

DOMAIN

COMMUNITY REFERENCE GROUP

16 June 2021



CYP UPDATE

WORKS UPDATE

2021 LOOK AHEAD



	June	July	August	September
TBM retrieval and tunnelling support site demobilisation				
Station box Concourse level construction				
Tram interchange construction				
Station box excavation to base level - southern end		●		
Station box base slab construction - southern end	○			
Cross passage construction		○		
Strut removal	○			●
D-wall demolition	○			

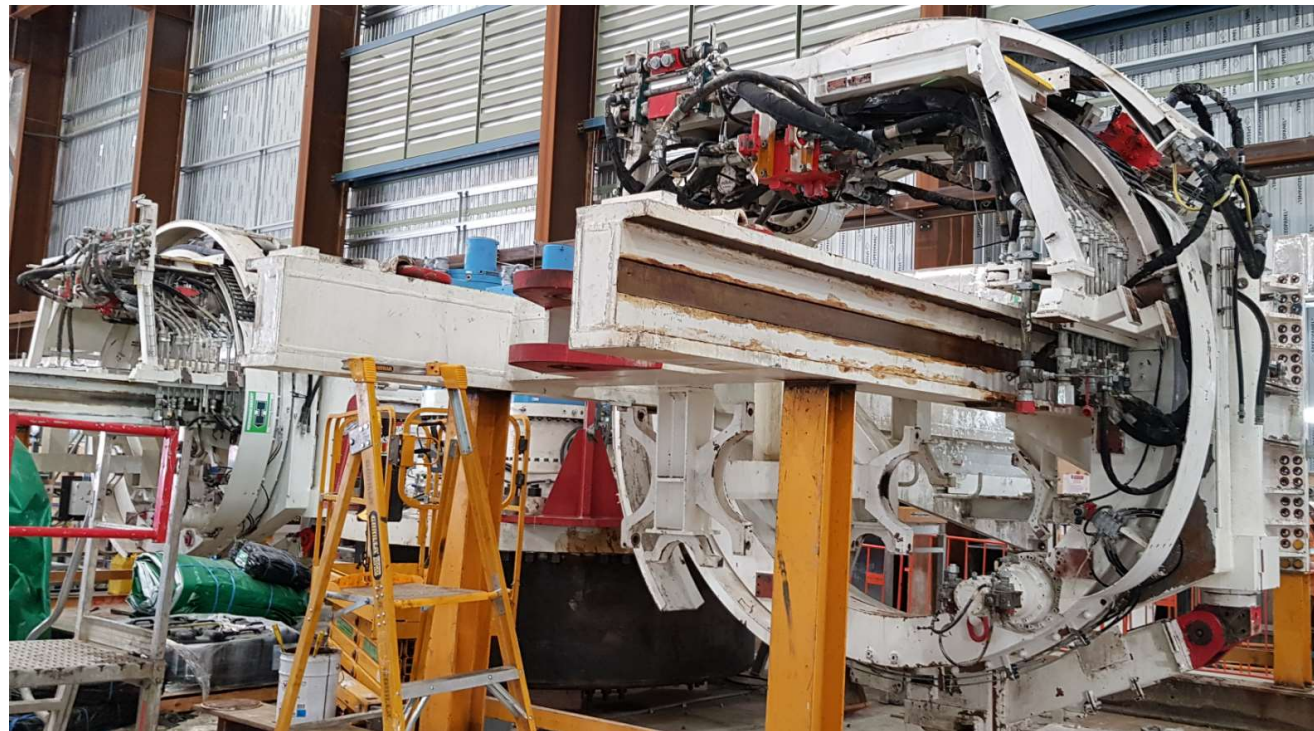
All dates current at the time of publication, however are subject to change.

WORKS UPDATE: TUNNELLING

EDMUND HERRING OVAL AND TBM DEMOBILISATION



- TBM Millie is now fully demobilised and has been removed from the tunnels.
- Removal of Millie's TBM shield is ongoing at CBD South
- TBM Alice has all the rear gantries removed with the main drive to be removed this week
- Decommissioning of the slurry treatment plant is complete
- Works to clean and prepare the equipment for removal from site is ongoing



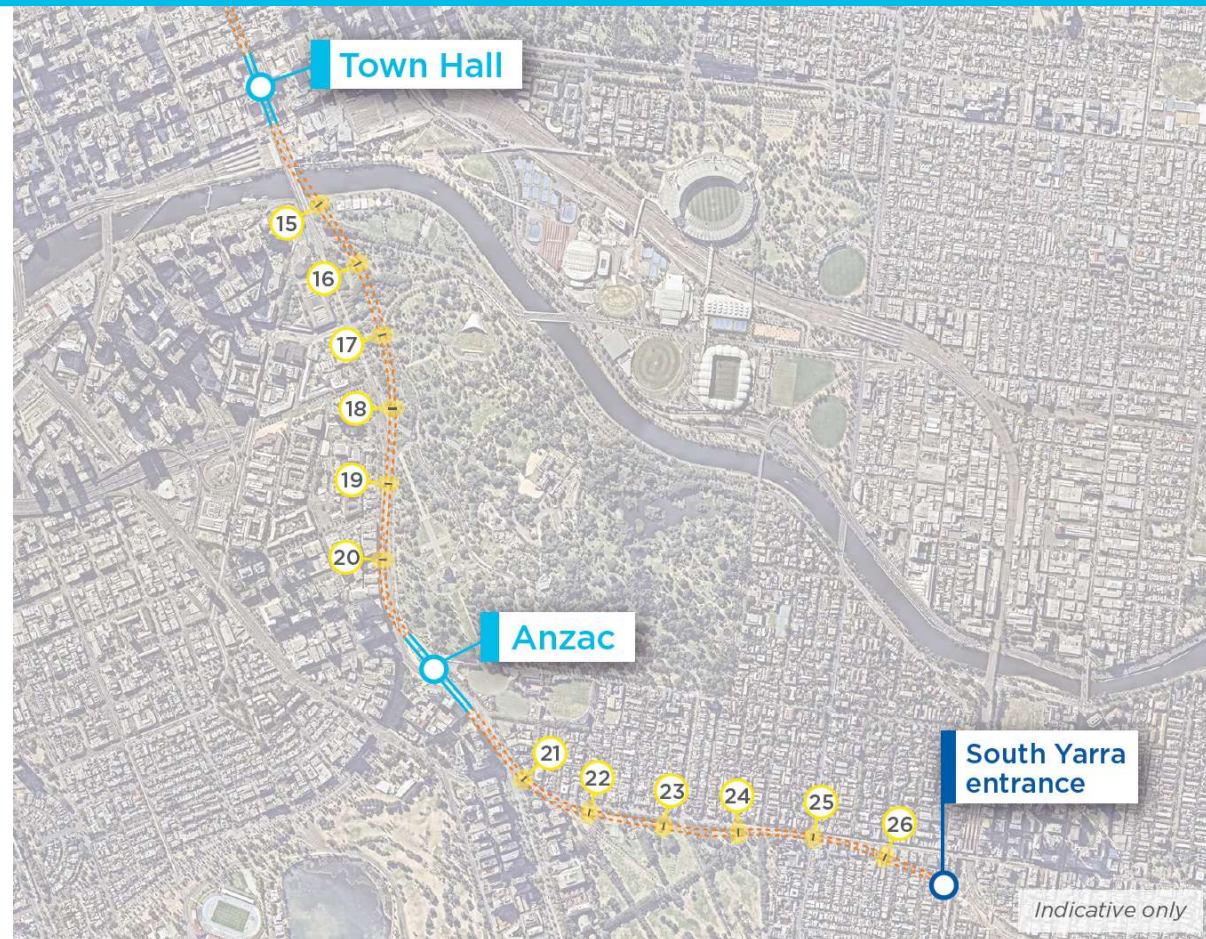
Dismantled TBM pieces in the acoustic shed

WORKS UPDATE

CROSS PASSAGES



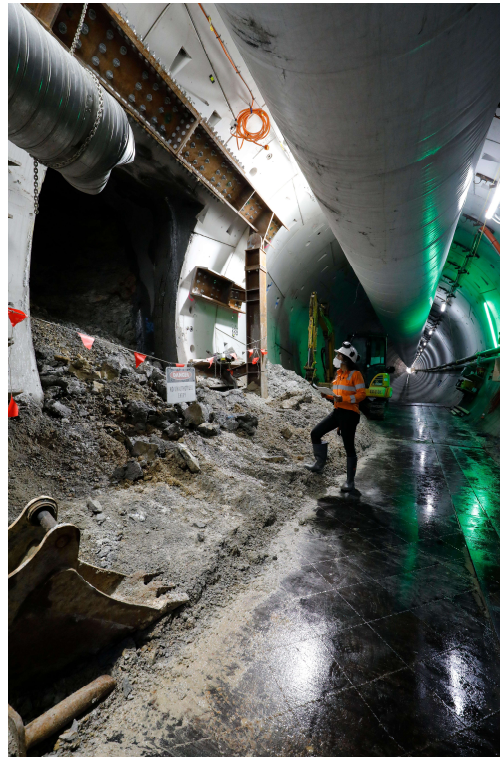
- Excavation is now complete on all six cross passages between Anzac Station and Eastern Portal
- First stages of concrete works and tunnel invert construction have commenced
- Mobilisation work is now underway for the six cross passages between Anzac Station and Town Hall Station
- Excavation on the first cross passage towards the CBD will commence next week.



CROSS PASSAGE CONSTRUCTION



Cross passage shotcreted before permanent lining works completed



Excavation underway at cross passage 26



Steelfixing installed before concrete linings can be poured



WORKS UPDATE: STATION CONSTRUCTION

WORKS UPDATE

SOUTH BOX BASE SLAB CONSTRUCTION



- Excavation and removal of the sacrificial tunnel in the southern end of the south box is complete
- Preparations are underway for the base slab
- The base slab will be done in sections, working from south to north, with works 24/7 underground
- Formwork and concrete pours will continue on the internal columns and walls until the end of 2021.



Preparation has begun for the south box base slab

WORKS UPDATE

SOUTH BOX BASE SLAB CONSTRUCTION



(Time Lapse of south box excavation)

TEMPORARY D-WALL DEMOLITION

BETWEEN NORTH BOX AND SOUTH BOX



- Later this month, the temporary D-wall separating the south box and north box will be removed
- This will connect the entire station box for the first time
- The temporary D-wall is beneath the concourse and roof slabs
- The rubble from the demolition will be lifted out of the void in the south box to be removed from site.



Northern end of the south box – Remaining excavation and demolition

WORKS UPDATE

SOUTH BOX CONCOURSE CONSTRUCTION



- Directly above the base slab, work is underway on the internal rooms at the concourse level
- These rooms will serve as a 'back of house' section of the new station
- The station fitout works will commence in this section early in August



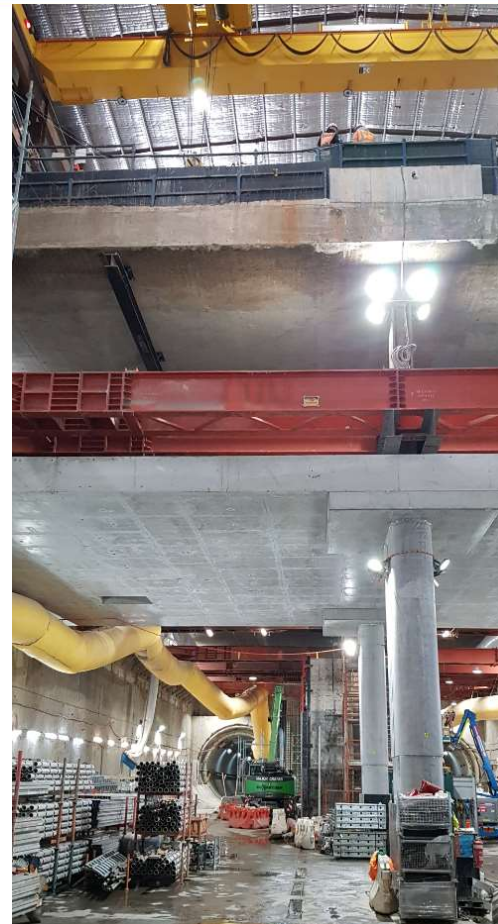
Construction of internal rooms at the concourse level

WORKS UPDATE

NORTH BOX



- The completed sections of the concourse level now acts as the horizontal support for the station box
- This allows the first of the red temporary support struts to be removed from the north box
- Works on the concourse, internal columns and lift core are underway at the northern end of the station box
- These works are occurring day and night inside the north box



Roof slab, concourse level and platform level in the north box

WORKS UPDATE

TRAM INTERCHANGE



- The final section of the tram interchange base slab will be poured early next week
- Lining walls and columns are underway to support the roof which is due to start later in June
- Once the base slab is finished the team will open up the first section of D-wall separating the tram interchange and the north box
- These works will involve saw cutting and demolishing sections of the north box D-wall
- This allows columns to be constructed before work continues on the demolition of the remaining D-Wall



View from inside the tram interchange

WORKS UPDATE

D-WALL DEMOLITION



- All demolition of the D-walls will take place during the day
- The team will first saw cut the section to be removed, before using excavators with breakers to demolish the D-wall
- At times these works will generate periods of high level noise

Stage 1 (Blue)

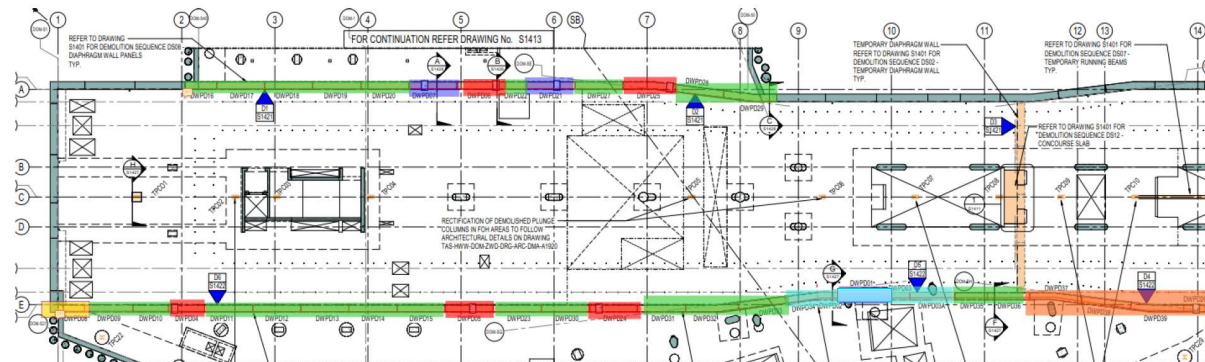
- Late June to Early July

Stage 2 (Red and Purple)

- August to September
- Includes construction of structural columns

Stage 3 (Green and Orange)

- September to October

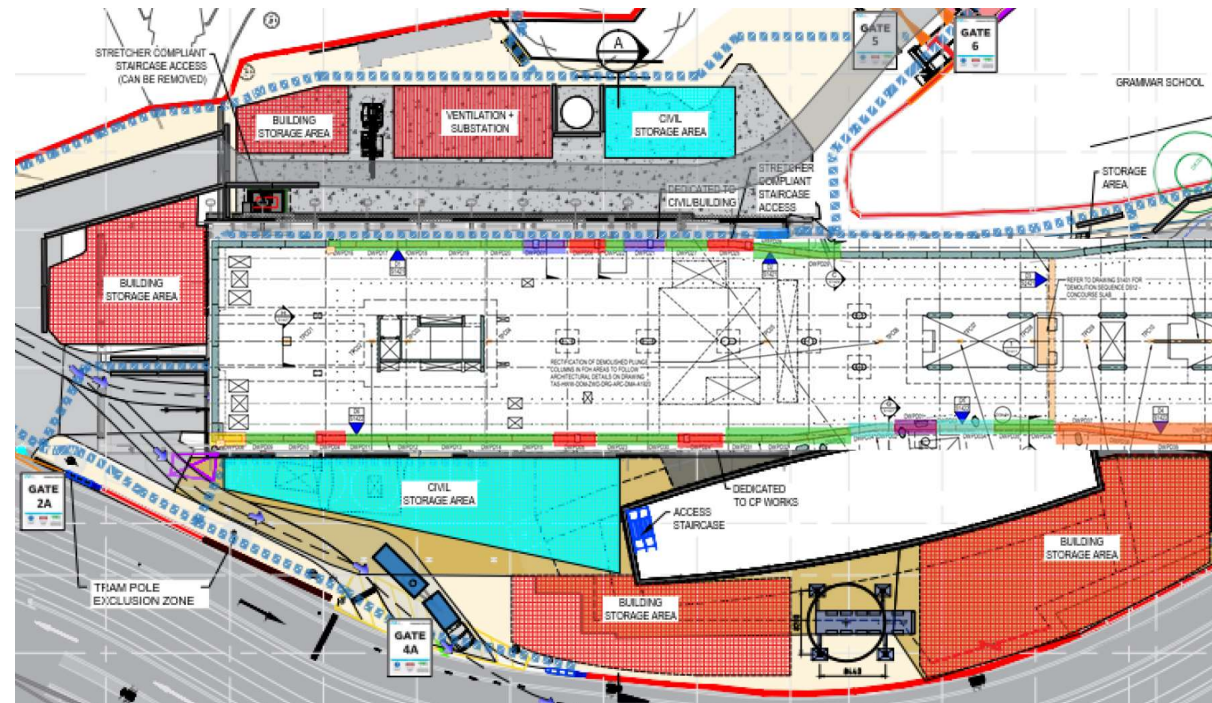


WORKS UPDATE

D-WALL DEMOLITION



- At Stage 2 and Stage 3 only the station oculus will be open
- Excavated material will be loaded into bins at the base of the tram interchange and then transferred via crane into trucks
- The loading of concrete into trucks will also generate high levels of noise
- Acoustic covers will be hung over the demolished sections at night wherever required.



Site layout during D-wall demolition – Demolition area overlay

WORKS UPDATE

D-WALL DEMOLITION





ENVIRONMENT UPDATE

ENVIRONMENT UPDATE

TRAM BOX D-WALL BREAKOUT



- The upcoming breakout works in the Tram interchange have been modelled
- Potential high impact activity – planned to be undertaken during normal working hours
- Saw cutting top of D-wall to break contact with permanent structure

Excavator with jackhammer

Building	Modelled Noise Level dBa Laeq
The Domain	73-76
The Botanica	62-64
Hallmark	69-71
Domain Hill	71-72
Melbourne Grammar School (Internal)	40-48



METRO TUNNEL CREATIVE PROGRAM

CREATIVE PROGRAM

ALBERT RESERVE POP UP PARK – DOG GROOMING



CREATIVE PROGRAM

ALBERT RESERVE POP UP PARK – DOG GROOMING



QUESTIONS?