



KENSINGTON COMMUNITY REFERENCE GROUP

MEETING 22

9 NOVEMBER 2021

OPEN ACTIONS AND ISSUES

#	DATE RAISED	ACTION / ISSUE	OWNER	STATUS	DATE CLOSED
K7-3	22 October 2019	Investigate the possibility of hosting a community walk through the tunnel.	CYP	Open – This is being considered. Long term action.	
K18-1	30 March 2021	RIA to provide an update on the outcome of the technical assessment of noise issues associated with track turnouts at the Kensington Road end of Childers Street.	RIA	Closed – RIA presented an update at the September 2021 CRG. RIA will continue to engage with impacted residents.	14 September 2021
K20-1	20 July 2021	RIA to provide more information about crime prevention and security within the precinct, including systems and controls which will be implemented at a future CRG meeting.	RIA	Open	

CONSTRUCTION UPDATE

Presenters

Niall Forbes (Civil Construction Manager – Western Portal, RIA)

Rod Kerr (Western Portal Construction Manager, CYP)



ETS JOINED
MUNE

LONG DEEP
BREATHS

ANCESTORS
REMEMBERED

AWKWARD
BREAK-UPS

DO
O

85970

18

1

FLOOD WALL CREATIVE DESIGN INSTALLATION

CONSTRUCTION PROGRAM

Activity	Nov 21	Dec 21	Jan 22	Feb 22	Mar 22	Apr 22	May 22
Childers St/public realm works							
Flood wall design installation							
SER/CER building works							
Rail corridor works							
Egress building construction							
Capping beam demolition							
Service investigation and relocation, Childers and Tennyson Streets							
Egress building fit out							
Egress building utility connection works							
Track form concrete in decline structure							
Tunnel entrance rail services installation – enabling works							
Rail track delivery and installation							

Program is indicative and subject to change

Presenter: Niall Forbes (RIA); Rod Kerr (CYP)



**EGRESS BUILDING PROGRESS
(EXTERNAL)**



**EGRESS BUILDING PROGRESS
(INTERNAL)**



DECLINE STRUCTURE WORKS



DECLINE STRUCTURE WORKS

EGRESS BUILDING CONSTRUCTION & FIT OUT

Current Works

- The platforms at the tunnel entrances have now been constructed
- Mechanical, electrical and plumbing services installation works ongoing
- Construction of internal partitions is complete
- Internal painting ongoing
- Waterproofing of the roof has just been completed
- D-wall outside is almost removed, one piece left to be taken from site.

Planned Works

- Once the roof is waterproofed, hatch installation and cladding installation will commence
- Façade cladding installation is scheduled for early December
- Works will generally occur within normal construction hours only.



TRACK FORM CONCRETE IN DECLINE STRUCTURE

Current Works

- 1400 m³ of a total of 2100m³ (67%) of track form concrete has now been poured in the decline structure
- Installation of LV signalling and comms conduits is ongoing
- Concrete pours will continue until first week of December.

Planned Works

- The first lengths of rail will be delivered to site in early 2022.



RAIL TUNNEL FITOUT

Current Works

- Fit-out work has commenced within the tunnels. This includes installation of the bracketry to support electrical cable trays and fire protection pipework
- Installation of steel walkways, which will provide maintenance access and act as emergency tunnel egress, has also commenced
- Supply of materials for these early stages of rail tunnel fit-out is being fed from the Arden station site.

Planned Works

- In future, some materials for rail tunnel fit-out will be introduced from Western Portal.



SERVICE DIVERSIONS & CONNECTIONS

Current Works

- Works are now underway on the sewer and water connections into the new Western Portal Building. The first stage of these works will be contained entirely within the site boundary.

Planned Works

- Excavation for the water main diversion works will occur outside the project area later in November 2021
- Greater Western Water and CYP will be testing valve connections today and tomorrow (9 and 10 November)
- These valve connections will identify which properties will need to be switched to a temporary water supply during the water utility works
- Greater Western Water will contact properties directly regarding the process for the switch to a temporary water supply.

WATER MAIN UPGRADE AND SLIP LINING

Water Main Upgrade

- Works to upgrade the existing water mains outside the site boundary will be staged to ensure pedestrian access is maintained between Childers Street and Ormond Street
- The site boundary will be shifted during the second stage to maintain pedestrian access.

Slip Lining Works

- The existing water pipes will be upgraded via 'slip-lining', which involves installing new pipes within the older pipe infrastructure
- Excavation will be required at the slip-lining launch point within site and the slip lining retrieval point near the intersection of Altona Street and Tennyson Street
- New pipe will be fed through the old pipes and connected in at each end
- Two future excavation points will also be required at key locations along Childers Street to allow valve connections
- Traffic access will be maintained at all times with traffic management in place
- The existing boom gates will be shifted during these works, but access will be maintained to both Childers Street and the Lloyd Street Business Estate.

Presenter: Rod Kerr (CYP)

WATER MAIN UPGRADES



SLIP LINING WORKS





TRAFFIC

- Childers Street partially reopened in late July
- CYP will complete utility works in the station forecourt in late November 2021
- CYP is currently in discussion with City of Melbourne on options to reopen the remaining section of Childers Street temporarily until RIA return to complete public realm works and landscaping.



COMMUNITY UPDATE



COMMUNICATION AND ENGAGEMENT

Notifications and communications

- October and November construction update
- Childers Street closure notification
- Utility works notification - upcoming

Door knocks, meetings, briefings and events

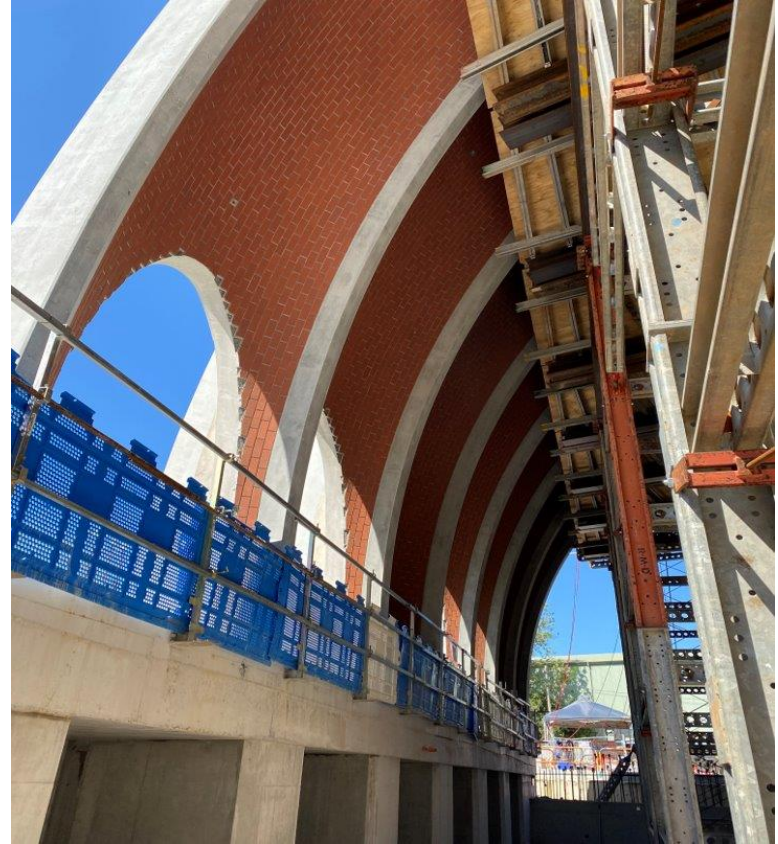
- City of Melbourne fortnightly progress meetings
- LSBE regular online meetings



PROJECT WIDE UPDATE

ARDEN STATION

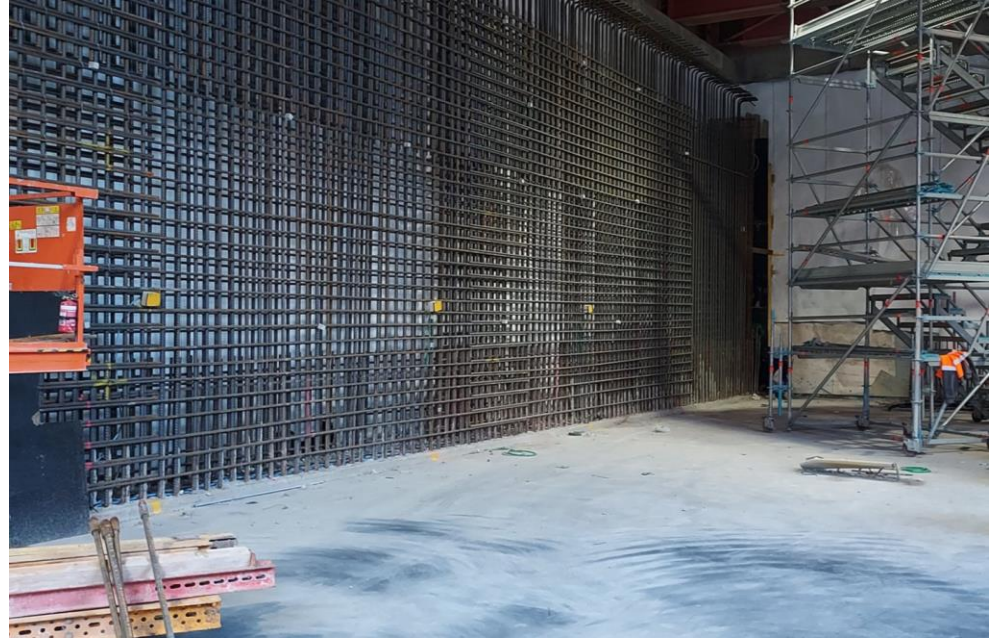
- All 45 segments of the Arden Station entrance arches have now been installed
- Over track exhaust installation is complete
- Approximately 80% of the platform has been constructed, with works ongoing
- Blockwork installation and mechanical, electrical and plumbing installation is continuing.



Station entrances arches being installed

PARKVILLE STATION

- Concrete pours to construct the roof slab of the station box are continuing. Seven of nine pours have been completed. The roof slab is expected to be complete by late 2021
- Concrete pours for the B1 to roof lining walls at the east end of the station box are ongoing
- Excavation of the chiller plant commenced in mid October and will continue until mid to late November
- Excavation of the future station entrance at Grattan St west is almost complete. Permanent structure works will continue once excavation is complete.



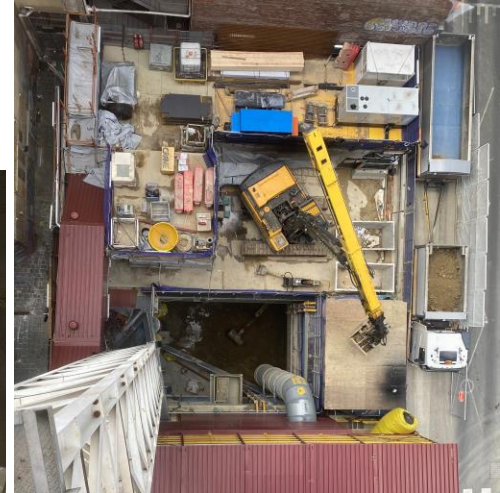
Lining wall construction

STATE LIBRARY STATION

- Shaft construction is progressing at the La Trobe Street site as around-the-clock excavation continues. Above ground, steel fixing is now underway for the buildout of the station entrance
- At the Little La Trobe Street site, the B3 slab was poured in October as excavation and FRP works continue
- Underneath Swanston Street, waterproofing and reinforcements are being continually installed along the platform rail tunnels and central cavern arch.



Trinocular cavern from the La Trobe Street adit



The Little La Trobe Street site from above

TOWN HALL STATION

- Under Swanston Street, the full extent of Town Hall Station's 29m wide trinocular cavern is now visible with the completion of excavation
- The focus underground will now be on removing the 'shell' separating the central cavern and rail platform tunnel and on structures and lining works
- At the Flinders Quarter site, excavation is continuing on B3 level
- Roof slab works over the future pedestrian connection to Flinders Street Station are continuing with waterproofing underway
- At City Square, site works are underway in preparation for installation of two tower cranes, which will dismantle the City Square acoustic shed and support station entrance build out.



The excavated final section of the Town Hall Station Cavern

ANZAC STATION

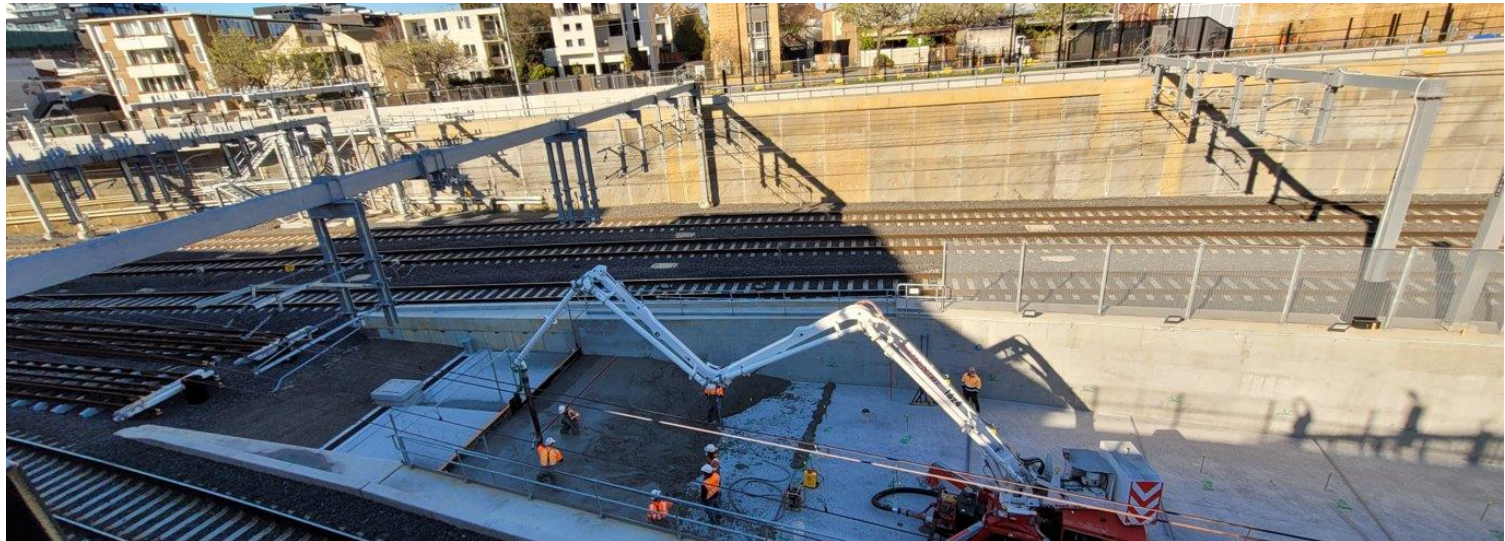
- The entire station box has now been completely excavated. Since excavation is now complete, the base slab can be finished. There are three concrete pours remaining to construct the remainder of the base slab
- D-wall demolition is ongoing on both sides of the station box, connecting the concourse level of the station to two of the three station entrances
- In the southern end of the station box, blockwork and core walls continue to be constructed. First stage painting has also begun
- In the tram interchange station entrance, the roof slab is now complete. The team has commenced waterproofing the slab before the area is backfilled.



Anzac Station blockwork

EASTERN PORTAL – SOUTH YARRA

- The tunnel invert between Anzac and Eastern Portal is now complete
- Early stages of rail tunnel fitout works have begun in the westbound tunnel. Cable trays and bracketry is now being installed
- In the decline structure, trackform concrete pours are underway. This will be what the rail track is eventually installed on.



Concrete pours in the decline structure at Eastern Portal

EASTERN PORTAL – SOUTH YARRA



Presenters:
Remy Fowler
(RIA)



HIGH CAPACITY SIGNALLING

Presentation for Kensington Community Reference Group

Presentation by Charley May and Tim Holmes

2021



HIGH CAPACITY SIGNALLING



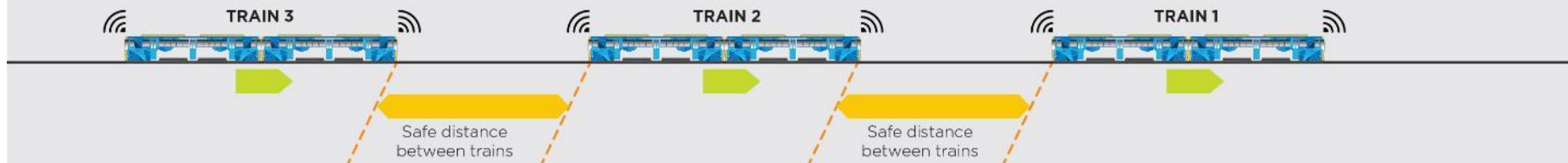
EXISTING FIXED BLOCK SIGNALLING VS MOVING BLOCK HIGH CAPACITY SIGNALLING

Allowing more trains to run more often

Existing signalling system



Moving block signalling



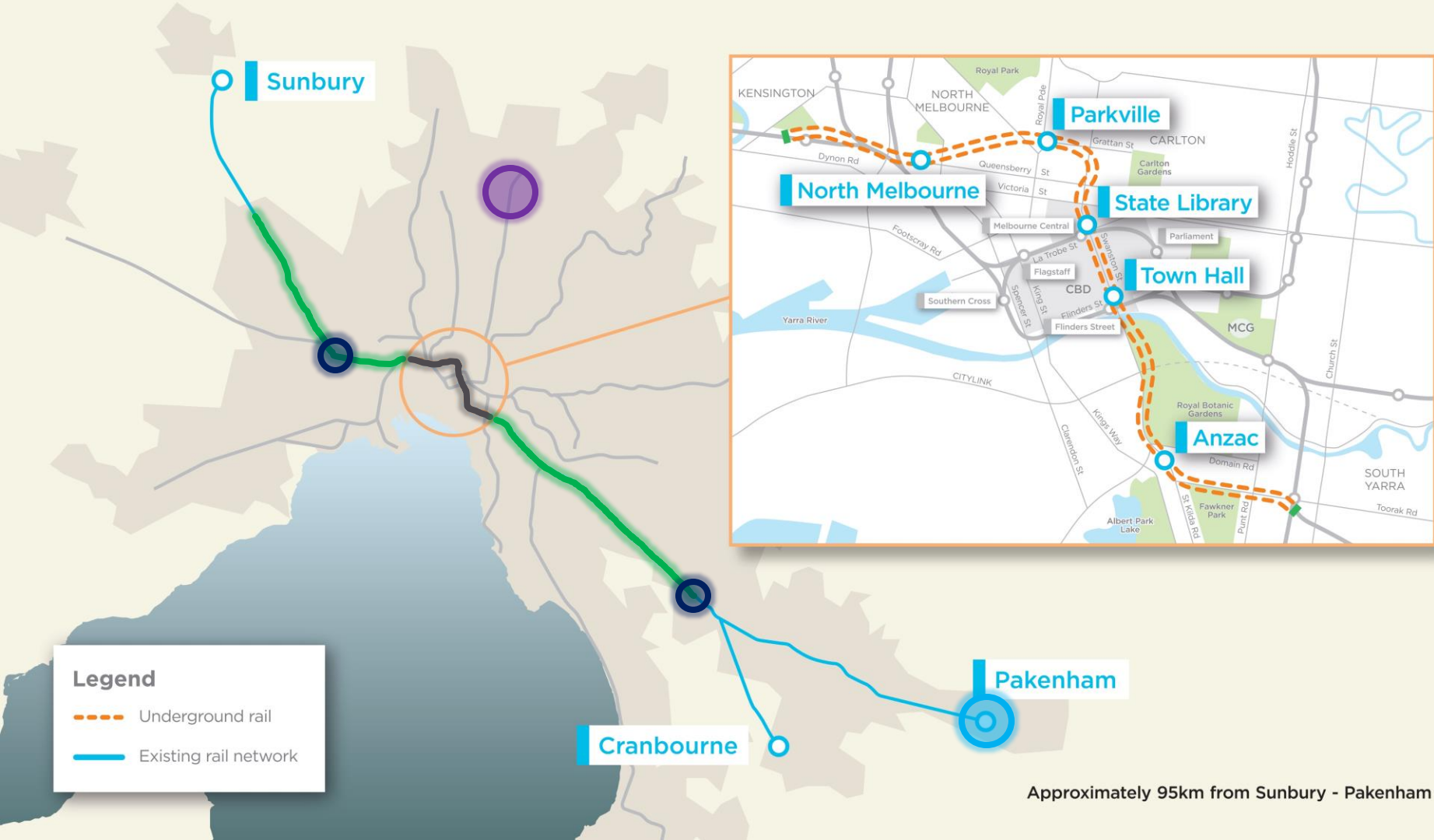
SUNSHINE TO DANDENONG LINE

95 km-long corridor



Legend

- Station
- Track works
- High capacity signalling
- Metro Tunnel
- City Loop connection
- Platform modifications
- ▲ Stabling
- ★ New platform



Approximately 95km from Sunbury - Pakenham

INNER WEST WORKS (HOBSONS ROAD)



SCOPE OF INNER WEST WORKS





- Works notifications and other stakeholder communications to continue as required
- Rail Systems Alliance (RSA) to work with CYP to include relevant information in works notifications
- City of Melbourne briefed about our works in the inner west
- Bi-annual Kensington CRG as of next year to update on HCS progress

QUESTIONS?



OTHER ITEMS?



OTHER ITEMS

- The next CRG meeting will be held on Tuesday 7 June 2022. Alternative communication methods between the project and community will continue, including the following:
 - **Continued delivery of timely and detailed construction updates and works notifications**
 - **Text message service for time sensitive updates to residents in close proximity to site**
 - **One-on-one meetings as required**
 - **Metro Tunnel 24/7 information line (1800 105 105).**



Western Portal

South Kensington

Arden

Parkville

North Melbourne

Melbourne Central

Flagstaff

Southern Cross

Flinders Street

State Library

Parliament

Town Hall

Richmond

Anzac

South Yarra

Eastern Portal

Sunbury Line

Cranbourne / Pakenham Line