



DOMAIN PRECINCT
COMMUNITY REFERENCE GROUP

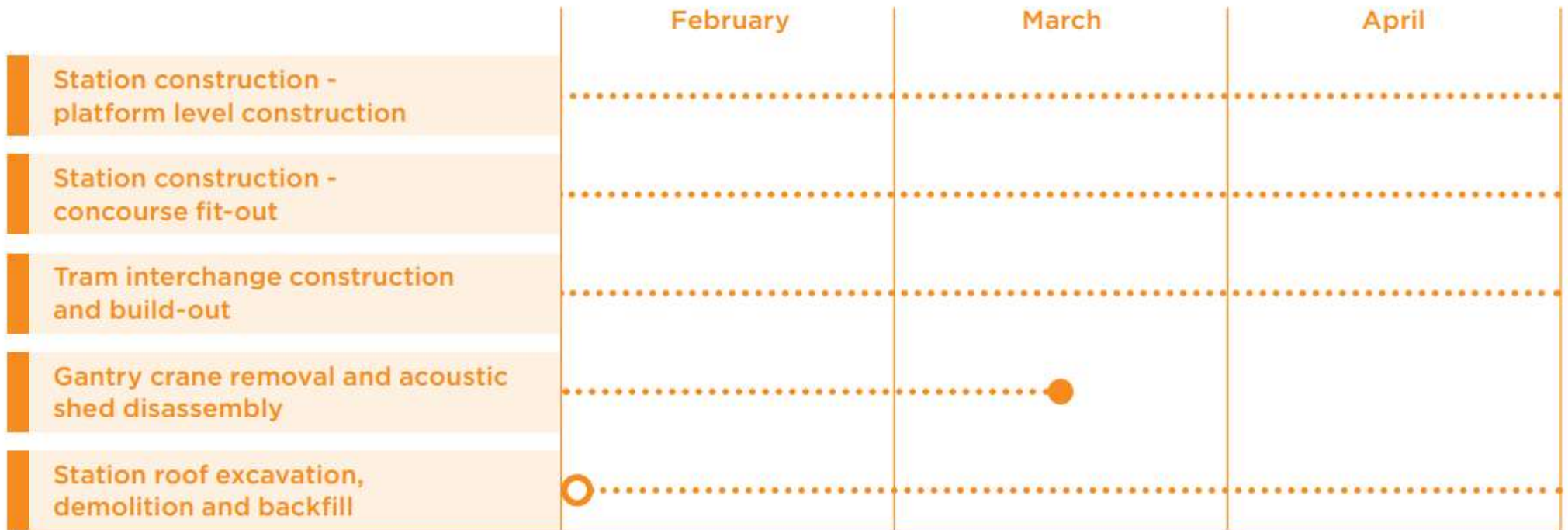
16 FEBRUARY 2022



WORKS UPDATE: LOOKAHEAD

WORKS UPDATE

2022 LOOK AHEAD





WORKS UPDATE: SERVICE INVESTIGATION WORKS

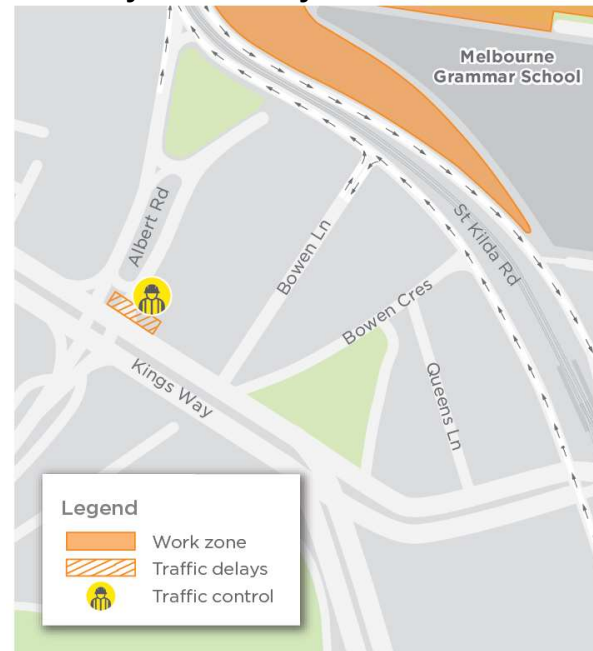
WORKS UPDATE

SERVICE INVESTIGATIONS



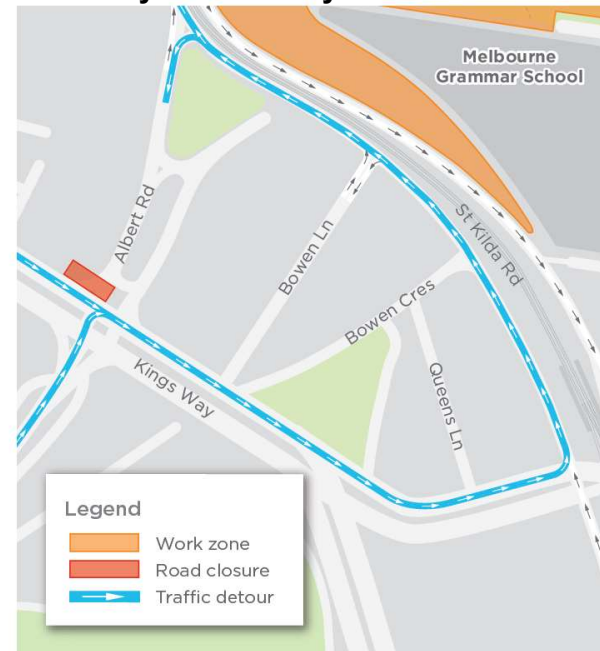
- Service investigations will be carried out across the precinct throughout the next 6 months
- These investigations will confirm locations of underground services prior to works and to inform design
- Albert Road service investigations is the first of these works on **Saturday 19 February** and **Saturday 26 February**
- Service investigation on Park Street will be next. This will require the closure of the left turn from St Kilda Road into Park Street for one day
- Notification will be provided in advance of these Park Street works as it will impact Hallmark driveway access

Saturday 19 February



Indicative only

Saturday 26 February



Albert Road Service Investigation Works



WORKS UPDATE: TUNNEL WORKS

CROSS PASSAGES AND INVERT WORKS COMPLETED TUNNELS



- Invert concrete work between Anzac Station and Town Hall Station is complete
- Crews finished demobilising from the tunnels earlier this month
- Tunnel fit-out works are well underway between Anzac Station and Eastern Portal
- Later this month additional rail tunnel fit-out gantries will be delivered to site. As they are oversized vehicles they will be driven into site during the night and unloaded after 7am.



Completed invert concrete leading to Anzac Station



WORKS UPDATE: STATION CONSTRUCTION

WORKS UPDATE

TRAM INTERCHANGE



- Underground D-wall panel demolition is complete. Only minor trimming works remain
- The installation of L-shaped precast panels is complete. These are installed on the underside of the oculus. Flat panels will continue to be installed beneath the L-shaped precast
- The public stairs, lift shaft frames and pedestrian bridges across the oculus have now been installed.

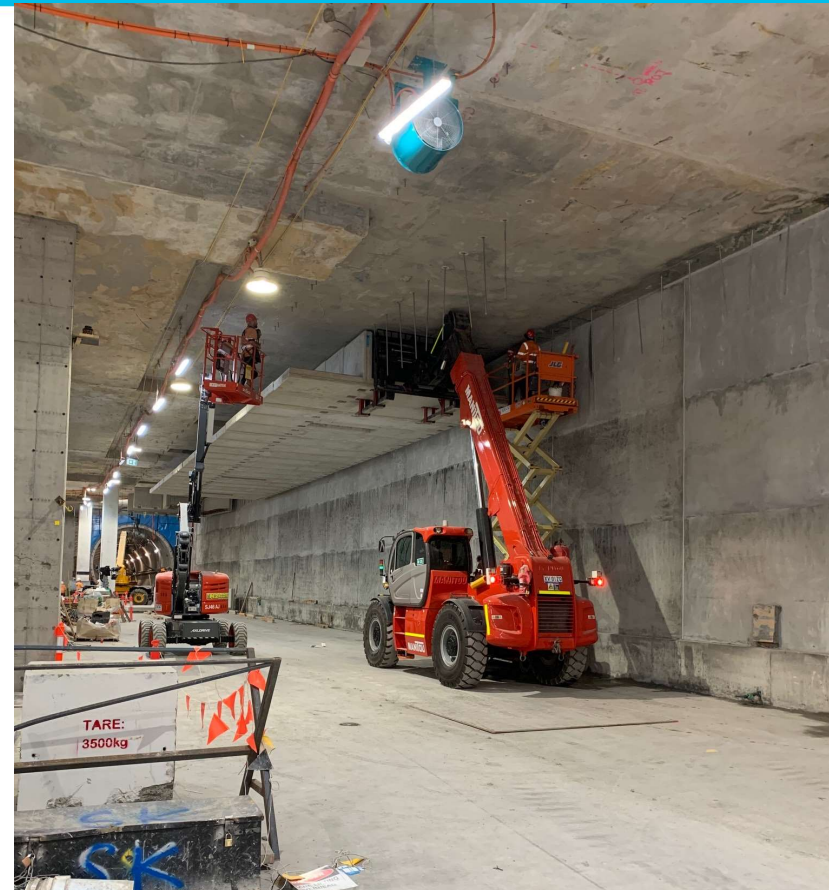


WORKS UPDATE

PLATFORM LEVEL (SOUTHERN END)



- The final section of the base slab was poured in the south box just before the Christmas break
- The temporary plunge columns that supported the station box can now be removed
- Construction of fireproof walls along the station box continues
- The first sections of the precast concrete Over Track Exhaust (OTE) ducts have been installed
- Precast sections of the future station platforms will follow shortly.



The first OTE panels installed as headwall works continue

WORKS UPDATE

PLATFORM LEVEL (NORTHERN END)



- Works are now complete on the tunnel invert between Anzac Station and the CBD
- This will see works ramp up on the construction of the station infrastructure at platform level.
- Both headwalls, which connect the tunnel structures to the station box can now be completed
- The fire escape stairwell at the northern end are also being constructed.



WORKS UPDATE

CONCOURSE LEVEL (SOUTH END)



- The back of house area at the southern end of the concourse is quickly taking shape, with crews painting and finishing rooms
- In March, HV equipment will be installed, which will provide power to the operating trains



Internal rooms taking shape

WORKS UPDATE

CONCOURSE LEVEL (NORTH END)



- The D-wall demolition between the tram box and the station box is now complete
- Blockwork has now begun in the northern end of the concourse, similar to the work at the southern end.

Demolished D-walls and L-shaped precast panel installation

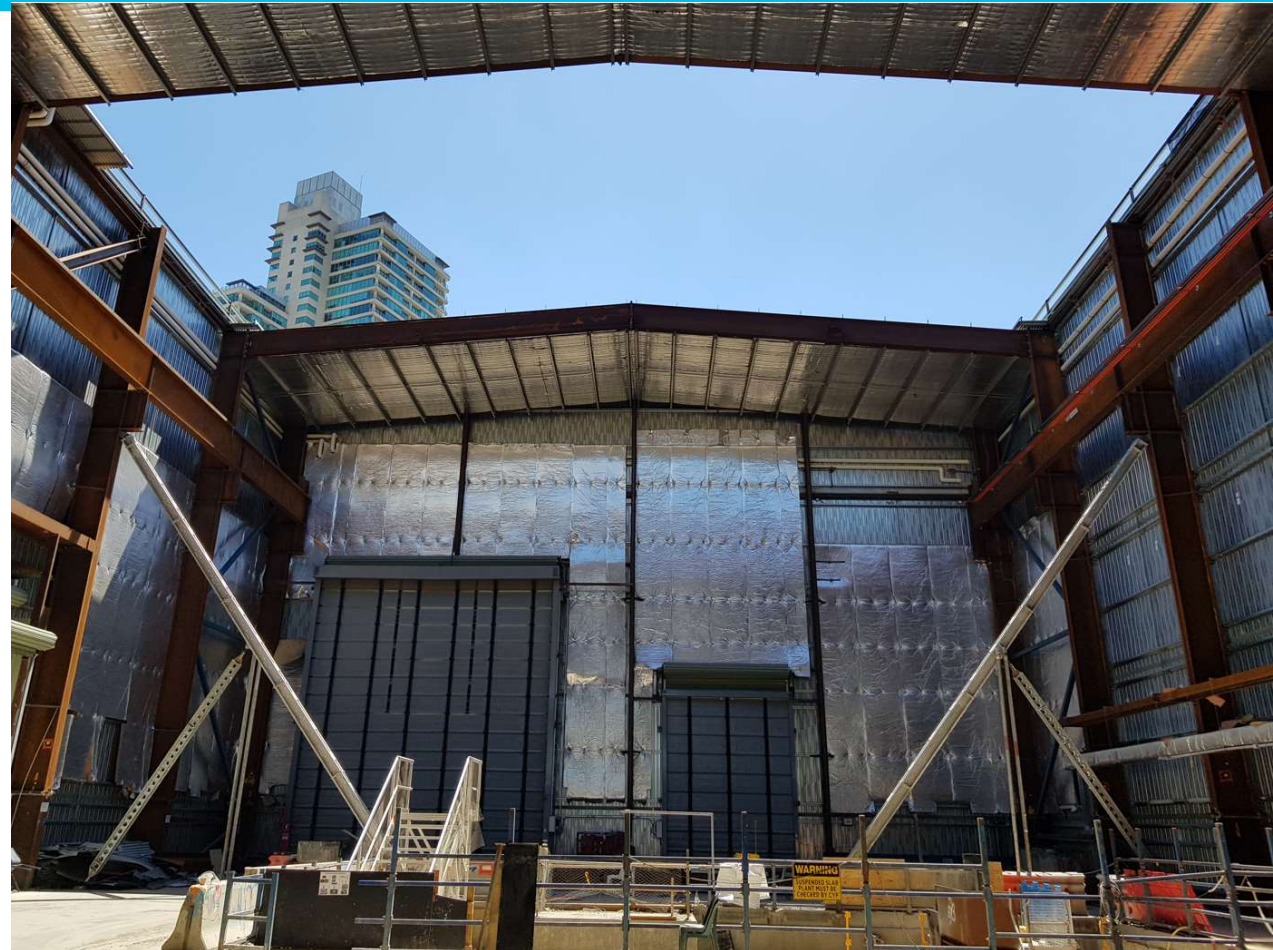


WORKS UPDATE

SHED REMOVAL



- The three gantry cranes have been removed from the acoustic shed and removed from site
- Shed demolition has now ramped up with excavators pulling down sections of the acoustic shed
- The shed demolition will be complete by early March
- The acoustic shed removal will mean the start of the surface works at Anzac Station.



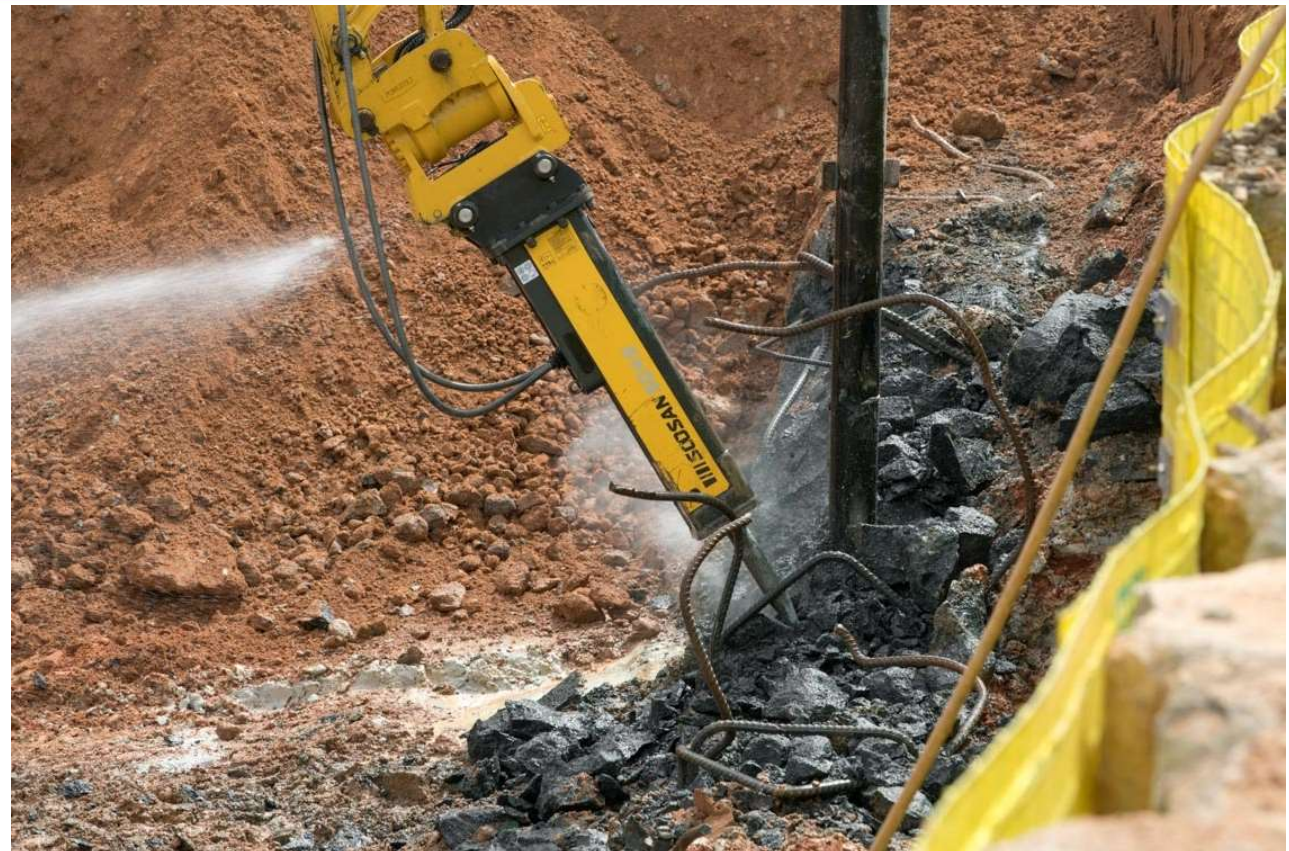
WORKS UPDATE

SURFACE WORKS



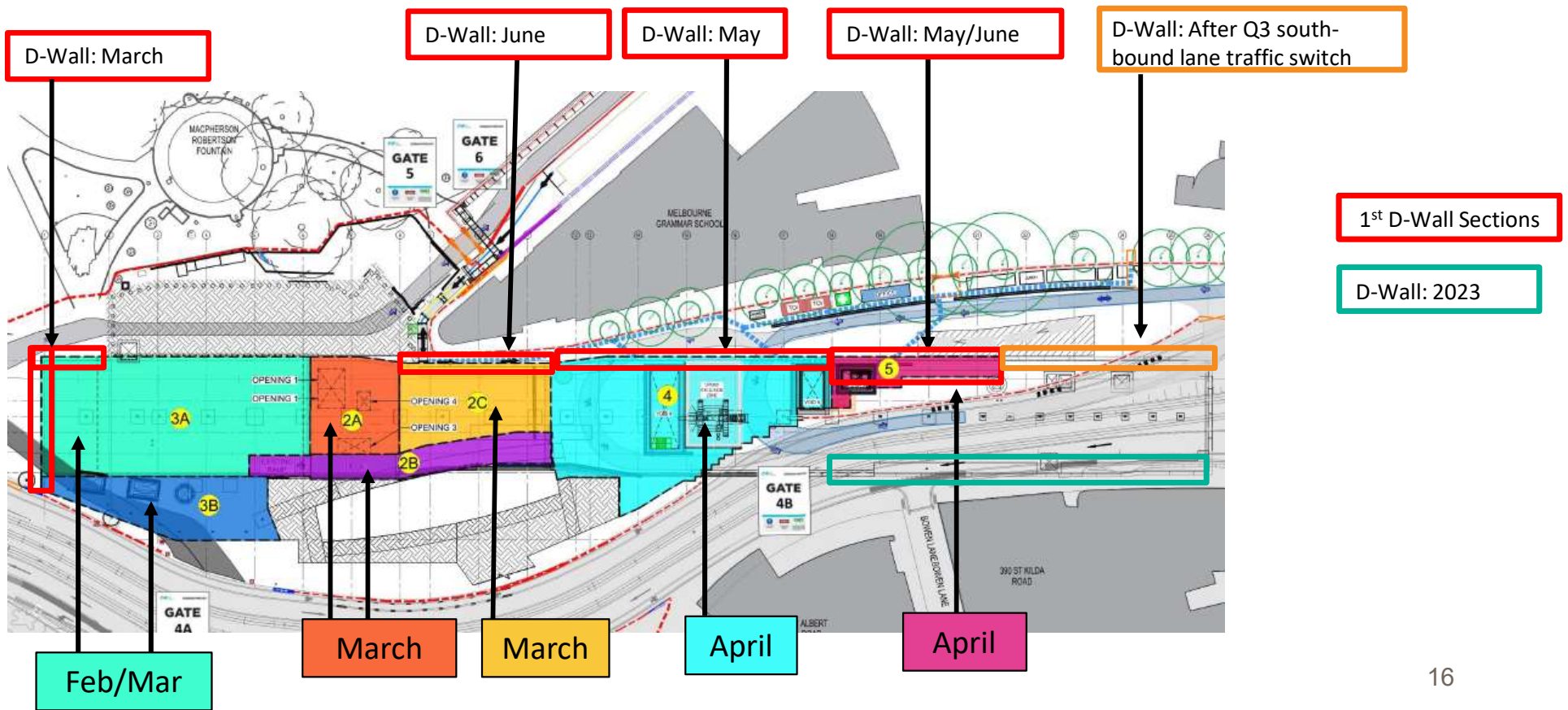
From March, surface works on top of the station roof commence. This includes:

- Break out of temporary working surfaces
- Excavation and disposal of temporary backfill
- Breaking D-walls back to roof level
- Waterproofing the station roof
- Installing services on station roof and backfilling (includes the use of vibrating rollers)



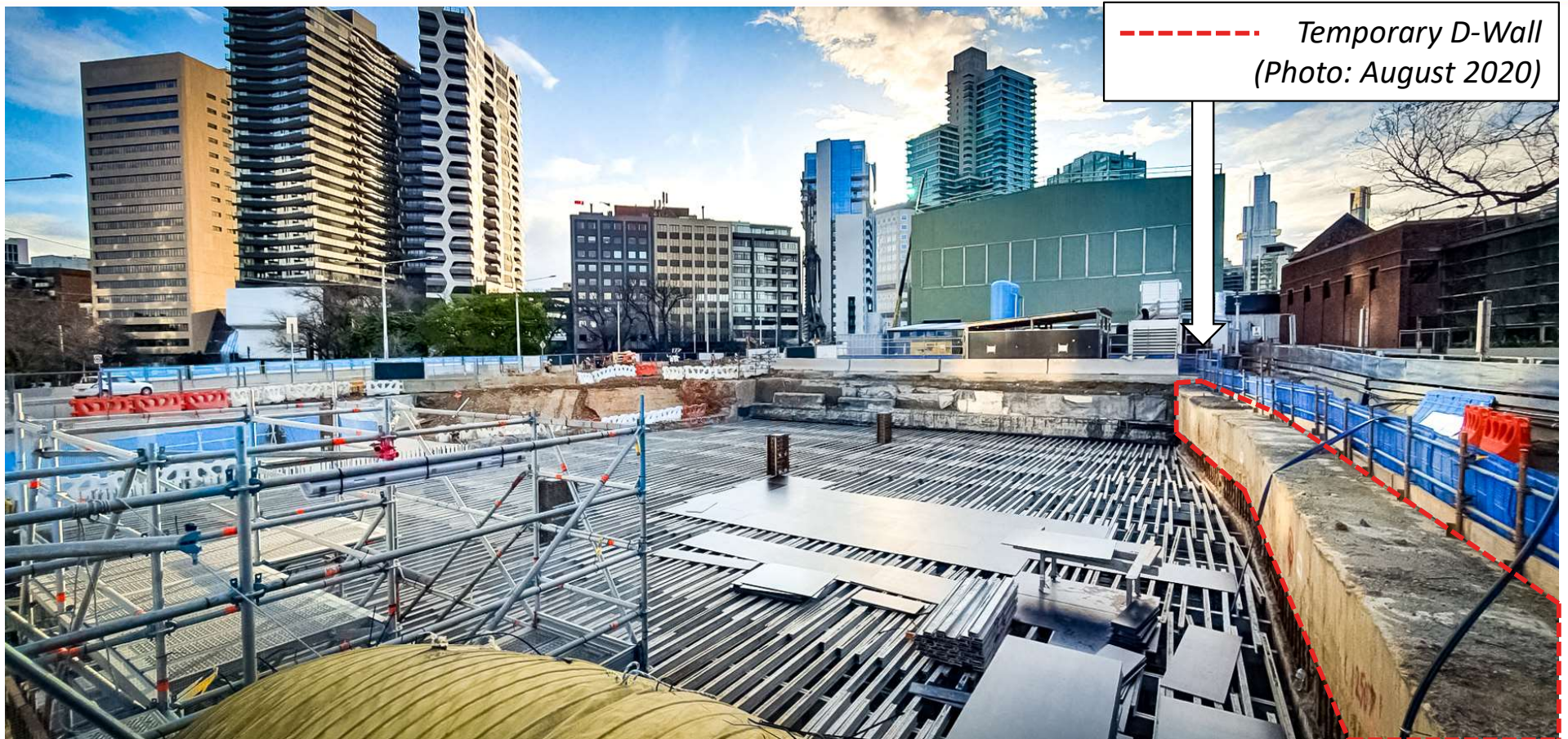
WORKS UPDATE

WORK AREA BREAKDOWN - SURFACE WORKS START DATES



WORKS UPDATE

ANZAC STATION AERIAL



--- Temporary D-Wall
(Photo: August 2020)

WORKS UPDATE

SURFACE WORKS SEQUENCING



Activity*	Potential Impacts	Duration
Break up of temporary slabs	Noise	1-2 weeks
Excavate	Dust	1 week
Waterproofing and roof patching	N/A	1 week
Delayed pour strip	N/A	1 week
Partial Backfill	Dust/Vibration	1 week
Demolish D-wall	Noise	2 weeks
Final backfill	Dust/Vibration	1 week

*Note: Activities in each individual work area may overlap



ENVIRONMENT

ENVIRONMENT

SURFACE WORKS – NOISE MODELLING



- D-wall demolition presents the highest noise level during the surface works
- All D-wall demolition will occur during normal working hours (7am - 6pm Mon to Fri and 7am – 1pm Saturdays)
- During school hours, hammering will be scaled back to comply with Environmental Performance Requirements for Melbourne Grammar School

D-Wall Demolition Noise Modelling (dBa)				
<u>Receiver</u>	<u>Scenario</u>			
	2A and 3A	2C	4 and 3B	4 and 5
Hallmark	70	61	71	62
Domain Hill	71	64	71	65
Domain	67	70	75	76
Botanica	55	59	63	71

ENVIRONMENT

D-WALL DEMOLITION – NOISE MITIGATION



- Excavator mounted hammers are a known high impact activity and mitigation measures have been investigated
- Saw cutting trial – both D-Wall and surface breakout
- Hammer sleeve to be trialled through during Stage 3A
- Respite will be available for impacted residents via the projects 1800 number



D-wall demolition – tram interchange to concourse

ENVIRONMENT

MITIGATION MEASURES - VIBRATION



- The use of vibrating rollers will be required during the backfilling of the station roof
- As this is the final legacy backfill, certain compaction requirements must be met
- Respite will be available for impacted residents via the projects 1800 number



ENVIRONMENT

MONITORING – 10PM WORKS



- The removal of the gantry crane from the acoustic shed means that cranes on the surface now lift until 10pm each night
- All activities running after 6pm are closely monitored to ensure compliance with NV6
- In April or May this crane will leave site and be replaced with a smaller crane further to the north

Crane lift log

Date	Daytime Lifts		Evening Lifts	
	In	Out	In	Out
Tue 8 Feb	59	9		
Wed 9 Feb	53	8		
Thu 10 Feb	25	15	12	2
Fri 11 Feb	50	32	17	4
Sat 12 Feb	33	1		
Mon 13 Feb	50	5	5	8

WORKS UPDATE

ANZAC STATION AERIAL





CREATIVE PROGRAM



COLLECT A SEEDLING AND COFFEE IN ALBERT ROAD RESERVE
POP-UP PARK





QUESTIONS?