



KENSINGTON COMMUNITY REFERENCE GROUP

MEETING 16

8 DECEMBER 2020

CONSTRUCTION UPDATE

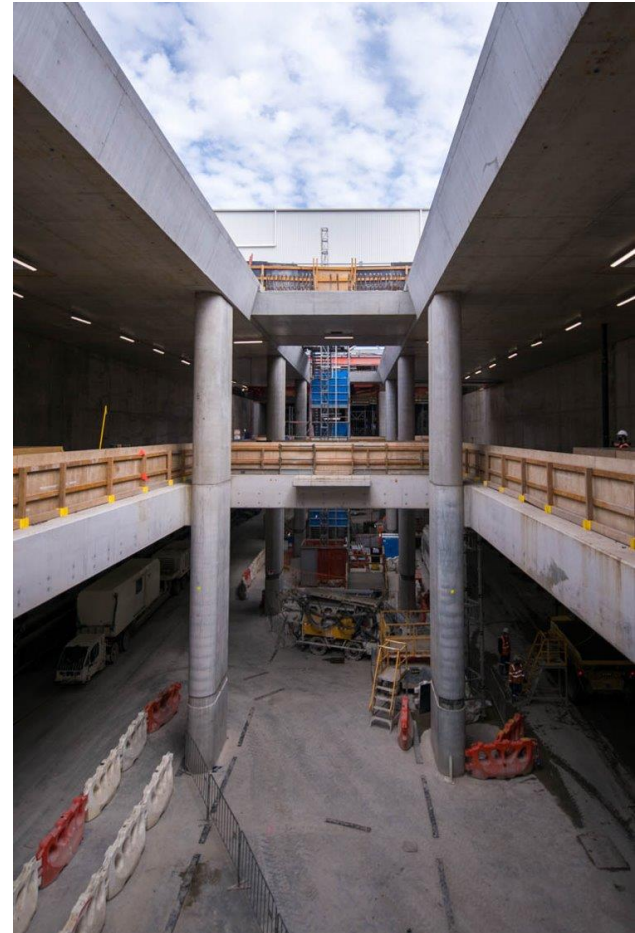
Presenters

Niall Forbes (RIA Civil Construction Manager – Western Portal)

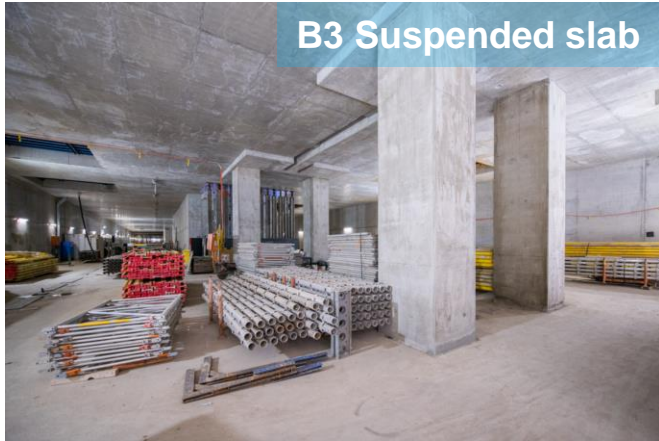
Kim Mas (CYP Construction Manager)

ARDEN STATION

- Concourse slab complete
- Four pours remain to complete the station box roof slab (two by Christmas, remaining two by March 2021)
- Station box inner lining and core walls at 95% complete
- Construction of Arden Station building/entrance to commence early 2021
- Platform installation to commence before Christmas
- Site supports tunnelling/TBMs and cross passage construction operations.



PARKVILLE STATION

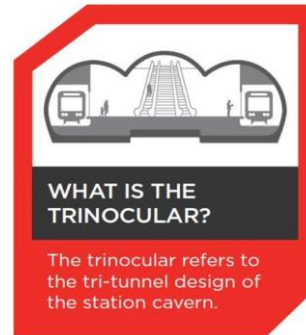


- At the Grattan Street east site, works have commenced on the B1 level. There will be four underground levels within the station
- At the Grattan Street west site, the team is completing service relocations, and preparing for road reinstatement works for the southern station entrance
- In 2021, the work site will change to construct the northern station entrance, adjacent to The Royal Melbourne Hospital.

Presenter: Lucy Mackenzie Worters (CYP)

STATE LIBRARY STATION

- Excavation of the platform rail tunnels on either side of the central cavern is nearing completion. The full extent of the trinocular is now visible
- The Little La Trobe Street site recently installed a scrubber (ventilation system) enabling commencement of excavation of the second basement level
- At the La Trobe Street site, the ground floor slab is expected to be completed later this month following two large continuous concrete pours.



TOWN HALL STATION

- Excavation of the central cavern beneath Swanston Street is complete
- Excavation of the platform rail tunnels on either side of central cavern will commence in early 2021
- The ground floor slab was recently completed at the Flinders Quarter site and top-down construction works are continuing
- Shaft excavation works at the City Square site will continue until early 2021.



ANZAC STATION



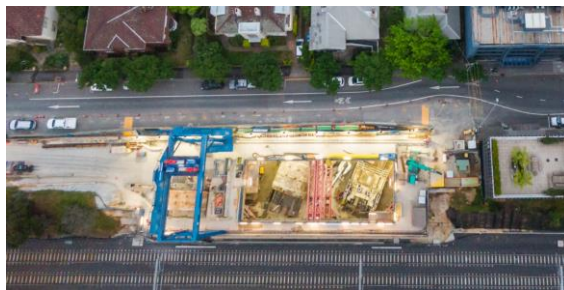
- Excavation for the Shrine of Remembrance station entrance is complete
- Excavation to the concourse level of the station box is continuing, with three of the 10 pours required to construct the concourse slab now complete
- Excavation of the tram interchange entrance is underway. This will be the main station entrance
- TBM Alice's gantry pieces are being pulled back from South Yarra through the completed tunnel. The team has begun to reassemble TBM Alice in the Anzac Station box
- TBM Millie recommenced tunnelling towards the CBD last week.

Presenter: Lucy Mackenzie Worters (CYP)

SOUTH YARRA

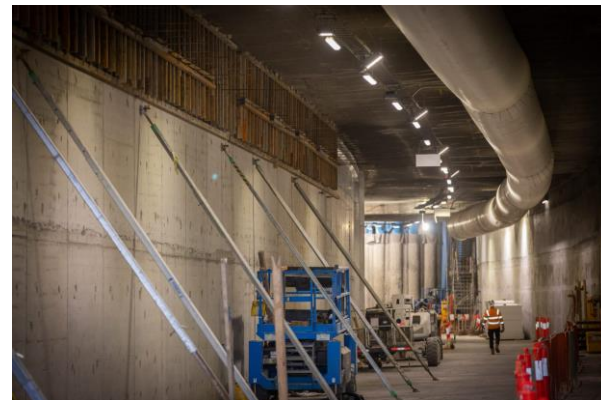
CYP

- Base slab and internal walls completed in early 2020
- Construction of stub tunnels to enable TBM breakthroughs in September & October
- TBM retrieval now in final stages
- Focus is now on breaking through the wall at eastern end of site to connect CYP & RIA sites currently.



RIA

- 26-day/night rail occupation in January
- Tunnel entrance cut and cover to be completed by end of 2020
- Emergency egress shaft from rail corridor to be completed by end of 2020
- Construction of underground substation in 2021
- Public realm works to commence in 2021



SUNBURY LINE WORKS



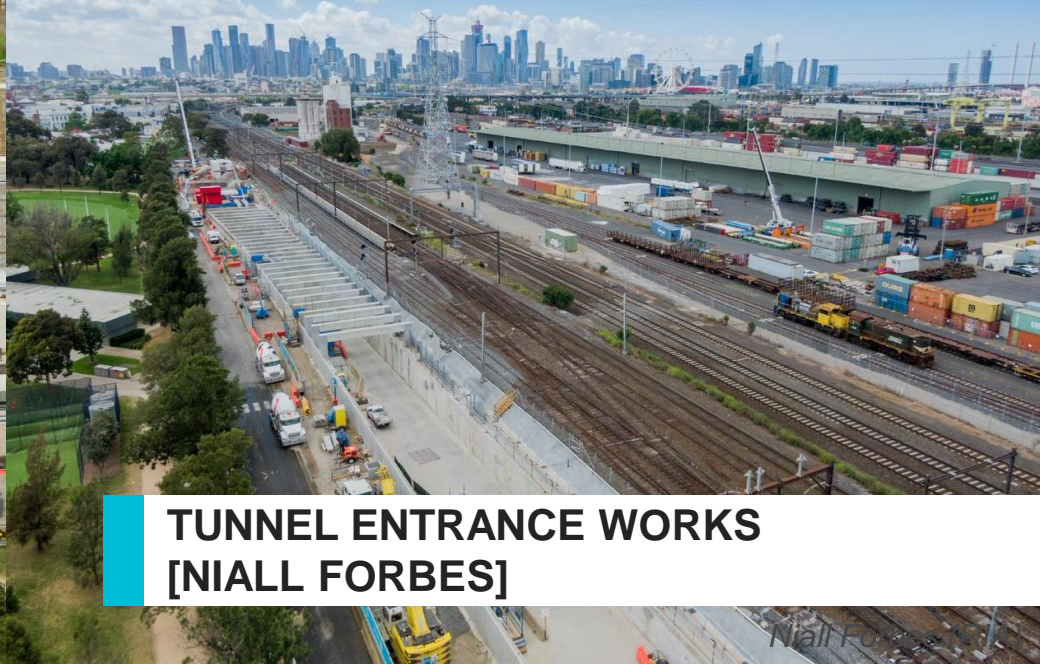
- Completed and commissioned the new third platform at West Footscray Station
- Track works at West Footscray to facilitate the Metro Tunnel Western Turnback
- Platform upgrades between Footscray and Tottenham stations.



EGRESS BUILDING SOUTH WALL
[KIM MAS]



**CROSS PASSAGE 4 CROWN (ROOF)
POURED [KIM MAS]**



TUNNEL ENTRANCE WORKS
[NIAL FORBES]



**TUNNEL ENTRANCE GROUND SLAB
[NIAL FORBES]**



DEWATERING & TEMPORARY VENTILATION [NIAL FORBES]

Niall Forbes (RIA)

CONSTRUCTION PROGRAM

Activity	Dec 2020	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021
Sump works (within decline structure)						
Internal tunnel entrance walls						
D-wall finishings						
Childers Street drainage						
Flood wall panel installation						
Childers Street / Public Realm civil works						
SER/CER construction						
Compensatory Flood Storage – Soil nail wall						
Rail corridor works						
Egress building construction						
Service investigations, Childers & Tennyson Streets						
Cross passage construction (underground works)						
Egress building fit out						
Egress building utility connection works						

Program is indicative and subject to change

Presenter: Niall Forbes (RIA); Kim Mas (CYP)



SITE SHUTDOWN PERIOD

- The Metro Tunnel Project will take a break from **construction at Kensington from Wednesday 23 December 2020**. Works will recommence on **Monday 11 January 2021**
- The site will be secured with regular security patrols
- Members of the project team will be on call to respond to any issues that arise
- Metro Tunnel Project Information Line (1800 105 105) will remain staffed 24/7 during this time.

Over-height detour management and tunnel entrance dewatering

- Regular monitoring of over-height vehicle detection system and boom gate
- If a fault is detected, the boom gate defaults to up-right position
- Dedicated contact number for any access issues
- Monitoring and operating dewatering pumps may be required.

TUNNEL ENTRANCE NOISE MODELLING – OUT OF HOURS WORKS

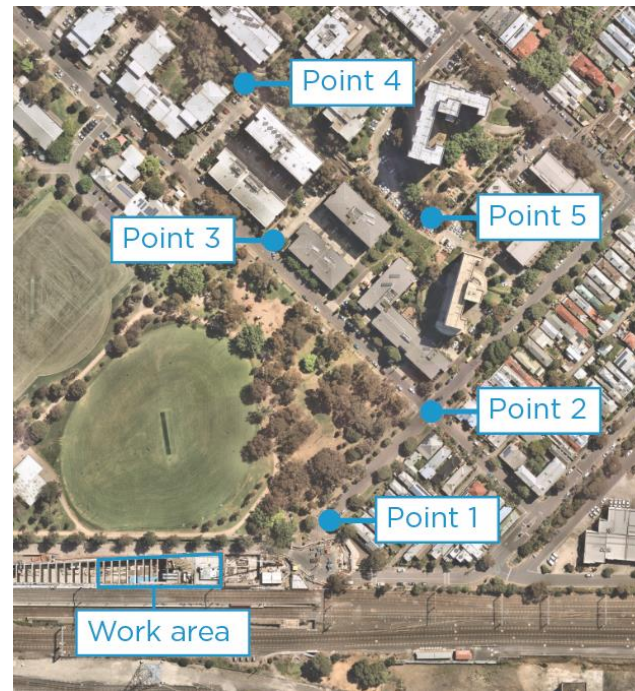
Activity	Modelled noise (closest residential receptor) - dBA	Modelled noise (closest residential receptor, Altona Street) - dBA
Tunnel entrance ground slab preparatory works	54	46
Dewatering	47	43
Formwork and steel fixing	50 to 53	44 to 49
Concrete panel install and material delivery	52	49
Sump excavation	54	46
Fencing and minor tunnel entrance works	52	49
Jet grouting	54	50

TUNNEL ENTRANCE NOISE MONITORING – OUT OF HOURS WORKS

Location	Date	Works	Modelled Noise	Monitored Noise
Ormond Street (Point 1)	9:30pm to 11:30pm, 26 November	Steel fixing, formwork and minor tunnel entrance works	53dB	53dB
Altona Street / Ormond Street (Point 2)			49dB	51dB
Altona Street West (Point 3)			47dB	52dB
Housing Complex (Point 4)			46dB	46dB
Housing Complex (Point 5)			48dB	47dB

Site conditions/observations

- External noise sources from Dynon container yards, trains and users of JJ Holland park
- Hot weather conditions and increased park activity (26 November).



SER/CER UPDATE

SIGNALLING EQUIPMENT ROOM / COMMUNICATIONS EQUIPMENT ROOM

Upcoming Works

- Service investigations (commencing 8 December at Hobsons Road site)
- Service route underground bore (commencing mid-January 2021, from Hobsons Road site to Childers Street site)
- SER/CER structural steel delivery and installation (late-December to February 2021)
- Building deliveries (February 2021)
- Building fit out (February/March 2021)
- Access driveway, fencing and drainage works (January to March 2021).

Impacts

- Out of hours deliveries for building components
- Reduced car parking availability at Hobsons Road site (next slide)
- Some compaction works in 2021 associated with access driveway and drainage works
- Increased deliveries of materials to Hobsons Road site
- Periods of high-level noise from saw cutting during service investigations (normal construction hours).

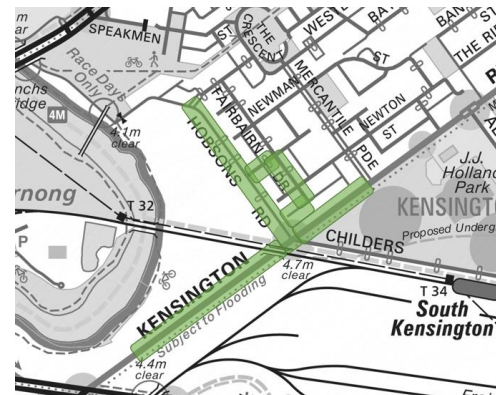


Presenter: Niall Forbes (RIA)

PARKING

- A partial closure is in place at the Hobsons Road offset carpark to allow for SER/CER works
- 20-25 spaces available for public use in December
- A full closure of Hobsons Road off-street car park is expected from mid-January
- Regular monitoring of parking availability
- Provisions to accommodate 20-25 additional off-street public parking
- Additional offsite workforce parking made available.

Local parking monitoring			
Location	Number of parking spaces	Number of available parking spaces (Thursday 26 November)	Number of available parking spaces (Monday 7 December - RDO)
Total	249	84 (66% full)	133 (47% full)





COMMUNITY UPDATE

COMMUNICATION AND ENGAGEMENT

Notifications and communications

- November Kensington Construction Update (10 November)
- Rail corridor works reminder SMS (6 November)
- Extended concrete pour email (12 November)
- Concrete pour reminder SMS (16, 19 November)
- December – January Kensington Construction Update (1 December)
- December out of hours soil nail works notification (1 December)
- Childers Street Closure extension notification (17 November)

Door knocks, meetings, briefings and events

- Lloyd Street Business Estate progress meeting (27 November)
- Kensington Community Childcare Co-operative progress meeting (28 October; 2 December)
- City of Melbourne fortnightly progress meetings (28 October; 11, 16, 25, 30 November).



Works Notification

Closure extension Childers Street

November 2020 to mid-September 2021

We recently sought feedback from the community on a proposal to extend the current closure of Childers Street to enable the ongoing and safe completion of major works within the western tunnel entrance construction site.

After careful consideration, we wish to advise that the closure of Childers Street to public traffic and use of the Darby and Trenson Street detour for over-height vehicles accessing the LSEB will be extended until mid-September 2021.

We would like to thank the local residents, business owners and the broader community members who provided valuable feedback and suggestions on the proposal, and for your patience to date.

Childers Street closure community feedback

The following key themes emerged from the feedback, which we are committed to addressing:

- Managing the detour safety by ensuring all road users and pedestrians are aware of traffic conditions through additional traffic management measures
- Minimising the use of the detour overnight and reducing associated impacts from trucks travelling on residential streets
- Providing additional vehicle monitoring during construction restrictions and monitoring of all vehicle volumes on Darby Street
- Providing additional detail on upcoming works that require the road closure extension and the traffic arrangements that will be in place after mid-September 2021

Feedback also noted that the over-height detection system has operated well for businesses with over-height vehicles accessing the Lloyd Street Business Estate (LSBE) during the current closure.

For a detailed summary of the feedback received please visit metrotunnel.vic.gov.au/construction/kensington/traffic-and-transport-changes.

Safety along the detour route

The project team is investigating additional measures to assist in raising driver, cyclist and pedestrian awareness along the detour route to ensure the continued safety of all road users.

The project team has spoken with the local road authority about appropriate signage and will continue to refine measures used in the proposed traffic management plans.

In the coming weeks, we will implement additional long-term traffic management measures, continue to monitor the operation of the detour and make improvements as required.

Further assistance

If you have any questions about this information or about the Metro Tunnel Project, you can contact us by phoning the Metro Tunnel Project Information Line on 1800 105 105 (press 2 and follow the prompts).



Monthly construction update

Kensington

December 2020 - January 2021

Major construction is continuing in Kensington at the site of the future western Metro Tunnel entrance. This update provides an outline of current and upcoming works in your area throughout December and January.

Construction snapshot

- In December and January, works within the Kensington precinct will include:
 - Egress building construction
 - Tunnel entrance construction
 - Tunnel entrance ground improvement works
 - Signalling and communication equipment room (CSER/CSO) construction
 - Compensatory flood storage soil nail wall construction
 - Cross passage construction
 - Rail corridor maintenance works
 - Ongoing survey and monitoring activities

Further information on these works can be found online or at metrotunnel.vic.gov.au

When are we working?

Normal construction hours
7am to 6pm, Monday to Friday
7am to 1pm, Saturdays

Out of hours
Some works are required to take place out of normal construction hours. The timing of these works is outlined in the construction information overlay.

24 hours
24-hour works are sometimes required during peak construction activities. The timing of these works is outlined in the construction information overlay.

We're taking a break

The Metro Tunnel Project will take a break from construction from **Wednesday 23 December 2020**. Works will recommence on **Monday 11 January 2021**.

During the closure, the site will be secured with regular security patrols, and members of the project team will be on call to respond to any issues that arise. If you have any queries, please phone the Metro Tunnel Project Information Line on 1800 105 105.

Health and safety

Works on the Metro Tunnel Project are progressing with strict COVID-19 plans in place. The health and safety of our workforce and community remains our top priority.

For more information and advice about the coronavirus (COVID-19), please visit [coronavirus.vic.gov.au](https://www.vic.gov.au).



Presenters: Michael Prebeg (RIA) & Lucy Mackenzie Worters (CYP)

CHILDERS STREET CLOSURE

Updates

- Closure extension in place until mid-September 2021
- Project team refining plans for additional line-marking and static signage on Derby Street
 - Final plans expected in January 2021
 - Notification to be provided to Derby Street residents prior to line-marking works
- Ongoing traffic volume monitoring along Derby Street and Tennyson Street
- Additional information to be provided to all LSBE businesses on correct access routes.





PLANNING AND DESIGN

FLOOD WALL DESIGN UPDATE

- A designer has been selected for the flood wall
- 'Meet & greet' session to be held Tuesday 15 December (invitation only)
 - Designer will be revealed at this session
 - Provides an opportunity to speak directly with local community representatives
 - Update on final design timing
- Wider community update to be provided in late-December
- Seeking information from the community via online survey and photo submissions.
- Design expected to be finalised in Q1 2021
- Access the survey

here: <https://survey.alchemer.com/s3/6063945/flood-wall>



Presenters: Michael Prebeg (RIA)



EGRESS BUILDING DESIGN UPDATE

- Design to be presented to CRG at meeting in early 2021
- Further information circulated in advance of meeting, if available.



OTHER ITEMS?



OTHER ITEMS

- Next CRG meeting will be held on Tuesday 9 February 2021
- CRGs will be hosted online until further notice.



Western Portal

South Kensington

Arden

Parkville

Sunbury Line

North Melbourne

Melbourne Central

State Library

Parliament

Flagstaff

Town Hall

Southern Cross

Flinders Street

Richmond

Anzac

South Yarra

Eastern Portal

Cranbourne / Pakenham Line