



# SOUTH YARRA (EASTERN PORTAL) PRECINCT

## COMMUNITY REFERENCE GROUP

2 FEBRUARY 2021



# CONSTRUCTION PROGRESS

RIA

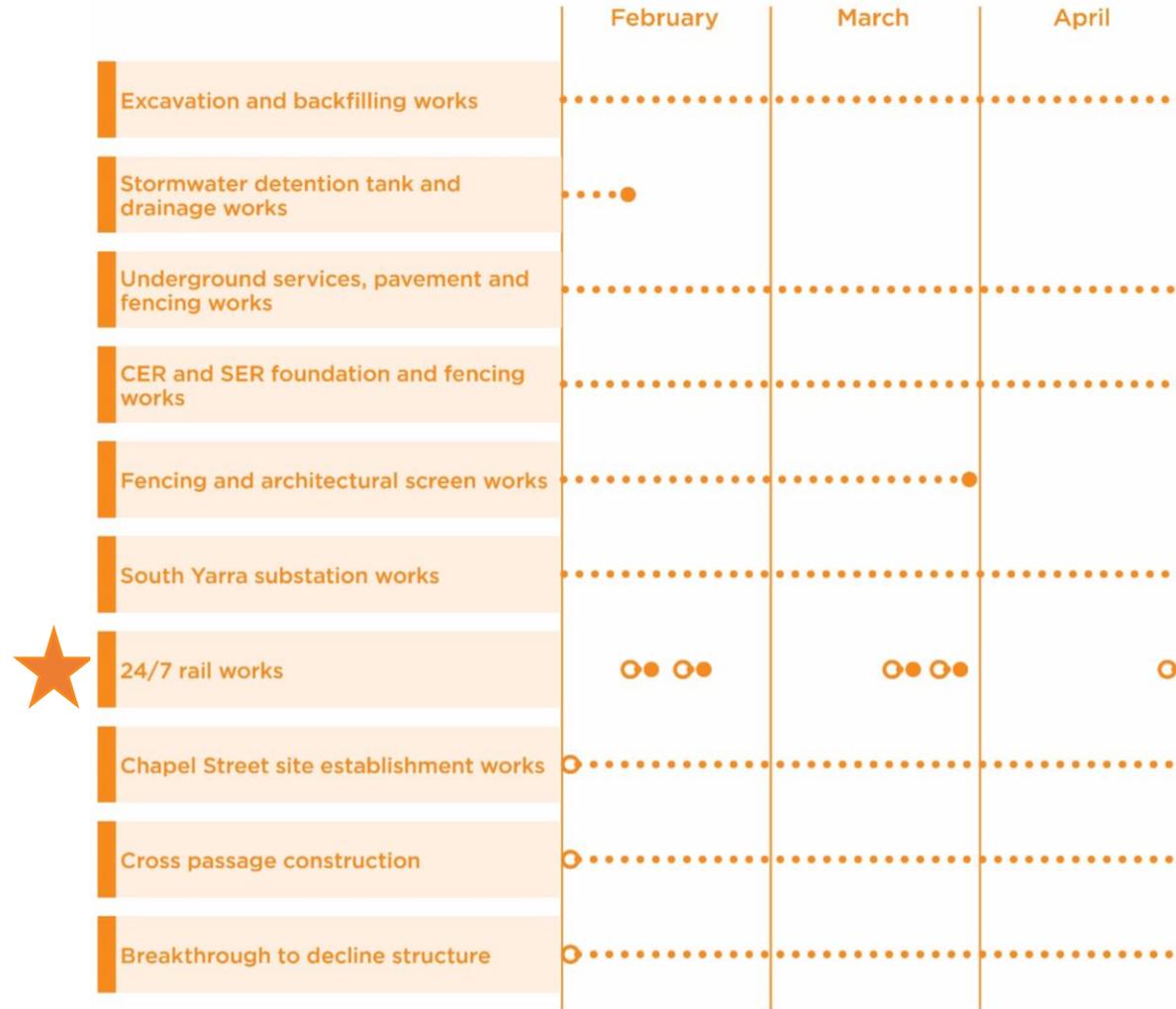


# PROGRESS UPDATE

CYP



# CONSTRUCTION LOOKAHEAD FOR 2021





# CONSTRUCTION UPDATE - CYP

# BREAKTHROUGH TO DECLINE STRUCTURE

CYP



- Work is commencing to break through the Eastern wall of the retrieval shaft into the decline structure
- Concrete saws will cut the wall before excavators with hammers demolish the wall
- This will merge the CYP and RIA worksites for the first time
- The breakthrough will help facilitate the cross passage works within the tunnels
- Use of the excavators will generate periods of high level noise



RIA side of breakthrough area

# CROSS PASSAGE CONSTRUCTION

CYP



- Work has commenced on cross passages in the East
- To construct a cross passage, a concrete saw is used to cut through the tunnel walls before using a small excavator to mine between the two tunnels
- Concrete is periodically sprayed on the excavation to provide stability as excavation progresses
- A waterproofing membrane is installed followed by steel reinforcement and concrete



Partially constructed cross passage in Western Precinct, waterproofing membrane and steel fixing



# COMMUNITY & COMMUNICATIONS UPDATE

# COMMUNICATIONS

Recent and upcoming communications



The February construction update will be delivered to residents and businesses and available online today or tomorrow.

Update includes information about upcoming works, including two short 24/7 rail occupations involving

- works on the Frankston / Dandenong lines between South Yarra and Caulfield stations from Friday 12 to Monday 15 February
- works on the Sandringham line between South Yarra and Windsor from Friday 19 to Monday 22 February



# TRAFFIC & TRANSPORT

Recent and upcoming traffic and transport changes



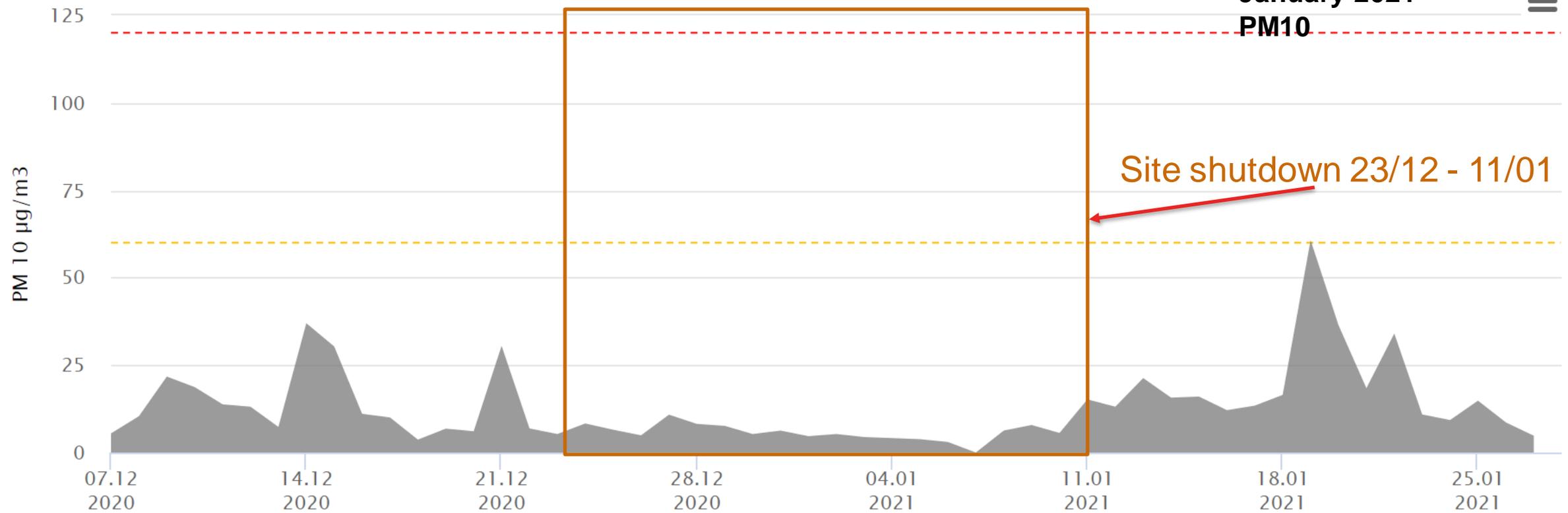
- No changes to services between Friday 12 to Monday 15 February
- Buses replace trains on the Sandringham line from Friday 19 to Monday 22 February
- Overnight delivery of a piling rig between Monday 23 and Tuesday 24 February via Toorak Road, William and Arthur streets



# ENVIRONMENTAL MANAGEMENT

Eastern Portal 2: PM10 Graph

William Street  
December 2020 &  
January 2021  
PM10



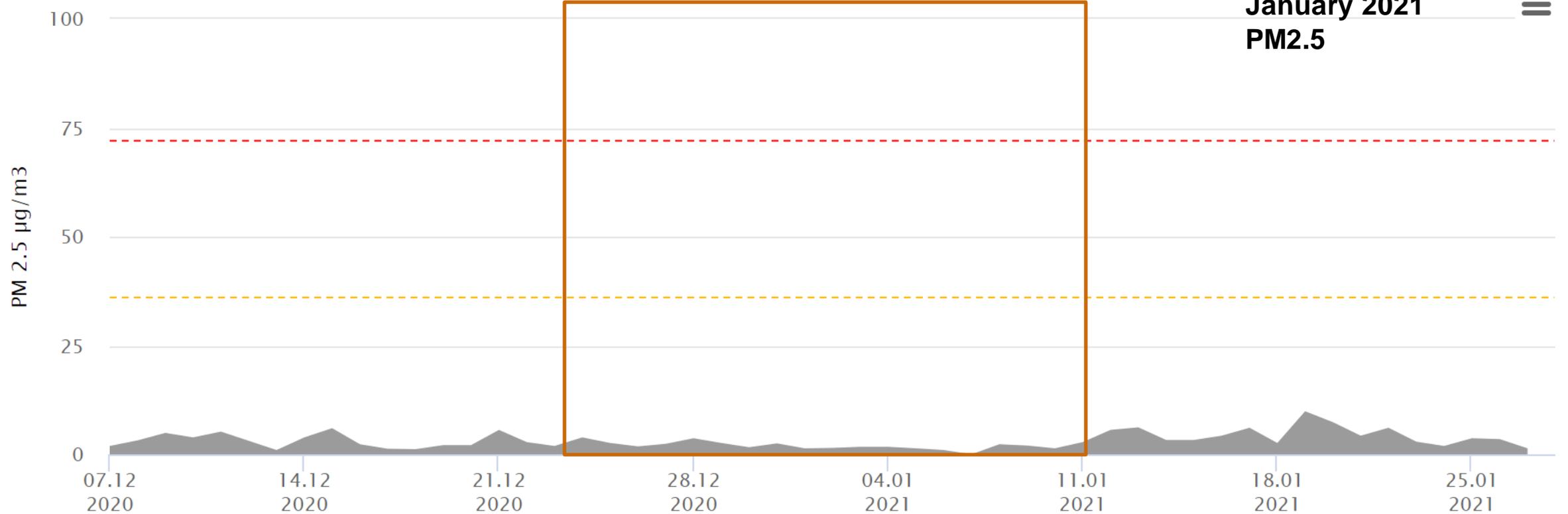
— PM10 (1-Hour) ● PM10 (24-Hour) - - - PM10 > 60  $\mu\text{g}/\text{m}^3$  - - - PM10 > 120  $\mu\text{g}/\text{m}^3$

# AIR QUALITY MONITORING



Eastern Portal 2: PM 2.5 Graph

William Street  
December 2020 &  
January 2021  
PM2.5



— PM2.5 (1-Hour) ● PM2.5 (24-Hour) - - - PM2.5 > 36  $\mu\text{g}/\text{m}^3$  - - - PM2.5 > 72  $\mu\text{g}/\text{m}^3$

# NOISE MONITORING



19 William Street, South Yarra: Measured Noise Levels

**William Street  
December 2020 &  
January 2021**



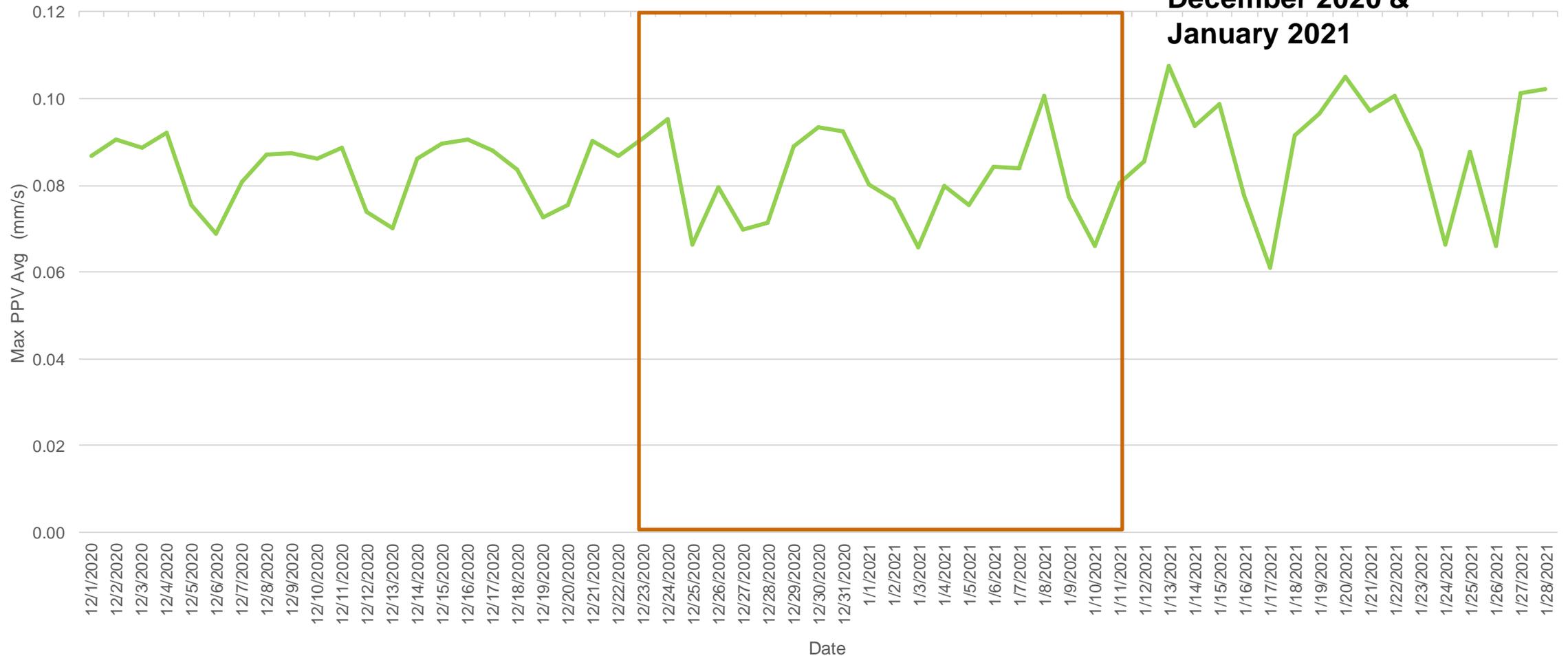
- Measured Noise Level [LAeq(15-min)]
- - - NV21 Management Measures Zone 4 (EP)
- - - NV21 Noise Affected Zone 4 (EP)
- - - NV21 RMIG Unavoidable night > 65 dBA
- - - NV21 RMIG Unavoidable night > 55 dBA
- ..... NV6 Evening and Night Zone 4

# VIBRATION MONITORING



Eastern Portal Vibration Levels (Dec 2020 & Jan 2021)

**Eastern Portal  
December 2020 &  
January 2021**





# DEVELOPMENT PLAN

- Updated development plan relating to the installation of a Communications Equipment Room (CER) and Signalling Equipment Room (SER) at 5 Chambers Street was approved by the Acting Minister for Planning on 8 January
- The approved plan and consultation summary relating to the amendment are now available on the [Metro Tunnel website](#)

# AMENDMENTS TO SIDING RESERVE AND OSBORNE STREET DESIGN



- Reconfiguration of South Yarra Siding Reserve to accommodate approved underground substation
- Update of tree layout at north end of Osborne Street



# KEY CHANGES



| Element             | Approved plan      | Proposed plan      | Change                   |
|---------------------|--------------------|--------------------|--------------------------|
| Siding Reserve size | 6307m <sup>2</sup> | 6374m <sup>2</sup> | <b>+71m<sup>2</sup></b>  |
| Trees               | 87                 | 100                | <b>+13</b>               |
| Planting area       | 2119m <sup>2</sup> | 1844m <sup>2</sup> | <b>-275m<sup>2</sup></b> |
| Lawn                | 1938m <sup>2</sup> | 2173m <sup>2</sup> | <b>+235m<sup>2</sup></b> |

# CURRENT AND PROPOSED DESIGN



**Current approved design**



**Draft proposed design**

- Initial conversations with City of Stonnington, adjacent residents and Community Reference Group in late January and early February
- Design refinement in February
- Broader consultation with South Yarra community for three weeks from early March:
  - online survey
  - further conversations with City of Stonnington, adjacent residents and Community Reference group
- Analysis and incorporation of feedback in late March and April
- Submission to DELWP / Minister for Planning in early May, with decision expected four to five weeks later

# GENERAL FEEDBACK AND ITEMS FOR FUTURE DISCUSSION

- Attendance to the South Yarra CRG has been low for some time
- The CRG Terms of Reference require that members are consistent with attendance
- RPV is undertaking a review of the CRG including format, content, day & time and membership
- RPV to send out a survey to CRG members to seek feedback regarding desire to remain on the CRG and feedback on current format and content
- New member recruitment drive in 2021



**Questions?**