



KENSINGTON COMMUNITY REFERENCE GROUP

MEETING 11

7 MAY 2020

PLANNING AND DESIGN

FLOODWALL DESIGN TREATMENT

- Finalising creative design brief with the project curator
- Design committee established to shortlist and select a designer (July 2020)
- Selected designer will commence design development to address the design brief and will work closely with the design committee to finalise the creative design response.
- The selected designer will attend future CRG meetings over the coming months:
 - Introduction and showcase previous work and experience
 - Provide the designer opportunity to seek further clarification or information on the previous engagement and key themes outlined in the creative brief

Design expected to be finalised by late 2020.

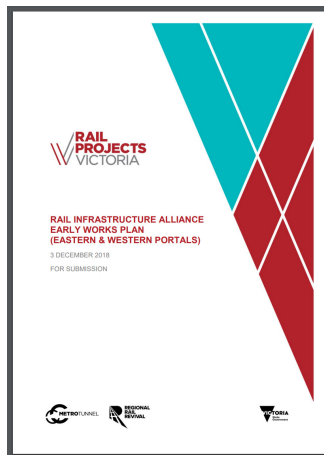


Kensington Artist Impression

Presenter: Michael Prebeg (RIA)

PREVIOUS APPROVALS

- Early Works Plan amendment approved 24/12/2018
- Site establishment commenced 29/01/2019
- Western Portal Development Plan approved May 2019
- Amended Western Portal Development Plan approved September 2019



RIA DEVELOPMENT PLAN AMENDMENTS TIMELINE

Activities	Timing
Public display period	Monday 4 May to Friday 22 May 2020
Virtual information session	4pm to 6:30pm, Tuesday 12 May 2020
Submissions reviewed and responded	May/June 2020
Submitted to Minister for Planning for Approval	June 2020
Anticipated approval	July/August 2020



Presenter: Rachel Butler

RIA DEVELOPMENT PLAN - FEEDBACK

You can provide feedback until **May 22** on the proposed Development Plan amendments online at engage.vic.gov.au/western-portal-development-plan-amendment

Virtual community information session:

- Tuesday 12 May, 4pm – 6:30pm
- Visit engage.vic.gov.au/bigbuild
- Look for Metro Tunnel – Western Portal Development Plan amendment



Western Portal Development Plan amendment

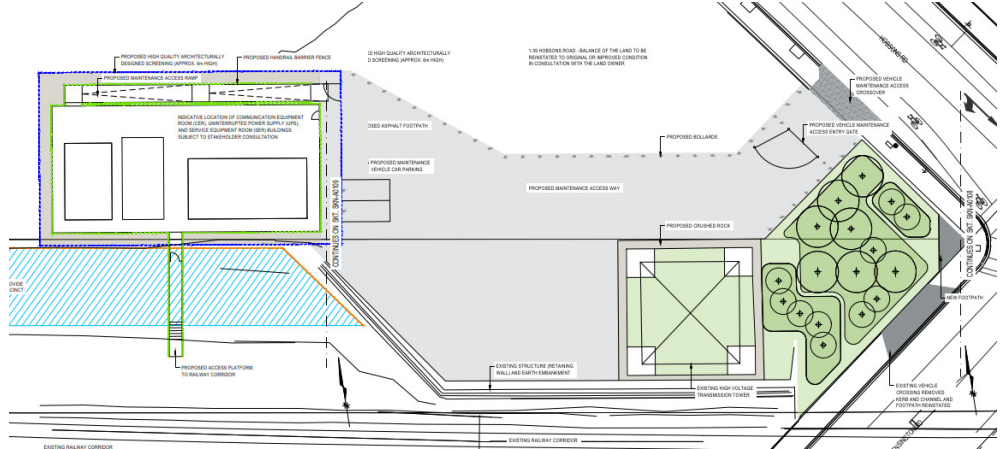
The Metro Tunnel Project seeks community feedback on proposed amendments to the Western Portal Development Plan.

Last updated **04 May 2020**

Presenter: Rachel Butler

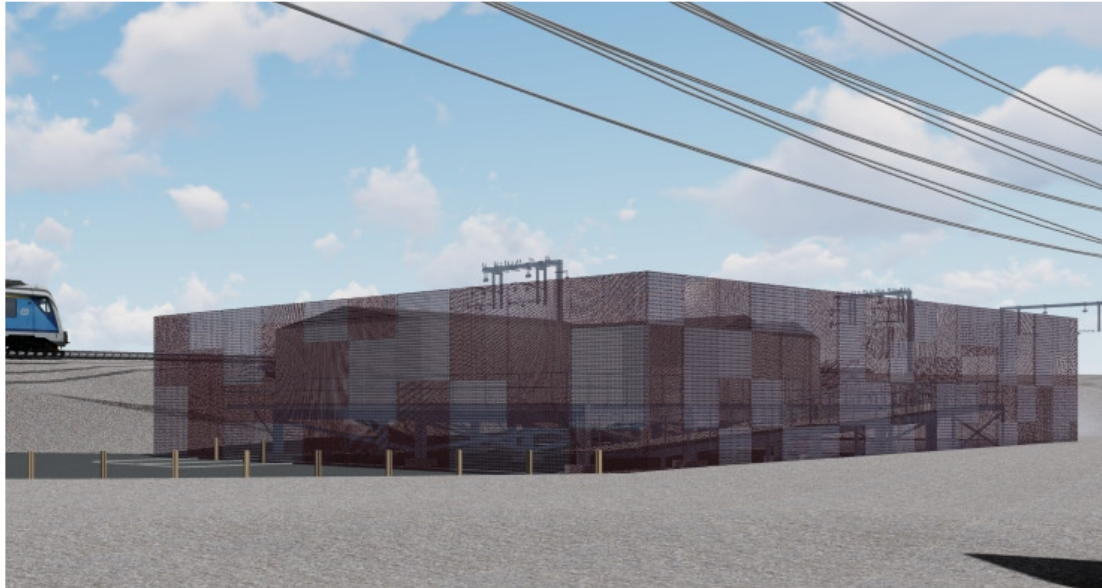
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- Communications and Signalling Equipment Rooms to run the Metro Tunnel
- Dimensions: 30 m (l) x 15 m (w) x 5 m (h)
- 3 separate prefabricated buildings sitting on a raised platform
- Construction timing: Late 2020 – early 2021



Presenter: Reid Merriman

SER/CER

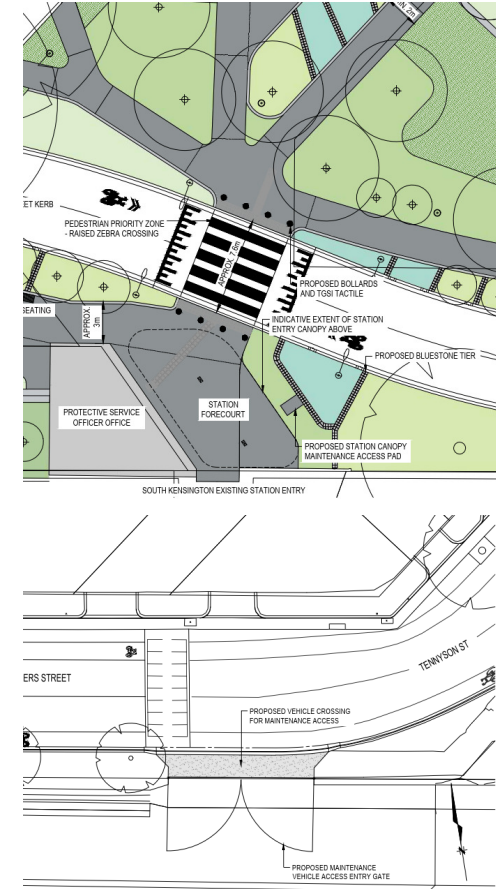


Artist impression, subject to change

Presenter: Andrew Roberts

OTHER AMENDMENTS

- Inclusion of 1-39 Hobsons Road rail embankment for flood plain management
 - Involves constructing a retaining wall along the existing rail embankment to reduce the batter (slope) of the rail embankment
- Minor updates to station entry and forecourt
 - Landscape updates to reflect further design consultation with City of Melbourne
- Minor update of Childers streetscape design
 - The realignment of Childers Street between Ormond and Tennyson Streets has prioritised cyclists and pedestrians over car parking
 - Inclusion of a rail maintenance access point on Childers Street
- Editorial updates to reflect proposed amendments



Presenter: Rachel Butler/Reid Merriman

COVID-19



COVID-19

Health and safety

The health and safety of our workers is our key priority as we continue to deliver the Metro Tunnel Project, as is supporting social distancing measures in line with current health advice.

- The project will continue to protect the health and welfare of our people and the community we operate within during this time
- Construction activities are continuing across all precincts
- On-site measures being taken to meet government advice on social distancing measures
- Communications and Stakeholder Engagement team reviewing how upcoming engagement activities are delivered.

Presenter: Kim Norton

COMMUNITY UPDATE



COMMUNICATION AND ENGAGEMENT

Notifications and communications

- Advice of completion of 24/7 TBM retrieval to site adjacent residents (23 April)
- May Kensington Construction Update (30 April)
- Development Plan virtual information session invitations (30 April)
- Advice to LSBE and Lloyd Street businesses of overnight closures to Lloyd Street for reinstatement works (1 May)

Door knocks, meetings, briefings and events

- Lloyd Street Business Estate fortnightly update email (24 April)
- City of Melbourne fortnightly progress meetings (15, 29 April; 4, 6 May)
- Kensington Community Childcare Co-operative monthly update email (15 April)
- One-on-one communication/discussions with community members and businesses throughout April and May

Presenters: Kim Norton & Jarrod Scurry



COMMUNITY ISSUES

West Gate Tunnel Works (Late April)

- Complaints received by residents in Kensington via 1800 105 105 call centre
- Complaints were allocated to Metro Tunnel Project to respond
- MTP investigated and coordinated responses from West Gate Tunnel Project
- West Gate Tunnel Project notifications now included as part of the call centre knowledge base for South Kensington
(A resource that lists all the notifications, collateral and alerts provided for all the Major Transport Infrastructure Authority (MTIA) projects)

Presenters: Jarrod Scurry & Kim Norton

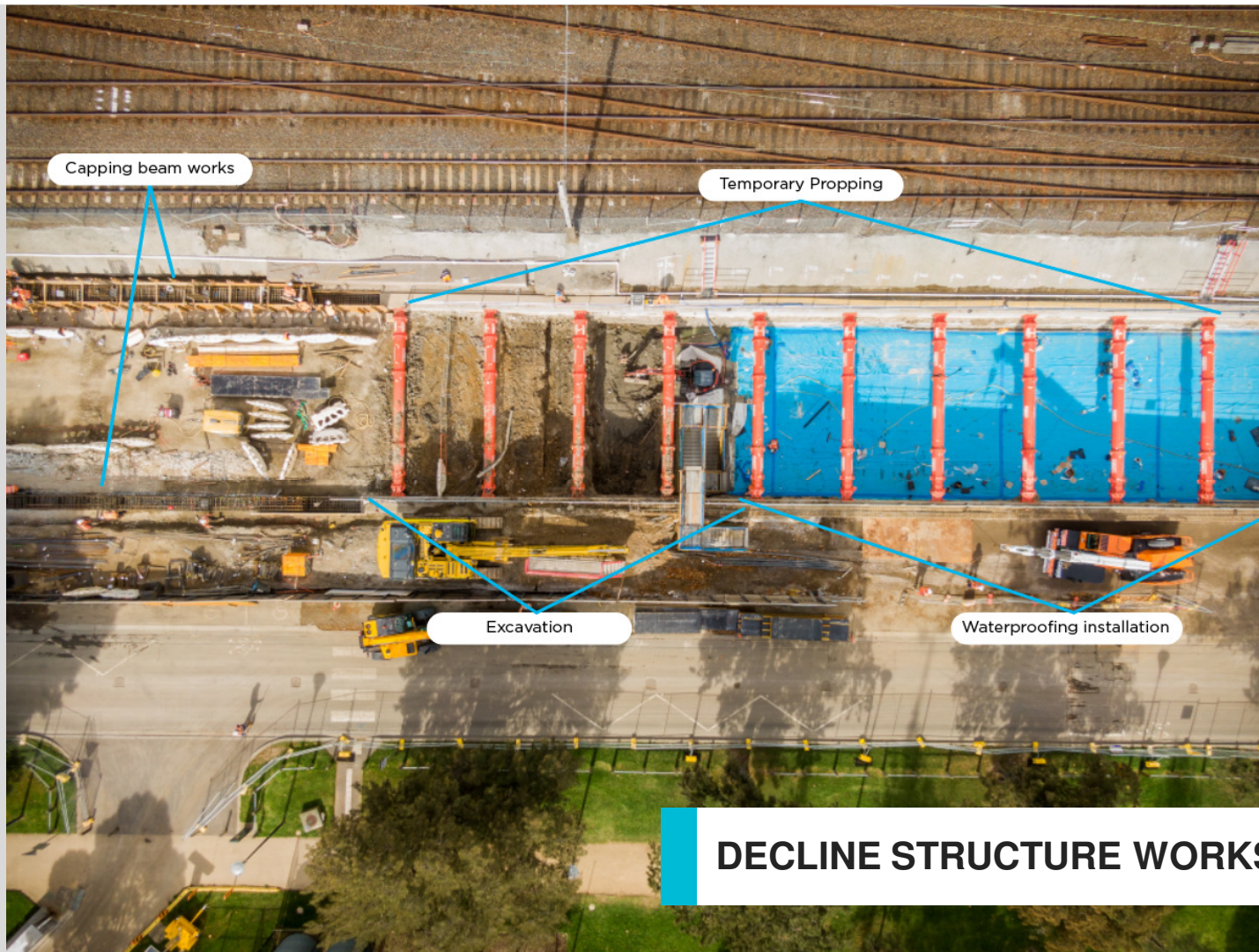
CONSTRUCTION UPDATE



WHAT'S BEEN COMPLETED

- TBM retrieval (Meg and Joan)
- TBM retrieval shaft V-shape infill
- Second concrete pour of tunnel entrance ground slab
- Pre-cast propping installation (3 of 9 props)
- Completion of 285 metres of capping beams (275 metres remaining)

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



DECLINE STRUCTURE WORKS

CONSTRUCTION PROGRAM

Activity	May	Jun	Jul	Aug	Sept	Oct
Egress building – preparatory/below ground works						
Diaphragm wall construction and capping beams						
Bentonite plant and gantry removal						
Permanent propping works						
Sump piling (surface based works)						
Tunnel entrance roof slab construction						
Tunnel entrance excavation and base slab construction						
Flood wall panel installation						
Drainage works						
Sump works (within decline structure)						
Cross passage ground improvement reinstatement						
Cross passage construction (underground works)						

Program is indicative and subject to change

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



EGRESS BUILDING PREPARATORY WORKS

Egress building

- Will be constructed adjacent to South Kensington station
- Provide emergency access to and from the tunnels
- House emergency equipment, and mechanical and electrical systems
- TBM retrieval shaft will become the building's foundations and basement

Construction

- Managed by Arden Station site civil team (Kim Mas)
- Below ground works including waterproofing, base slab and internal wall construction: ongoing until September 2020
- Above ground construction expected to commence late 2020 (TBC)

Presenter: Kim Mas (CYP)

SUMP PILING

Works

- Installation of 36 piles to form the foundations for a sump box below the tunnel entrance
- Secant piling methodology (similar technique to the construction of the TBM retrieval box)

Timing

- Piling works: Mid-June to late July 2020 (prior to roof slab construction)
- Sump construction: Late 2020

Impacts

- Out of hours delivery of piling rig
- Piling works planned for normal construction hours
 - Anticipated periods of high-level noise from auger removing excavated materials
- Monitoring Covid-19 restrictions with the anticipated timing of works

Piling machinery used to construct the TBM Retrieval Shaft



Shaft location

Presenter: Niall Forbes (RIA)

D-WALL DEMOBILISATION

- Demobilisation of three cranes from Childers Street worksite
- Removal of silos, shipping containers, pipes, pumps and site offices from Hobsons Road compound (possible overnight transport required)
- Removal of bentonite gantry (anticipated in July)
 - Removal of horizontal section, and two vertical sections
 - Closure of Kensington Road, Hobsons Road, and Childers Street
 - Closure of Hobsons Road car park
- Further information on impacts and timing from late May onwards



Presenter: Niall Forbes (RIA)

TUNNELLING AND TBM RETRIEVAL



TBM RETRIEVAL AND REASSEMBLY

Retrieval works (Western Portal)

- Completed Friday 17 April

Reassembly works (Arden Station site)

- TBM Joan fully reassembled
 - Undergoing testing and commissioning
 - Expected to relaunch mid-May
- TBM Meg reassembly approx. 50% complete
 - Expected to relaunch mid-June

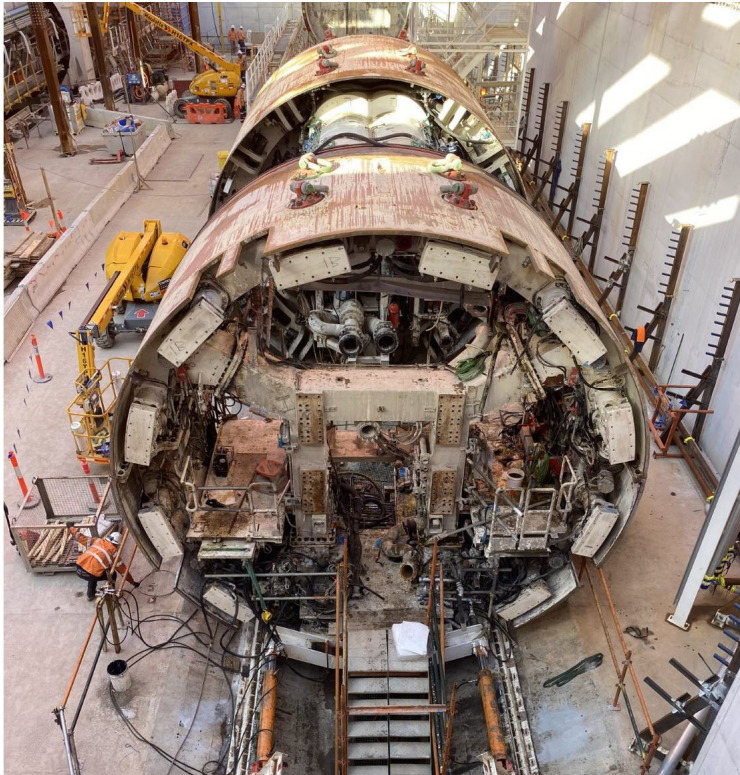
Presenter: Kim Norton (CYP)

TBM RETRIEVAL AND REASSEMBLY



Presenters: Kim Norton (CYP)

TBM REASSEMBLY



Presenters: Kim Norton (CYP)



CROSS PASSAGE CONSTRUCTION

Arden Station to Kensington

- Commencing in May 2020
- All works to occur underground from completed tunnels
- Access from Arden Station site
- Not expected to be audible above ground
- Approx. 6 months to construct each cross passage (undertaken concurrently)
- Construction involves:
 - Installing work platforms and bracing frames
 - Geotechnical probe drilling
 - Cutting through the tunnel walls using a wall saw
 - Excavating the cross passage with an excavator
 - Waterproofing the cross passage
 - Lining with reinforced concrete

Presenters: Kim Mas (CYP)

OTHER ITEMS?

