



Arden and Parkville Community Reference Group

Meeting 19

Friday 10 September 2021



Agenda

Friday 10 September 2021



Item	Topic	Presenter
1	Welcome and introductions	Chris Lovell
2	Minutes and actions	Chris Lovell
3	Creative program update	CYP
4	Projectwide construction update	CYP
5	North Melbourne construction update	CYP
6	Parkville construction update	CYP
7	Parkville Station Precinct Development Plan amendment	CYP
8	Other business	All



Creative Program update

Creative Program update

Arden and Parkville



Arden

- Collaboration with North West Melbourne Association and Hotham History Project continues.

Parkville

- Project boundary and hoarding changes now mostly complete
- New project branding and creative under development with interim creative installations expected by October
- New creative expected to be installed by late 2021/early 2022.





Creative Program Artist Pool

- COVID-19 response by Creative Program
- Database of 1000 registered creatives
- Opportunities offered every month
- Over 60 artists have been commissioned
- Share other opportunities
- Around \$150,000 in fees
- All creatives welcome
- Opens once a year for new registrations.

The Art of Metro Tunnel

May 2021

Hello and welcome to the May 2021 issue of The Art of Metro Tunnel – a newsletter just for artists and creatives registered with the Metro Tunnel Creative Program.

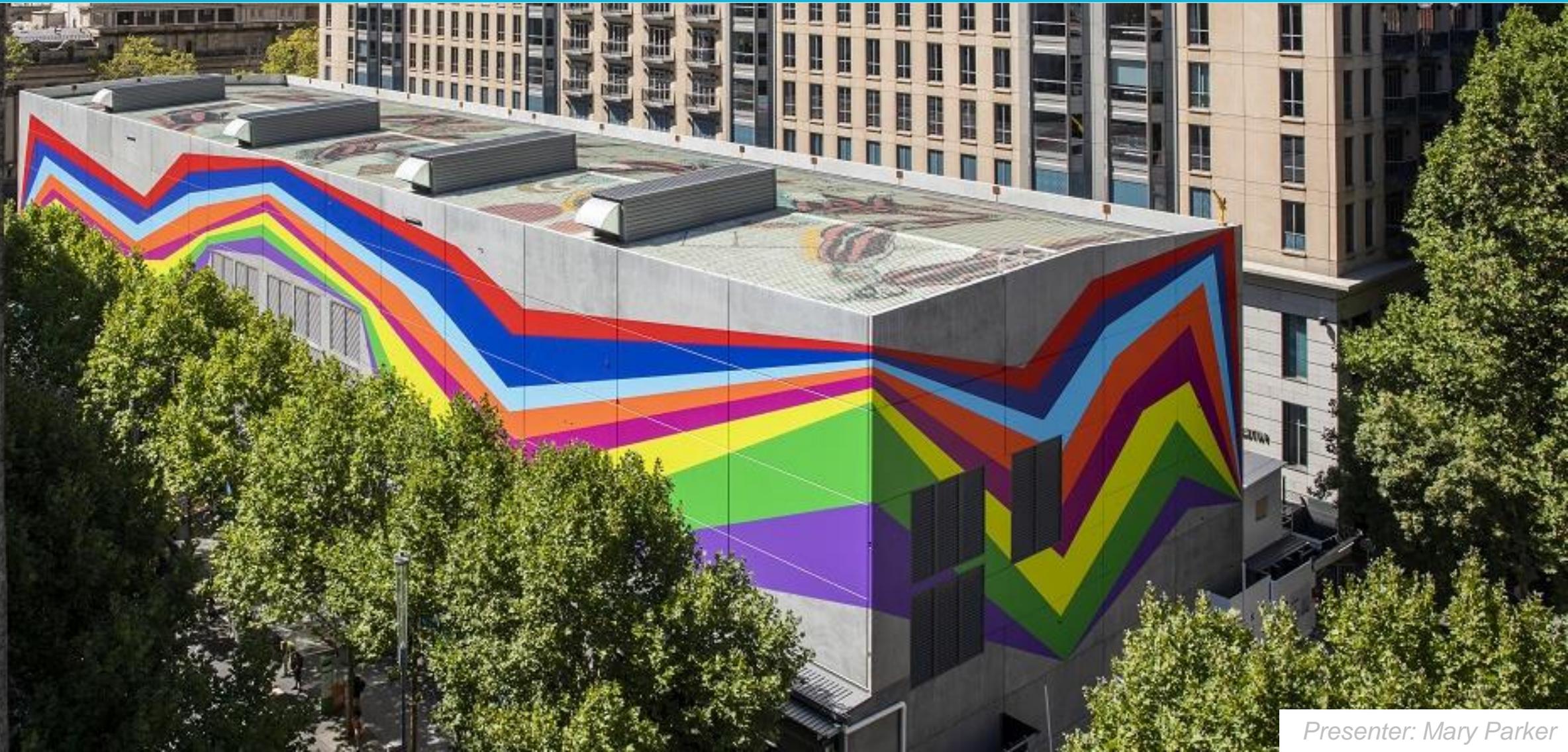
This bi-monthly newsletter contains updates on the latest projects and opportunities at the Metro Tunnel Creative Program. You can opt out any time by clicking the 'unsubscribe' link at the bottom of the newsletter.

Latest News

Historic bluestone blocks available for art projects

In 2018, the Metro Tunnel Project undertook one of Victoria's largest archaeology digs,

spatial deconstruction #23 (resilience) by Emma Coulter



Presenter: Mary Parker



Presenter: Mary Parker

Home Made Sound for Melbourne Music Week



▶ Hannah McKittrick Time As Intimacy	▶ Mystery Guest A Joke	▶ Diimpa Moonee	▶ Israel Carter Disconnected	▶ Përolas Time Traveller	▶ Bonnie Mercer Car Interior : Passenger Seat	▶ Tanya George Welcome
▶ Përolas	▶ Bonnie Mercer	▶ Tanya George	SOUND			

Melbourne Writer's Festival - 'Writing Melbourne'

Install in September



Presenter: Mary Parker



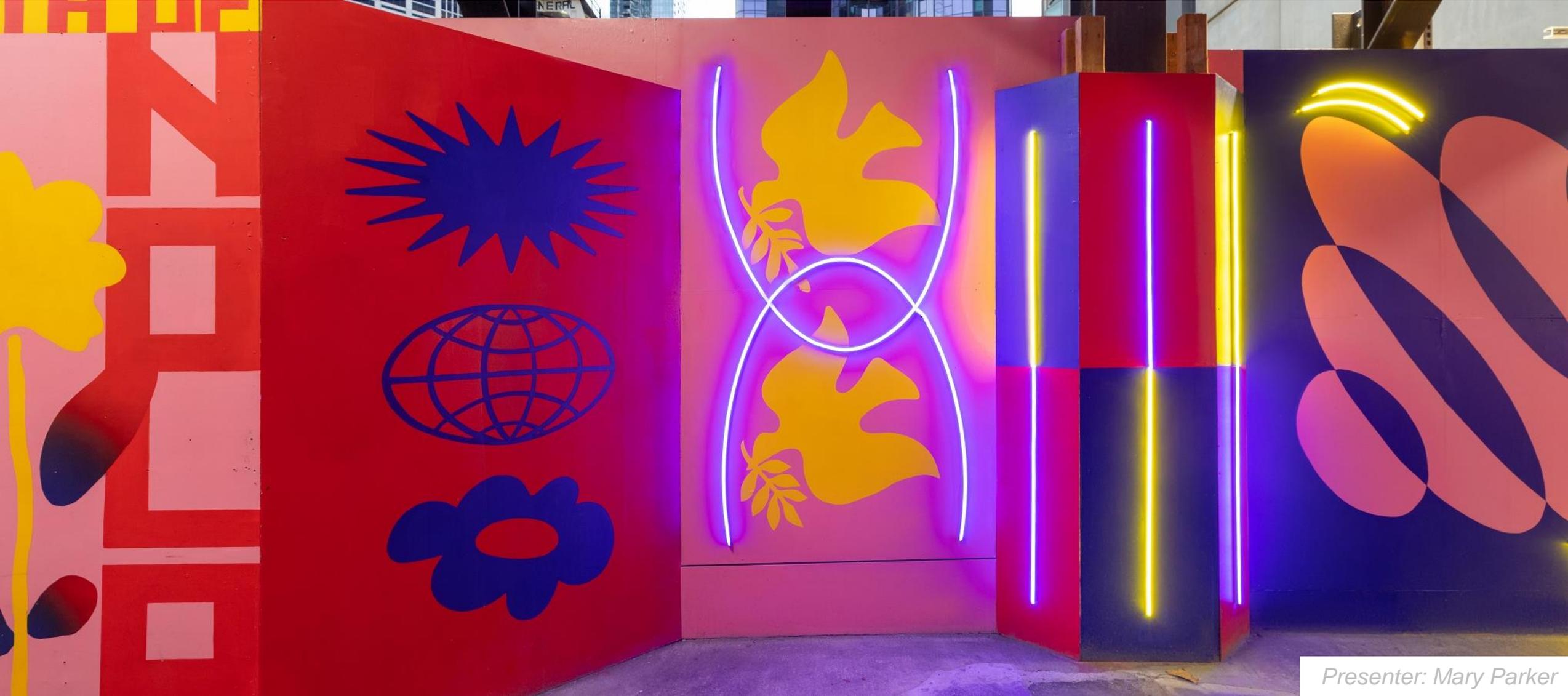
Creative business support

Greenery in Degraeves Street



Presenter: Mary Parker

Neon additions to NOLA artworks



Presenter: Mary Parker

Flinders Quarter Augmented Art Walk

From the Creative Program Artist Pool



Presenter: Mary Parker



Urban amenity uplift

Albert Road Reserve Pop-up Park



Presenter: Mary Parker

Domain Road Pop-up Park



Presenter: Mary Parker

Activating spaces

Silent Disco

UpShop Industries



Albert Road Reserve Pop-Up park

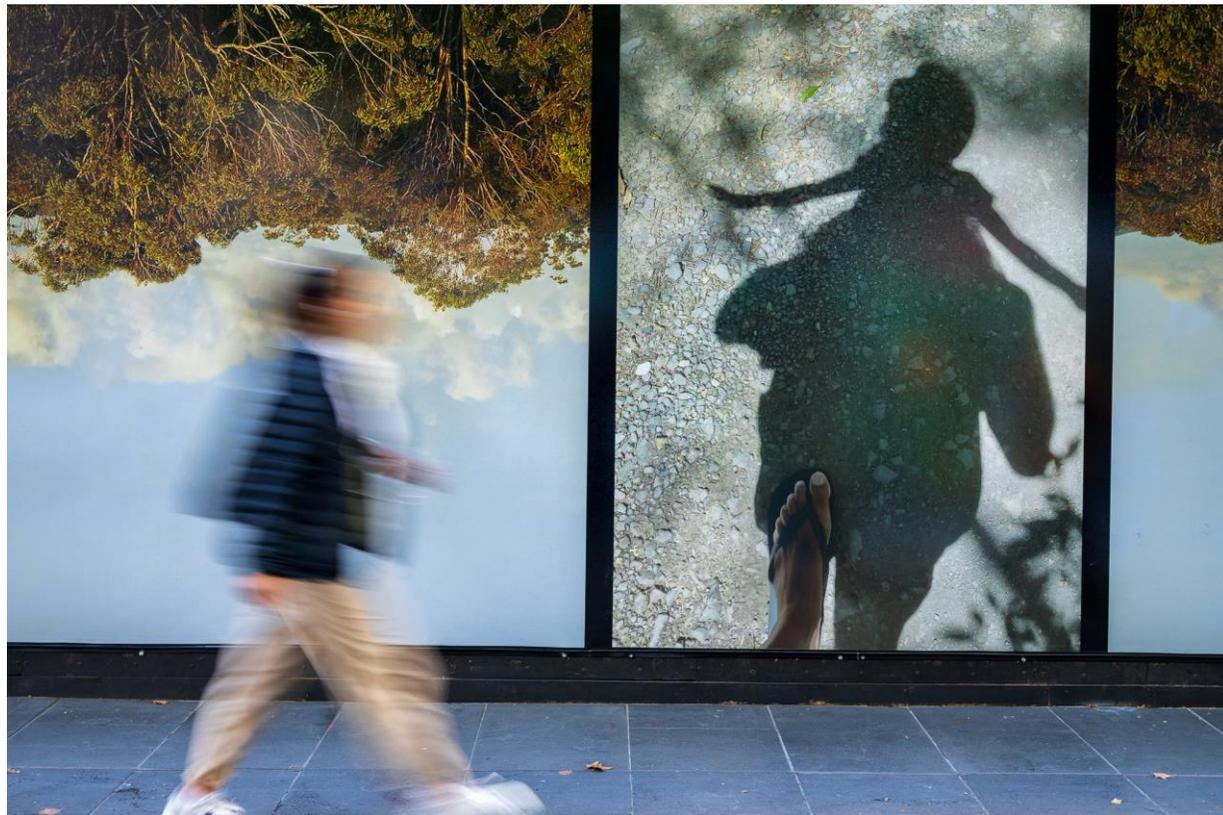




First Nations commissions

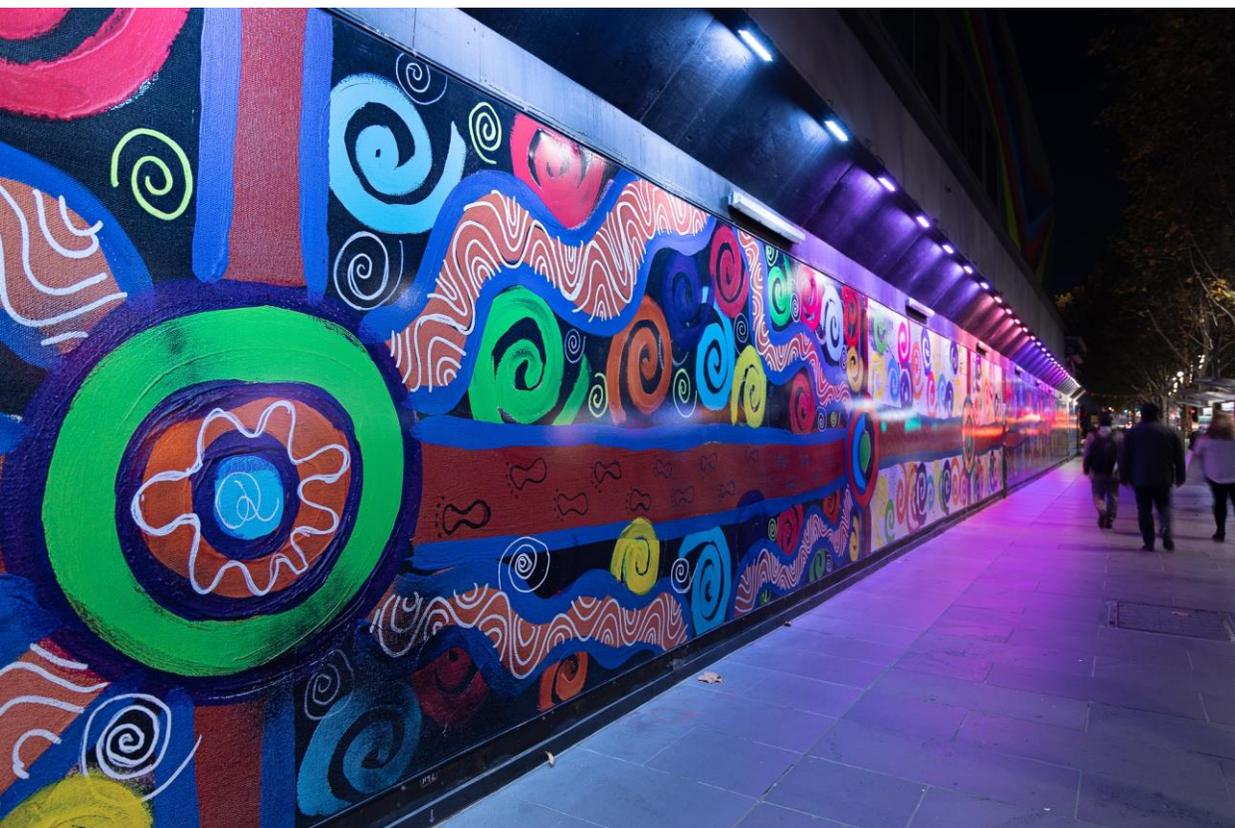
Still from 'Canopy' by John Harvey

To celebrate ACMI's reopening



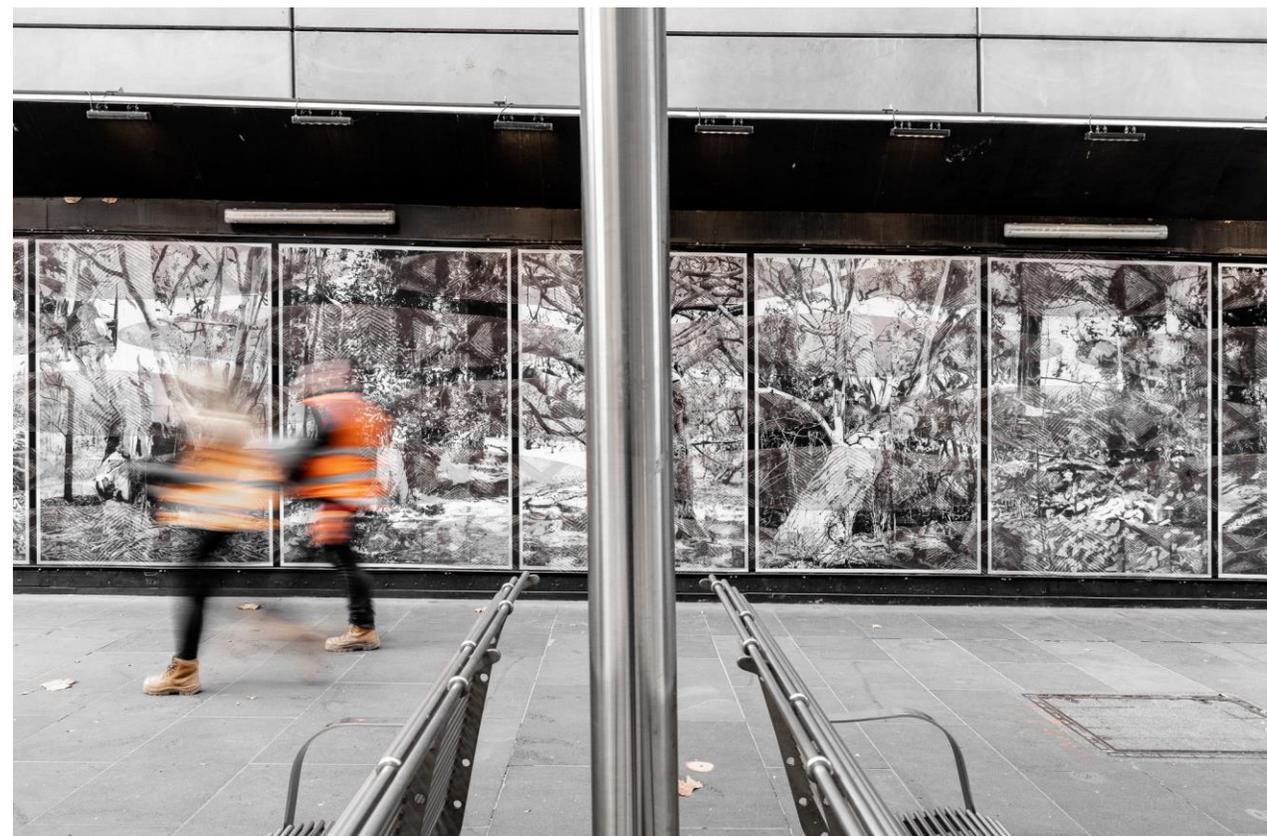
'Emerging from Darkness' by Ronald Edwards Pepper

For YIRRAMBOI Festival



'Invasive native' by Jenna Lee and 'The Agency of Bunggabi (trees)' by Brian Martin

For RISING Festival as part of the 'Moving Objects' program



'Remembrance' by Alan Stewart

For NAIDOC week





Major Festival support







Heritage and sustainability

Upcycled bags



Presenter: Mary Parker

Recycled frames by Vision Australia



Discards from the archaeological dig



Presenter: Mary Parker

Evaluation framework

Research Questions

1

Will the Creative Program **mitigate negative impact of construction** for stakeholders? Will construction at stations with Creative Program interventions be received more favorably than those without it?

Which has a bigger impact on favourable attitudes towards the project, graphic art, placemaking and pop-up amenities, or revealing the construction process?

2

Can disruption be used in a proactive way to test ideas and expand what is possible for the city and stations?

3

Does the Creative Program have a positive impact on **economic return for artists and local businesses**?

4

Does understanding the process of construction make people more tolerant towards disruption?

5

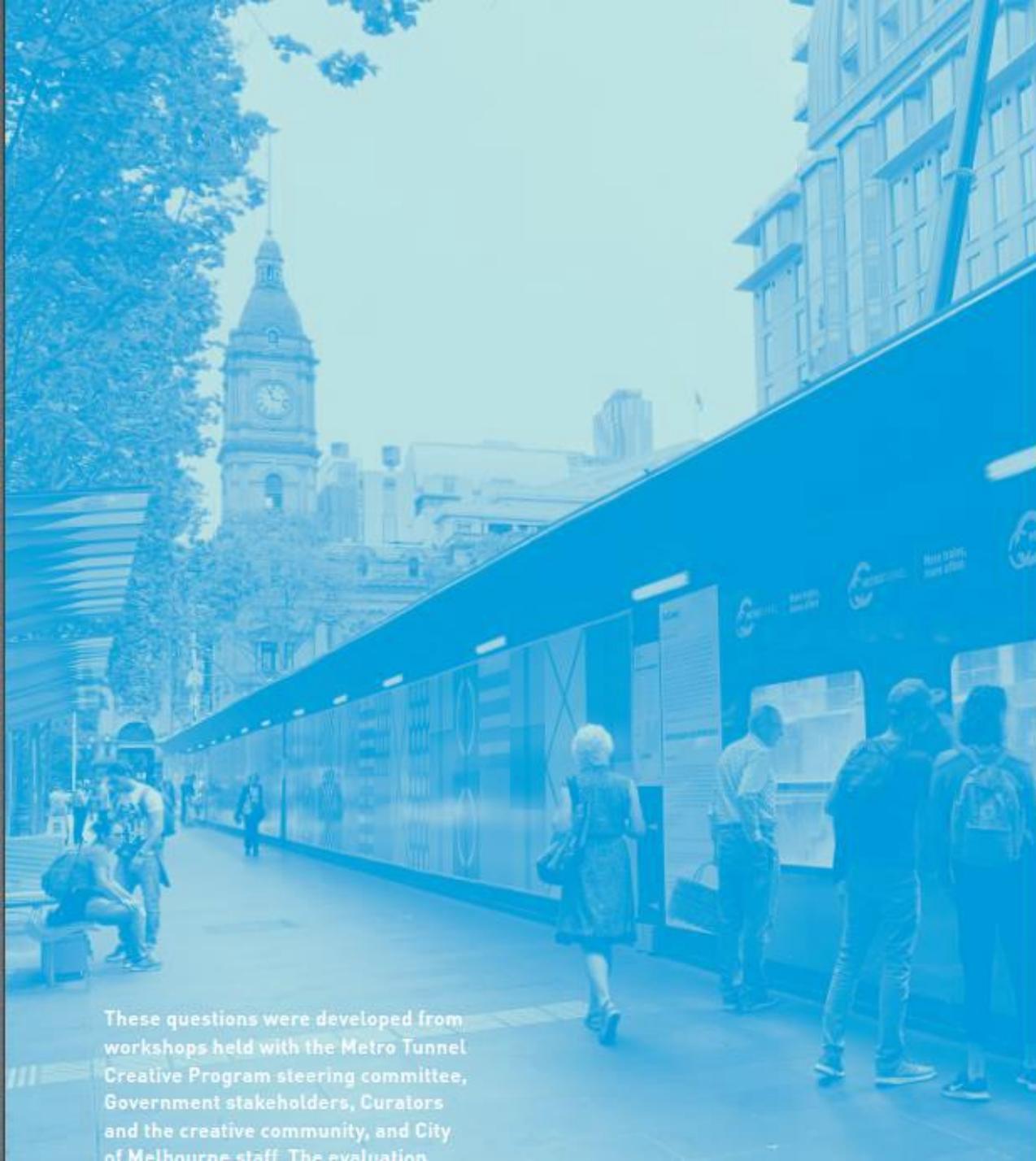
How many people will the Metro Creative Tunnel Program reach as part of their daily lives? Will it be more than traditional exhibition spaces in Melbourne?

6

Will the creative community involved in the Metro Tunnel Creative Program grow their businesses and reputation?

7

Will interpreting the process of construction through the lens of creative practitioners provide a **richer documentation** that reaches diverse audiences?



These questions were developed from workshops held with the Metro Tunnel Creative Program steering committee, Government stakeholders, Curators and the creative community, and City of Melbourne staff. The evaluation

PSPL Survey and Engagement overview

The evaluation was kicked off with a series of stakeholder workshops a Public Space - Public Life Survey

50+

stakeholders engaged



3 workshops and presentations during the week of March 10, 2019

40+

volunteers surveying in the field



2 Survey Days

Thursday, 14 March 2019, 8AM-8PM

Saturday, 16 March 2019, 8AM-8PM

6

survey sites with sub-locations





SA

6. A
Intersection between A

METROTUNNEL
Creative Program

3. PARKVILLE STATION PRE
SURVEYOR #2
SURVEYOR #3
SURVEYOR #12

TUNNEL ENTRANCE (KENSIN

6. ANI
SURVEYOR #
SURVEYOR #

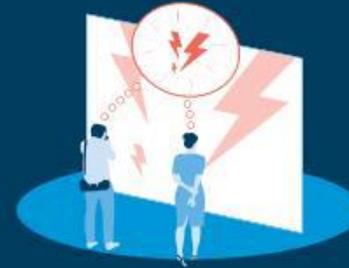
**METRO TUNNEL
CREATIVE PROG**
Stationary Act
Mapping Area
Modes of
People Moving
Age + Gender of
People Moving
Intercept surveys

The Creative Program can be...

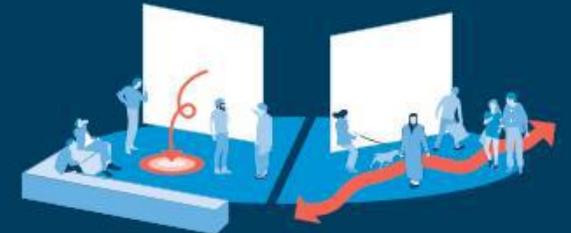
We identified these opportunities by analyzing and synthesizing our findings from the evaluation process.

We drew inspiration for each opportunity area by looking to example projects from around the world.

bold



tailored



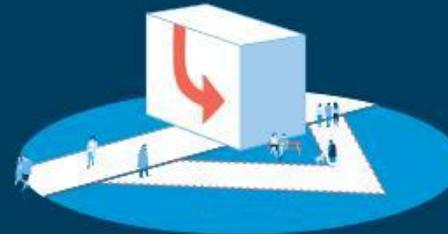
revealing



cosy



responsive



helpful



Metro Tunnel Creative Program

Artist survey responses



- It gives artists a chance to engage in projects usually not picked up by our regular radar. The Creative Program identifies issues within the city network that artists can solve by creating engaging artwork.*
- Creative approaches to space and place are such a powerful way of connecting people with their environment and building community engagement.*
- This is a vital way to bring art to people who may not experience it otherwise. It's also a fantastic way to brighten up the city and create diversions from construction sites.*
- It was absolutely fantastic to be given the opportunity to have a creative input in to what is such a massive infrastructure project across Melbourne.*
- It is such a big historical change that the project is creating across Melbourne, it was an honour to be able to contribute to the cultural story of that change.*
- I am proud to be part of a show that brightens up the areas around the construction sites. Improvement projects often feel like disruptions, but having arts linked to the projects gives ownership to the viewers and participants. Art turns construction sites into something exciting to see rather than something to avoid.*

Questions?



Construction update – Projectwide

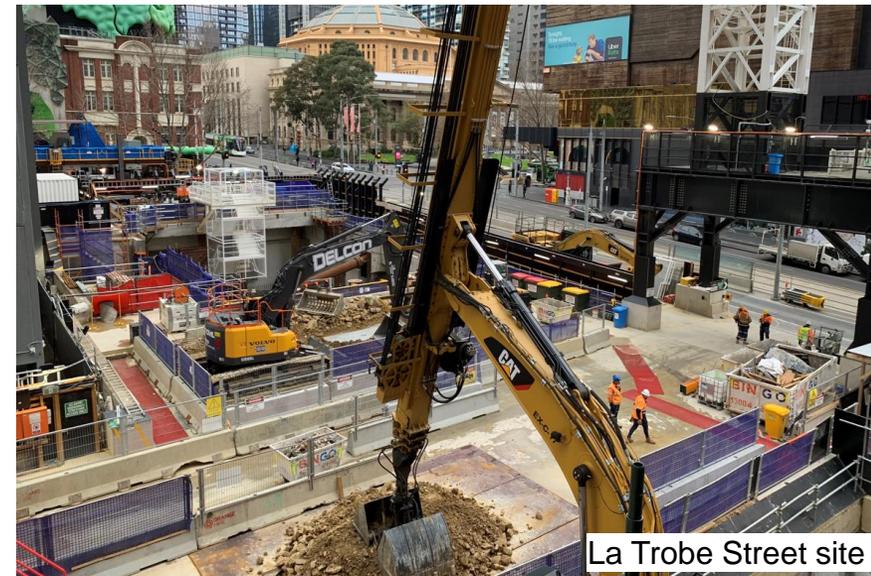
State Library Station



- Shaft construction at the La Trobe Street site is continuing
- At Little La Trobe Street (bottom right), pile demolition on the western side of the site is nearing completion and excavation of the B3 level is ongoing
- Under Swanston Street in the central cavern, installation of waterproofing and reinforcement in the platform tunnels.



Trinocular design taking form at State Library Station



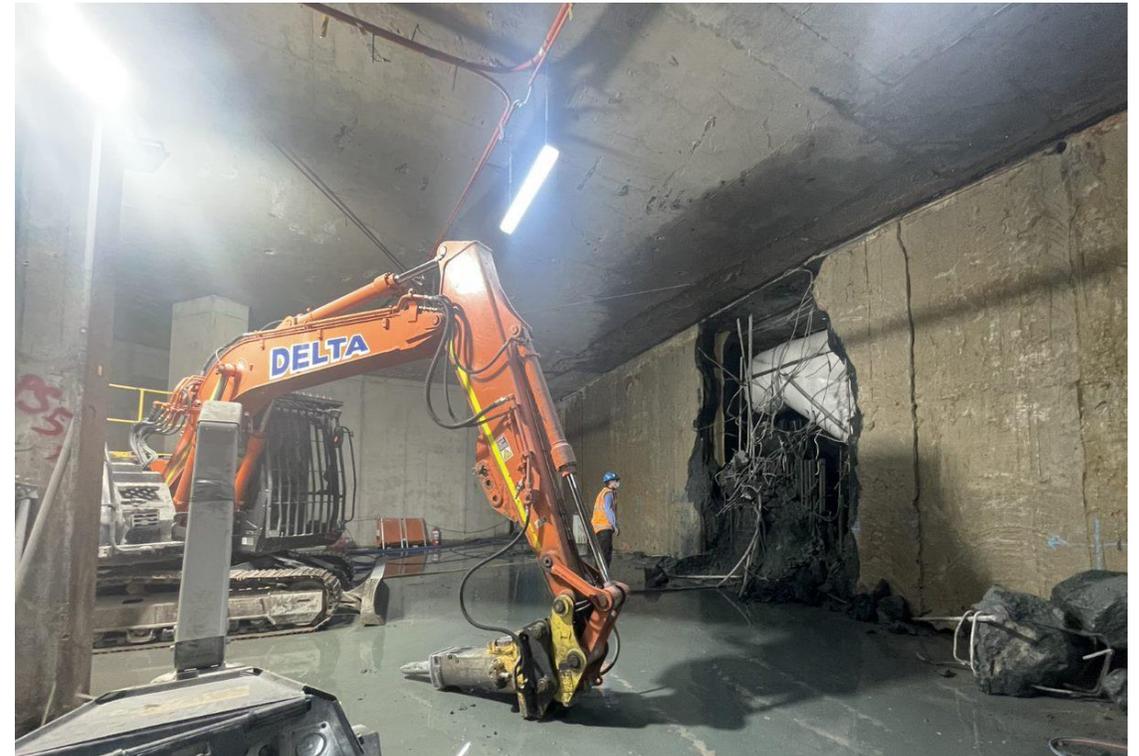
La Trobe Street site

- At the Flinders Link site, the breakthrough into the existing Campbell Arcade was completed
- At the Flinders Quarter site works are ongoing with concrete pours on B2 level. This. Excavation is ongoing at B3 level
- Below Swanston Street in the central cavern, the eastbound rail platform tunnel bench is nearly complete with works ongoing in the westbound rail platform tunnel bench.



Station tunnel lining form (STLF)

- Concourse slab now complete
- Work to construct base slab at platform level ongoing
- D-wall demolition ongoing on both sides of station box, connecting the tram interchange entrance and Shrine of Remembrance entrance to the station box concourse
- Blockwork, painting, and service rough in continues at concourse level in the south box.



D-wall demolition between station box and Shrine of Remembrance station entrance

Construction update – North Melbourne

Services building construction



- Roof installed on service building last week
- Blockwork and painting underway
- Mechanical, Electrical and Plumbing rough in and fit out underway
- Internal wall linings for critical comms room (CER) being installed.



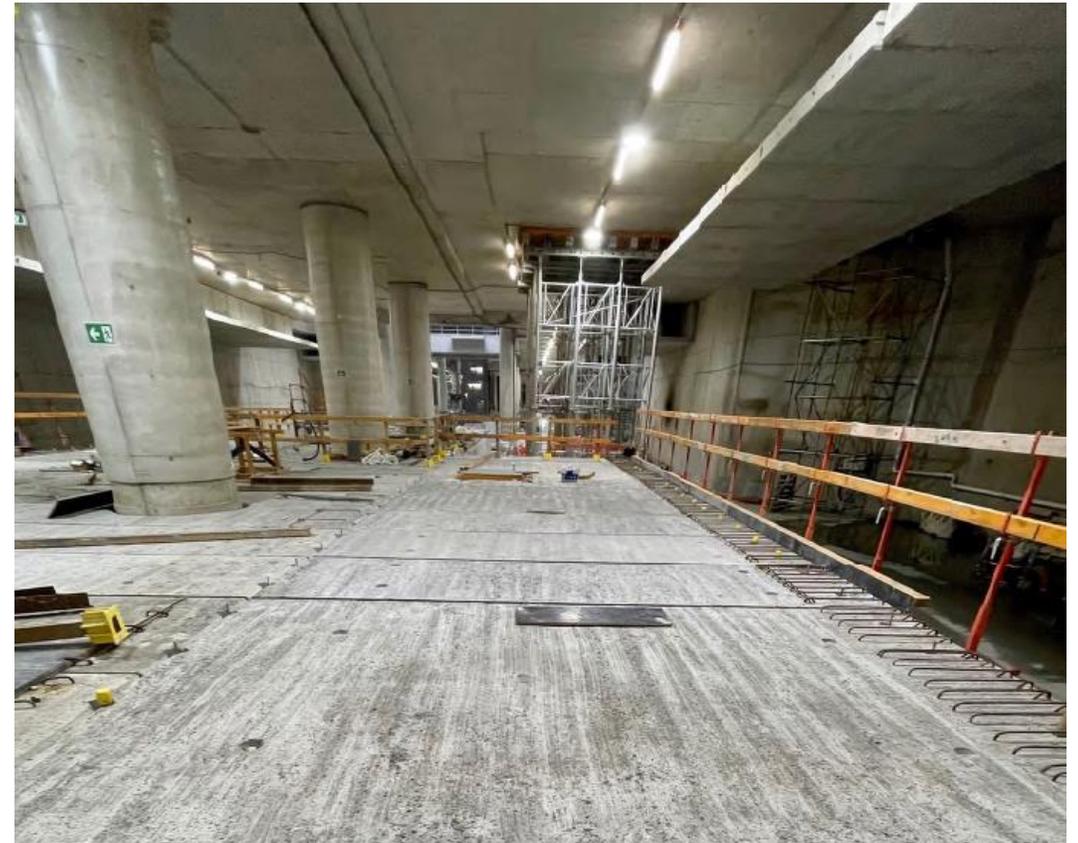
Blockwork installation ongoing

- Laurens Street realigned to allow access to remaining D-wall for trimming
- D-wall trimming underway
- Falsework to support the installation of station entry arches underway
- First station entry arch due for delivery in mid-late September. Deliveries and installation will continue into November.



Station entrance arch falsework preassembly

- Over track exhaust (OTE) precast nearly completely installed
- Platform wall construction continues, as well as topping slabs poured for platform
- Collar beam works continuing, finishing tunnel entrances where station box joins the tunnels
- Blockwork on the western end of the platform continues

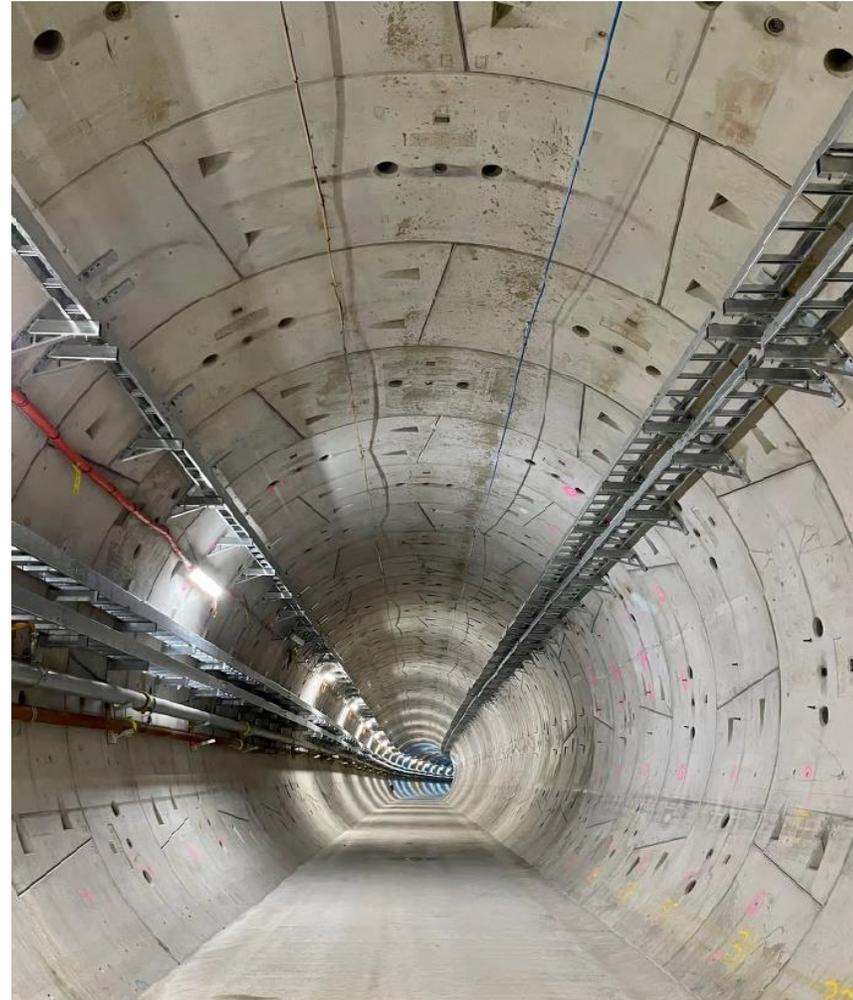


Platform installation ongoing

Rail tunnel fitout (RTF)



- Brackets are being bolted into the tunnel
- Team also preparing for the installation of steel walkways which will act as emergency egress and maintenance access in tunnels.



Bracket installed in westbound tunnel

Tunnel internal structure



- The eastbound tunnel invert between Arden and Parkville is now complete
- Works are continuing on the westbound tunnel invert.



Tunnel invert between Arden and Parkville

- Sprinkler and hydrant bracket and pipework installation
- Gaseous suppression system pipework installation
- Mechanical pipework and ductwork installation
- Electrical cable tray and cable installation
- Hydraulic pipework installation
- Fire detection systems installation commencement
- First lift currently being installed.



Mechanical, electrical and plumbing rough-in – service building

North Melbourne electrical substation



- Substation cladding and fit out ongoing
- Under-creek bores completed in July
- One of two cable route conduits on the west bank complete
- Preparatory works for under-track pipe jacking ongoing
- Preparatory works for fire water service connection ongoing
- An update on reinstatement will be provided at the next CRG meeting.



Six month program

North Melbourne



Activity	Sept	Oct	Nov	Dec	Jan	Feb
Utility investigation works						
Over track exhaust (OTE) and platform construction						
Cross passage construction						
Services building construction						
Station entrance construction						
Mechanical, electrical and plumbing installation						
North Melbourne electrical substation construction						

Construction update – Parkville

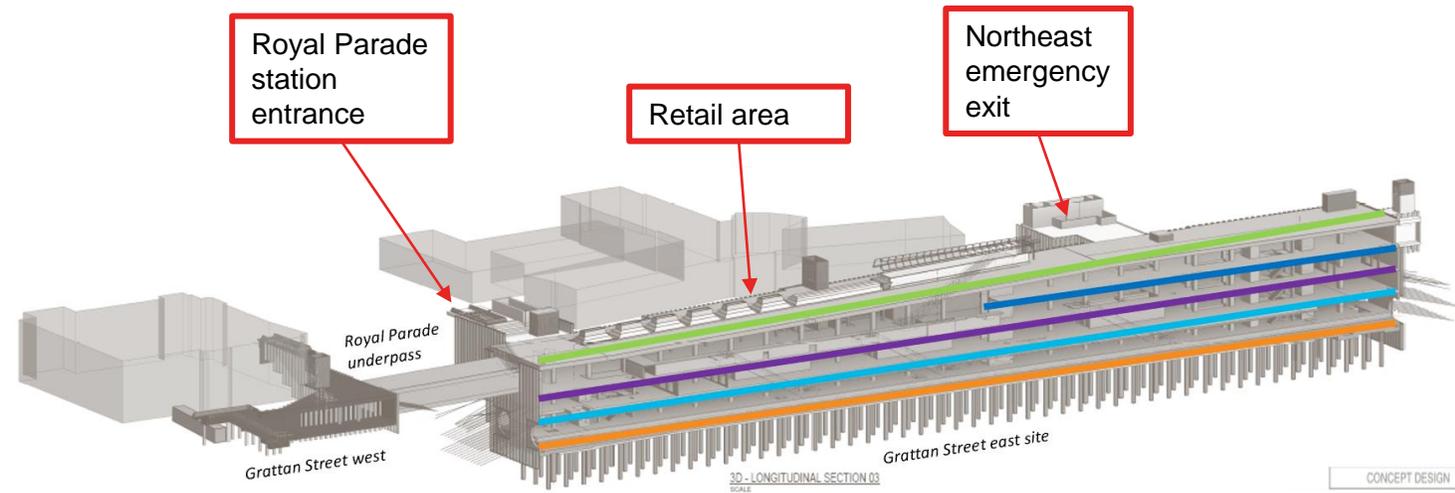


Grattan Street east

Station box permanent structure works

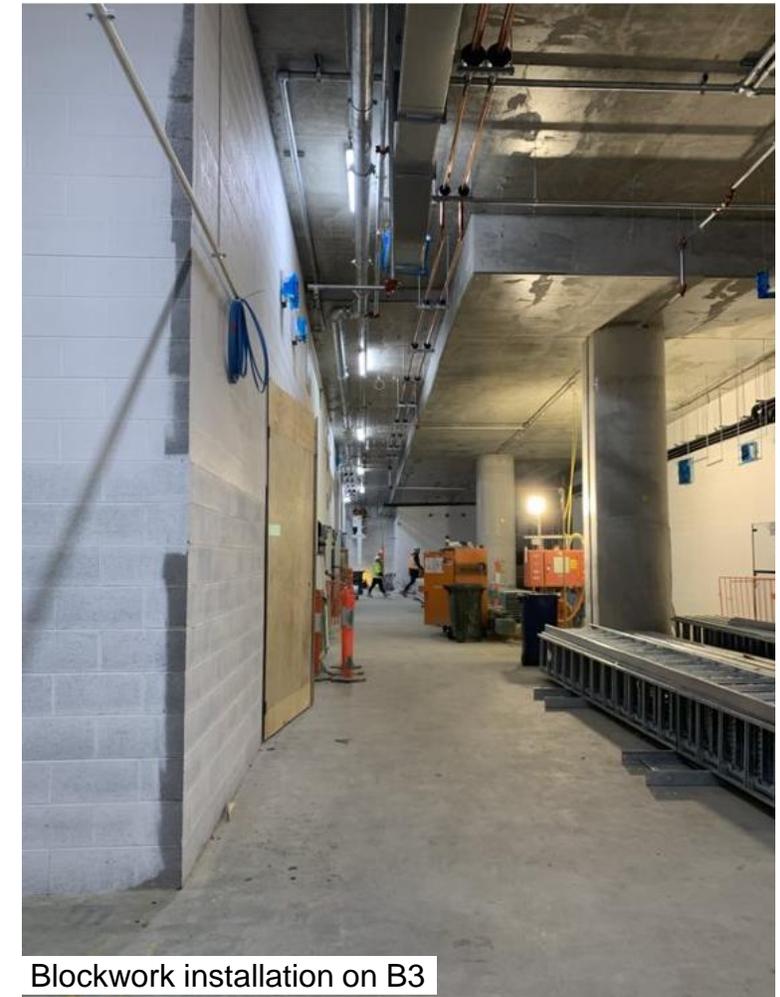


- 7 of 9 roof slab pours completed. Roof slab expected to be complete around mid-late October
- B1 slab completed in August
- B1 to roof lining walls have commenced at east end of station box
- Royal Parade entrance and retail area are now connected to the main box and are undergoing permanent structure works.



**Please note – wall linings and columns are completed in advance of suspended slab works across all levels*

- Installation of blockwork is ongoing on B3, B2 and B1
- Mechanical, electrical and plumbing (MEP) / service installation is ongoing on B3 and B2
- Over-track exhaust (OTE) is complete on the north side of B4. Installation on the south side of B4 is ongoing
- Platform construction is ongoing on B4.

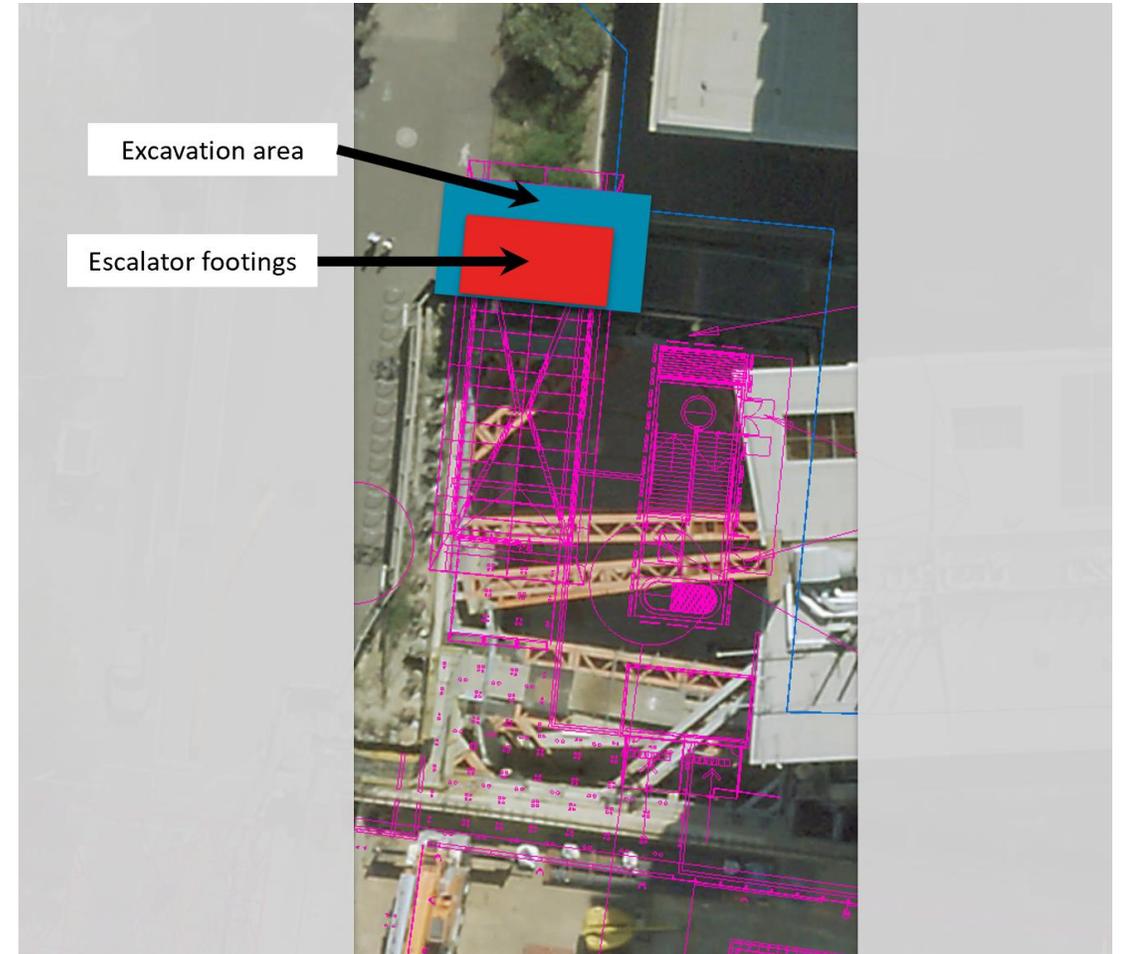


Royal Parade station entrance

Escalator footing construction



- Site boundary change required to facilitate construction of the escalator footing
- Pedestrian arrangements are subject to ongoing consultation with University of Melbourne
- Following escalator footing construction, works in this area include steel installation, escalator installation, legacy utilities and landscaping. Pedestrian arrangements to be determined following consultation
- Works are expected to commence from late September and take around two months to complete.



Northeast emergency exit



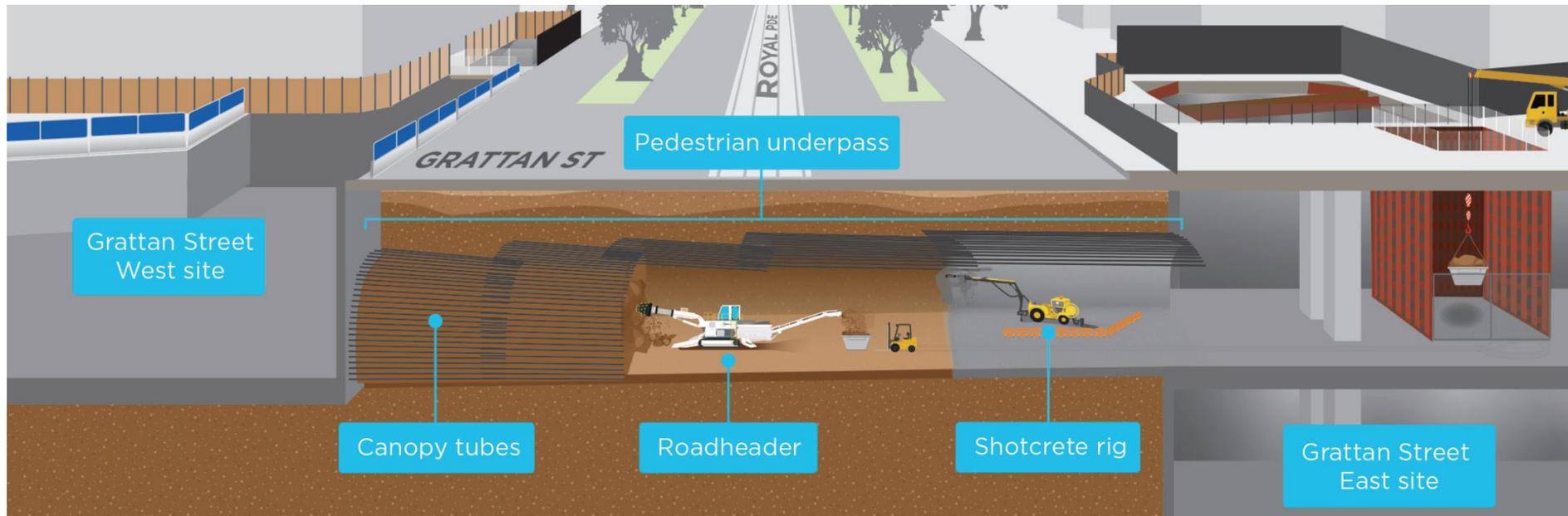
- The final stage of excavation was completed from July to August 2021
- Base slab blinding poured last week
- Pile removal has commenced to connect this area to the main station box (around three weeks' work)
- Following pile removal, permanent structure works (including base slab construction) will commence.



Royal Parade underpass



- Preparatory works will commence this week
- From mid-September, a section of piles that form the western edge of the station box will be removed (one to two weeks' work) to enable collar beam construction
- Canopy tube installation and excavation of the underpass are expected to commence in October and continue until early 2022.



University Square Car Park works

- Base slab pour is complete
- Construction of the blade column is ongoing
- Partial structure removal on B1 will be completed in mid-late September. This will be followed by pile removal in the Grattan Street east site to connect the TVS into the station box.



West TVS

- Piling was completed in July
- Capping beam construction was completed in late August
- Excavation has recommenced as is expected to be complete by the end of September
- Other works include installation of waterproofing membrane, formwork and reinforcement, and pouring concrete
- All works will be completed from within the worksite adjacent to Barry Street.

Chiller plant

- Excavation is expected to commence in late September
- Carbon fibre strengthening works are expected to commence in October.

Gantry crane removal



- The first of the three gantry cranes will be removed from October
- Gantry cranes will be removed from east to west, with two removed this year and the third in 2022
- For each crane this involves:
 - Disconnecting motors and electrics
 - Attaching temporary braces to the gantry crane legs
 - Using a large mobile crane to lower pieces of the crane to ground level
 - Removing gantry crane legs and temporary braces (mobile crane)
 - Additional dismantling at ground level
 - Removal from site (some over-sized loads required at night).



Six month program

Grattan Street east



Activity	Sept	Oct	Nov	Dec	Jan	Feb
Station box permanent structure works	Grey	Grey	Grey	Grey	Grey	Grey
Station box fit out	Light Grey					
Royal Parade entrance	Dark Grey					
Retail area	Light Grey					
Northeast emergency exit	Dark Grey					
Staged pile removal	Light Grey	Light Grey	Light Orange	Light Orange	Light Orange	Light Orange
East TVS	Dark Grey					
West TVS	Light Grey					
Chiller plant	Light Orange	Dark Grey				
Goods lift	Light Orange	Light Orange	Light Grey	Light Grey	Light Grey	Light Grey
Royal Parade underpass	Dark Grey					
Gantry crane removal	Light Orange	Light Grey	Light Grey	Light Orange	Light Orange	Light Orange
Staged capping beam removal	Light Orange	Light Orange	Dark Grey	Dark Grey	Dark Grey	Dark Grey

Grattan Street west

Station entrance construction



- Excavation through a void in the roof slab is ongoing until late September. This includes progressive shotcreting as the excavation progresses
- Once complete, permanent structure works will continue.



Six month program

Grattan Street west



Activity	Sept	Oct	Nov	Dec	Jan	Feb
Excavation						
Structure works						

Communications and stakeholder engagement update

Communications and engagement update

North Melbourne and Parkville



Notification and communications

- North Melbourne: August/September construction update (3 August)
- Parkville: August/September construction update (4 August)
- North Melbourne: Laurens Street realignment reminder notification (4 August)
- North Melbourne: advice of NDD within access track near Arden Street provided to Bicycle Network (16 August; 23 August)
- North Melbourne: various Arden Station Precinct Development Plan amendment communications (August – September)
- Parkville: Royal Parade underpass fact sheet (6 September)
- Parkville: weekly update to key stakeholders (ongoing).

Door knocks, meetings, briefings and events

- North Melbourne: fortnightly meetings with City of Melbourne
- North Melbourne: Mauri ANZ (George Weston Foods) monthly briefing (26 August)
- North Melbourne: online Arden Station Precinct Development Plan public display information sessions for general public and stakeholder groups (various)
- Parkville: fortnightly meetings with Peter MacCallum Cancer Centre, Melbourne Health, University of Melbourne, City of Melbourne.

Communications and engagement update

North Melbourne and Parkville



Community issues/enquiries and key stakeholder engagement

- Parkville: workforce mask compliance
- Parkville: northern boundary change engagement with University of Melbourne and Florey Institute (ongoing)
- North Melbourne: Arden Development Plan Amendment consultation.

Upcoming engagement

- Parkville: Parkville Station Precinct Development Plan amendment (September – October).

Arden Station Precinct Development Plan amendment

Update



- Public display period from Monday 9 to Friday 27 August
- Online information session invitation distributed to 2,565 stakeholders (8 August)
- 17 submissions received in response to amended development plan.

Online promotion of public display period

- Metro Tunnel Project website home page: 9 – 26 August
- Facebook posts: 9, 23, 25 and 26 August
- Twitter posts: 9, 23, 25 and 26 August.

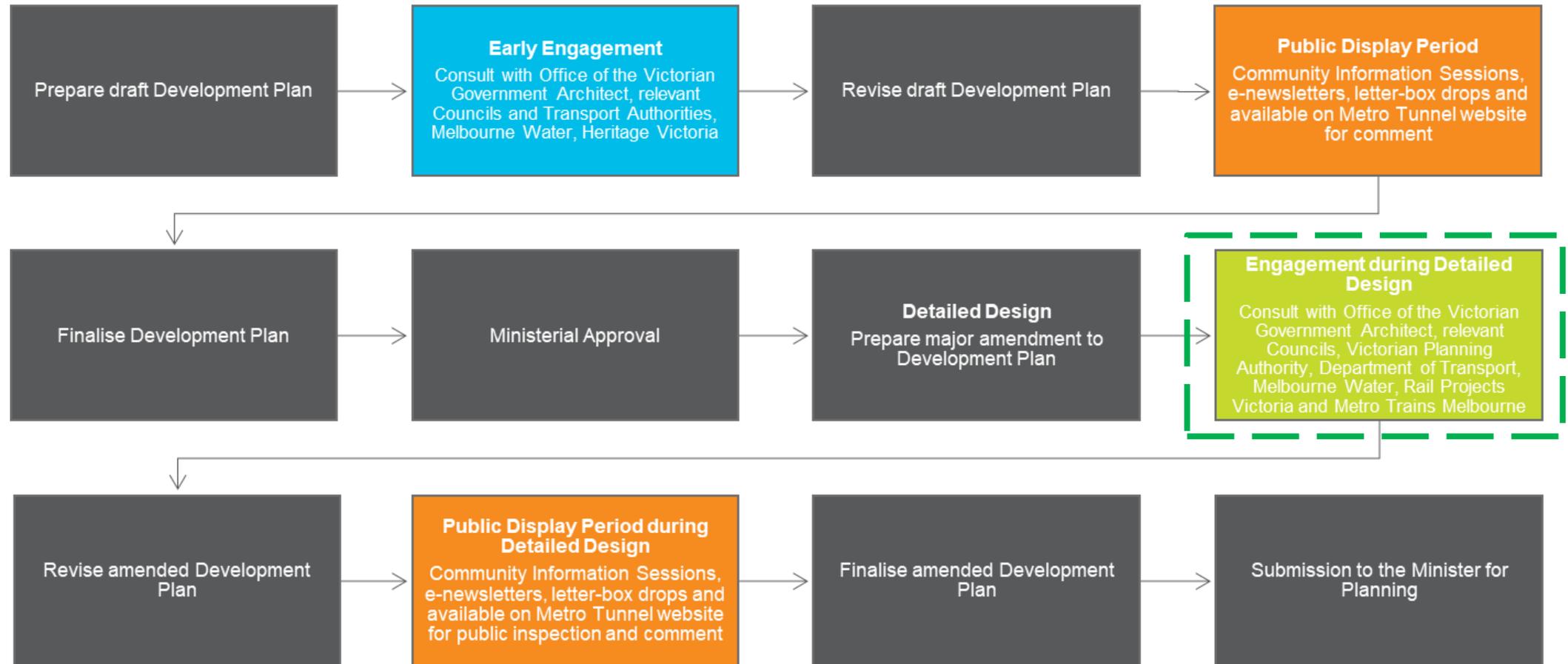


Parkville Station Precinct Development Plan amendment

STATUTORY REQUIREMENTS

- Environment Effects Statement – included public exhibition of concept design
- Incorporated Document requires Development Plans to:
 - Address surface works and underground areas from the station entrance to the ticket gate
 - Include site layout, architectural, landscape and public realm plans and elevations including lighting, signage, pedestrian access, bicycle access and other ancillary facilities
 - Demonstrate design in accordance with Urban Design Strategy and Environmental Performance Requirements
- Existing approved Parkville Precinct Development Plan
 - Public display of detailed design from Monday 27 November to Friday 15 December 2017
 - Ministerial approval on Thursday 22 March 2018
- Since approval, detailed design has continued including stakeholder consultation
- Proposing amended Development Plan – seeking comment on changes in September / October 2021.

AMENDING THE DEVELOPMENT PLAN



SUMMARY OF DESIGN CHANGES

Trees – 50 more retained than previous Development Plan and 19 more than EES

Addition of universal access car parking bays

Relocation of northbound tram platform to South of intersection

Reduced footprint to Royal Parade East entrance and ancillary building to create space for public realm and flood level mitigation

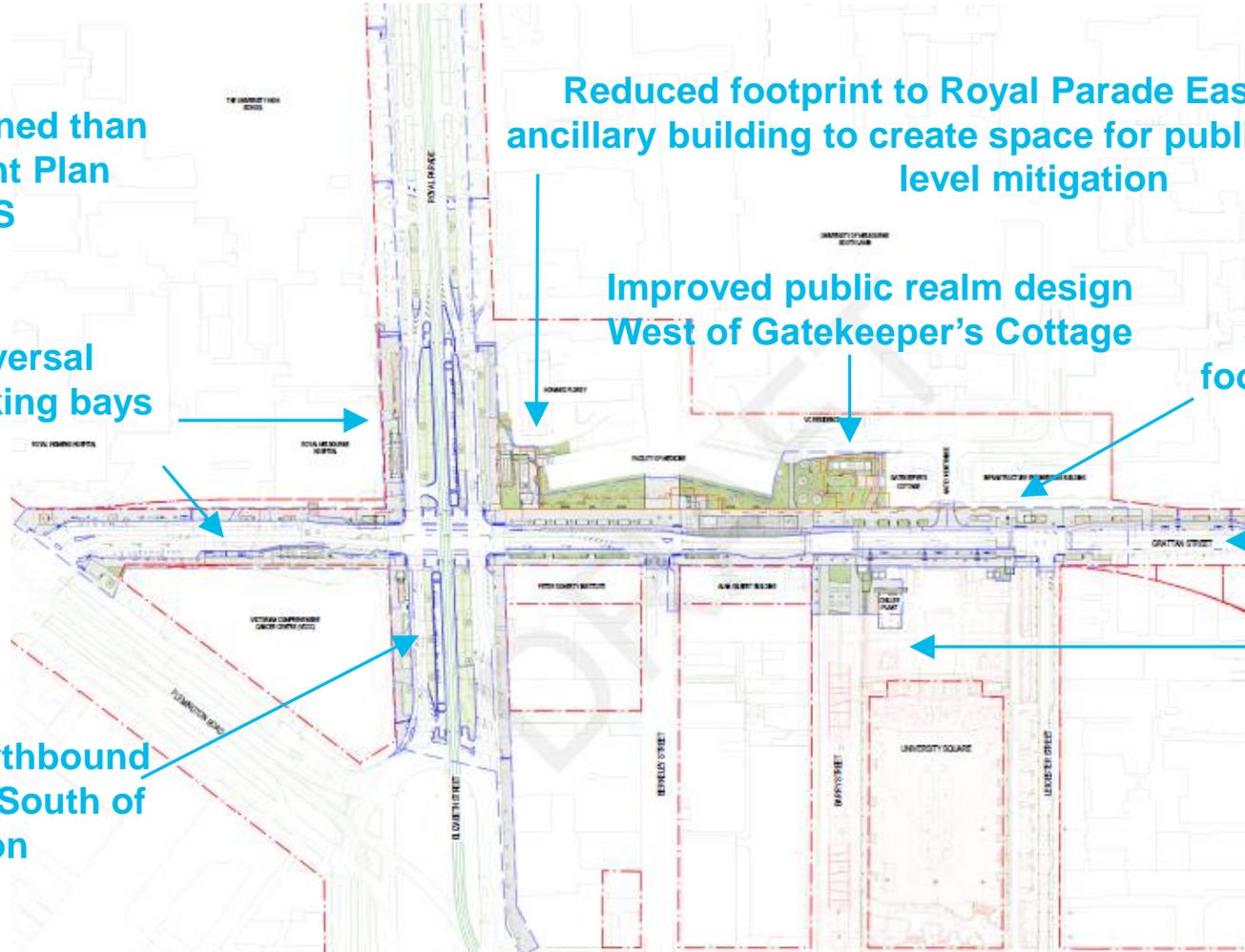
Improved public realm design West of Gatekeeper's Cottage

Streetscape revised to reduce footprint and improve public realm around Gate 10

Addition of separated bicycle lanes

Reduced footprint of chiller plant structure on University Square

Revised bicycle share locations and introduced future bicycle parking locations



PARKVILLE STATION



RENDERS: WORK IN PROGRESS

PARKVILLE STATION



RENDERS: WORK IN PROGRESS

NEXT STEPS

- Stakeholder meetings August 2021
- Public display 22 September – 13 October 2021
- Revise and respond to comments October 2021
- Development Plan Review Committee November 2021
- Submission for Ministerial approval November / December 2021

Other business

- Next meeting: Friday 29 October 2021 (online)