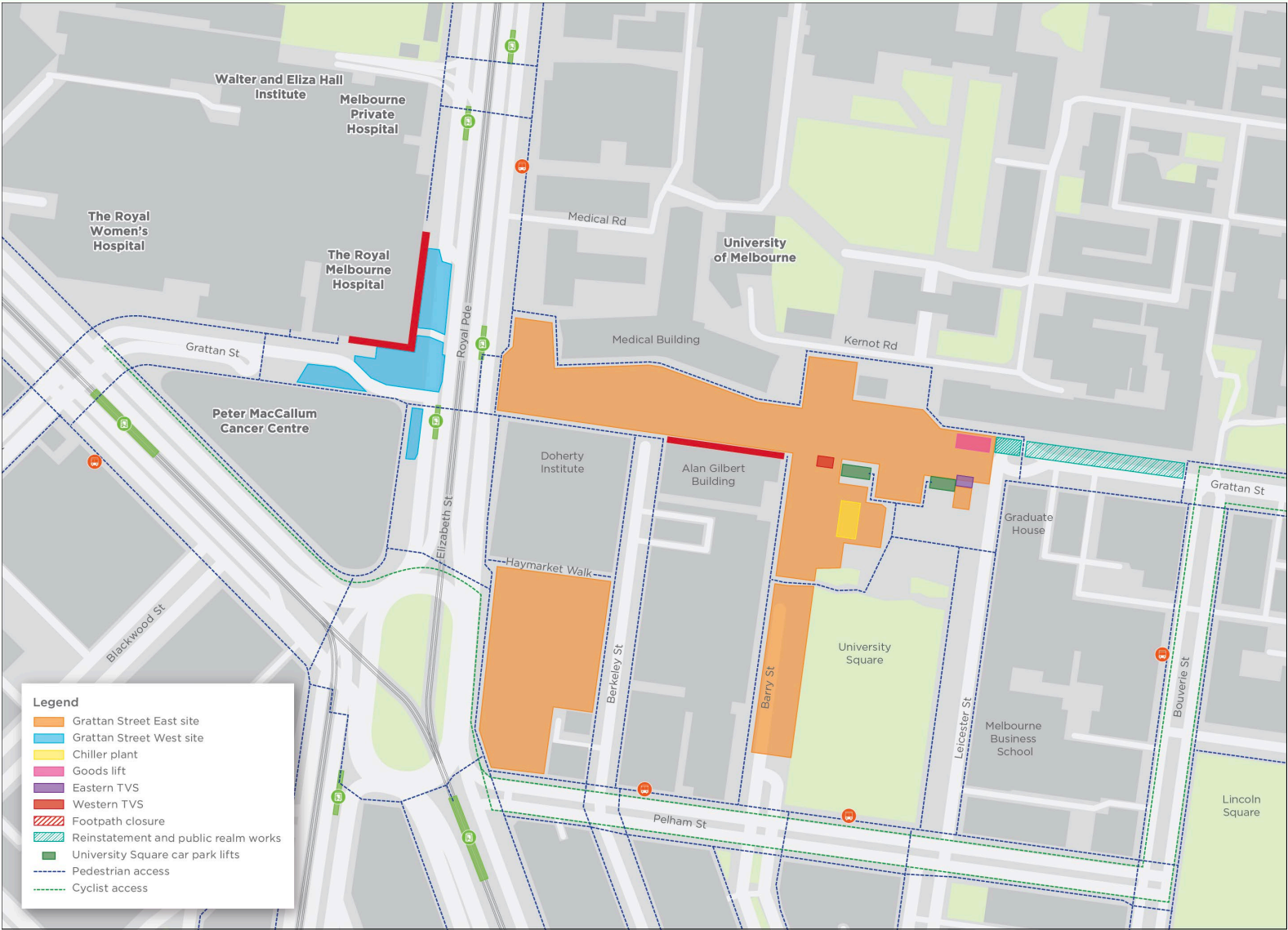
Activity	Nov	Dec	Jan	Feb	Mar
Surface and utility works					
Over track exhaust (OTE), platform screen doors and platform construction					
Station entrance construction					
North Melbourne Electrical Substation construction and landscaping					
Laurens Street footpath and kerb works					



Construction Update: Parkville

Parkville Station overview

Current site set-up



Presenter: Tim Fleming

Grattan Street East

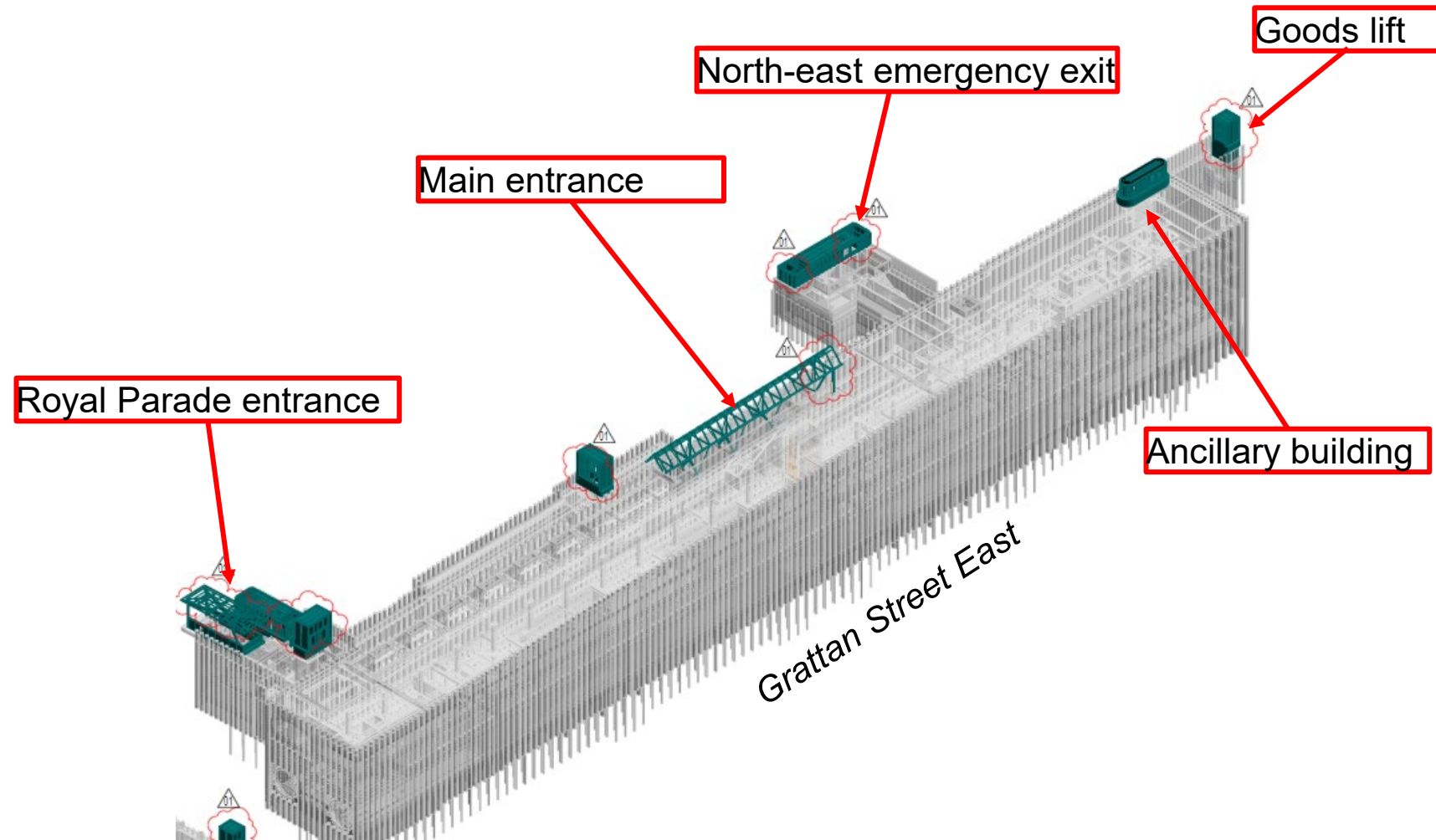
Aboveground structures – Grattan Street East

Surface works



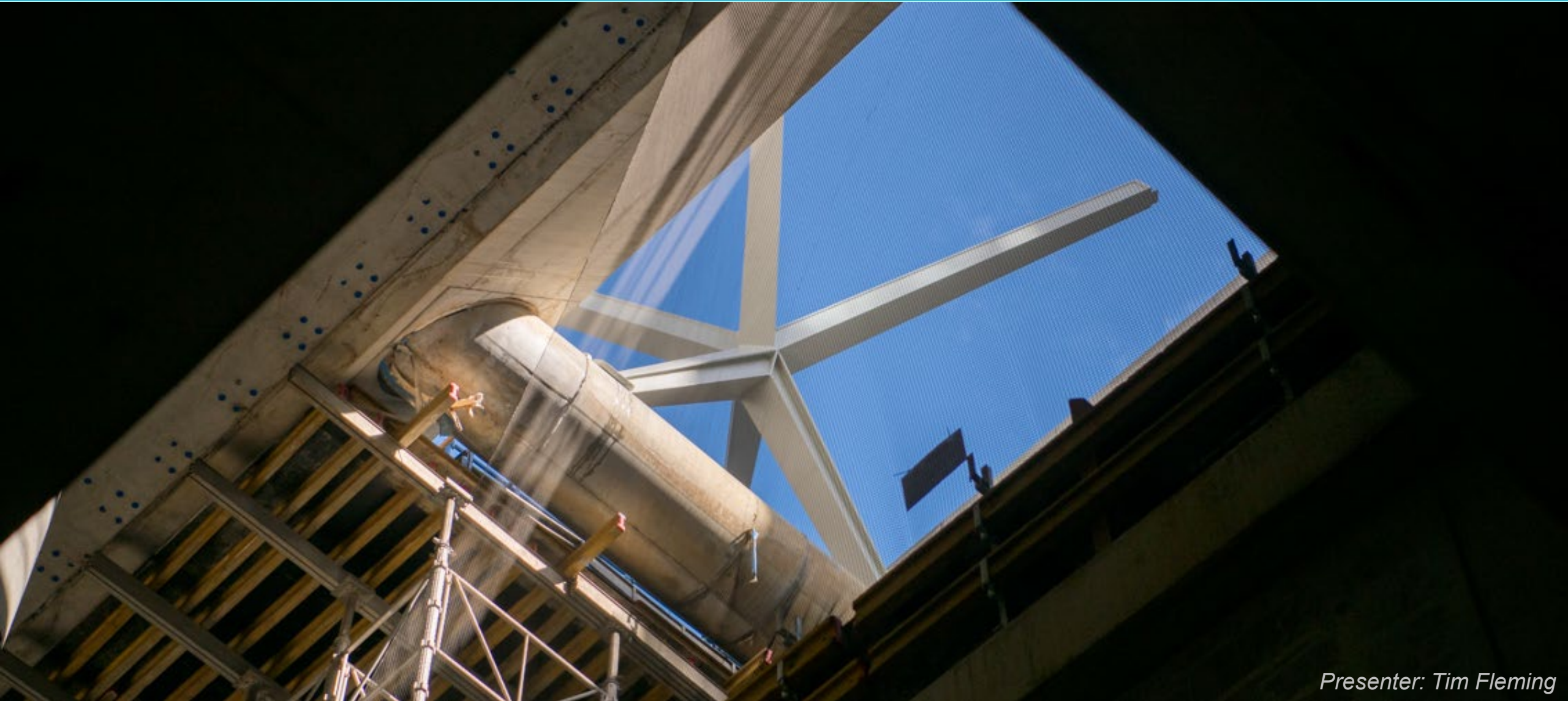
- Grattan Street main entrance works are ongoing until early 2023
- Royal Parade entrance steel canopy works to commence in December 2022. Precast elements are being installed
 - Installing the entrance will require setting up scaffolding above the north-east pedestrian footpath
- The ancillary building has been installed
- The goods lift structure will be installed in 2023, following the completion of excavation, permanent structure works etc.
- North-east emergency exit area aboveground structures will start being installed in late November.

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



Grattan Street main entrance works – spider frame installation

Surface works



Presenter: Tim Fleming

Grattan Street main entrance works – spider frame installation

Surface works



Presenter: Tim Fleming

Grattan Street main entrance works - Longitudinal frame installation

Surface works



Presenter: Tim Fleming

Skylight construction

Surface works



- Structural works for four out of the six skylights are complete
- The remaining two skylights will be completed by early December



Skylight construction

Presenter: Tim Fleming

'False' skylight from the concourse level

Surface works



Presenter: Tim Fleming

Capping beam and pedestrian gantry removal works – Grattan Street East

Surface works



Berkeley to Barry Street

- Ongoing until 19 November
- Footpath closures are in place
- Pedestrian gantry removed
- 50 metres of 80 metres has been removed

Elizabeth to Berkeley streets

- Staged footpath closure to commence 15 November until early 2023
- Pedestrian gantry and capping beam to be removed once the footpath is closed

Working hours are 24 hours, Monday to Friday and 7am to 1pm, Saturdays.



Berkeley to Barry street capping beam removal works

Presenter: Tim Fleming

Capping beam removal – Elizabeth to Berkeley streets Stage 1

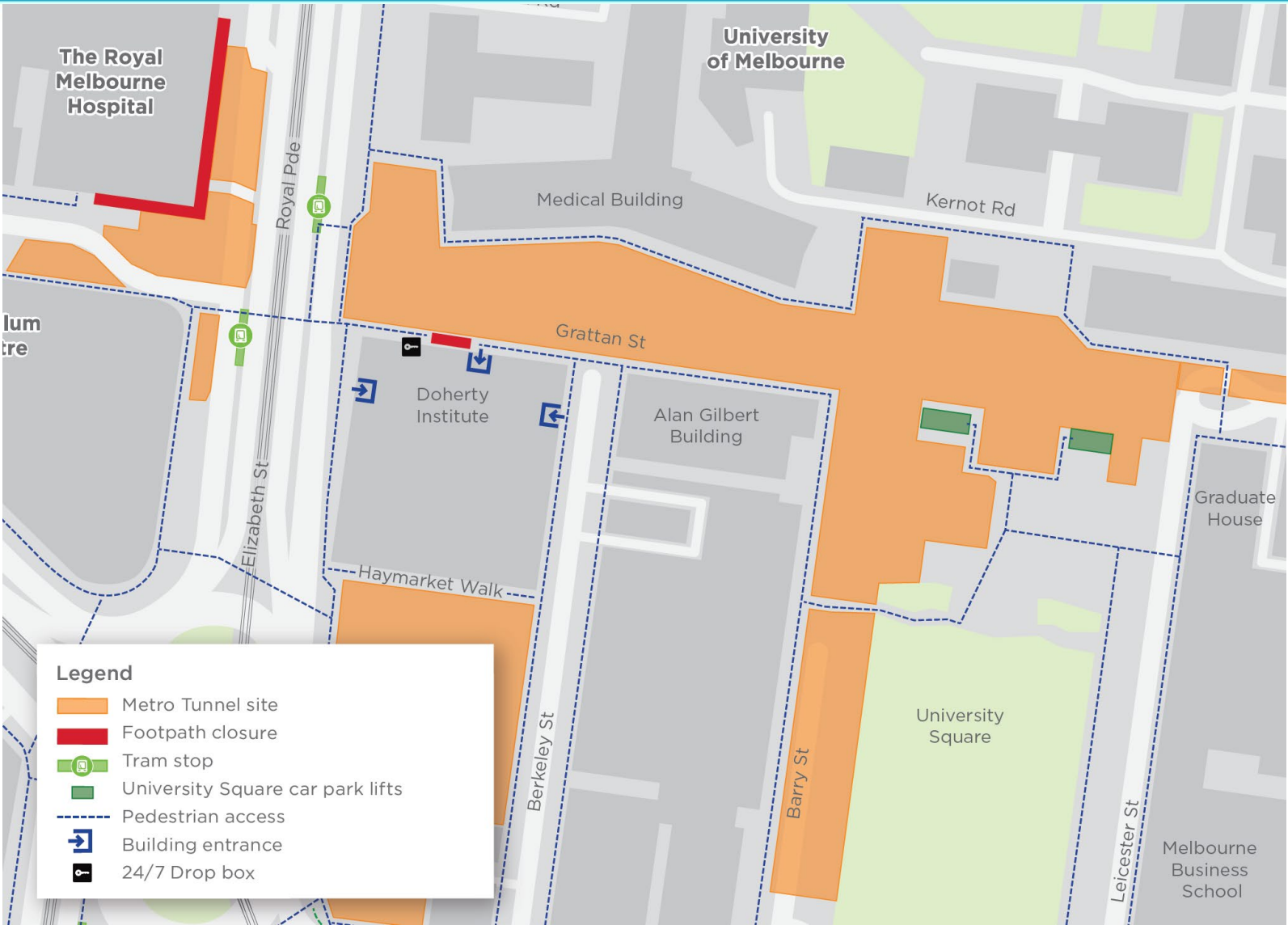
Surface works



Presenter: Tim Fleming

Capping beam removal – Elizabeth to Barry streets Stage 2

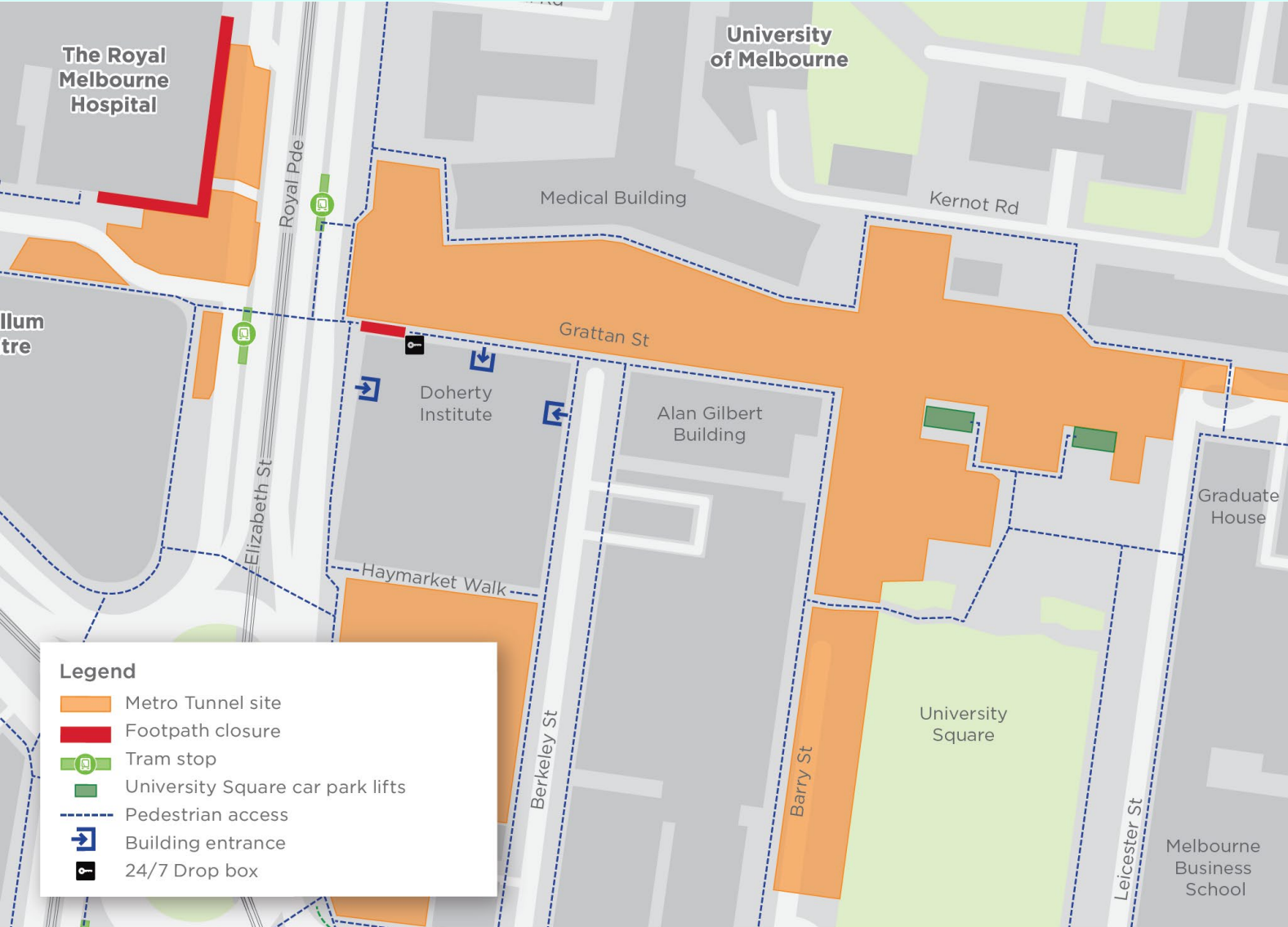
Surface works



Presenter: Tim Fleming

Capping beam removal – Elizabeth to Barry streets Stage 3

Surface works



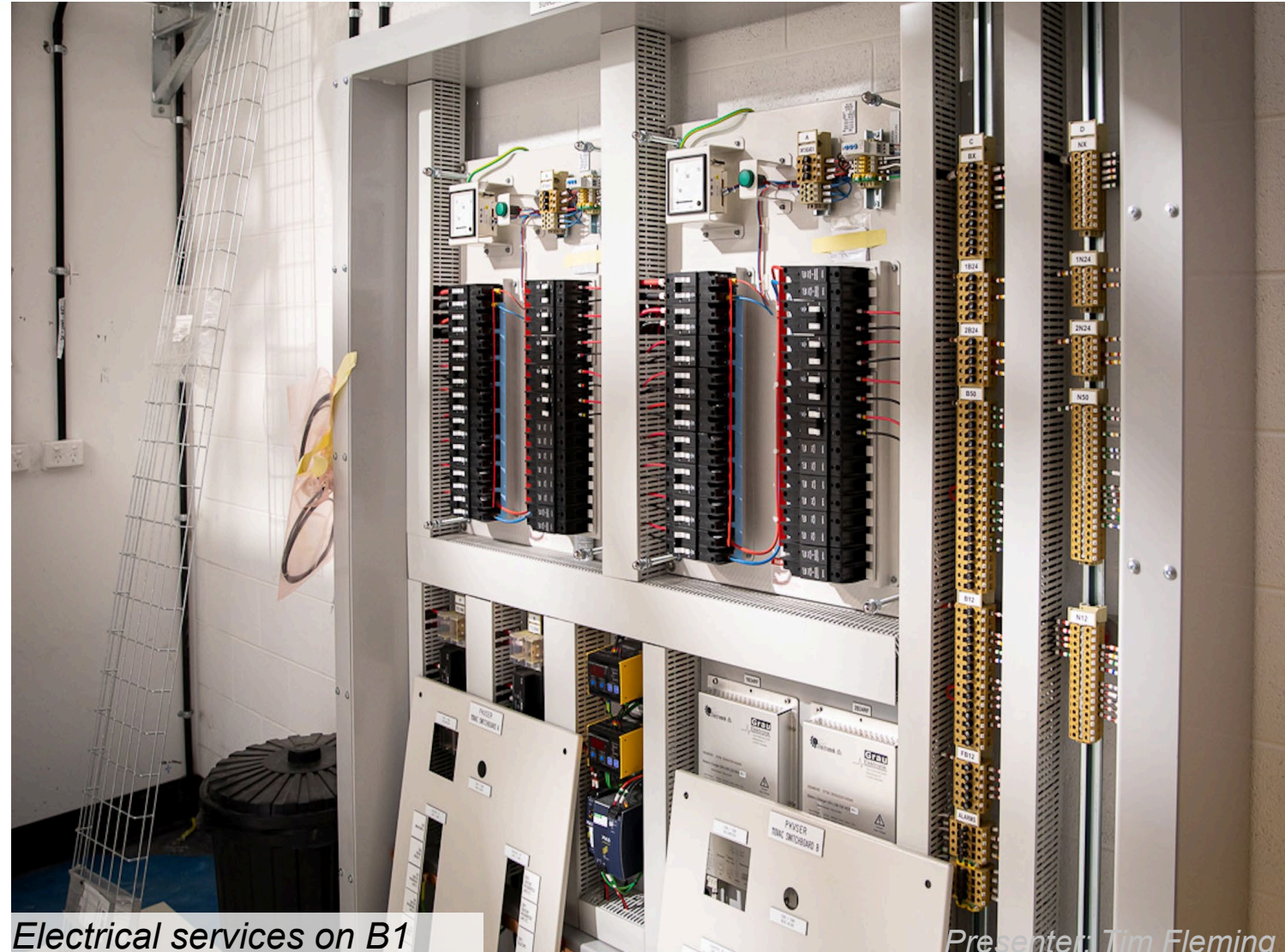
Presenter: Tim Fleming

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)
- Preparation for HV commissioning is underway
- B3 level: architectural fit out is underway for back of house facilities
- B4 level: architectural fit out (e.g. cladding, feature ceilings, flooring) is underway
 - Platform screen doors (PSD) are also being installed



Electrical services on B1

Presenter: Tim Fleming

Architectural rib installation – B4 (platform)

Station box



Presenter: Tim Fleming

Architectural rib installation – B4 (platform)

Station box



Presenter: Tim Fleming

Secondary Boxes

Retail area, Royal Parade entrance, and northeast emergency area



Royal Parade entrance

- Station entrance canopy installation from December
- Fit out works underway

Northeast emergency exit area

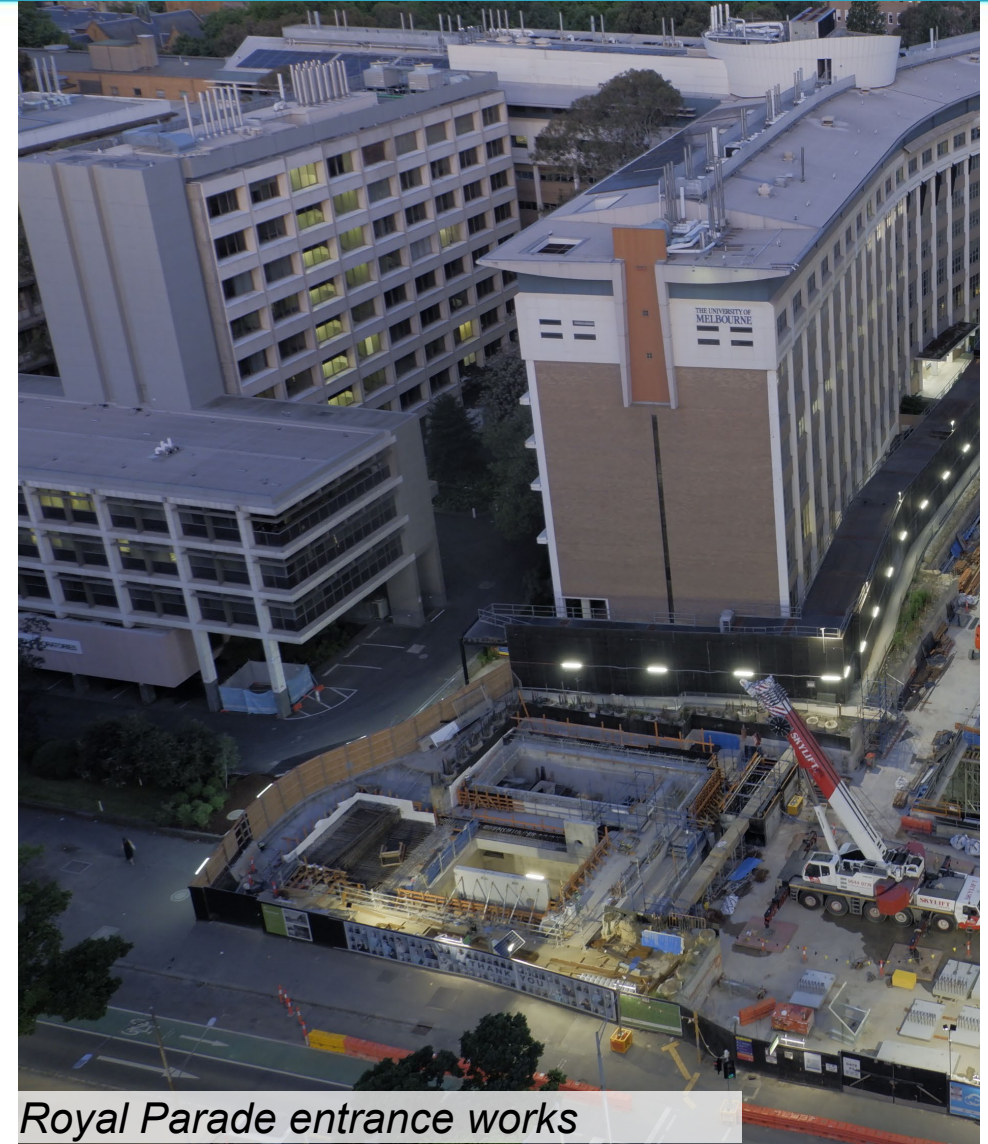
- Primary structure works for the upstand walls are ongoing
- Fit out works are ongoing belowground

Retail area

- Structure works are ongoing. Following the completion, fit out works (including blockwork wall construction) will commence.

Goods lift

- Excavation and associated works are ongoing until late January 2023. Following this, structure works will commence
- Excavation and associated works may occur out of hours.



Royal Parade entrance works

Chiller Plant and Tunnel Ventilation Shafts



Chiller plant

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

Western TVS

- Structure works will re-commence from the week commencing 14 November

Eastern TVS

- Aboveground upstand walls have been installed. Scaffolding is being stripped next week
- Façade installation will commence in early 2023
- All hoarding has been removed from the University Square Car Park



Six Month Program

Grattan Street East



Activity	Nov 22	Dec 22	Jan 23	Feb 23	Mar 23	Apr 23
Station box permanent structure works						
Station box fit out (including Royal Parade underpass)						
Royal Parade entrance						
Retail area						
Northeast emergency exit						
Staged pile removal (intermittent)						
East TVS						
West TVS						
Chiller plant						
Goods lift						
Staged capping beam removal						

Indicative only and subject to change

Grattan Street West

Station Entrance Construction

Belowground



- Structure works will be completed in late November
- All of the temporary king posts have been removed
- Architectural and services fit out works are underway



Blockwork wall install in the Grattan Street West station entrances

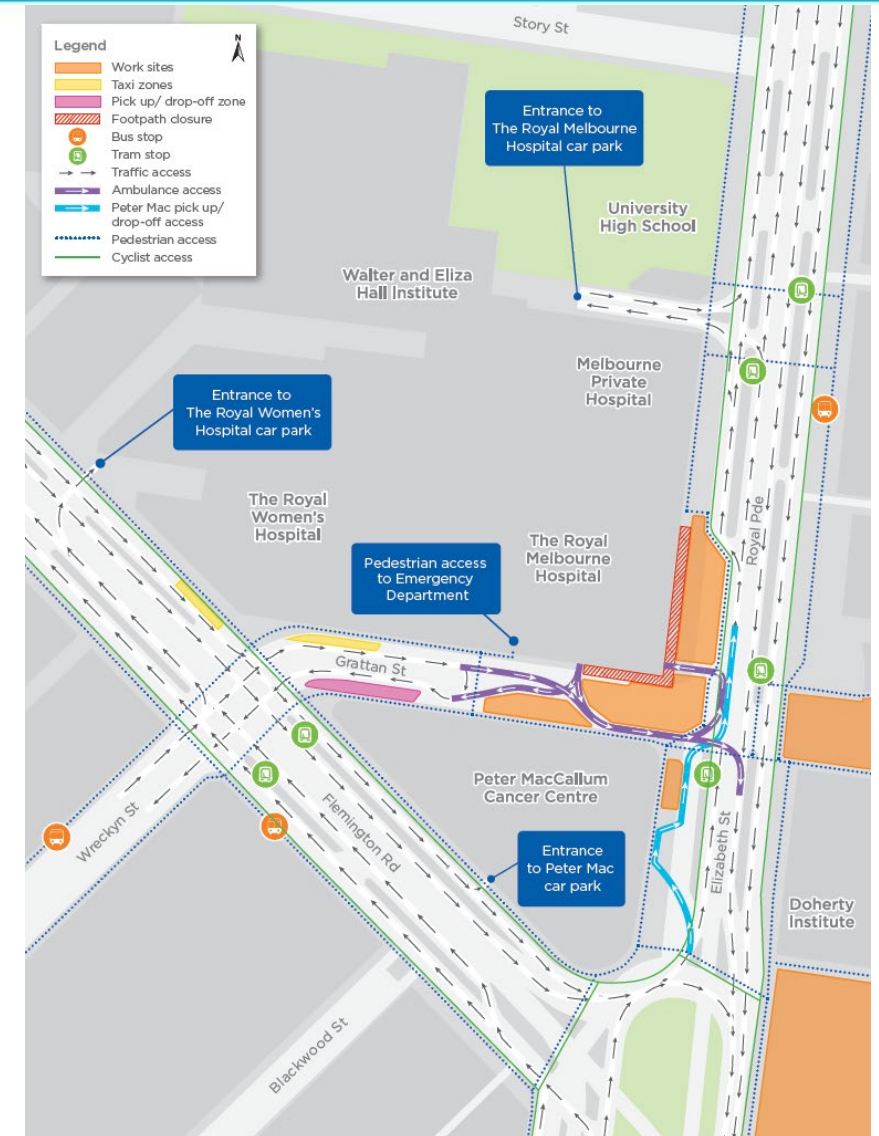
Presenter: Tim Fleming

Northern footpath closure

Aboveground



- Until early December, the northern footpath will remain closed to facilitate:
 - Pile deheading
 - Backfilling
 - Removal of the ambulance bridge
 - Escalator entrance construction next to the Royal Melbourne Hospital



Escalator and lift entrances

Aboveground



Escalator entrance (Peter MacCallum Cancer Centre)

- Structure works are ongoing
- Precast panel, escalator and steel canopy installation will commence from 21 November for up to three weeks
- The Grattan Street ambulance lane width will be reduced

Lift entrance (Peter MacCallum Cancer Centre)

- The lift contractor is currently installing the lift

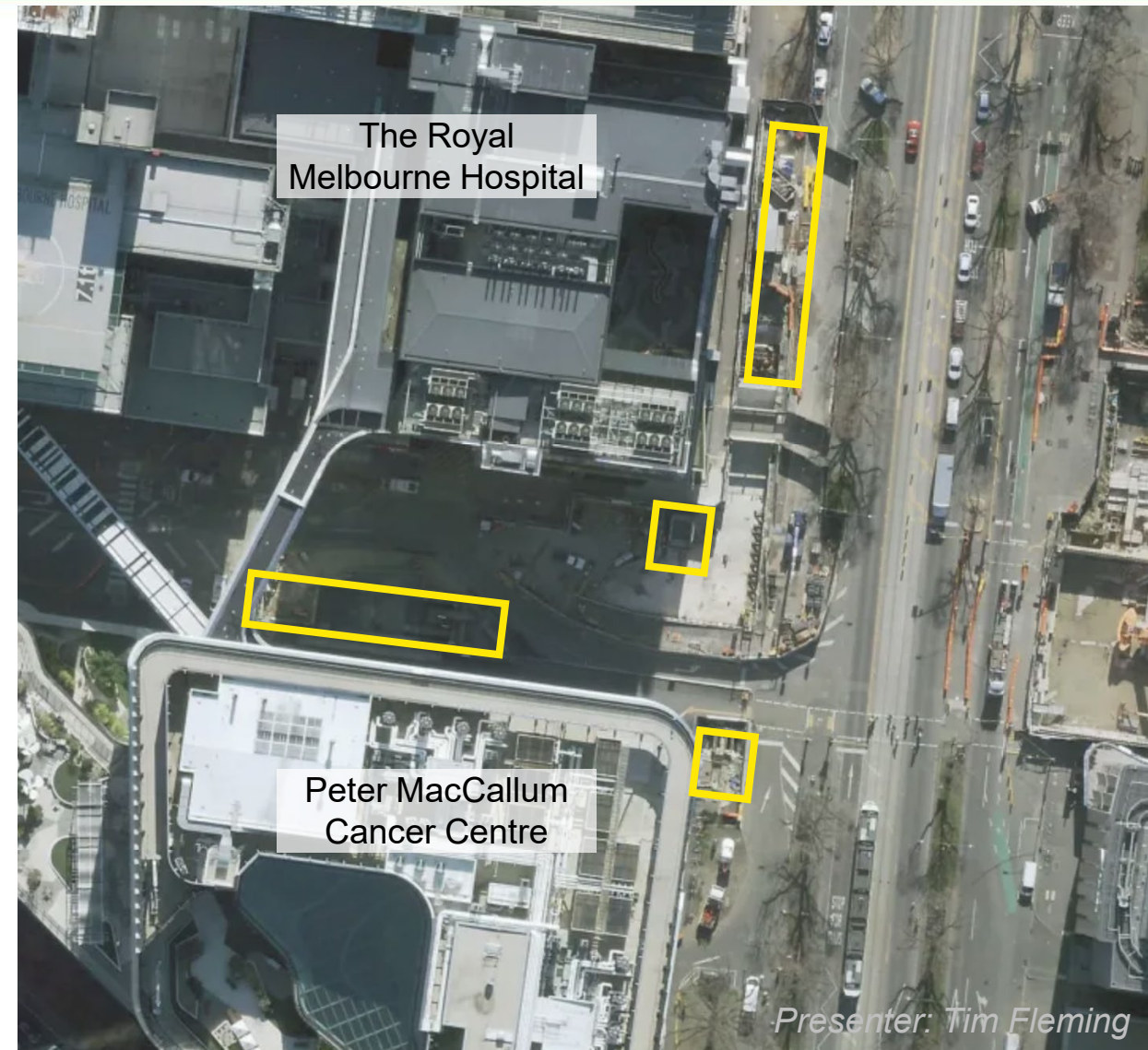
Escalator entrance (Royal Melbourne Hospital)

- Precast panel, escalator and steel canopy installation is underway and will be completed by early December

Lift entrance (Royal Melbourne Hospital)

- Precast panels are installed

Escalator entrance elements are oversized and will be delivered on nightshift



Presenter: Tim Fleming

Station entrance construction

Aboveground



Presenter: Tim Fleming

Station entrance construction

Aboveground



Presenter: Tim Fleming

Station entrance construction

Aboveground



Presenter: Tim Fleming

Six month program

Grattan Street West



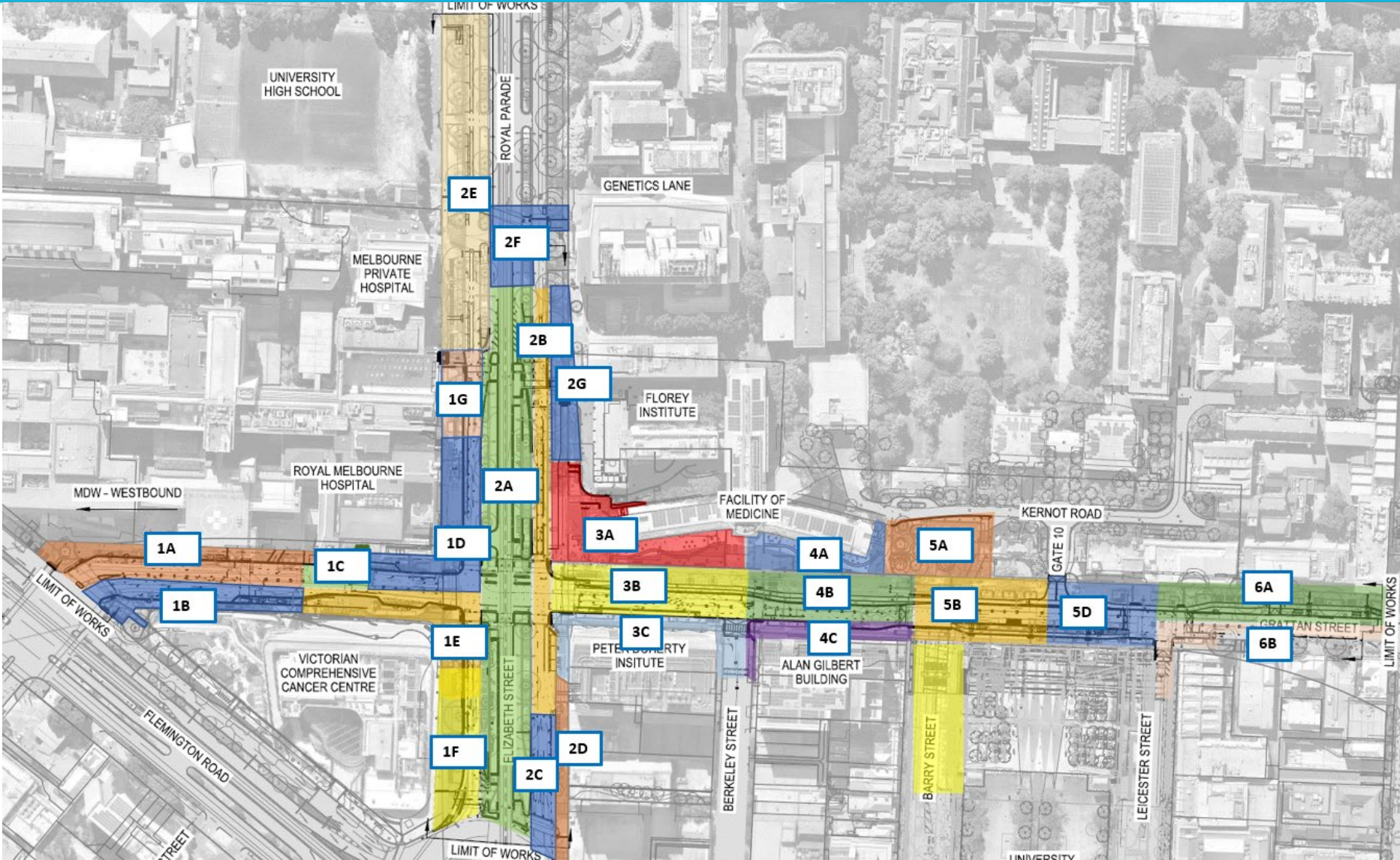
Activity	Nov 22	Dec 22	Jan 23	Feb 23	Mar 23	April 23
Permanent structure works						
Entrances (escalator, lifts)						
Service installation and fit out works						
Pile top removal						
Backfill						

Indicative only and subject to change

Reinstatement and Public Realm Works

Reinstatement and Public Realm Works

Staging



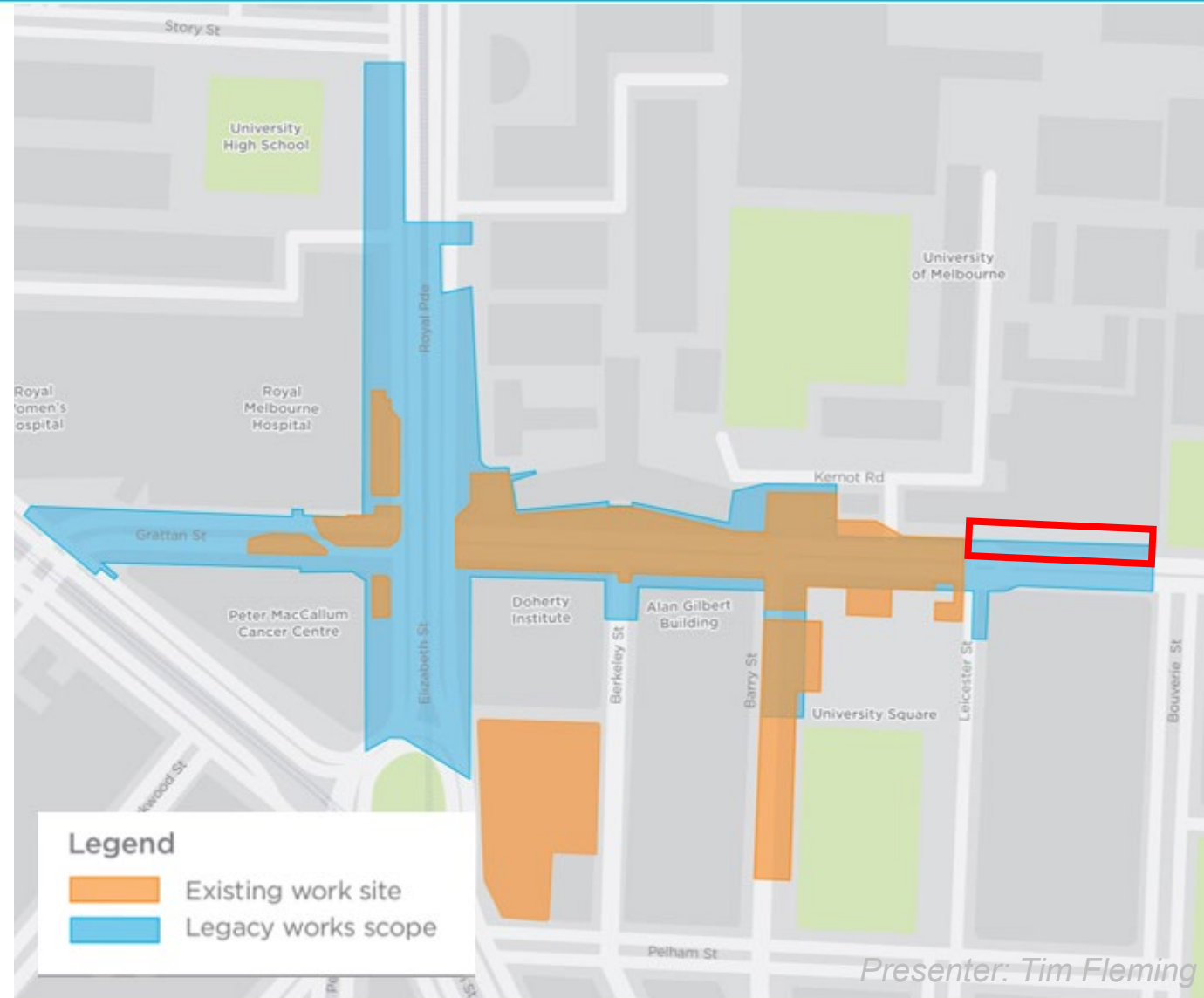
Presenter: Tim Fleming

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

Reinstatement and public realm works



- Timing: October 2022 – February 2023
- The work area includes:
 - Grattan Street northern footpath
 - Grattan Street eastbound lane
- Traffic and pedestrian changes:
 - Localised pedestrian diversions e.g.
 - North-south crossing will remain open (location may change)
 - Northern footpath will be closed
 - Eastbound traffic on Grattan Street will remain
- Following completion of these works, Stage 6B legacy works will commence (Grattan Street southern footpath)



Stage 6A works

Reinstatement and public realm works



Stage 6A reinstatement and public realm works

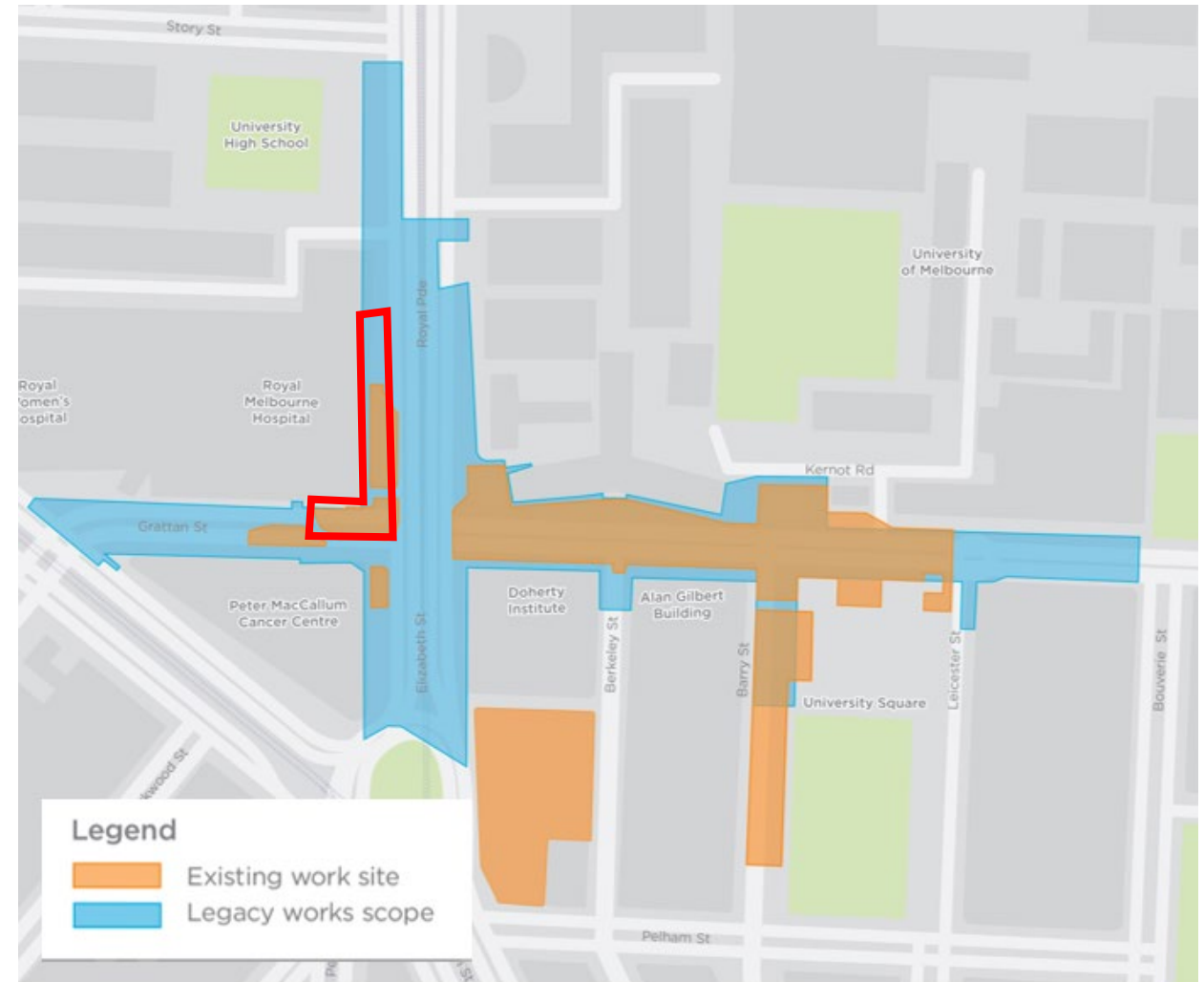


Stage 1D/1G – Grattan Street West and Royal Parade northbound lane

Reinstatement and public realm works



- Timing:
 - 1D: late November– January 2023
 - 1G: early December – February 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: Tim Fleming

Stage 2E – Royal Parade northbound service lane

Reinstatement and public realm works



- Timing: January 2022 – February 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



Presenter: Tim Fleming

Six Month Program

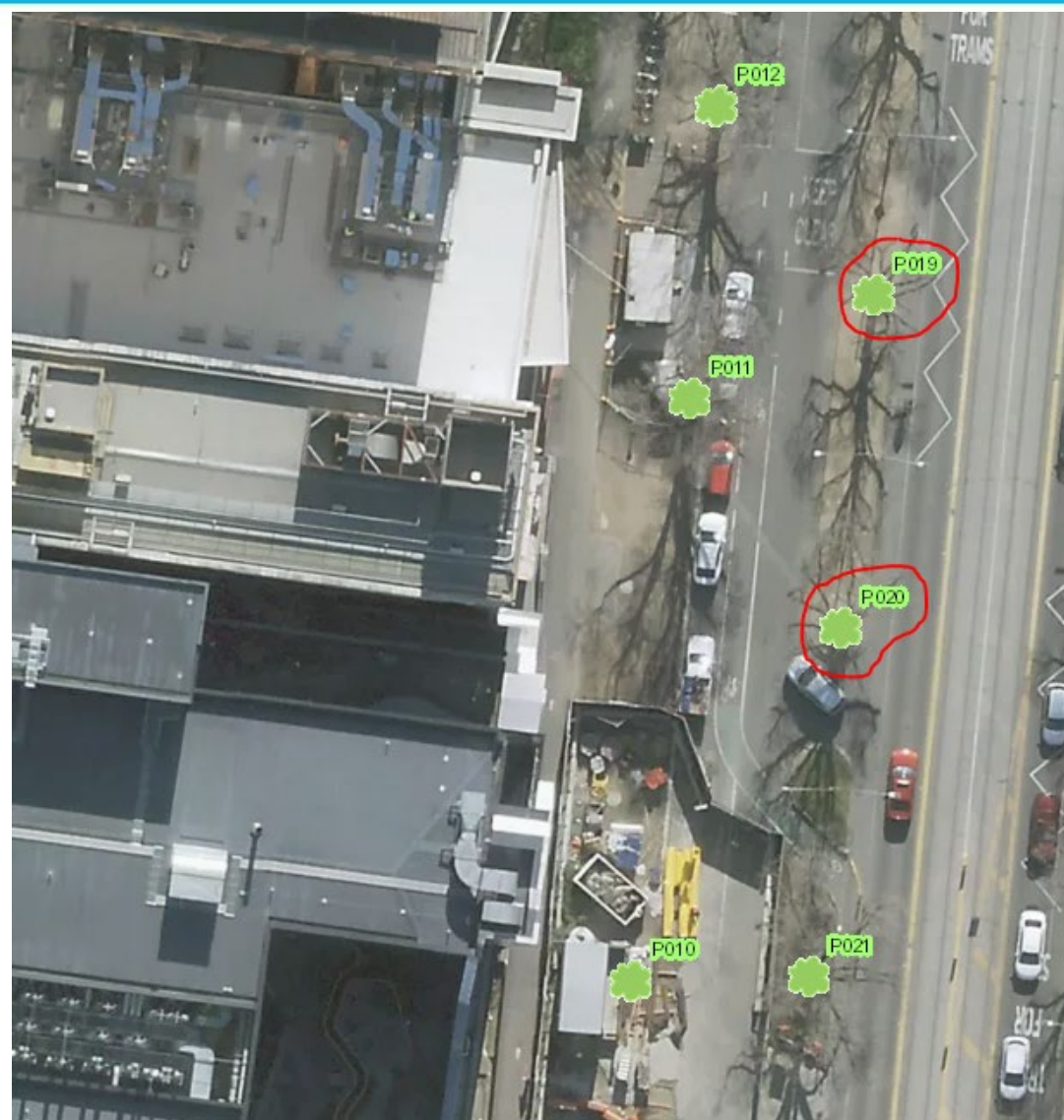


Activity	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	April 2023
1D – current Grattan Street West site						
1G – Royal Parade (The Royal Melbourne Hospital)						
6A – Grattan Street (between Leicester and Bouverie streets)						
1E – corner of Elizabeth & Grattan streets (Peter MacCallum Cancer Centre)						
1F – Elizabeth Street (Peter MacCallum Cancer Centre)						
2E – Royal Parade to Story Street (Melbourne Private Hospital)						
3C – Grattan Street south (Elizabeth to Berkeley streets)						
4C - Grattan Street south (Berkeley to Barry streets)						
6B – Grattan Street (between Leicester and Bouverie streets)						

Program shows reinstatement and public realm works outside the boundaries of the Grattan Street East and Grattan Street West sites (with the exception of stage 1D)

Timing is indicative and subject to change.

Environment Update



2022:

- Trees P019 and P020 are scheduled for removal by the end of November to enable reinstatement and public realm works
- This is part of the approved Tree Removal and Retention Plan

2023:

- Additional tree removal will be undertaken in early 2023 for reinstatement and public realm works
- This is part of the approved Tree Removal and Retention Plan.

Communications and Stakeholder Engagement Update

Notifications and Communications

- Parkville: October/November construction update (7 October)
- Parkville: Stage 6A legacy works (27 September)
- Parkville: capping beam removal works between Elizabeth and Berkeley streets (10 November)
- 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, City of Melbourne. Weekly meetings with the University 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

- **Next meeting:** Friday 10 February 2023
 - The 2023 CRG calendar will be sent out in the coming weeks
- **Shutdown period:** Friday 23 December 2022 to Wednesday 11 January 2023
- **Arden & Parkville CRG end of year event:** Tuesday 6 December, 5pm