



UNTANGLING MELBOURNE'S CITY LOOP

PRESENTATION TO ROTARY CLUB OF ALBERT PARK
21 FEBRUARY 2018

JAMES TONKIN, DIRECTOR COMMUNICATIONS & STAKEHOLDER RELATIONS





MELBOURNE'S GROWTH



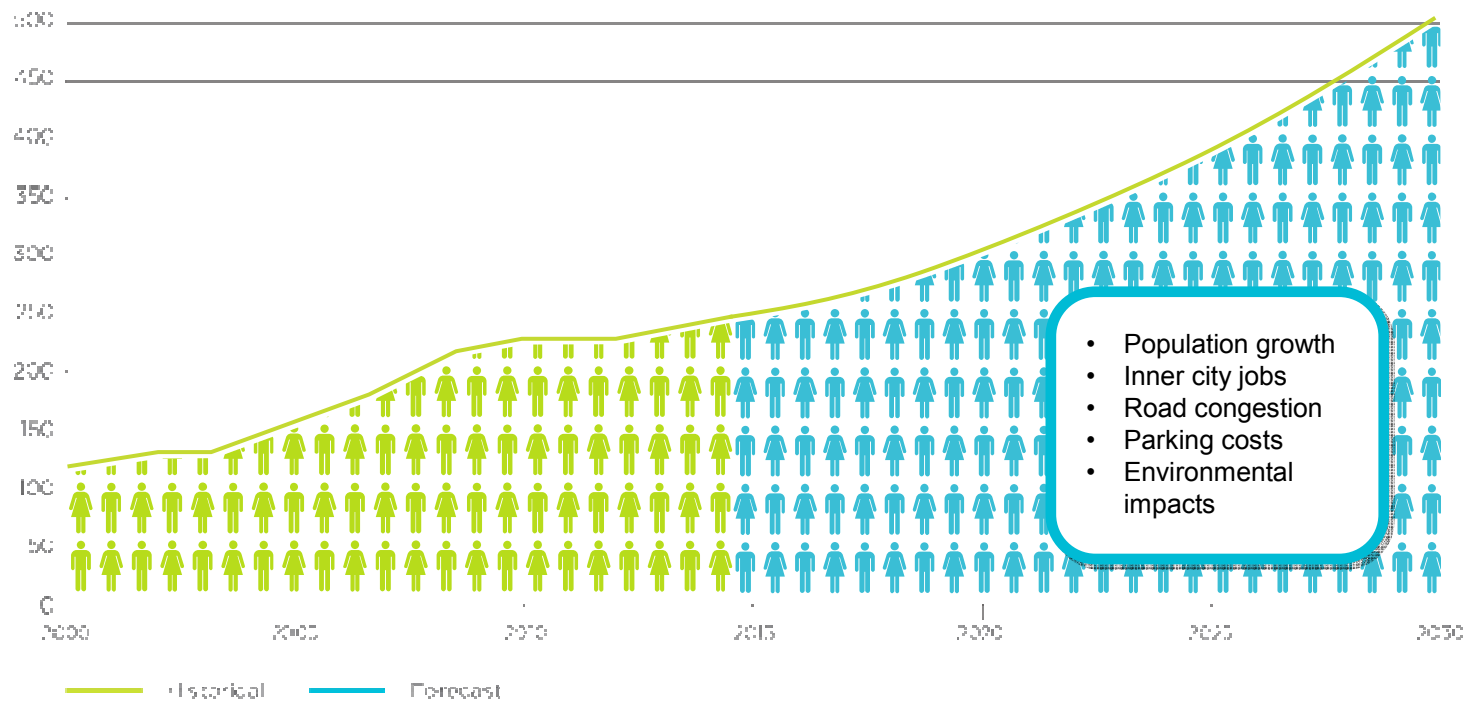


MELBOURNE'S RAIL NETWORK



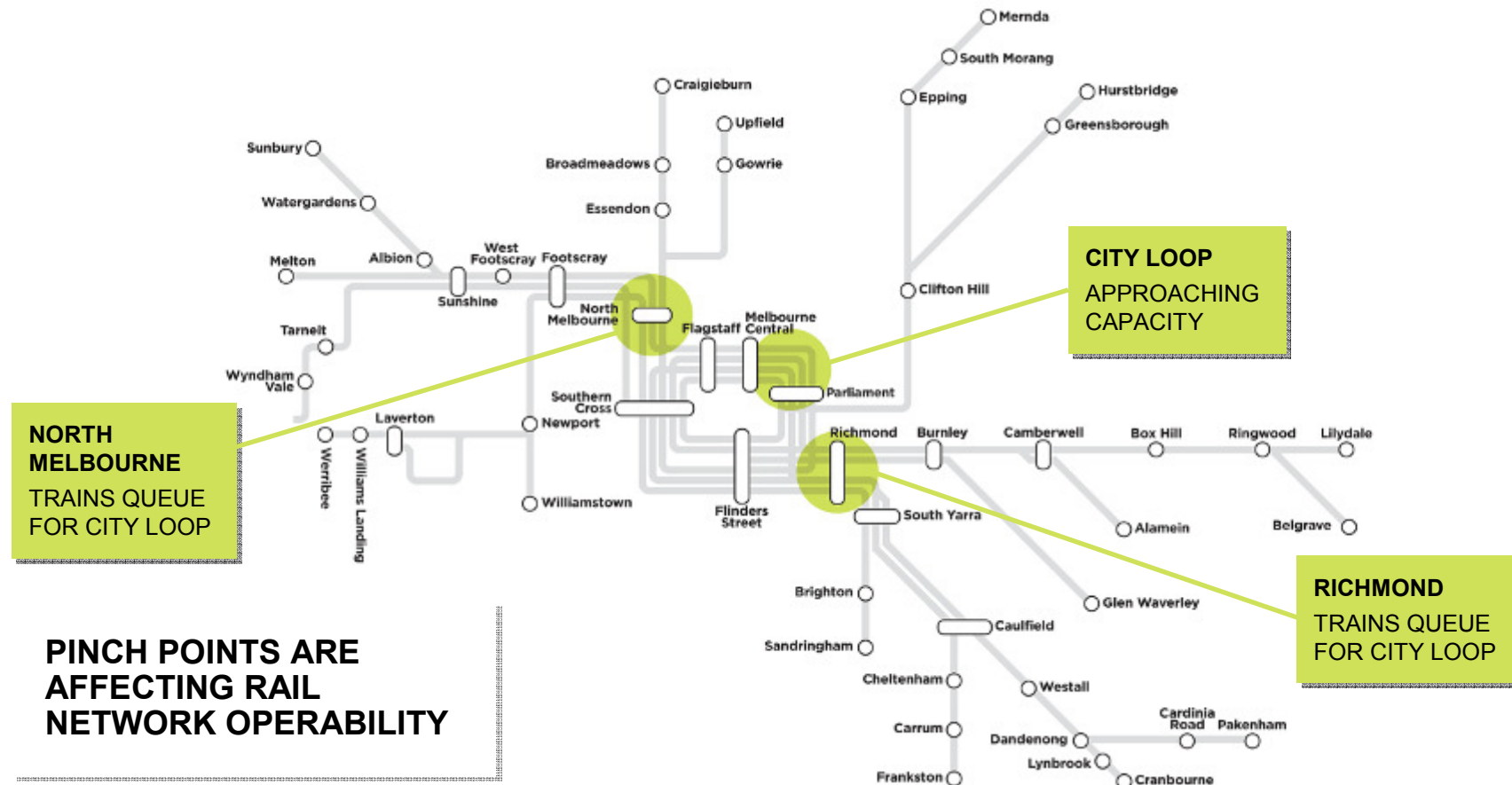
FUTURE RAIL PATRONAGE

Annual patronage millions





RAIL NETWORK PINCH POINTS





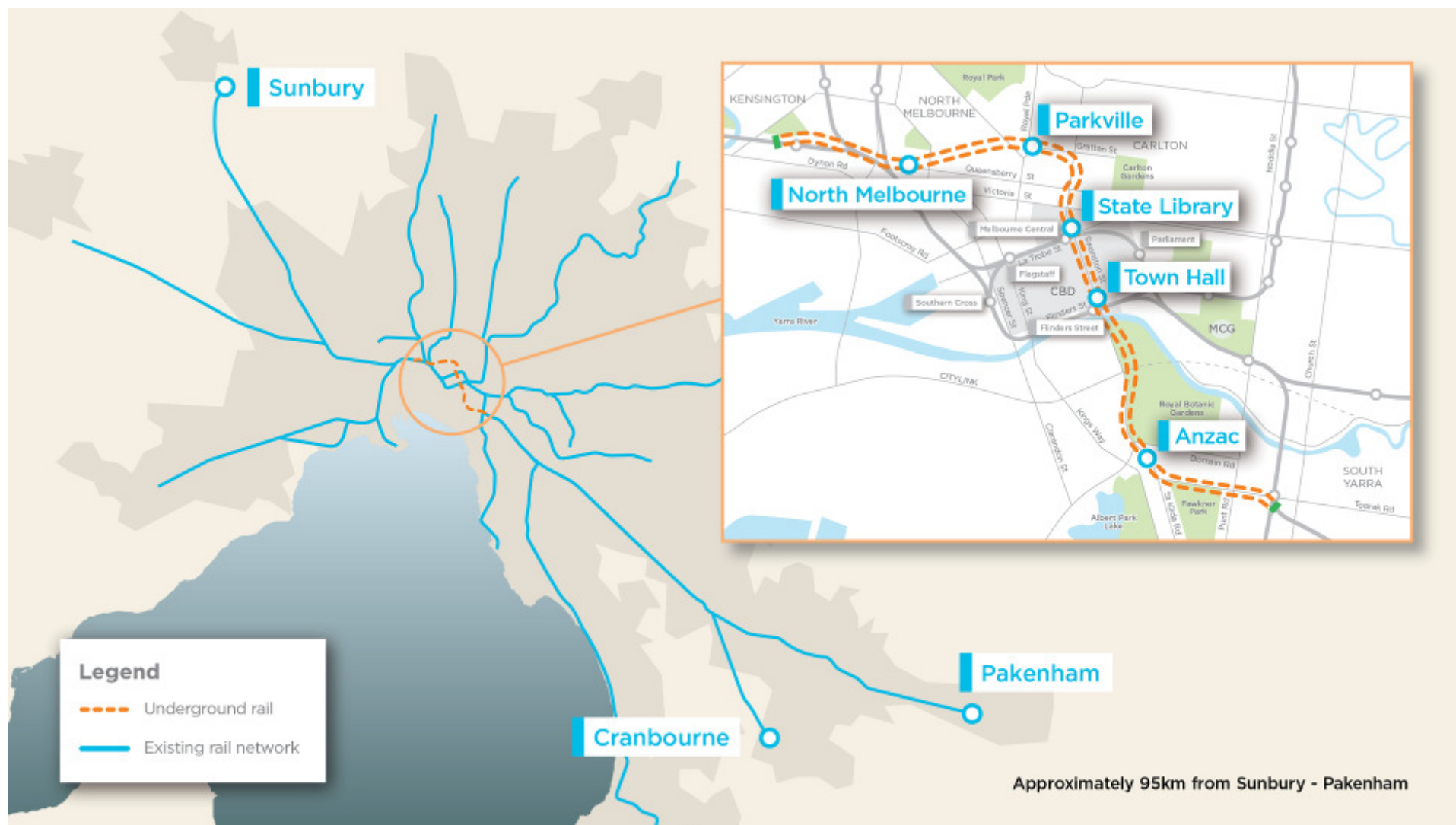
TRAM PINCH POINTS





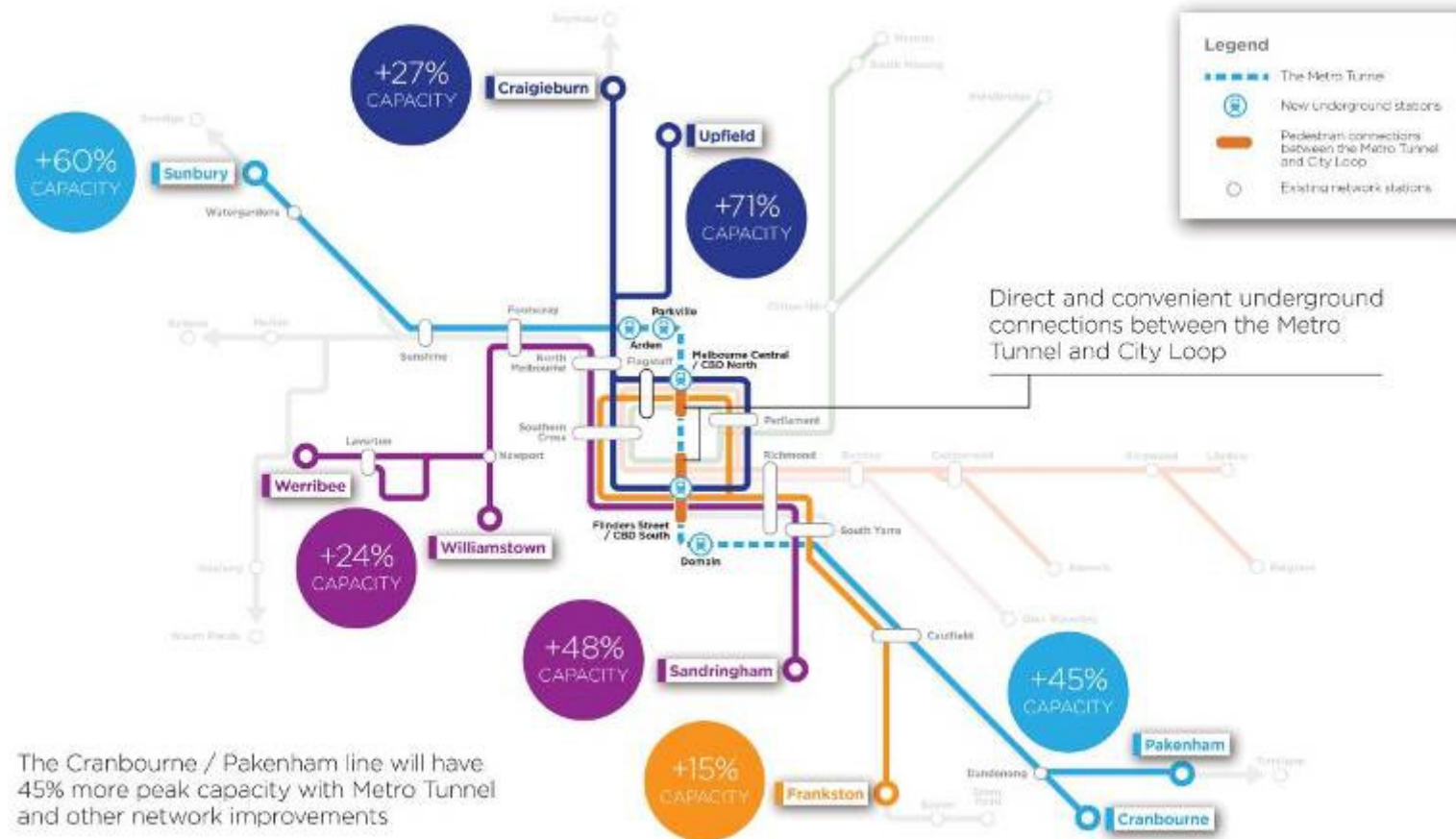
METRO TUNNEL PROJECT







CAPACITY BENEFITS





TRAMS WHERE THEY ARE NEEDED



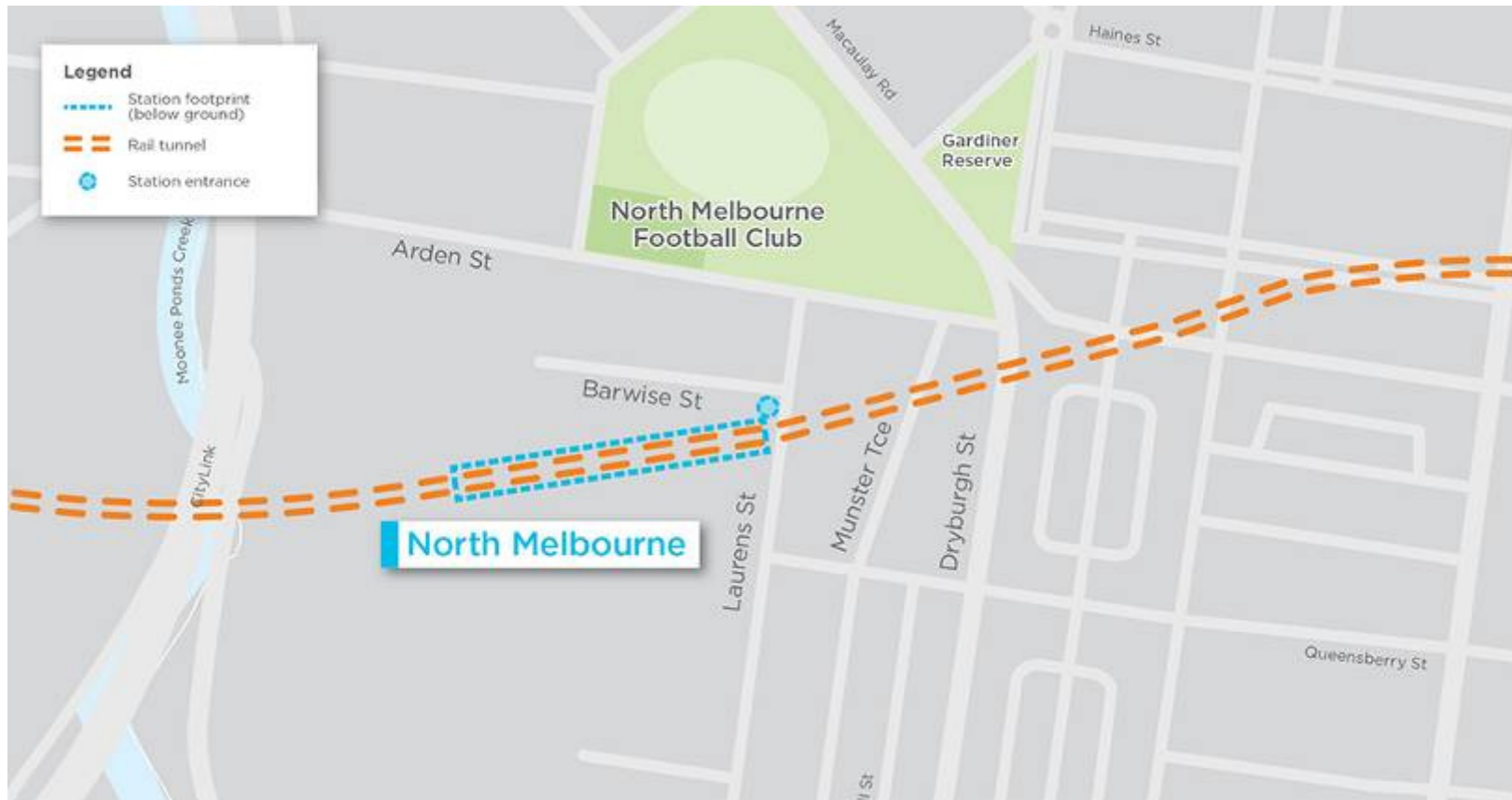




FIVE NEW UNDERGROUND STATIONS



NORTH MELBOURNE (FORMERLY ARDEN)



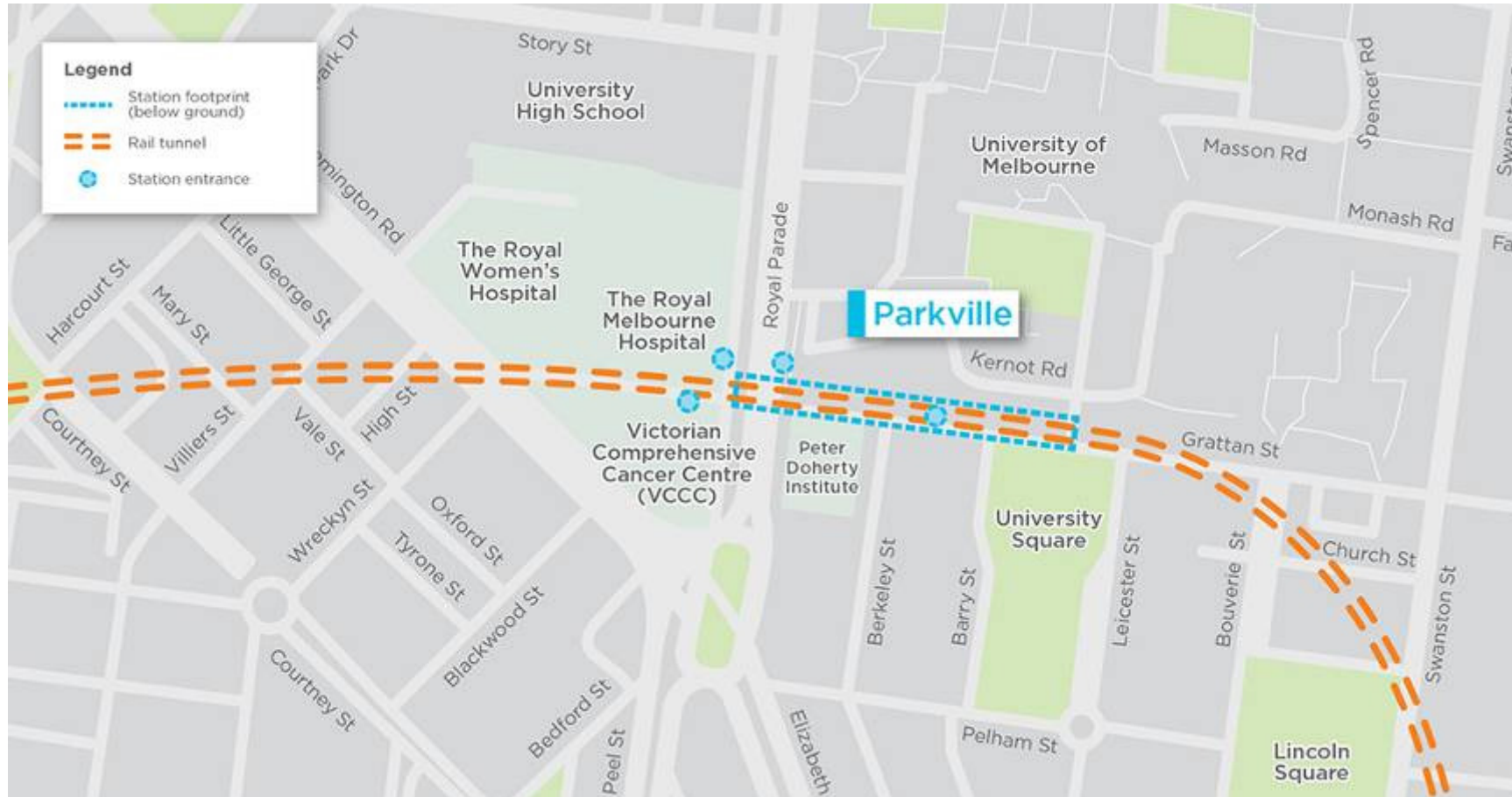


ARDEN URBAN RENEWAL PRECINCT



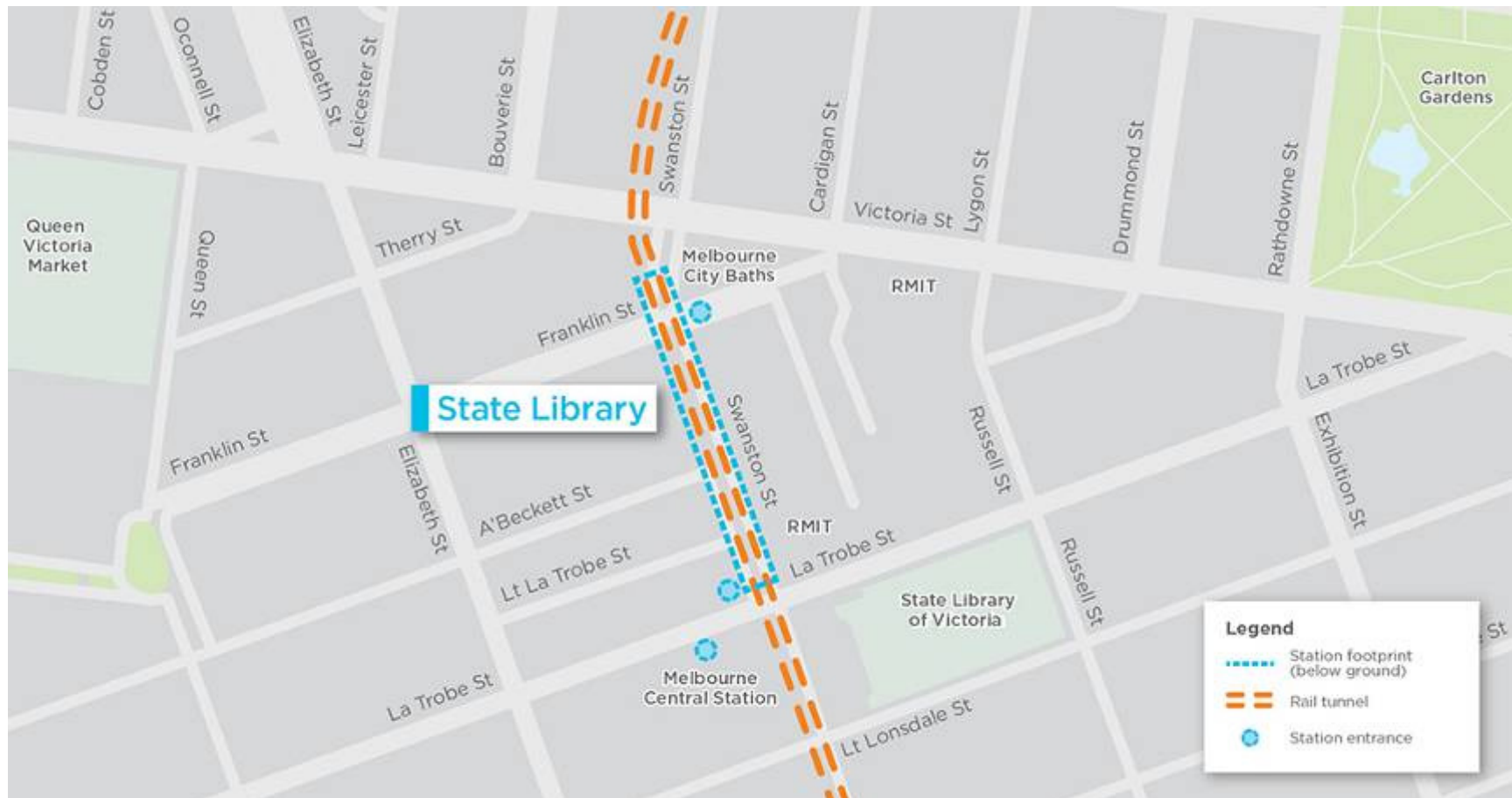


PARKVILLE



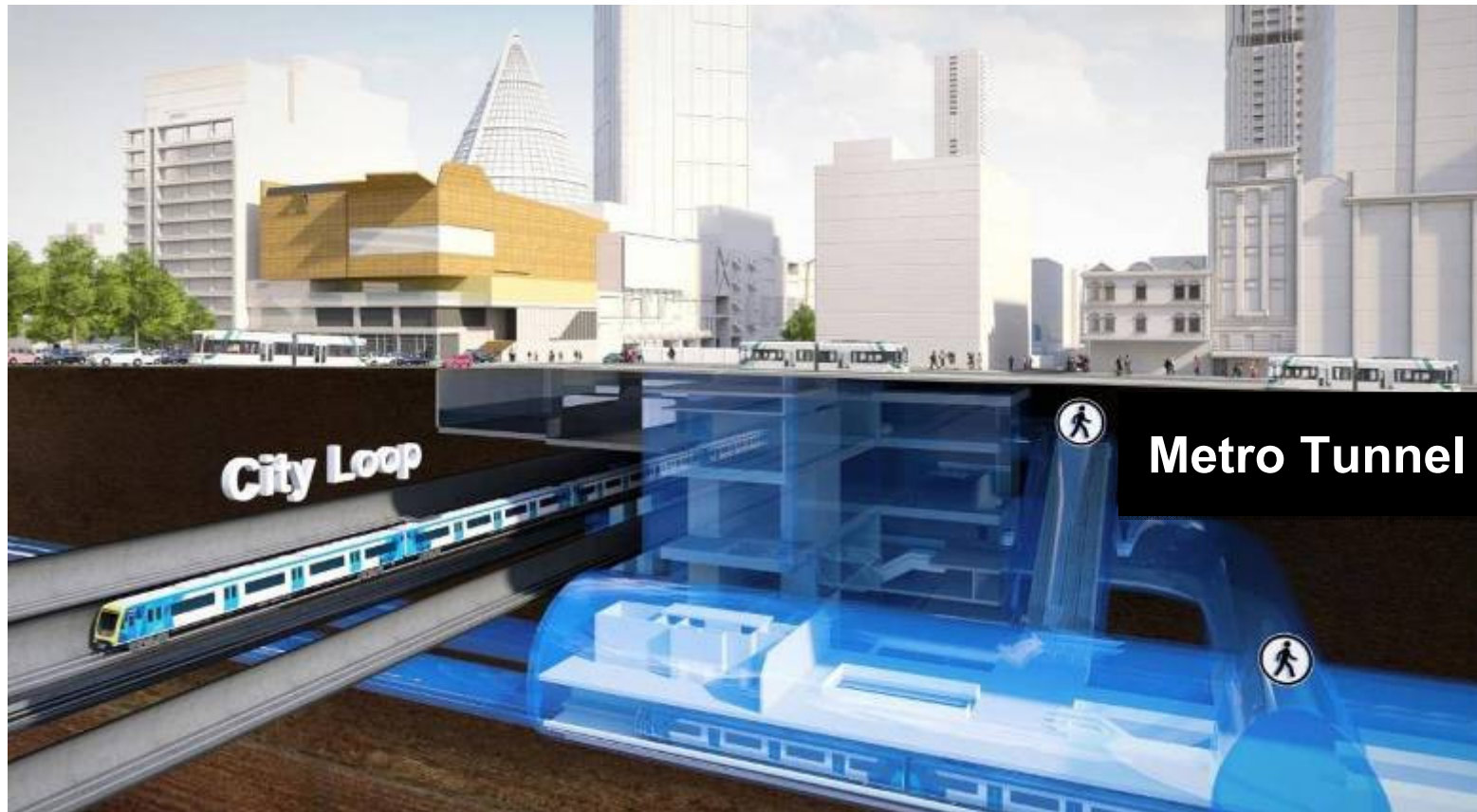


STATE LIBRARY



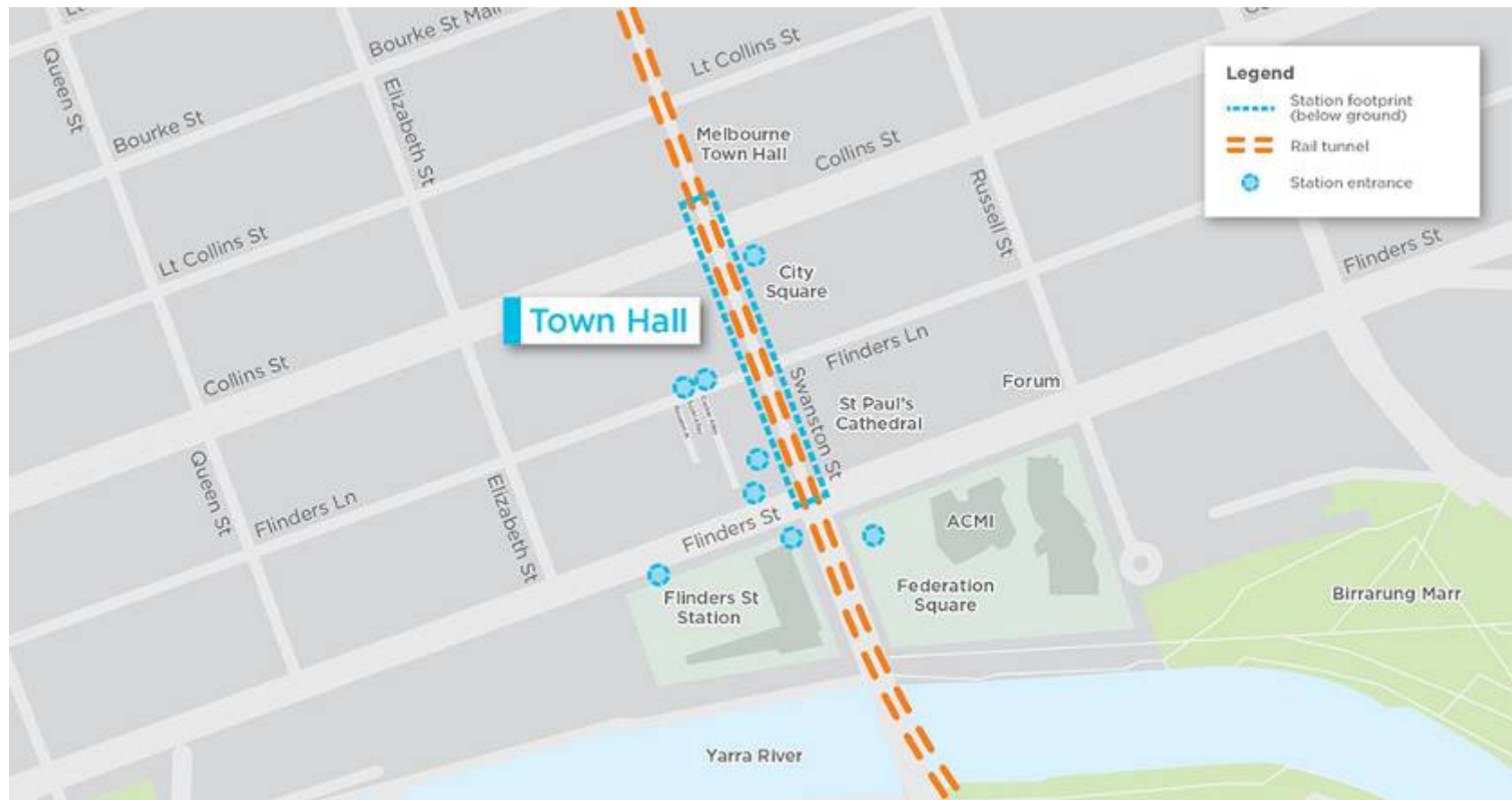


DIRECT CITY LOOP CONNECTION





TOWN HALL



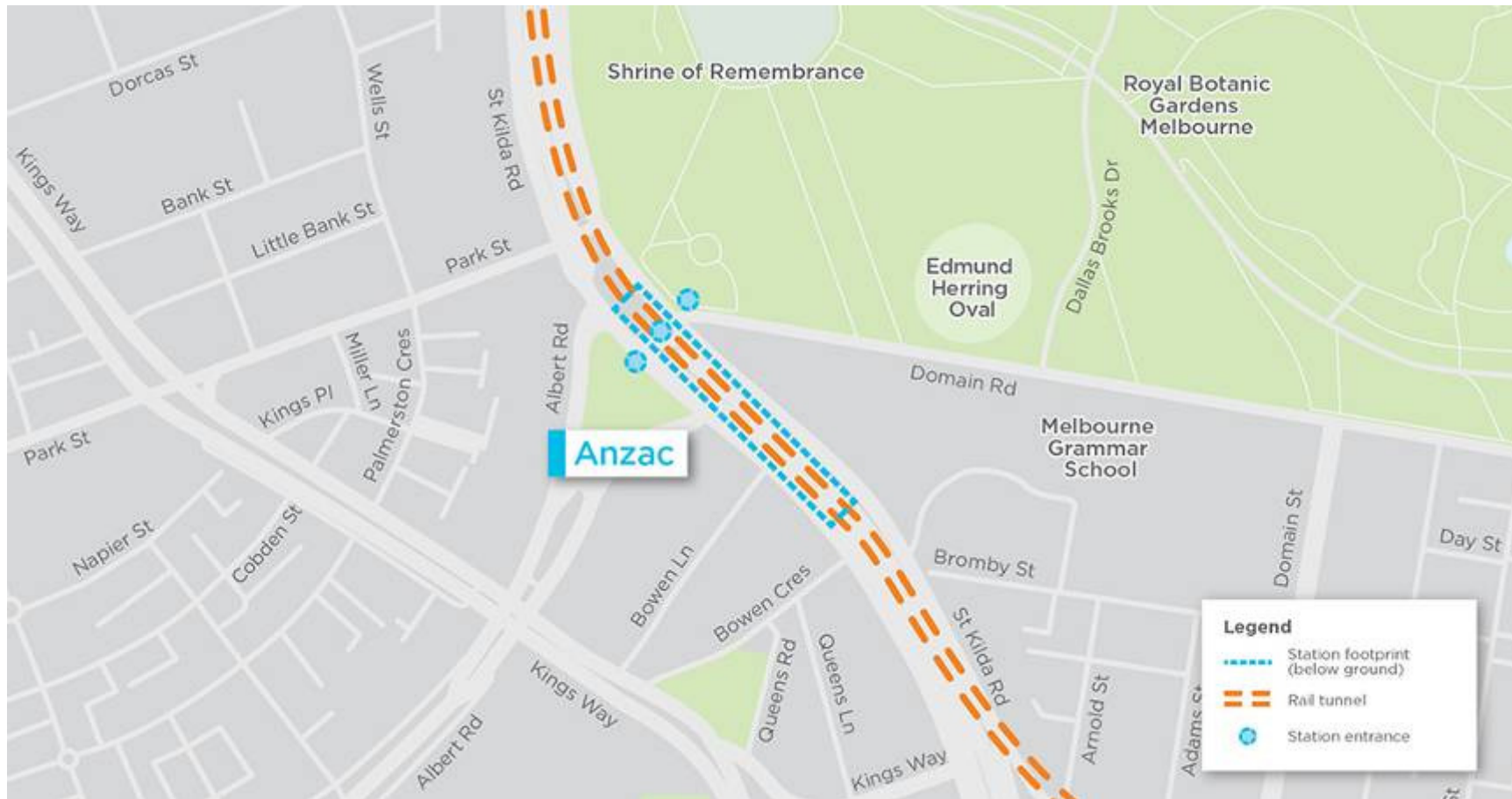


DIRECT CITY LOOP CONNECTION





ANZAC





REVITALISED ALBERT ROAD RESERVE



HIGH CAPACITY TRAINS AND SYSTEM



HIGH CAPACITY METRO TRAINS





HIGH CAPACITY SIGNALLING



MANAGING CONSTRUCTION



SIMULTANEOUS CONSTRUCTION



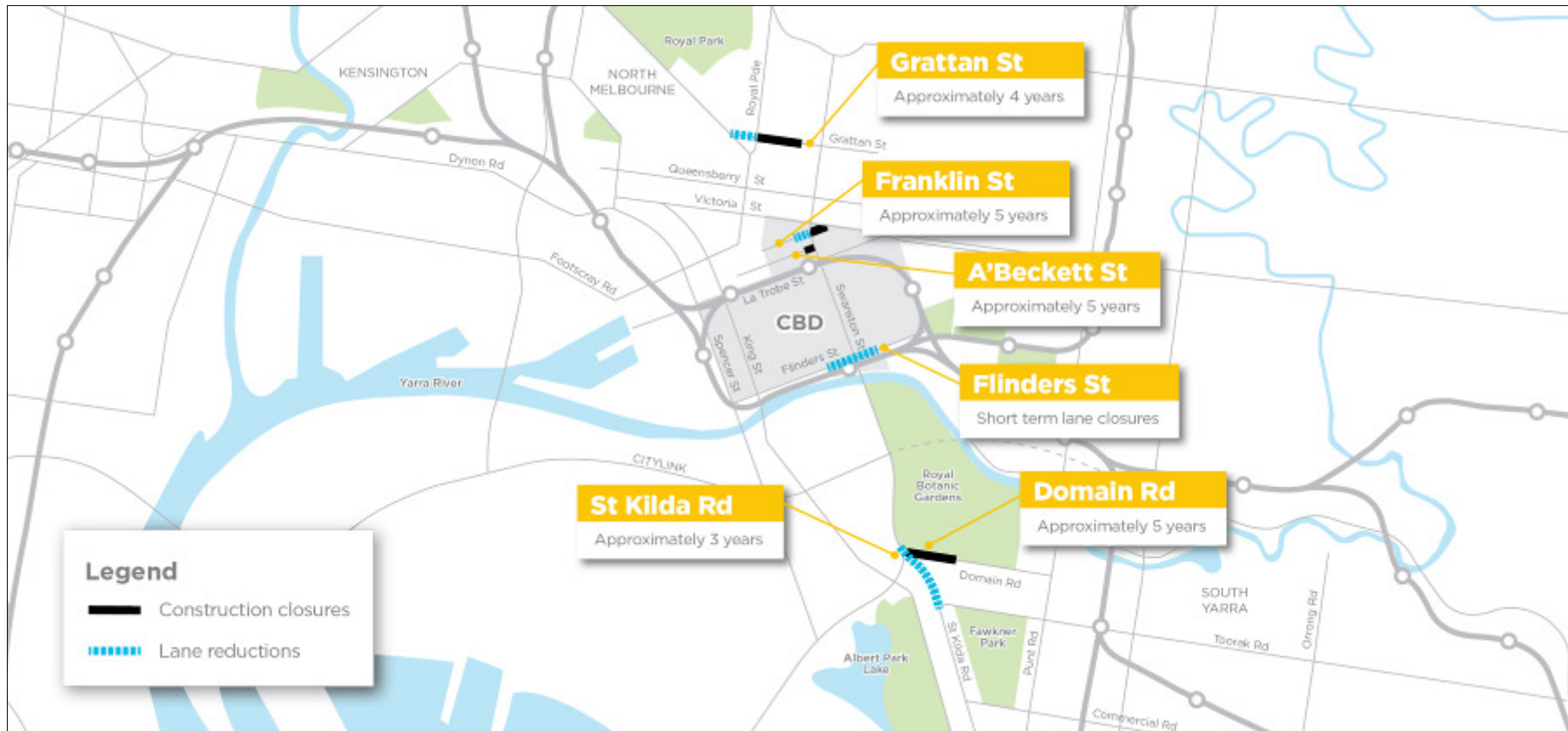


TUNNEL BORING MACHINES



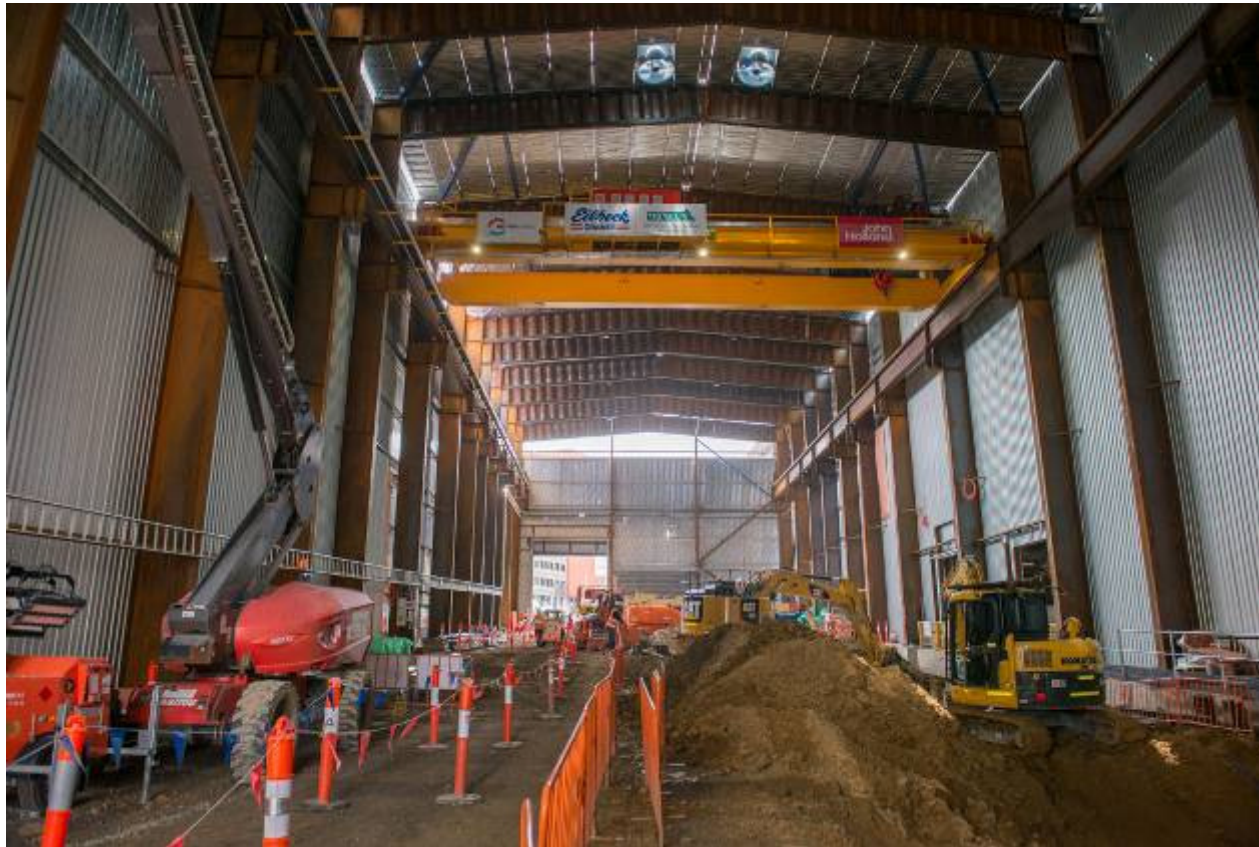


ROAD IMPACTS





ACOUSTIC SHEDS



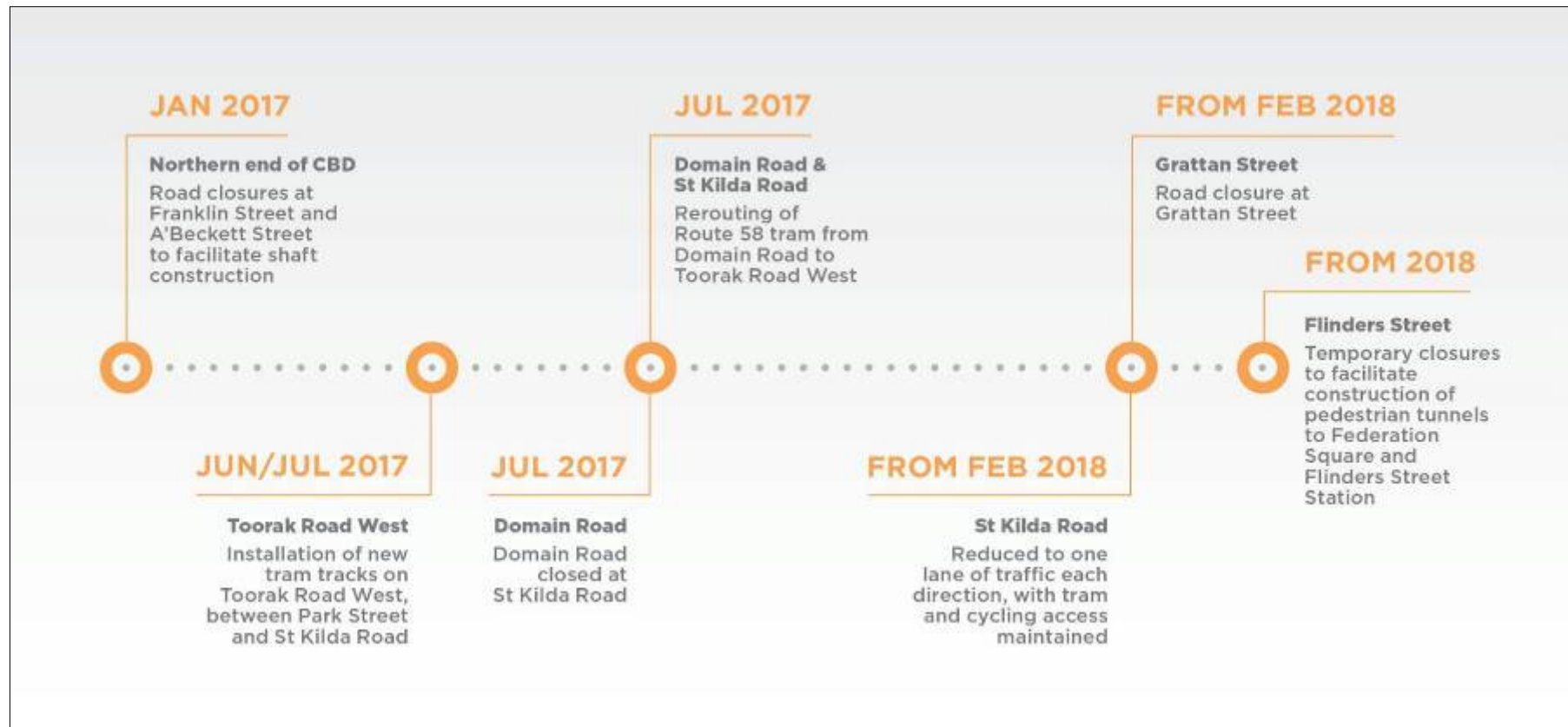


UPGRADING DIVERSION ROUTES





KEY ROAD CHANGES



WORKS UNDERWAY



NORTH MELBOURNE DEMOLITION





PARKVILLE SERVICE RELOCATIONS





FRANKLIN STREET ACOUSTIC SHED





A'BECKETT STREET ACOUSTIC SHED





STATE LIBRARY STATION DEMOLITION





CITY SQUARE CARPARK DEMOLITION



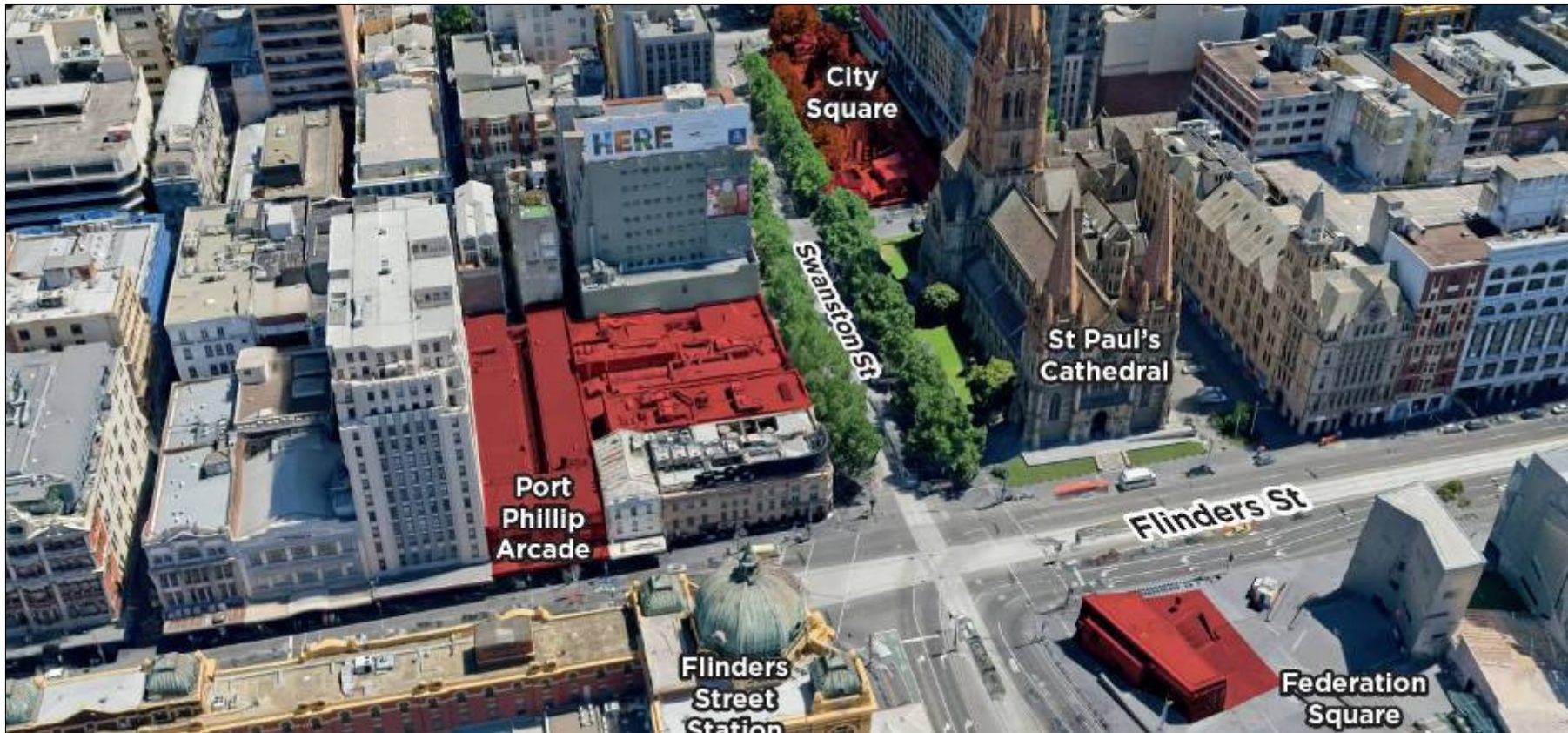


VIEWING AREA





TOWN HALL STATION DEMOLITION





TOWN HALL STATION DEMOLITION





ST KILDA ROAD



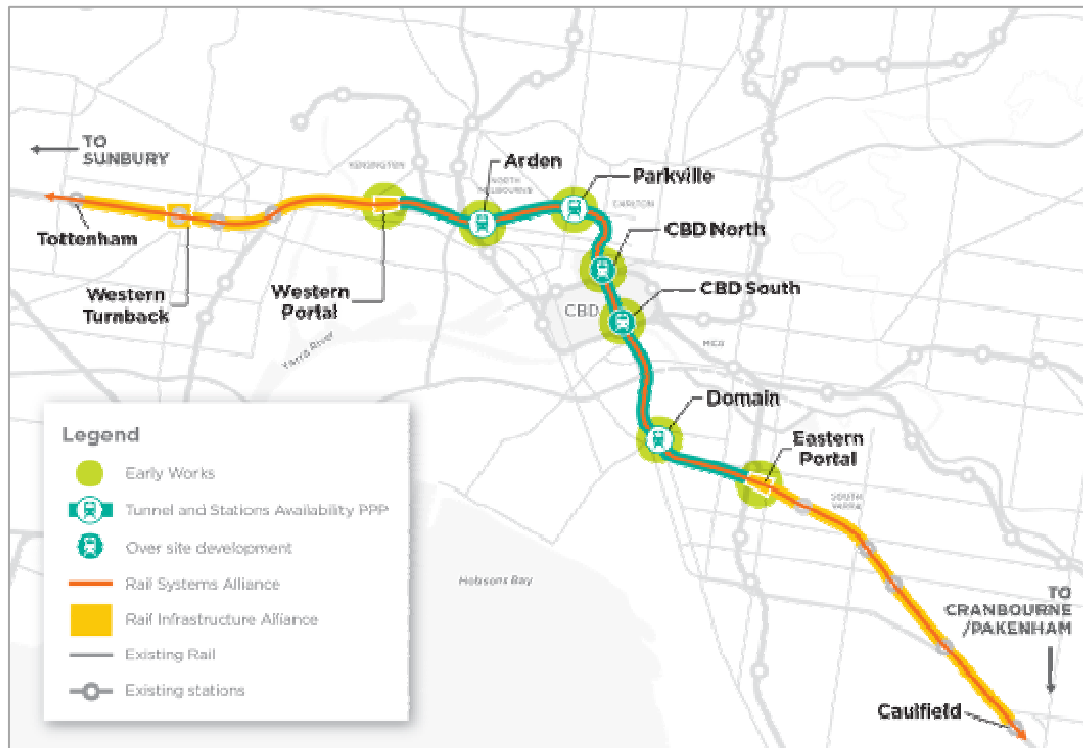


PARK STREET TRAM WORKS





WORK PACKAGES



EARLY WORKS

- Utility services relocation, demolition, CBD access shafts and other preparatory works (Managing Contractor)
- Tram diversion works (Franchisee Works)
- Construction power (Utility Service Provider)

TUNNEL AND STATIONS (AVAILABILITY PPP)

- 9km twin tunnels and five underground stations including fit-out
- Mechanical and electrical systems
- Tunnel and stations maintenance
- Rail systems installation within the tunnel

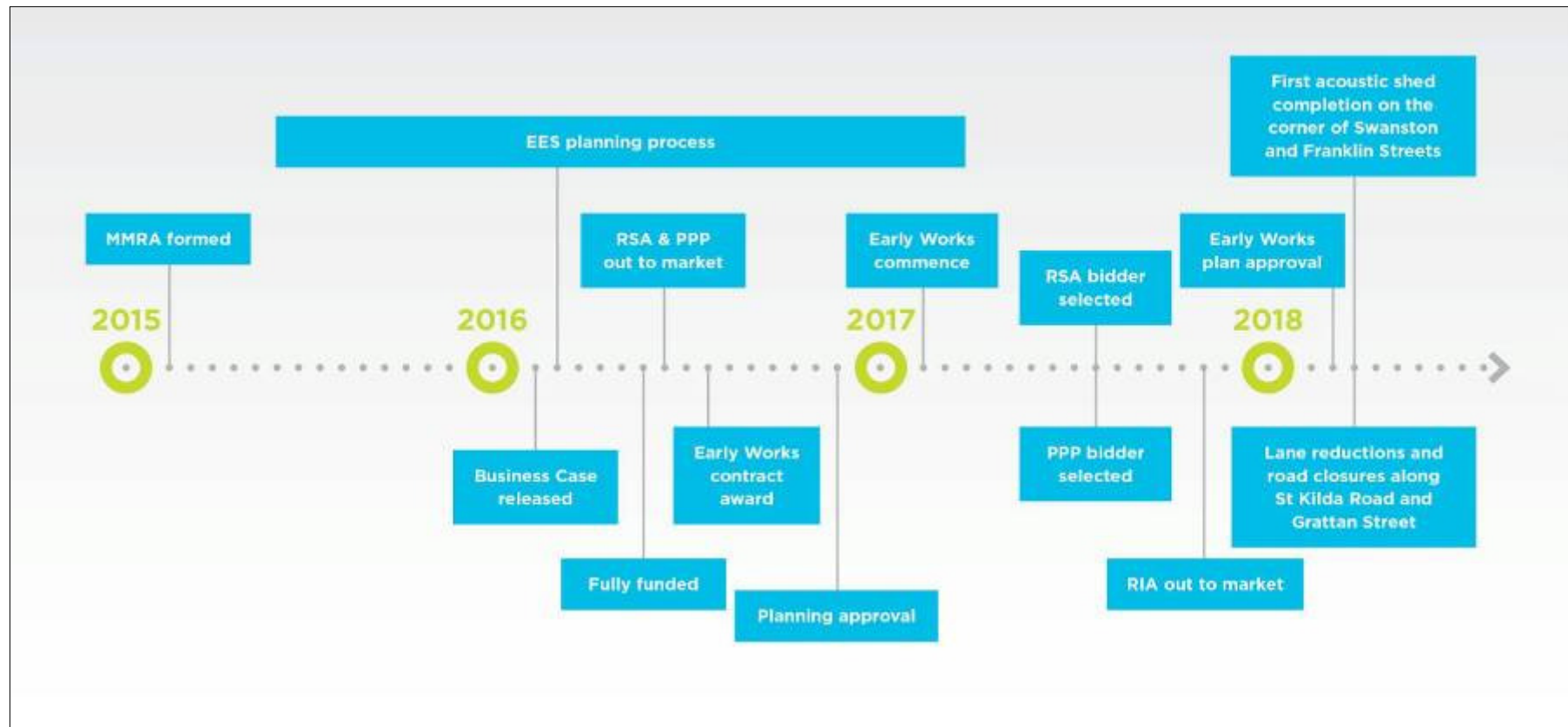
RAIL INFRASTRUCTURE (ALLIANCE)

- Eastern and Western Portals
- Integration of portal with existing rail networks (civil track, overhead line equipment, signalling)
- Eastern and Western Turnback
- Wider network enhancements

RAIL SYSTEMS (ALLIANCE)

- High capacity signalling
- Conventional signalling upgrades and modifications
- Communication systems
- Platform screen doors
- Train control and operational control systems
- Systems integration and end-to-end commissioning

MILESTONES





NEXT STEPS

