



TOWN HALL STATION COMMUNITY REFERENCE GROUP

CROSS YARRA PARTNERSHIP
FRIDAY 12 MARCH 2021



Construction partner:





TOWN HALL STATION COMMUNITY REFERENCE GROUP

Jodie Barrington, CBD Precinct Communications and Stakeholder Engagement Lead, CYP D&C

Blythe Chidgey, Town Hall Station Stakeholder Engagement Manager, CYP D&C

Kim Norton, Arden and Western Portal Communications and Stakeholder Engagement Lead, CYP D&C

Jordan Turner, Anzac Station and Eastern Portal Senior Communications and Stakeholder Engagement Advisor, CYP D&C



Construction partner:



AGENDA

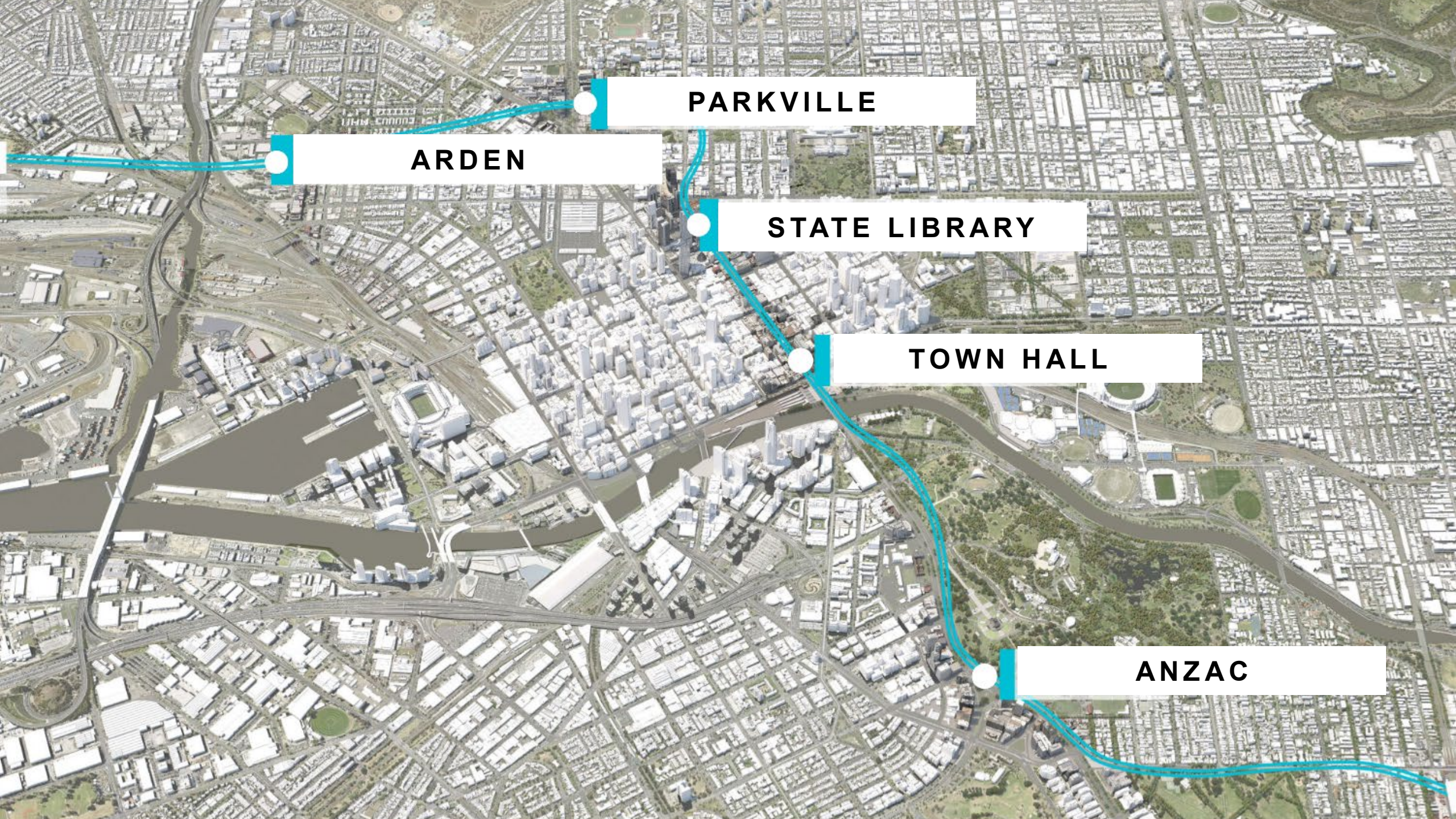
1. Project overview
2. Town Hall Station update
3. TBM tunnelling update
4. Melbourne Airport Rail Update

PROJECT OVERVIEW



Presenter: Jodie Barrington





ARDEN

PARKVILLE

STATE LIBRARY

TOWN HALL

ANZAC

ARDEN

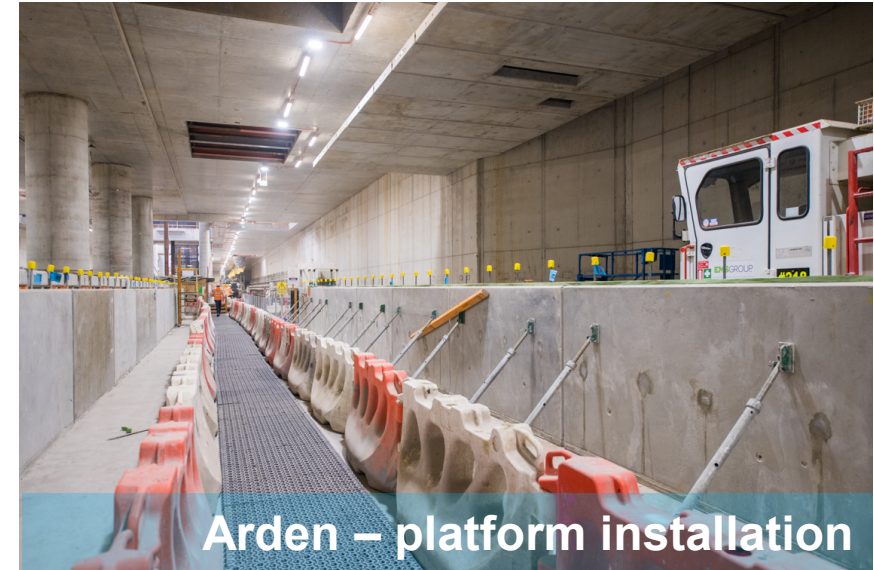
Arden Station (and surrounds)

- Tunnelling support and cross passage construction works
- Installation of precast platform and over-track exhaust units
- Station services building construction
- North Melbourne electrical substation construction

Western Portal

- Egress building construction is continuing with concrete pours underway for the construction of internal walls.

Western Portal – egress building construction



Arden – platform installation



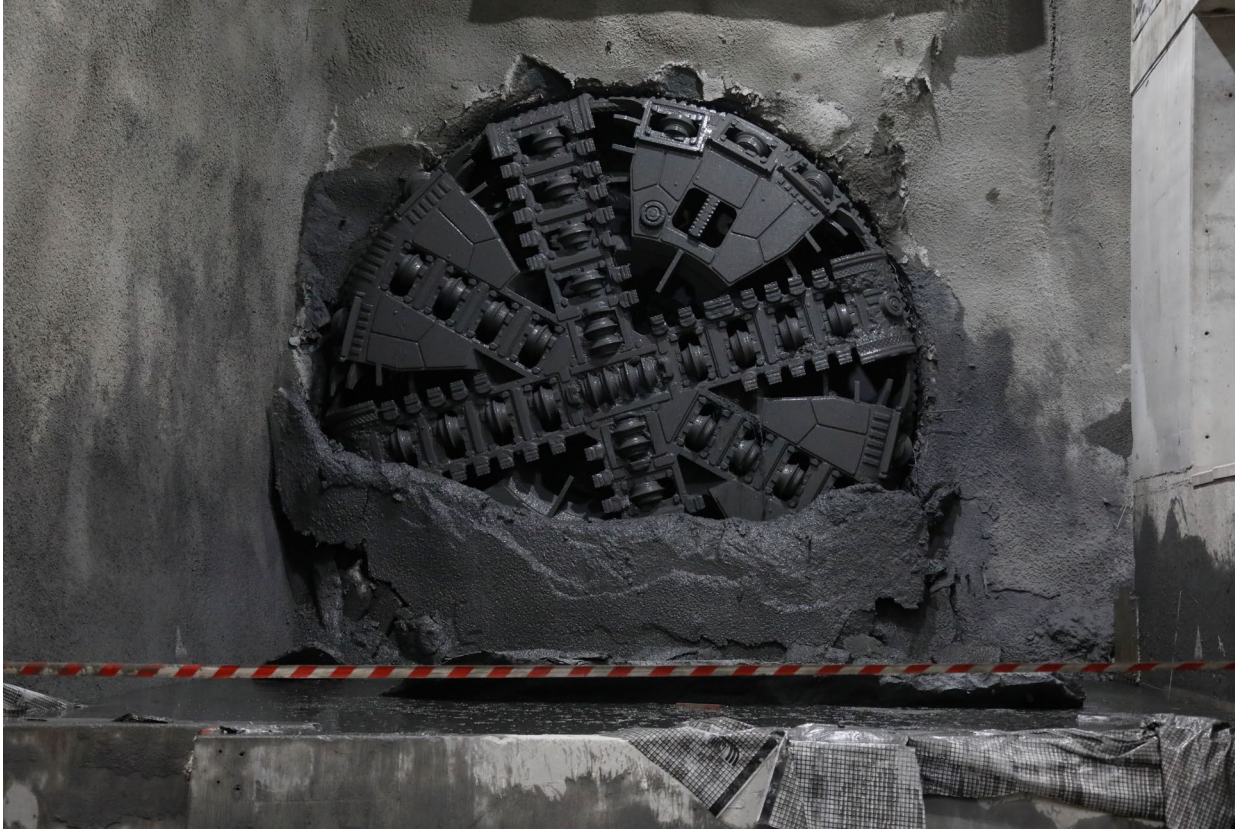
North Melbourne – electrical substation

PARKVILLE



- At Grattan Street east, roof slab construction works have commenced. This will require the staged removal of the temporary deck
- Internal walls installation have also commenced within the station box
- Grattan Street west station entrance works have moved into the next phase of works with the closure of the Elizabeth Street/Royal Parade northbound service lane from Haymarket Roundabout to just north of The Royal Melbourne Hospital until late 2022.

STATE LIBRARY



- TBM 2 (Meg) broke through into the State Library Station precinct in February
- Excavation of the southern adit from within the Little La Trobe Street site has commenced
- Top-down construction works are continuing at the La Trobe Street site.

ANZAC

- Construction of the tram interchange station entrance and Shrine of Remembrance station entrance continues on both sides of the acoustic shed
- Demolition of sacrificial tunnels and excavation in south box is ongoing (picture of sacrificial tunnel attached)
- The team is also preparing to commence construction of the concourse in the north box site. Crews will install columns, falsework and steelfixing before casting the first of the north box concourse slabs. Once the slab has been completed, the support strutting from within the station box will be removed
- Cross passage construction underway, with support work operating out of Eastern Portal.



Sacrificial tunnels

TOWN HALL STATION UPDATE

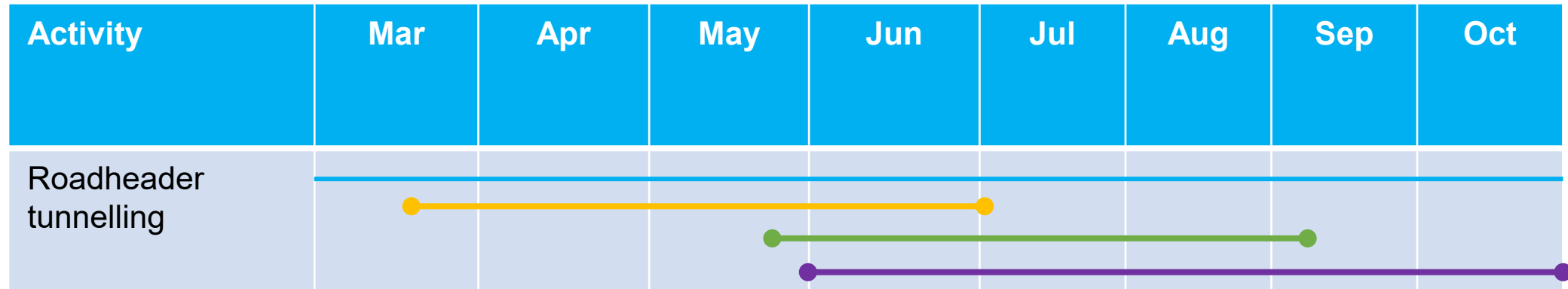


Presenter: Blythe Chidgey



Roadheader tunnelling

- 24 hours, Monday to Sunday

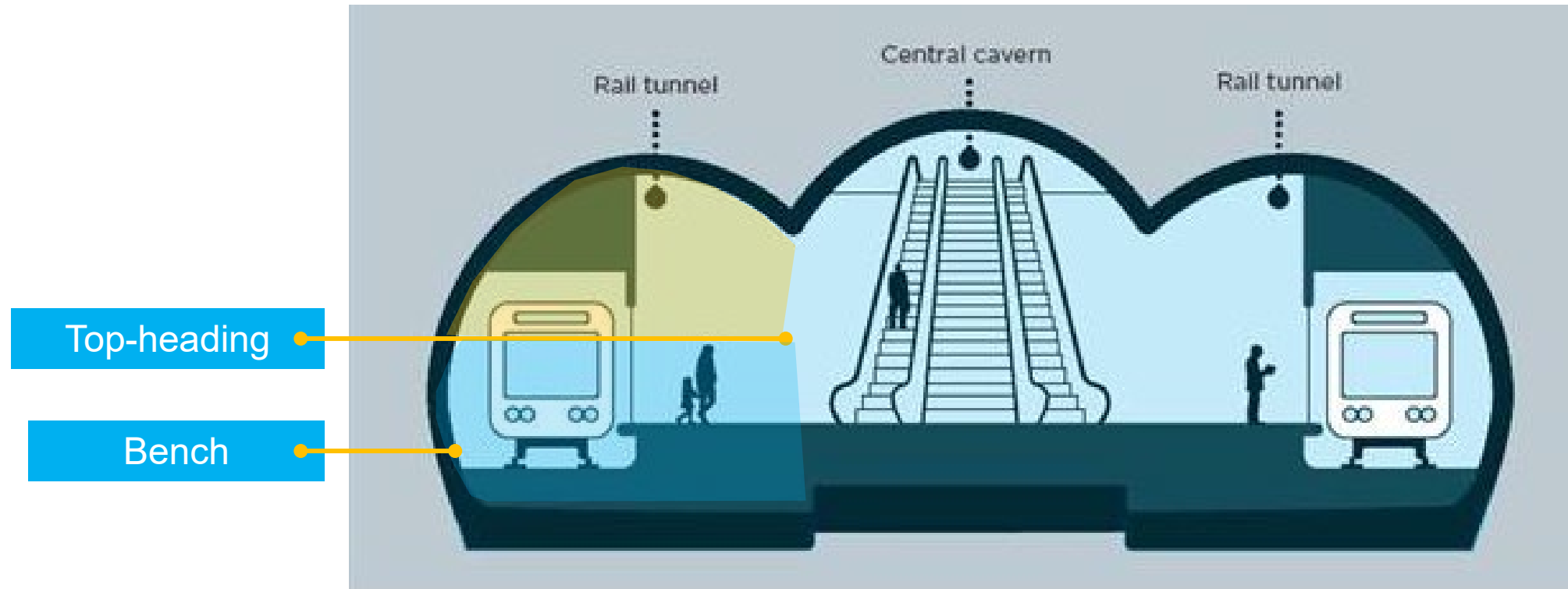


Platform rail tunnel excavation
(top-heading)

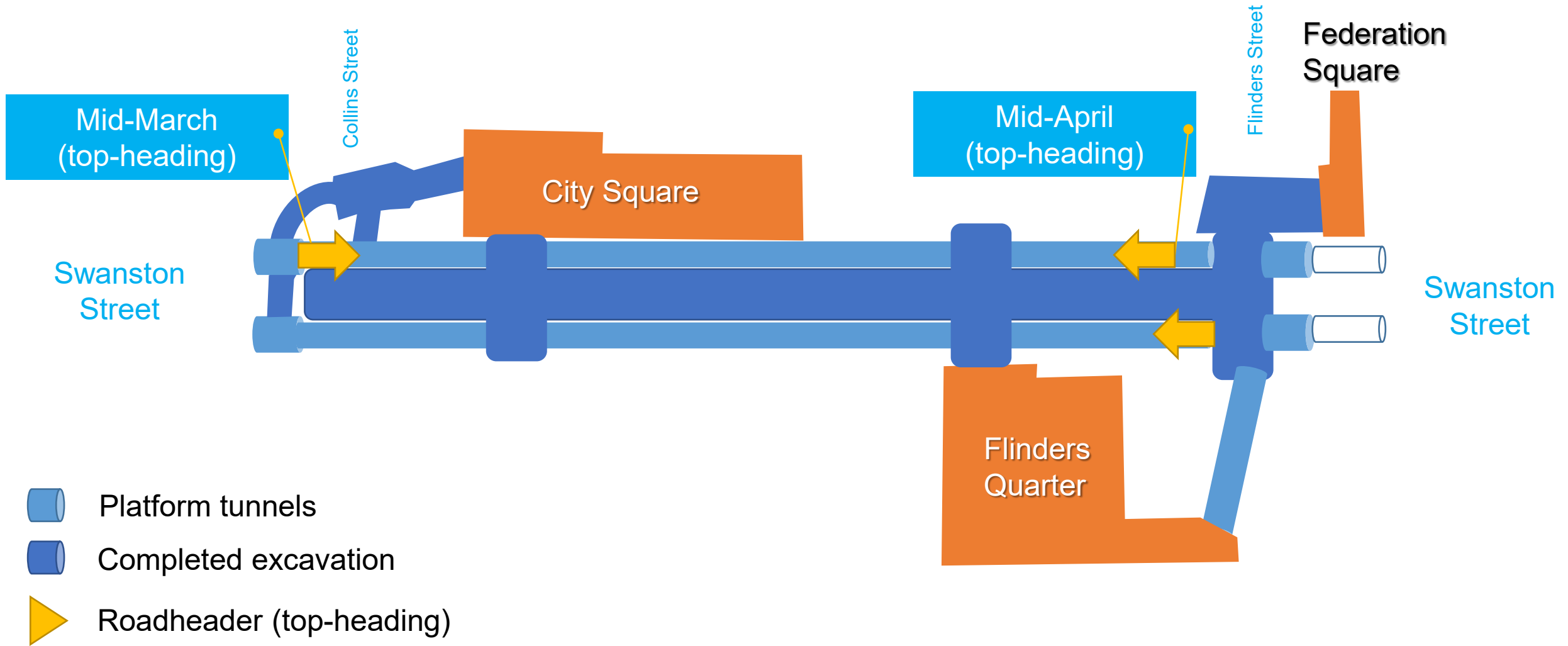
Platform rail tunnel excavation
(bench)

Shotcrete shell removal

ROADHEADER TUNNELLING UPDATE



ROADHEADER TUNNELLING MAP



PLATFORM CONSTRUCTION

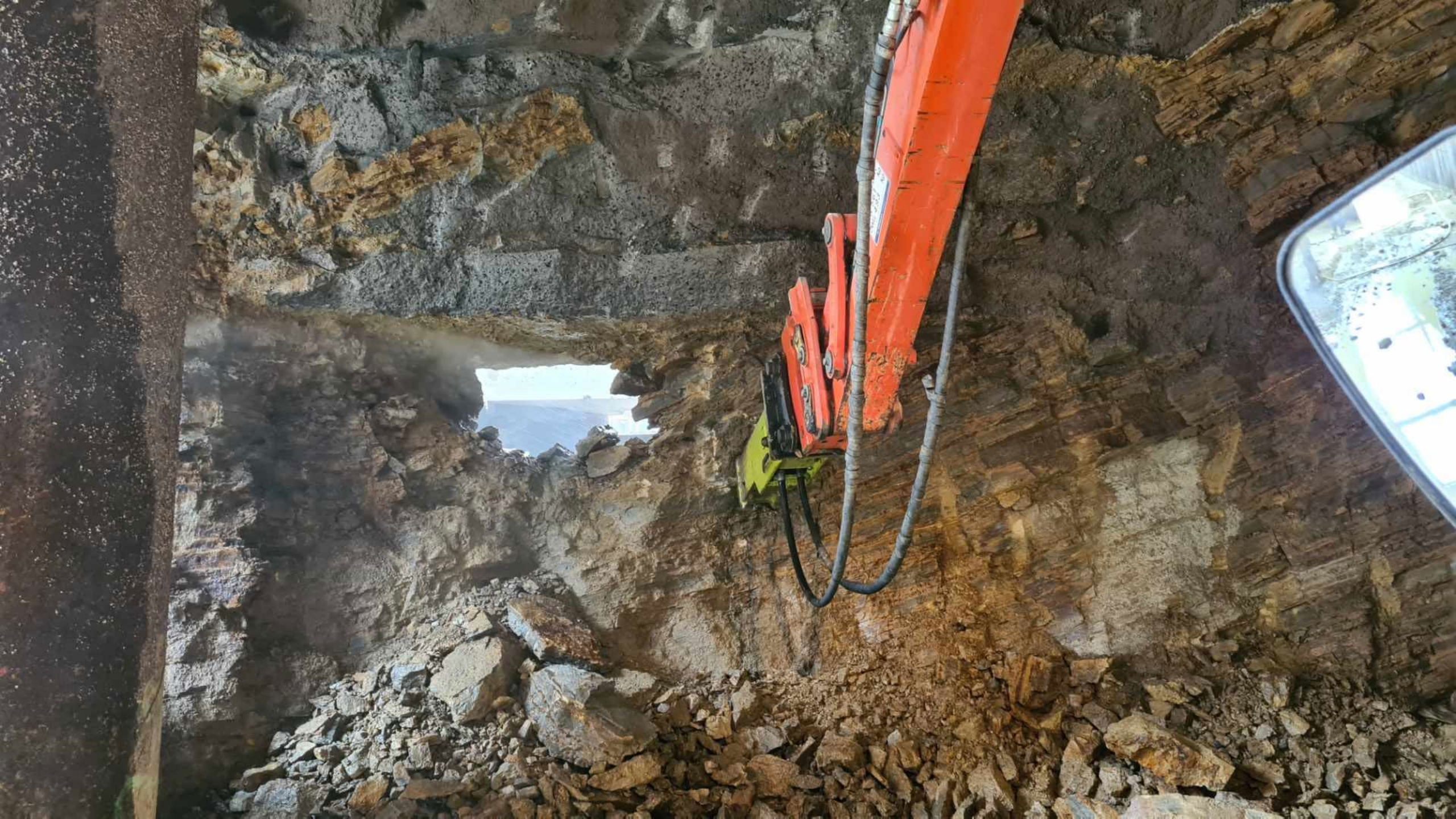




FLINDERS QUARTER

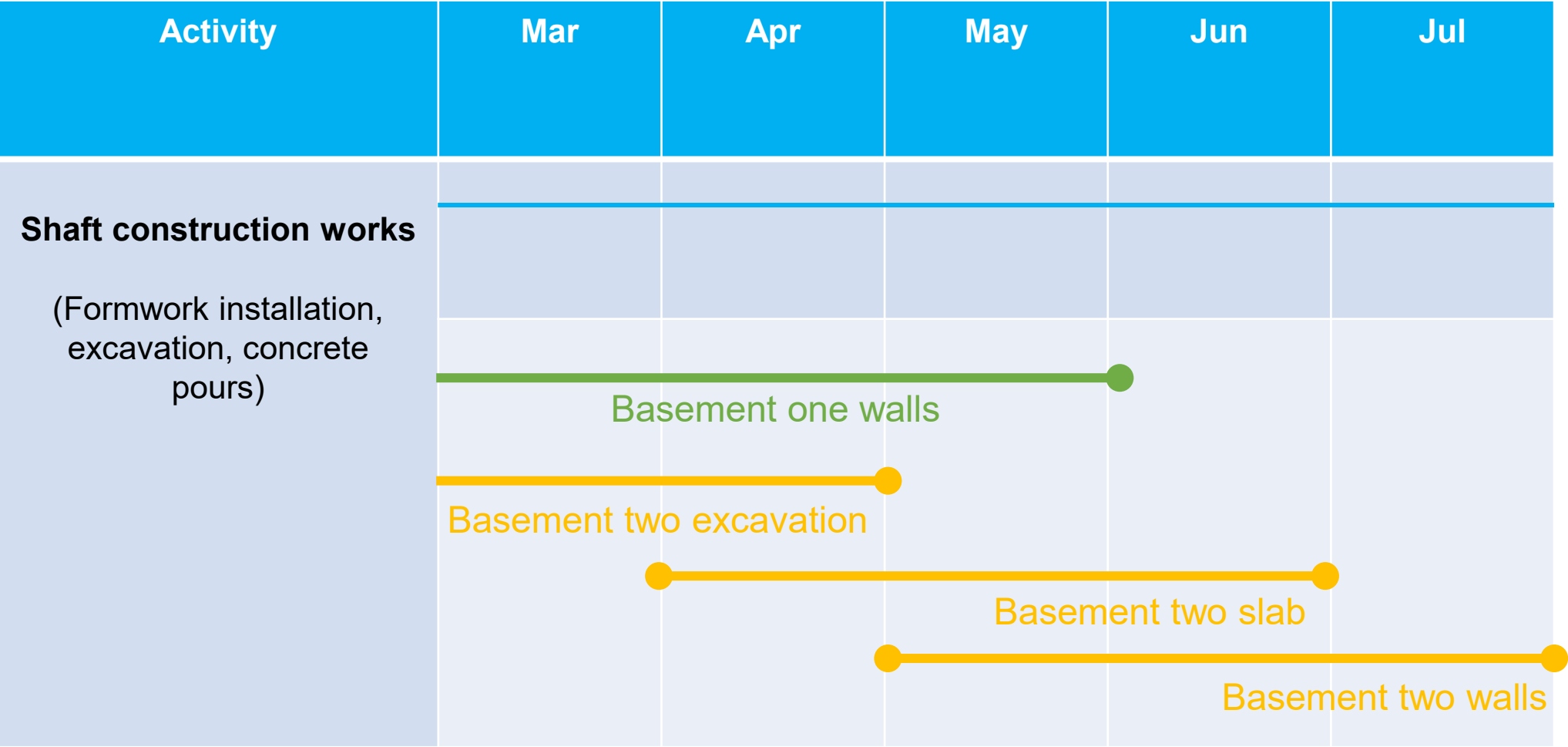
FLINDERS QUARTER







FLINDERS QUARTER





FLINDERS QUARTER – OUT OF HOURS WORKS

Deliveries (ongoing)

- Monday to Saturday, 5am to 7am
- Monday to Friday, 6pm to 10pm

Shaft construction

- Monday to Friday, 7am to 10pm
- Sundays, 8am to 4pm

Permanent concrete structure works

- Monday to Friday, 7am to 12am (concrete pours, as required)
- Monday to Fridays, 6pm to 7am (concrete finishing works, as required)

Excavation

- Monday to Friday, 7am to 10pm
- Saturdays, 7am to 5pm

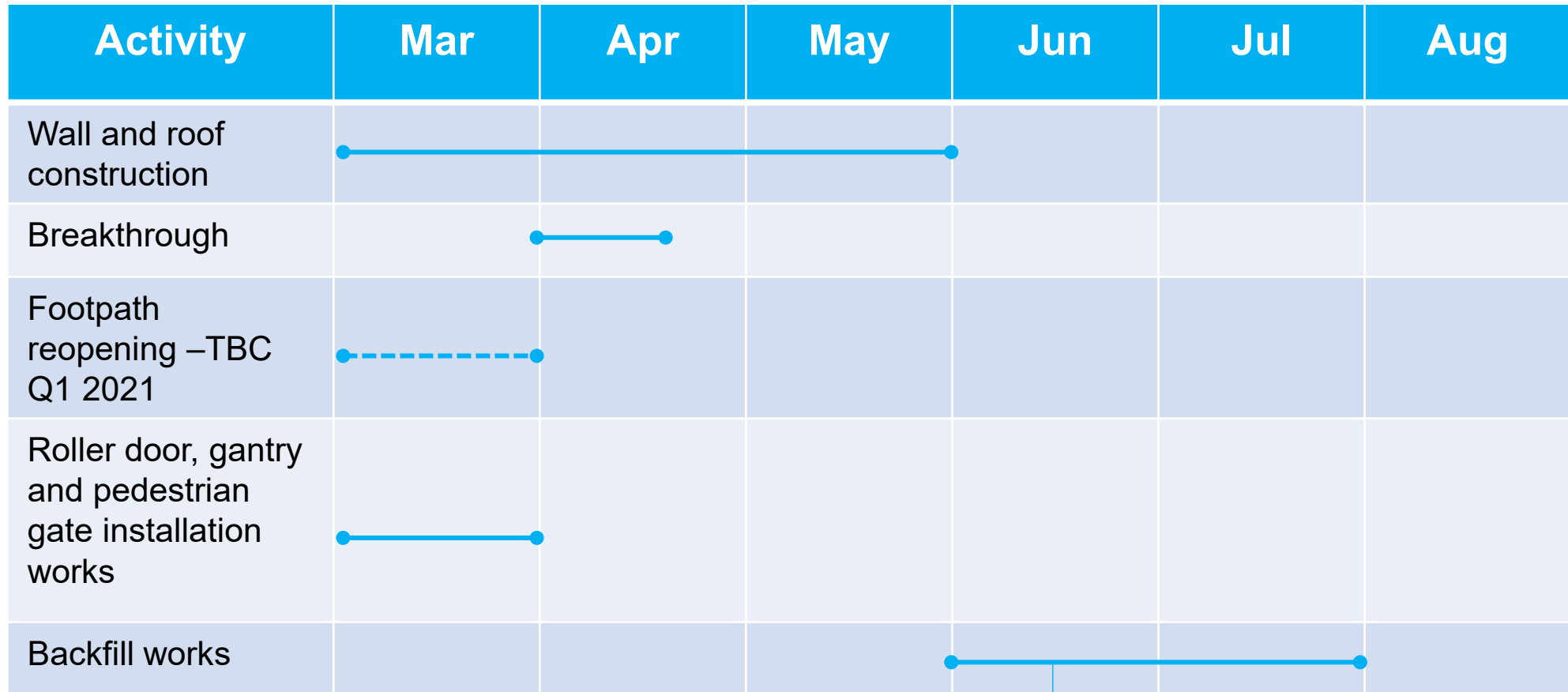
Excavated material removal

- Monday to Sunday, 6:30am to 10pm



FLINDERS LINK

FLINDERS LINK WORKS UPDATE



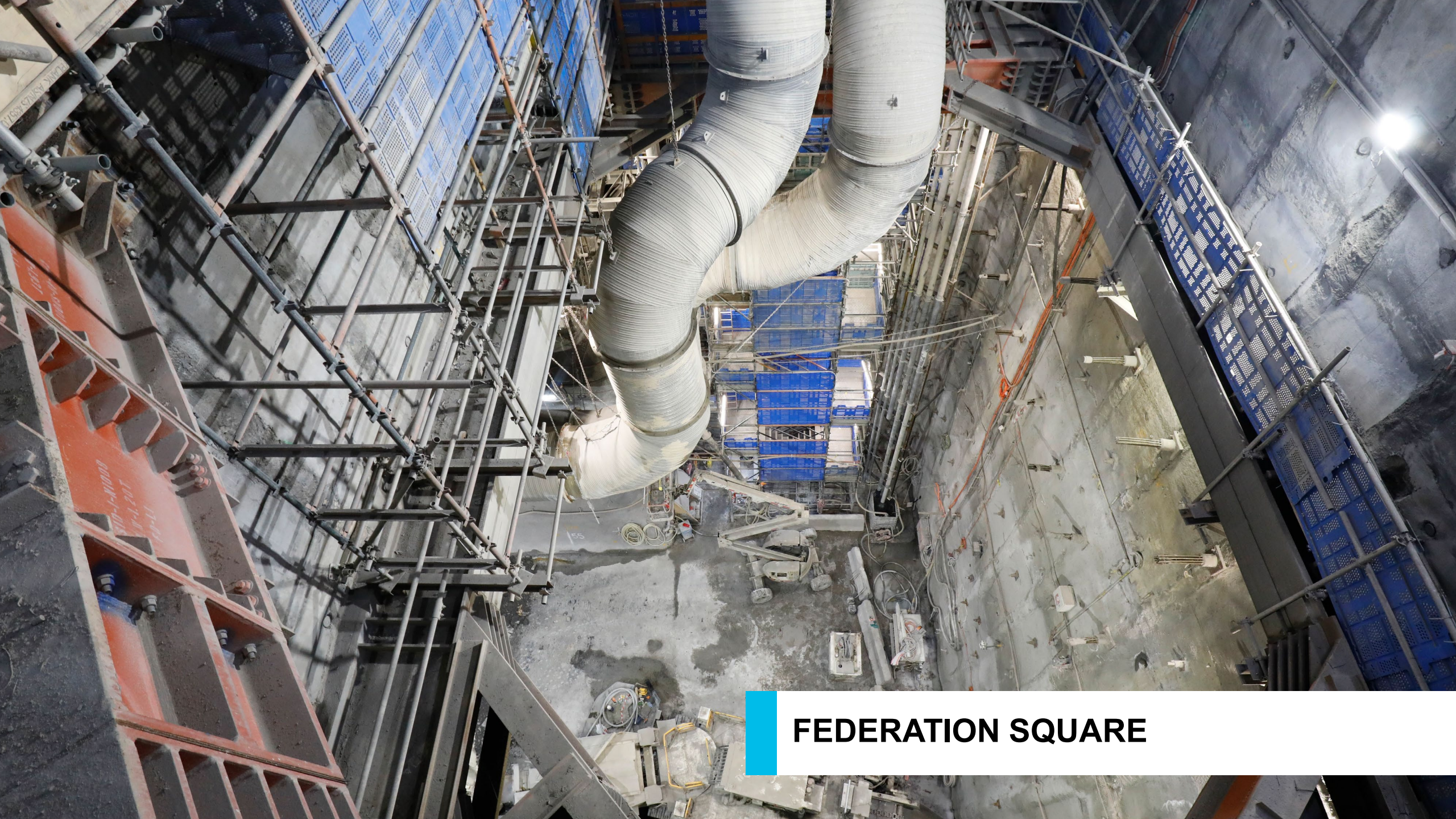
Including strut removal and utility installation





CAMPBELL ARCADE CONNECTION





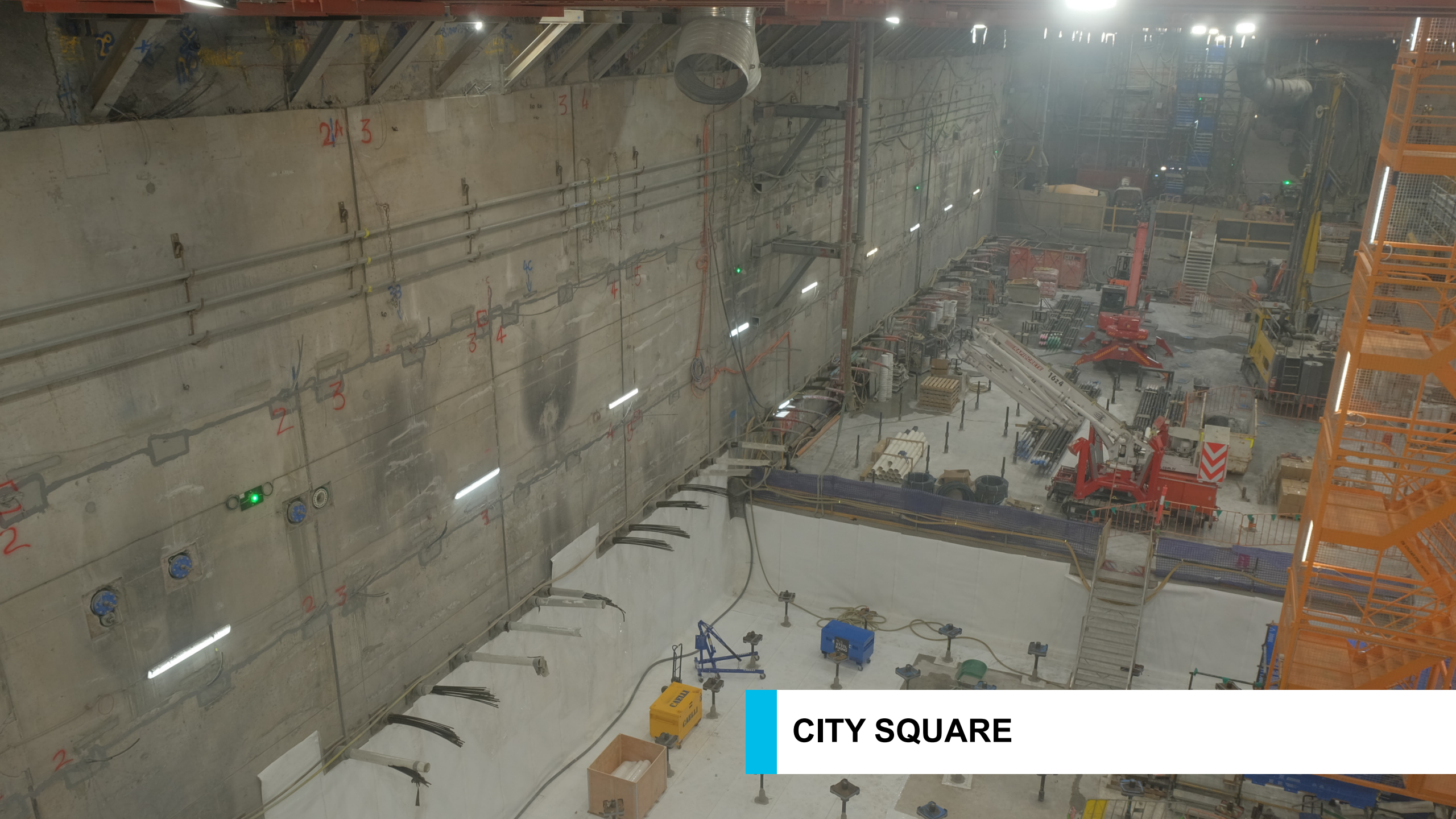
FEDERATION SQUARE

FEDERATION SQUARE WORKS UPDATE

Federation Square tunnelling support

- 24 hours, Monday to Sunday

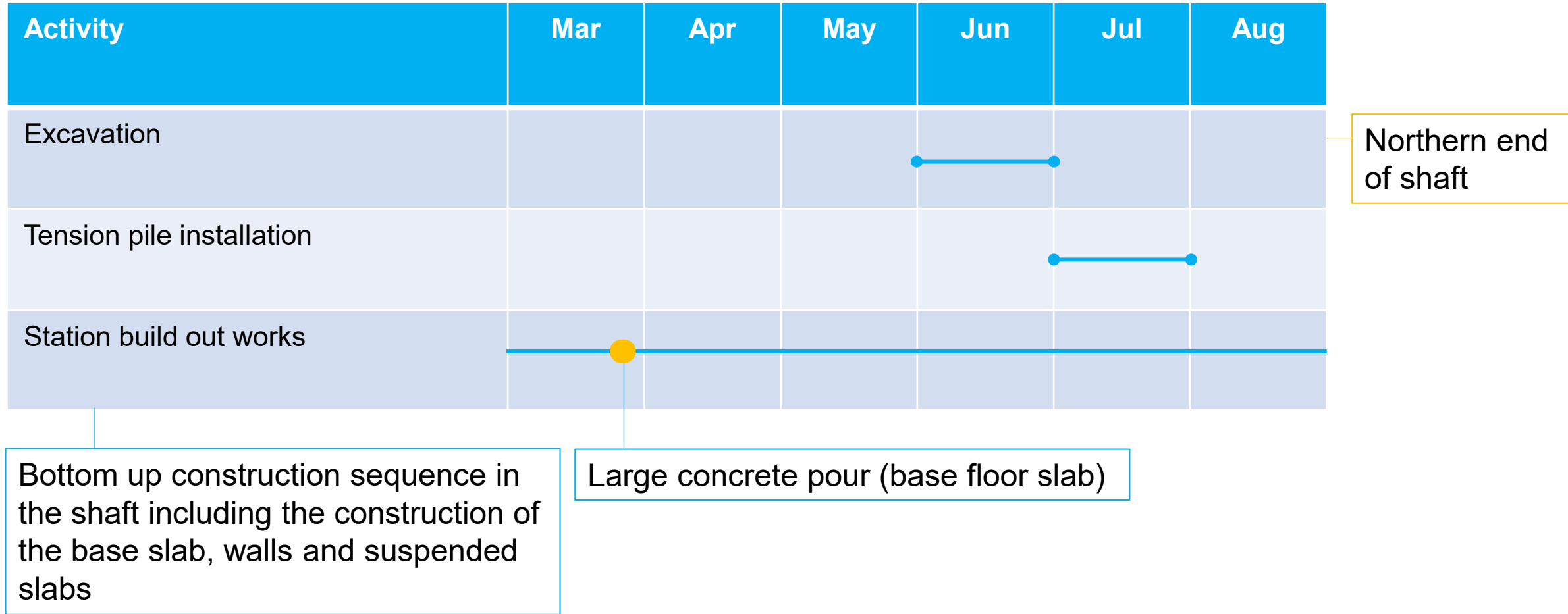
Activity	Mar	Apr	May	Jun	Jul	Aug
Tunnelling support works (Excavated material removal)						



CITY SQUARE



CITY SQUARE WORKS UPDATE



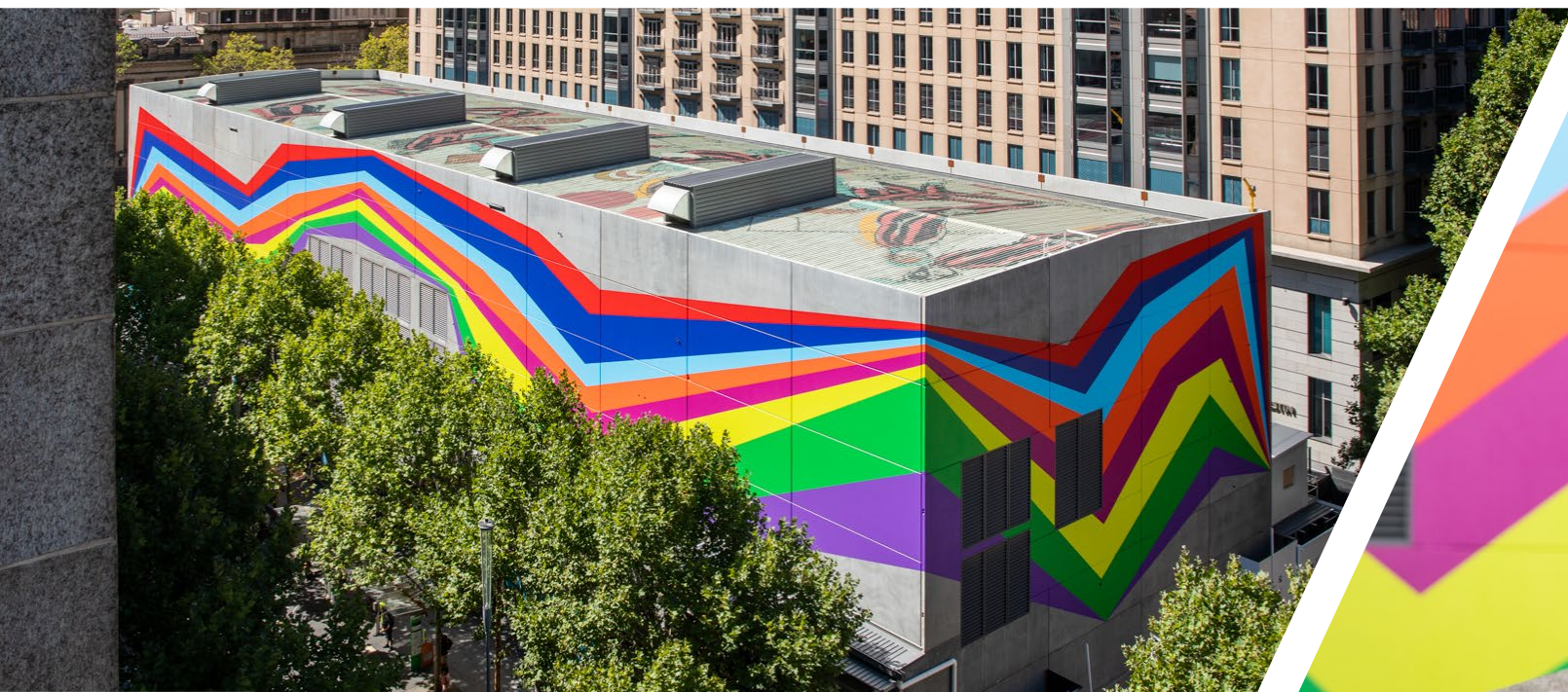
CITY SQUARE– OUT OF HOURS WORKS

- 700m³ concrete pour taking place on Friday 26 March
- Trucks delivering concrete to the City Square acoustic shed over 24-hours
- Largest concrete pour to date in CBD South

Station build out works

- Monday to Sunday, 24-hours





Service investigations - Flinders Lane

- 10pm to 5am, 22 March (23 March, contingency)

Sewer relining works – Flinders Street

- 10pm to 5am, for up to five nights in April



TBM TUNNELLING UPDATE



Presenter: Kim Norton and Jordan Turner



TUNNELLING IN THE CBD – PROGRESS UPDATE

TBM Joan

- Broke through at State Library Station 20 December 2021
- Relaunched from State Library Station 9 February 2021
- TBM Joan has now completed 280m (out of 672m) of tunnel

TBM Meg

- Broke through at State Library Station 11 February 2021
- Due to relaunch from State Library Station mid-late March 2021

TUNNELLING IN THE CBD – PROGRESS UPDATE



STATE LIBRARY STATION
TBM BREAKTHROUGH FEBRUARY 2021



STATE LIBRARY STATION

TBM BREAKTHROUGH FEBRUARY 2021





STATE LIBRARY STATION
TBM BREAKTHROUGH DECEMBER 2020

- TBM Millie was launched in early December 2020
- TBM Alice was launched on 21 January 2021
- TBM Alice has now completed 700m of tunnel
- TBM Millie has now completed 1.4km of tunnel



TBM Alice leaves the Anzac Station on her way to Town Hall Station

WORKS UPDATE

TUNNELLING PROGRESS



CROSS PASSAGE CONSTRUCTION

- Cross passage 12 (south west corner of Queensberry and Swanston streets) – excavation underway
- Cross passage 13 (south of Lonsdale Street) - break in and excavation programmed to commence August 2021
- Cross passage 14 (between Little Bourke and Bourke streets) - break in and excavation programmed to commence August 2021



Permanent lining works complete (CP4)

TUNNEL INTERNAL STRUCTURES

- Currently pouring the flat form section (invert/floor) of the tunnel
- 100m sections of invert poured per day
- Works to occur in the westbound tunnel between the Western Portal (Kensington) and Arden Station between mid-February and mid-March
- Works to occur in the eastbound tunnel between the Western Portal (Kensington) and Arden between mid-March and mid-April



QUESTIONS