



SOUTH YARRA (EASTERN PORTAL) PRECINCT COMMUNITY REFERENCE GROUP

APRIL 2020

COVID-19 UPDATE

- Construction is continuing on the Metro Tunnel Project
- The health and safety of the community and our workers is our key priority
- We have strict protocols in place to protect the safety of our construction workforce and the community, including:
 - enhanced industrial cleaning arrangements
 - provision of personal protective equipment
 - measures to reduce staff contact to reduce contact between the workforce
 - RIA is running two pre-starts between 6am and 7am to ensure social distancing.





PROGRAM

CONSTRUCTION PROGRESS - RIA



TBM RETRIEVAL SHAFT

PROGRESS UPDATE



PROGRESS UPDATE



Base slab pour in Feb



Pre-assembly of shutters and waterproofing installation

UPCOMING WORKS

April – May construction Works:

- Demobilisation of the civil structures team, including removal of plant and equipment
- Tunnelling team takeover in May to start stub tunnel construction



TUNNELLING UPDATE

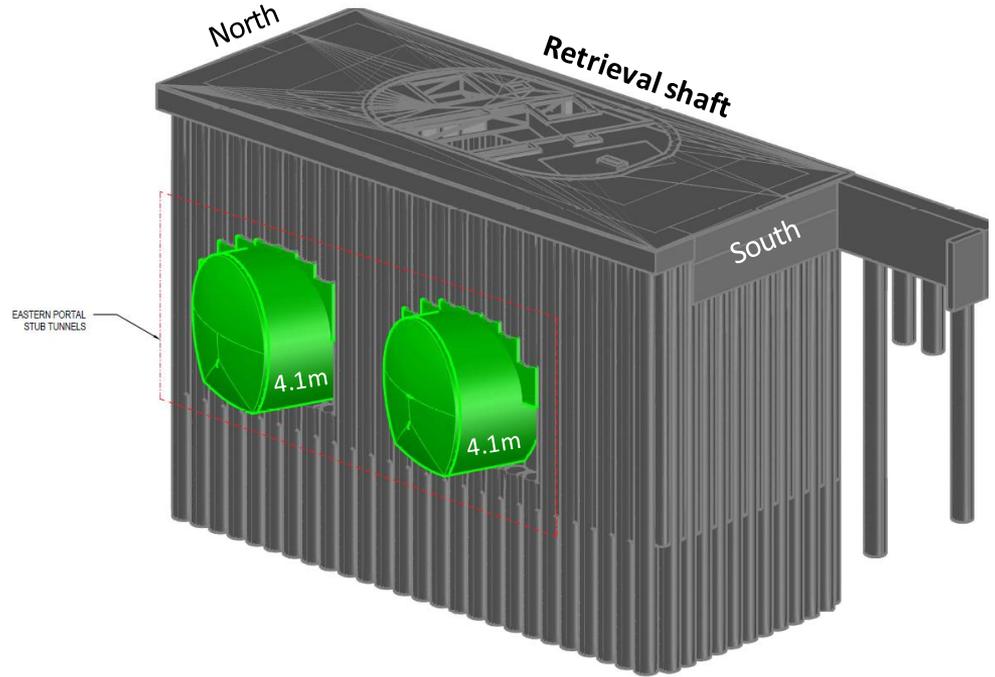
- Both TBMs are nearing completion in the Anzac station box
- TBM *Millie* is due to commence tunnelling in early May
- TBM *Alice* will continue testing and commissioning through April and is due to launch approximately four weeks after *Millie*



TBMs Alice and Millie preparing for launch

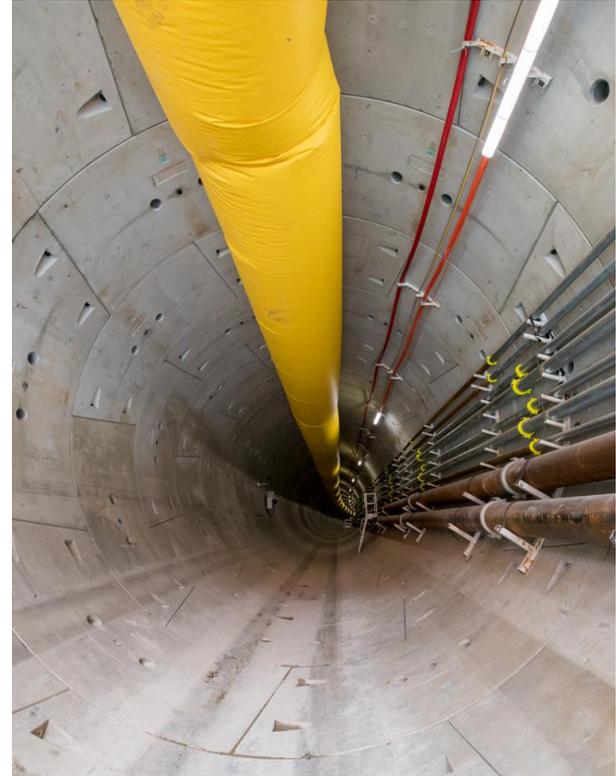
STUB TUNNEL CONSTRUCTION

- Two 4.1m long stub tunnels will be constructed prior to the TBMs breaking through
- These sections are constructed prior to TBM arrival, commencing in May
- The stub tunnels assist with TBM breakthrough and allow additional space for disassembly and retrieval
- Mined out using an excavator, whilst soil is removed using the gantry crane and loaded onto trucks on the surface



TUNNELLING UPDATE - TBM RETRIEVAL PLAN

- The TBMs will arrive at the retrieval shaft in late 2020 where they will be disassembled and transported via truck back to Domain
- These TBM parts are classified as oversized deliveries and will need to be transported between 1am and 5am
- The Tunnelling team are currently developing a plan for the disassembly and transportation of the TBMs
- Some TBM parts will be transported back through the completed tunnel to Anzac Station





CONSTRUCTION LOOKAHEAD

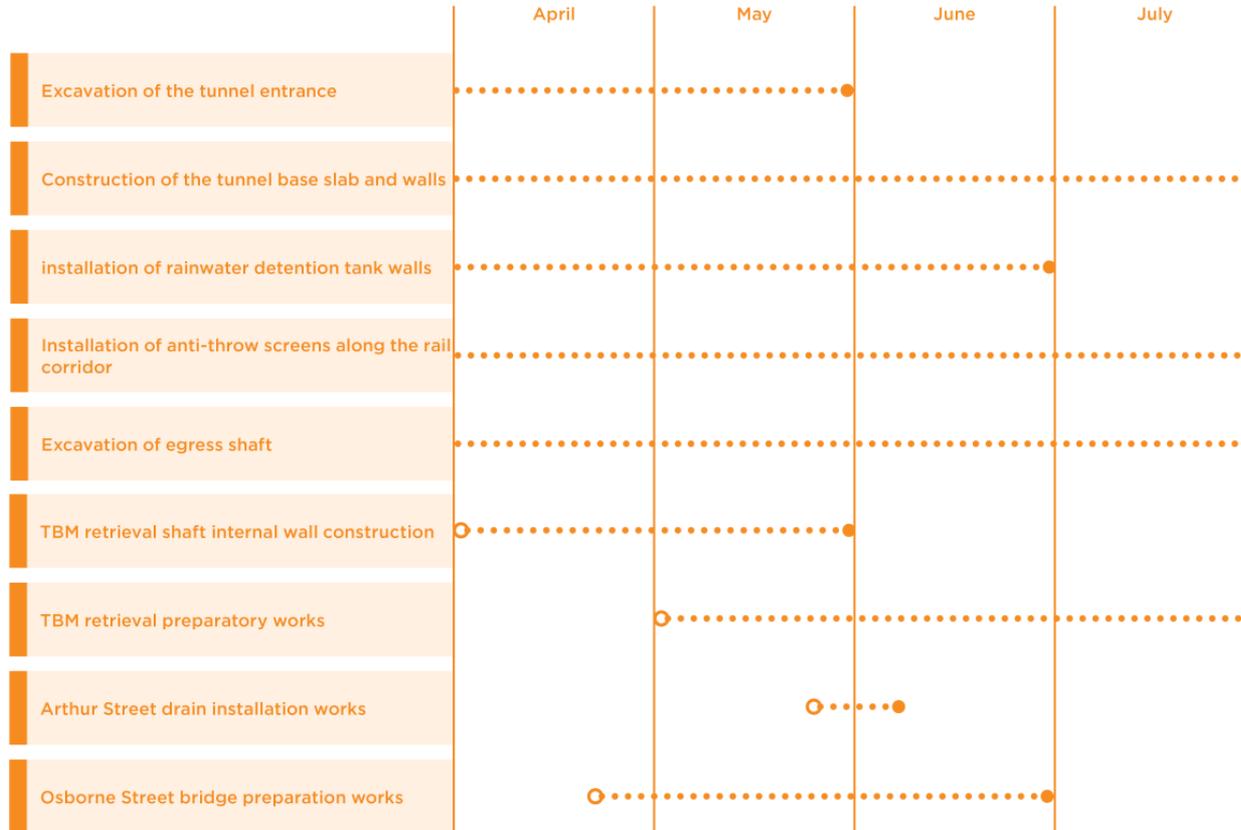
Ongoing works - South Yarra Siding Reserve

- Excavation, steel tying and fixing, waterproofing and concrete pours for the tunnel entrance
- Continued excavation of the egress shaft
- Osborne Street bridge foundation works

Upcoming works - South Yarra Siding Reserve

- Delivery and installation of the detention tank walls
- Installation of anti-throw screen along the rail corridor
- Installation of new drainage under Arthur Street

CONSTRUCTION LOOKAHEAD FOR 2020





COMMUNITY & COMMUNICATIONS UPDATE

COMMUNICATIONS

Recent and upcoming communications

- In late March, the April construction update was delivered to approximately 1,800 residents and businesses within the South Yarra area
- Several dedicated notifications regarding additional works between Malvern and Caulfield stations were also distributed
- The May monthly notification is expected to be distributed in late April



TRAFFIC AND TRANSPORT

UPCOMING TRAFFIC CHANGES

Arthur Street temporary closure

- In late May, Arthur Street will be closed for a period of time as we complete works to install new drainage that will connect to the tunnel entrance and egress shaft.
- Details are still to be confirmed, residents will be notified prior to works commencing.

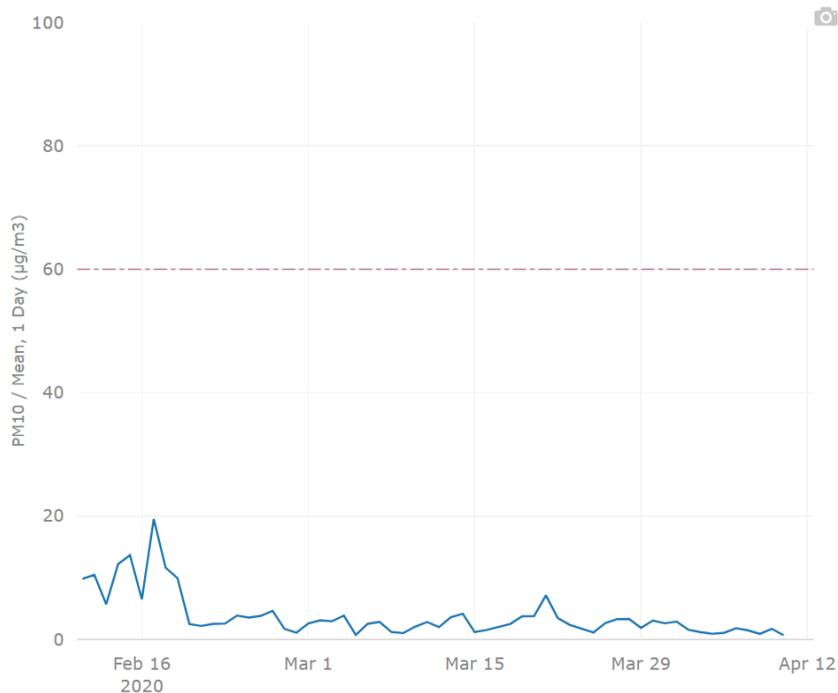




ENVIRONMENTAL MANAGEMENT

AIR QUALITY MONITORING

DEVICE DATA



Location:

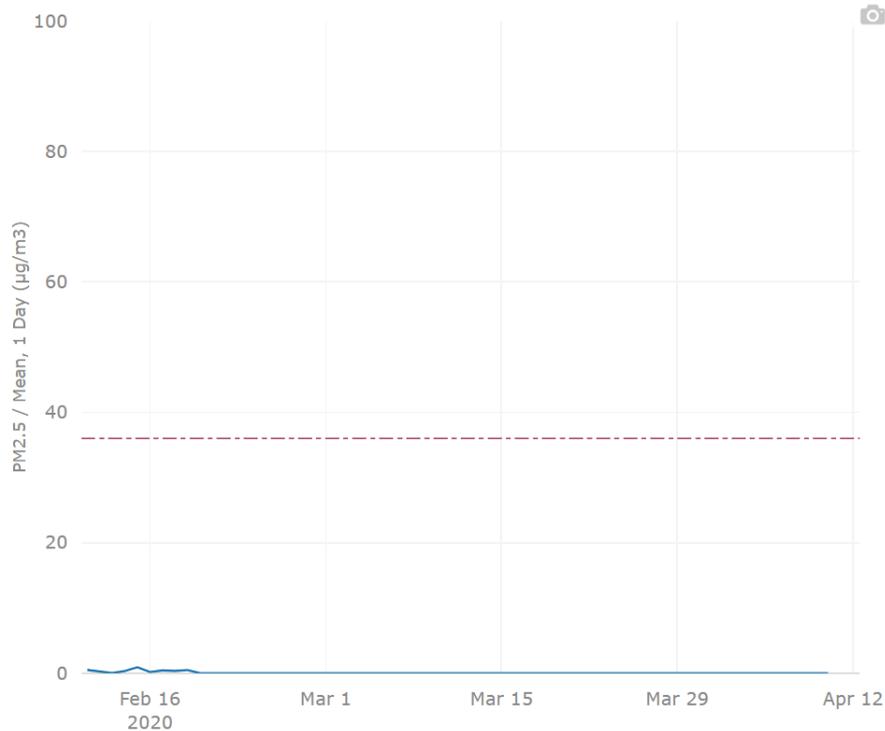
Osborne Street (PM10)

Date range:

February – April 2020

AIR QUALITY MONITORING

DEVICE DATA



Location:

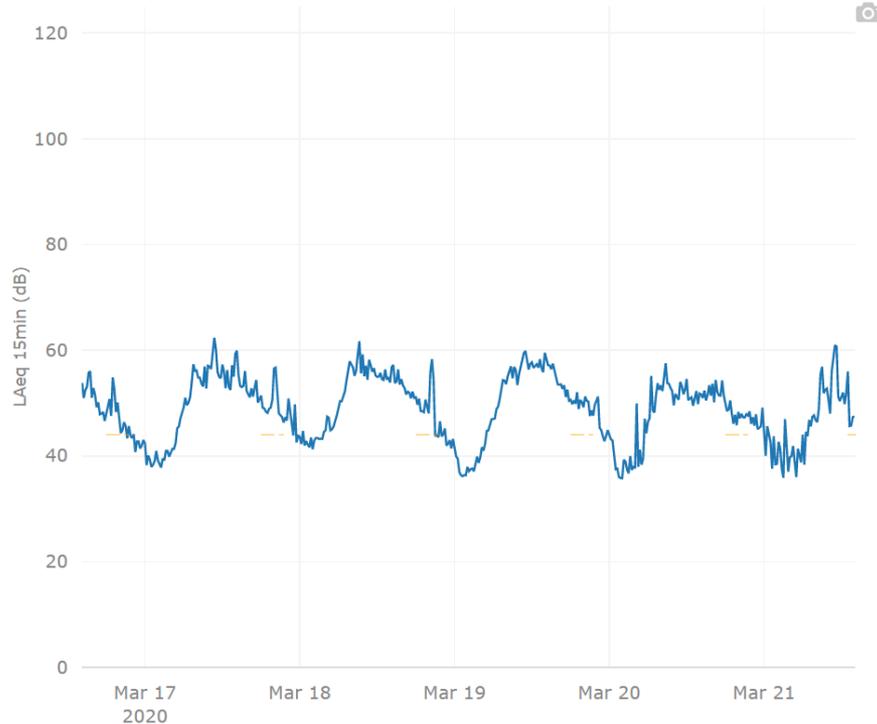
Osborne Street (PM2.5)

Date range:

February – April 2020

NOISE MONITORING

DEVICE DATA



Activity:

Strut Removal – Day works only

Location:

Arthur Street

Date Range:

19th March – 21st March

NOISE QUALITY MONITORING

DEVICE DATA



Activity:

Concrete prep works, formwork and reinforcement - Day Works Only

Location:

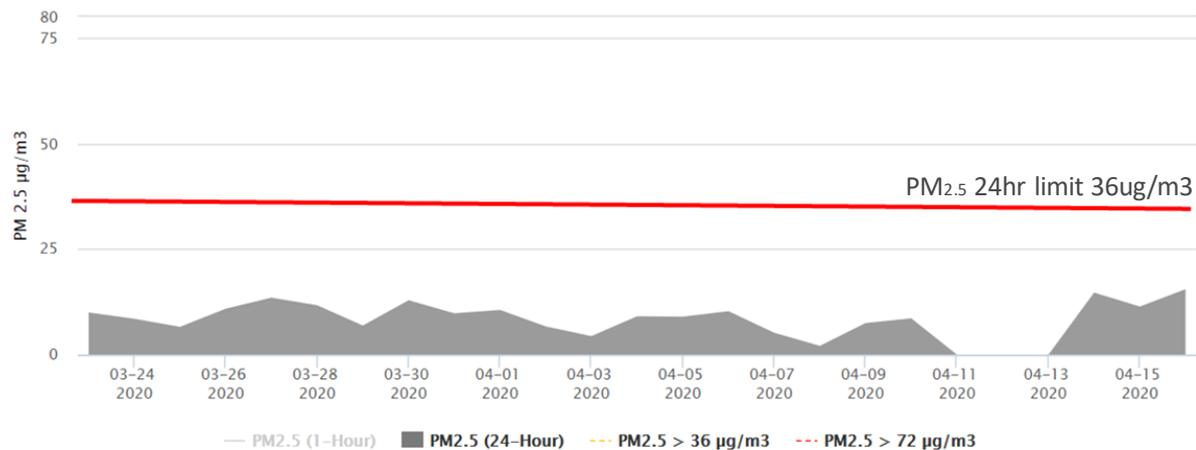
Osborne Street

Date Range:

13th April -17th April

AIR QUALITY MONITORING

Eastern Portal 2: PM 2.5 Graph



Location:

William Street

Date range:

23 March to 17 April

VIBRATION MONITORING

William Street vibration monitoring

- A monitor was set up at William Street from 3 February to 14 April 2020
- An alert was set at a low threshold of 5mm/sec to allow RIA to review any instances where nearby vibration exceeded this level.
- During the monitoring period there were zero events recorded above 5mm/sec.
- Upcoming works at the Eastern Portal are unlikely to trigger vibration levels that would cause any concern. We will continue to review upcoming works and will reinstate the vibration monitor as required.

Location:

William Street

Date range:

3 February to 14 April

NOISE MONITORING

Portland Place, South Yarra: Measured Noise Levels



Location:

Portland Place

Date range:

1 to 17 April



QUESTIONS?