



KENSINGTON COMMUNITY REFERENCE GROUP

MEETING 12

23 JUNE 2020



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.



COMMUNITY UPDATE

COMMUNICATION AND ENGAGEMENT

Notifications and communications

- June Kensington Construction Update (2 June)
- Oversized overnight delivery update (4 June)
- Out of hours works notification (12 June)
- Kensington Road closure notification and detour brochures (22-23 June)

Door knocks, meetings and events

- Lloyd Street Business Estate fortnightly update email (5, 19 June)
- City of Melbourne fortnightly progress meetings (27 May)
- Kensington Community Childcare Co-operative monthly update email (9 May)
- One-on-one communication/discussions with community members and businesses throughout May and June
- Development Plan virtual information session (12 May)





COMMUNITY ISSUES

Vandalism near South Kensington station

- Replaced damaged chicanes around turning area (9 June)
- Butterfly artwork repainting by artist Mike Maka (22-23 June)

TUNNELLING UPDATE

- All four Metro Tunnel Project TBMs now in operation
- Track progress at metrotunnel.vic.gov.au (see below)

TUNNELLING PROGRESS

JOAN

Arden to Kensington:
1.2km (completed)
Arden to Parkville:
292m (underway)



Total distance
tunnelled
1,492m
Total Rings installed
869

MILLIE

Anzac to South Yarra:
underway



Total distance
tunnelled
102m
Total rings installed
50

MEG

Arden to Kensington:
1.2km (completed)
Arden to Parkville:
25.5m (underway)



Total distance
tunnelled
1,225m
Total rings installed
708

ALICE

Anzac to South Yarra:
underway



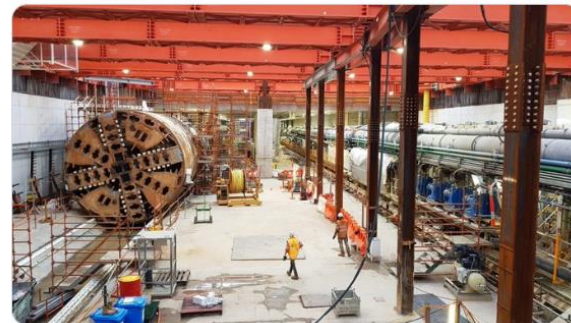
Total distance
tunnelled
60m
Total rings installed
24



Metro Tunnel @metrotunnelvic · Jun 4

And away she goes! Meg has now begun her journey to Parkville.

With the launch of TBM Meg from the Arden site in North Melbourne, all four of the Metro Tunnel's tunnel boring machines are now digging the project's 9-kilometre twin tunnels across Melbourne.





CONSTRUCTION UPDATE

WHAT'S BEEN COMPLETED

- Diaphragm walls (D-walls) completed (148 panels)
- 9 of 9 precast props installed
- 3 of 21 cast in-situ props installed
- ~26% of excavation complete
- 110m of 280m tunnel entrance base slab
- Tunnel segment trimming
- V shape infill
- Preparation works for permanent works





PERMANENT PROPPING



EXCAVATION PROGRESS

CONSTRUCTION PROGRAM

Activity	Jun	Jul	Aug	Sept	Oct	Nov
Egress building—below ground structure						
Egress building—above ground structure						
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						
Sump works (within decline structure)						
Cross passage ground improvement reinstatement						
Cross passage construction (underground works)						

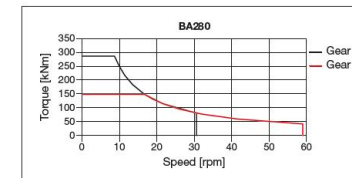
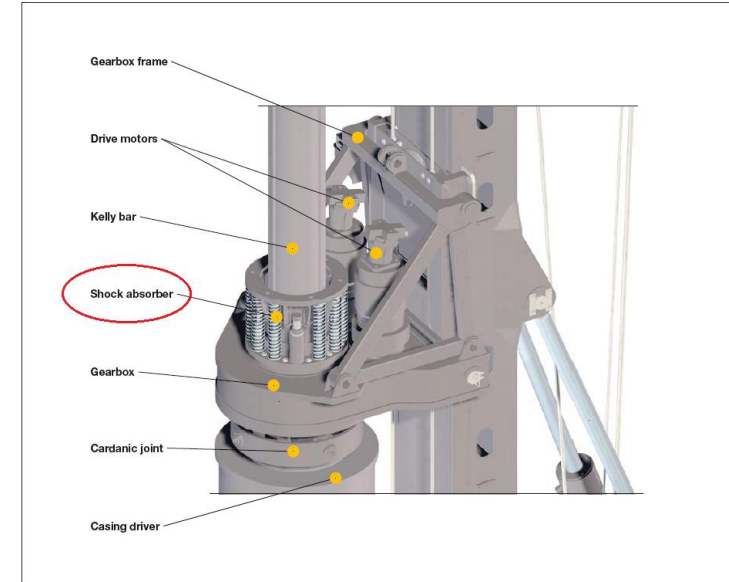


EGRESS BUILDING – BELOW GROUND STRUCTURE WORKS

- Construction of the building's internal and core walls, and suspended slab
- Waterproofing works around the tunnel entrance
- Commencing mid-June 2020
- Expected to take 2-3 months
- Involves:
 - Installing waterproofing membrane on future internal walls
 - Installing steel reinforcement and formwork
 - Pouring concrete using concrete trucks and pumps
- Regular construction hours (allowance for out of hours over-sized deliveries; concrete pours may occasionally continue beyond 6pm, Monday to Friday, or 1pm, Saturdays)
- Construction of suspended slab expected to commence in August
- Above ground structure works expected to commence end of Q3 2020

PILING WORKS

- Timing: 7am to 6pm, Monday to Saturday
- Late June to August 2020
- Saturday afternoon shift required to ensure site can be left safely over the weekend
- Involves:
 - Removing concrete foundations from old High Voltage transmission towers
 - Installing a small guide wall
 - Drilling works
 - Installing steel reinforcement
 - Pouring concrete
- Piling machine - LB28: Kelly shock absorber and rubber bearing to relieve material and reduce noise emission
- Project team available to discuss respite options



- 2-stage-gear drive for flexible adaptation to soil conditions
- Due to stepless speed control via joystick optimum and precise alignment and rock drilling is possible even at low speed levels; it is not required to preselect an operating mode
- Kelly shock absorber and rubber bearing relieve the material and reduce noise emission
- Thanks to the Kelly shock absorber the Kelly bar is guided at greater length
- Various drive adapters provide compatibility with other systems

RAIL CORRIDOR WORKS

Timing

24-hour works from Friday 26 June to Sunday 5 July

Works

- Installing new signaling casing (pipes) and footings at South Kensington station and Maribyrnong River bridge (24-hour works)
- Replacing refuge points across Maribyrnong river (handrails and safety access points) (24-hour works)
- Site investigations and earthworks (day-shift works)
- Installing overhead foundations and structures between Maribyrnong River and Footscray (24-hour works)
- ***Metro Trains infrastructure and maintenance works may be occurring along the Sunbury Line***
- For further information please contact Metro Trains on 1800 800 007



Permanent CSR
WG30: South Kensington
Main Suburbans

GST Installation
Trenched Route
ULXs
Bore Route
NDD

RIA-A-OW-005
26/06 – 06/07
Day & Night
Access: Sth Ken
Platform

Plant:
Excavators (Hi-rail/Non)
Dumpys (Hi-rail/Non)



Permanent CSR
WG31: MRY River Bridge
Main Suburbans

GST Installation
Trenched Route
ULXs
Bore Route
NDD
Bore Exit/Entry Hole

RIA-A-OW-005
26/06 – 06/07
Day & Night
Access: Leunig Place

Plant:
Excavators (Hi-rail/Non)
Dumpys (Hi-rail/Non)

BENTONITE GANTRY REMOVAL

Gantry Removal Works

- Switch traffic signals posts onto temporary blocks
- Temporarily disconnect an overhead wire across Kensington Road (no impact to residential electricity)
- Mobilise two cranes on Kensington Road
- Remove horizontal section and disconnect into three sections
- Remove two vertical sections
- Load onto 4 trucks and transport to storage yard in Tottenham



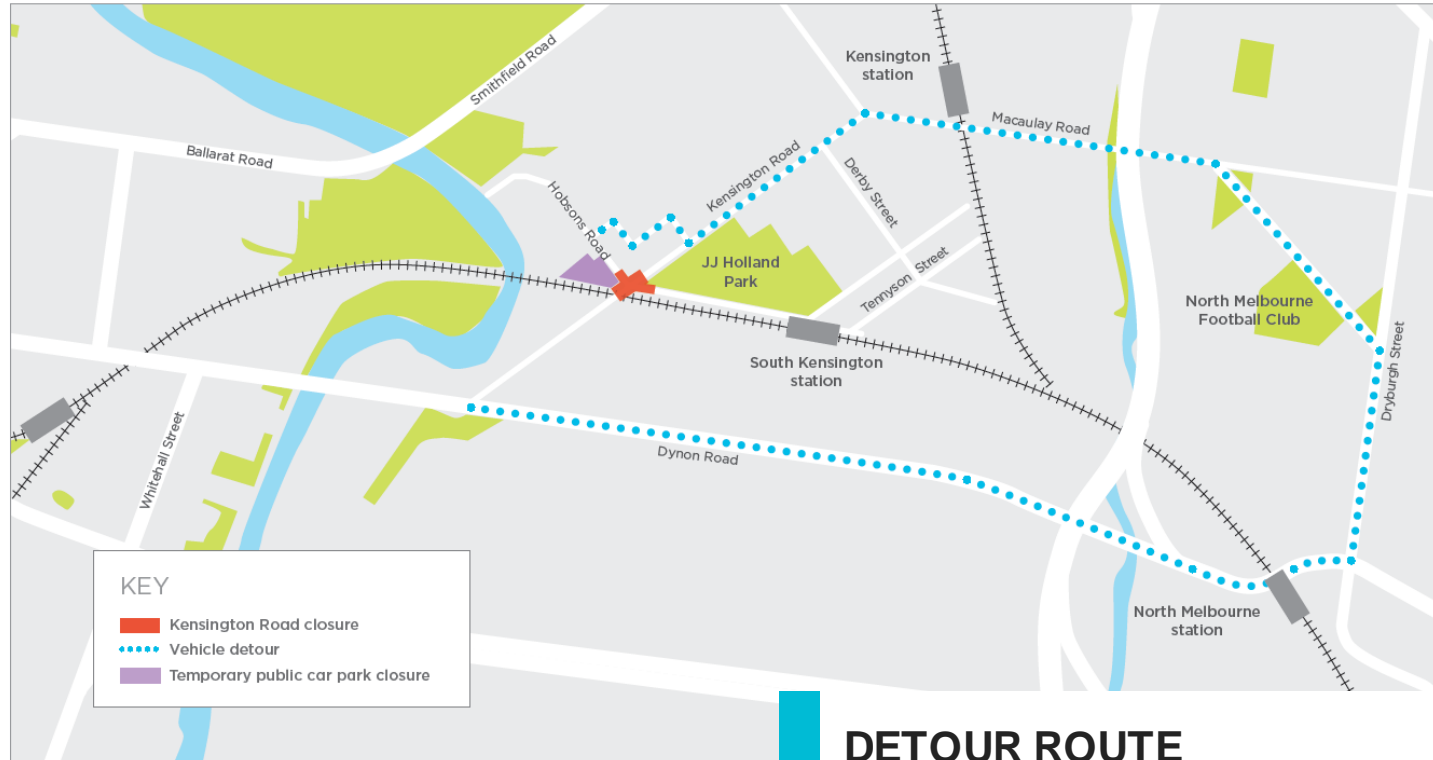
BENTONITE GANTRY REMOVAL

Traffic changes

- Kensington Road, Hobsons Road and Childers Street closed from 7pm, Tuesday 7 July until 5:30am, Wednesday 8 July
- PTV buses detoured from 7pm until last service, Tuesday 7 July (Detour via Moore Street, Ballarat Road/Smithfield Road and Epsom Road)
- Pedestrian and cyclist detours in place
- Full closure of Hobsons Road car park on Tuesday 7 and Wednesday 8 July
- Short term lane closures on Kensington Road and traffic management during days in preparation for closure
- Contingency road closures on Wednesday 8 and Thursday 9 July in case of bad weather



KENSINGTON ROAD CLOSURE
LOCAL VEHICLE ACCESS
7PM TUESDAY 7 JULY TO 5.30AM WEDNESDAY 8 JULY 2020



Indicative only

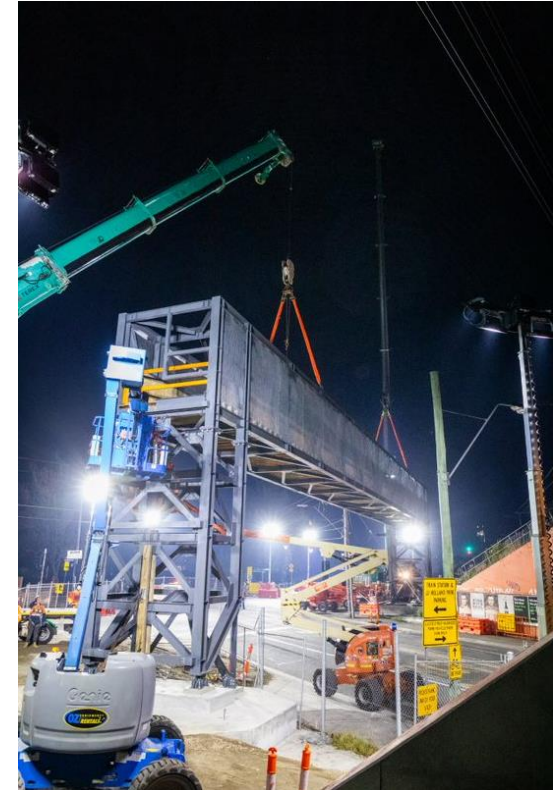
DETOUR ROUTE

Presenter: Niall Forbes

BENTONITE GANTRY REMOVAL

Communications Approach

- Works notifications provided to wider community
- Respite offers for directly impacted residents
- Tailored maps/brochures for businesses (LSBE, Kensington Road and Hobsons Road businesses)
- Variable Message Signs (VMS) in place prior to road and car park closure
- Contacting JJ Holland park users and Bicycle Network Victoria
- Shuttle taxi available for pedestrians during the closure
- PTV signage at bus stops and on buses



Presenter: Jarrod Scurry



PLANNING AND DESIGN

RIA DEVELOPMENT PLAN AMENDMENT TIMELINE

Activities	Timing
Public display period	Monday 4 May to Friday 22 May 2020
Submissions reviewed and responded	May/June 2020
Anticipated submission to Minister for Planning for approval	June 2020
Anticipated approval	July/August 2020



Presenter: Rachel Butler (RIA)

RIA DEVELOPMENT PLAN – ENGAGEMENT SUMMARY

Summary

- 2750 residents received letter box drop
- 11 submissions received
- 1000+ visits to Engage Victoria website
- 21,500+ social media interactions
- 39 attendees to the virtual community information session

Key Feedback Themes

- Drainage / floodplain management
- Parking
- Flood wall creative response (separate to the development plan amendments)



Western Portal Development Plan amendment

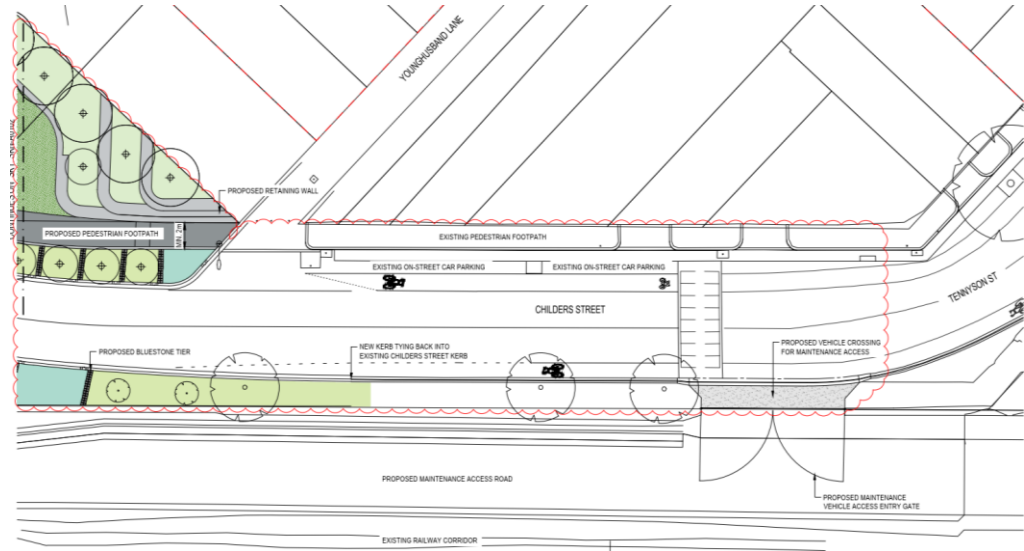
The Metro Tunnel Project seeks community feedback on proposed amendments to the Western Portal Development Plan.

Last updated **04 May 2020**

Presenter: Rachel Butler (RIA)

LEGACY PARKING

- RIA has sought to minimise loss of parking while balancing:
 - Improved landscaping opportunities
 - Safe access for cyclists and pedestrians
 - Diversity of parking (DDA)
 - Creation of station forecourt area and Ormond Street public space
- Current amendments focused on changes to parking between South Kensington station and Tennyson Street which:
 - Retains five on-street parking spaces in front of residential properties
 - Removes 3 parking spaces for a vehicle crossing
- Feedback received during the current process will be considered to ensure a balance between various requirements is achieved



FLOODWALL DESIGN TREATMENT

- Finalising creative design brief with the project curator
- **Design committee established to shortlist and select a designer (June/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



OTHER ITEMS?



Western Portal

South Kensington

Arden

Parkville

North Melbourne

Melbourne Central

State Library

Parliament

Flagstaff

Town Hall

Southern Cross

Flinders Street

Richmond

Anzac

South Yarra

Eastern Portal

Sunbury Line

Cranbourne / Pakenham Line