



## WORKS NOTIFICATION

### DOMAIN PRECINCT OCTOBER 2019

Major construction is continuing in Domain at the site of the future Anzac Station.

#### Construction snapshot

Since April 2018, the Anzac Station construction site has been split into two sites which comprise of the northern and southern sections of the station box.

In October works to construct the new road and tram tracks running over the south box and extend the northern section of the station box will begin to connect the two sites together.

To facilitate these works, 14 days of 24 hour works are required to realign St Kilda Road. This construction update contains a detailed outline of these works.

Construction works are continuing within the Domain precinct during October and will include:

- 24/7 St Kilda Road realignment
- Installation of tunnelling support machinery at Edmund Herring Oval
- Construction of the acoustic shed
- Excavation and installation of steel support beams through the voids

- Base slab construction in the northern section of the station box
- Site establishment of the new construction area after the St Kilda Road realignment
- Road works in the southern section of the station box.

Further information on these works can be found overleaf or at [metrotunnel.vic.gov.au](http://metrotunnel.vic.gov.au).

#### When are we working?



##### Normal construction hours

7am to 6pm, Monday to Friday  
7am to 1pm, Saturdays

Some activities may be required to continue slightly past these hours. All efforts will be made to complete activities as scheduled.



##### Out of hours

Some works are required to take place out of normal construction hours. The timing of these works are outlined in the construction information overleaf.



##### 24 hours

24 hour works are sometimes required during peak construction activities. The timing of these works are outlined in the construction information overleaf.

#### Project Information Line

# 1800 105 105

24 hours a day, 7 days a week

Press 2 for Metro Tunnel

# WORKS IN YOUR AREA

## St Kilda Road realignment

St Kilda Road between Commercial Road and Anzac Avenue and along Park Street  
13 - 27 October 2019



- Traffic changes will occur during these 24/7 works. Please see page 4 for more information.

## Tunnel boring support site

Edmund Herring Oval  
Ongoing



- Works to construct the tunnel boring machine support site continue at Edmund Herring Oval
- Works will include some deliveries, pipe works and cabling
- October will see the start of testing and commissioning of the support machinery
- These works will continue to take place during the St Kilda Road realignment.

## Acoustic shed construction

Northern section of the station box  
Ongoing until late December



- Construction of the acoustic shed will continue in October
- These works are expected to generate a medium level of noise
- In late October assembly of the three overhead gantry cranes will begin on the western side of the acoustic shed. Assembly will involve some large deliveries via St Kilda Road
- The acoustic shed is being constructed to minimise noise during 24/7 tunnelling activities.

## Excavation

Northern section of the station box  
Ongoing between 7am and midnight  
Monday to Saturday



- Excavation through the voids in the roof slab will continue until mid-October
- Under the station roof, steel beams will be installed as temporary support until the excavation reaches the base level of the station box
- Work activities under the station roof will include earth movers, excavators, craneage and welding of steel beams
- At surface level an excavator will remove soil from inside the station box and load into trucks
- The construction methodology at Anzac Station, whereby the roof was built early in the program, was chosen in order to minimise the noise impacts on surrounding residents. Now that the northern section of the station roof is complete some activities will continue until 12am with the station roof providing noise attenuation

- During these works walkway lighting will remain on for the safety of workers. Directional lighting for works will be orientated away from residents where possible
- These works are expected to generate low to medium levels of noise and will continue to take place during the St Kilda Road realignment.

## Base slab construction

Northern section of the station box  
(under the roof slab)  
Ongoing, Monday to Saturday



- Once bulk excavation reaches the base level of the station box, works will begin to construct the concrete slab that the tunnel boring machine will be launched from
- During construction the main sewer that was built as part of early works for Anzac Station will be protected with reinforcement. This reinforcement will form part of the base slab
- The base slab will be constructed in the same way as the roof slab and will involve installation of formwork, steel fixing, concrete pours and waterproofing.

## Southern section station box works

Corner of Bowen Crescent and St Kilda Road  
Ongoing, Monday to Saturday



- Road works will continue in the southern section of the station box in the lead up to the St Kilda Road realignment
- These road works include laying of new road asphalt and tram tracks, profiling works and laying of concrete sleepers
- Some works may need to extend to 10pm to ensure the site is ready for the St Kilda Road realignment. Works after 6pm will be less impactful and include earthworks, pavement and kerb installation and sleeper laying
- Drainage works, asphalt and kerb works will take place at the intersection of Bowen Crescent and St Kilda Road. These works will require short-term road closures. Further notification will be provided closer to the dates.

## Site establishment works

Northern Section of the station box  
Ongoing



- Once St Kilda Road has been realigned, the northern section of the station site will be extended along St Kilda Road and works to establish the new construction area will begin
- Site establishment works will include the breakout of old road and tram tracks and demolition of retaining walls
- These works will generate a high level of noise.

## Oversized transport

St Kilda Road and Edmund Herring Oval  
Between 3am and 7am



- During October, oversized equipment will need to be taken to and from site during the late night and early morning. This equipment needs to be transported at night to minimise impacts on traffic and trams
- Deliveries will be made to construction sites via St Kilda Road between 3am and 7am. Deliveries won't be unloaded until after 7am. Any removals from site will be pre-loaded and driven straight from site
- All delivery vehicles will be fitted with broadband reverse beepers.

## Overnight Road works

St Kilda Road between Dorcas Street and Kings Way  
2-9 October 2019



- St Kilda Road will closed in one direction between 8pm and 6am in order to complete critical works prior to the St Kilda Road realignment works

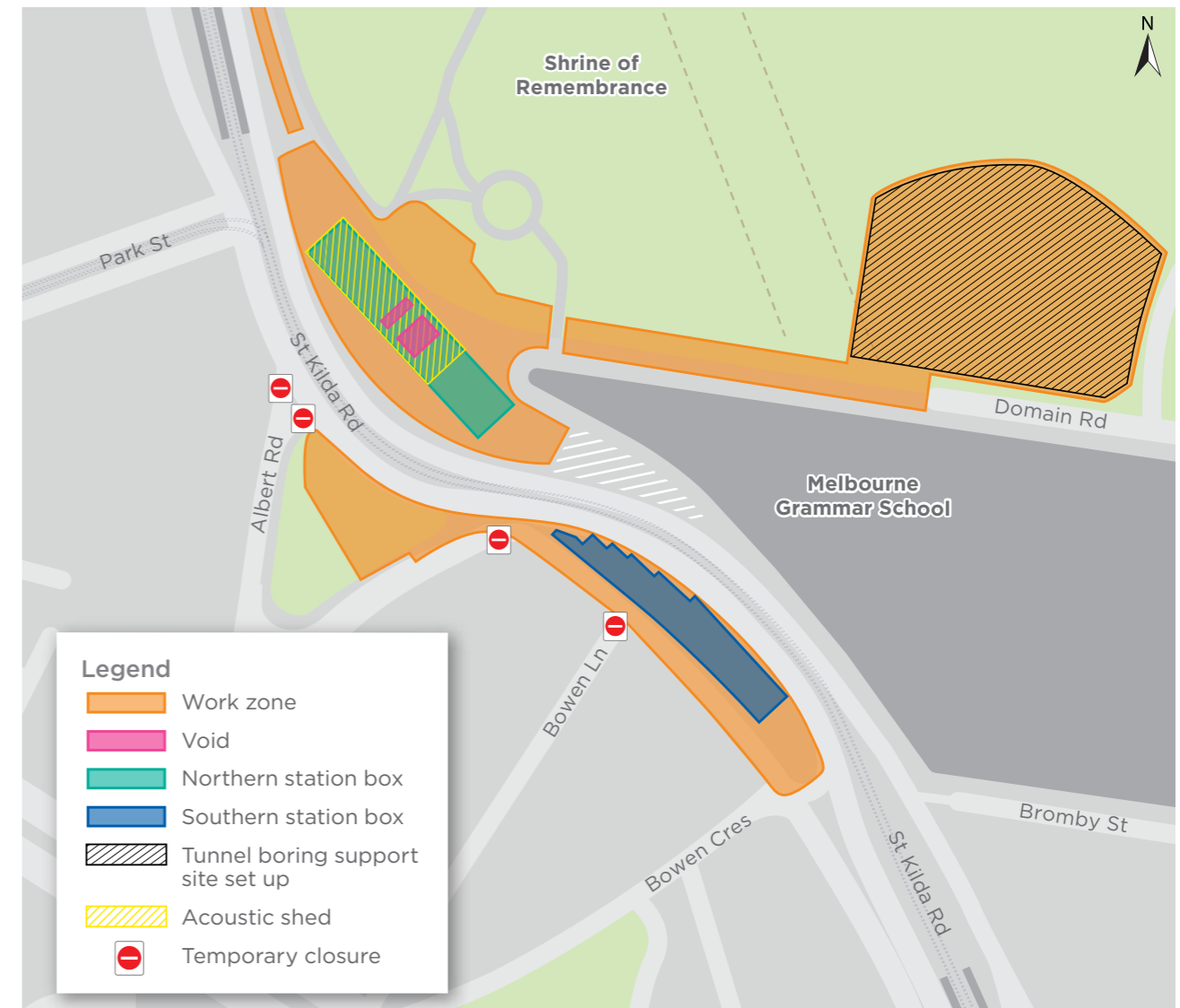
- These works must take place at night to reduce the impact on road users
- During this period construction activities will take place on St Kilda Road between 8pm and 6am (except on Sunday 6 October) Some works will also take place in the south box during this period
- Overnight works will include line marking, kerb installation, asphalt and profiling, laying new tram tracks and earthworks.

## Albert Road traffic impacts

Corner of Albert Road and St Kilda Road  
7 to 27 October 2019



- To allow for storage and lay down areas Albert Road will be closed to vehicle traffic from 7-27 October
- During this time Albert Road traffic will need to enter and exit via Kings Way
- Pedestrian access through the area will remain. Rubbish collection for residents and businesses will be maintained
- The Albert Road North exit onto St Kilda Road will be open from 4pm Monday 7 October until 5am Sunday 13 October.



Anzac precinct work site. Indicative only

# ST KILDA ROAD REALIGNMENT WORKS

13 – 27 OCTOBER 2019

24/7 works to realign the traffic, tram and bicycle lanes on St Kilda Road will take place from 13 to 27 October 2019.

These works will allow the extension of the northern section of the station box and connection of the existing two sections together.

To reduce the impact of these works on the tram, road and bicycle networks, these works will take place 24-hours a day.

The construction team have scheduled the most disruptive works during the day where possible to reduce impacts on local residents.

Works during this period will include decommissioning of tram wires, traffic barrier work, line marking, breakout of existing infrastructure, removal of materials from site and deliveries, drainage works, earthworks, asphaltting, tram track works, tram pole dressing, cable pulling and pile platform works.

These works will be disruptive and will include periods of high-level noise and some vibration.

## Traffic and transport impacts

### Buses replacing trams

Tram replacement buses will be in operation on St Kilda Road between Stop 19 – Shrine of Remembrance and Stop 25 – Commercial Road from 8.30pm Sunday 13 October to Sunday 27 October.

- Buses will replace routes 3, 3a, 5, 16, 64 and 67 (Route 67A) between Stop 19 – Shrine of Remembrance and Stop 25 – Commercial Road
- Buses will replace Route 6 between Stop 19 – Shrine of Remembrance and Stop 53 – Malvern Road
- Buses will replace Route 58 between Stop 119 – Wells Street and Stop 123 – Fawcner Park
- Buses will replace Route 72 between Stop 19 – Shrine of Remembrance and Stop 26 – Alfred Hospital

Visit [ptv.vic.gov.au](http://ptv.vic.gov.au) for more information.

### Road network changes

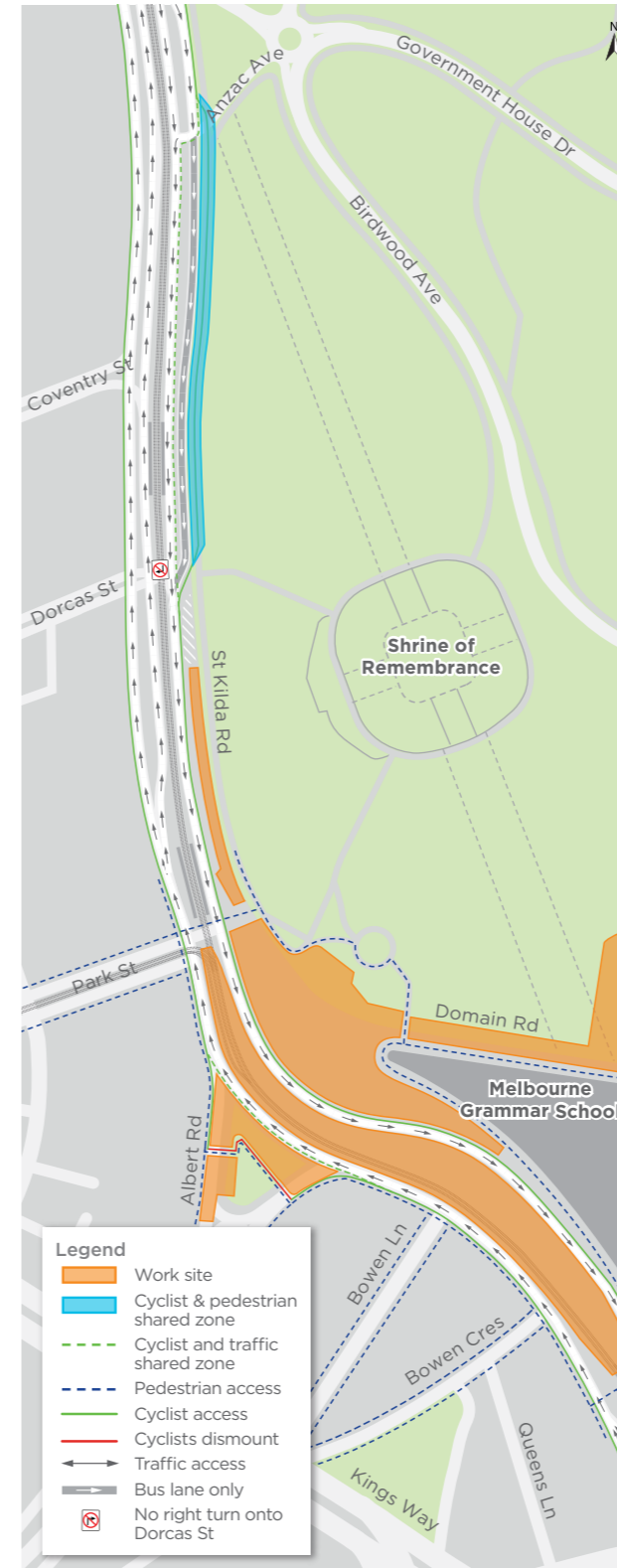
There may be some delays for motorists heading towards St Kilda Road due to the number of bus replacement services sharing the single lane of traffic between Dorcas Street and Kings Way/ Toorak Road West.

You may wish to consider alternative routes of travel between the south-eastern suburbs and the central business district (CBD) such as Kings Way, Queens Road, Canterbury Road, Ferrars Street and Beaconsfield Parade.

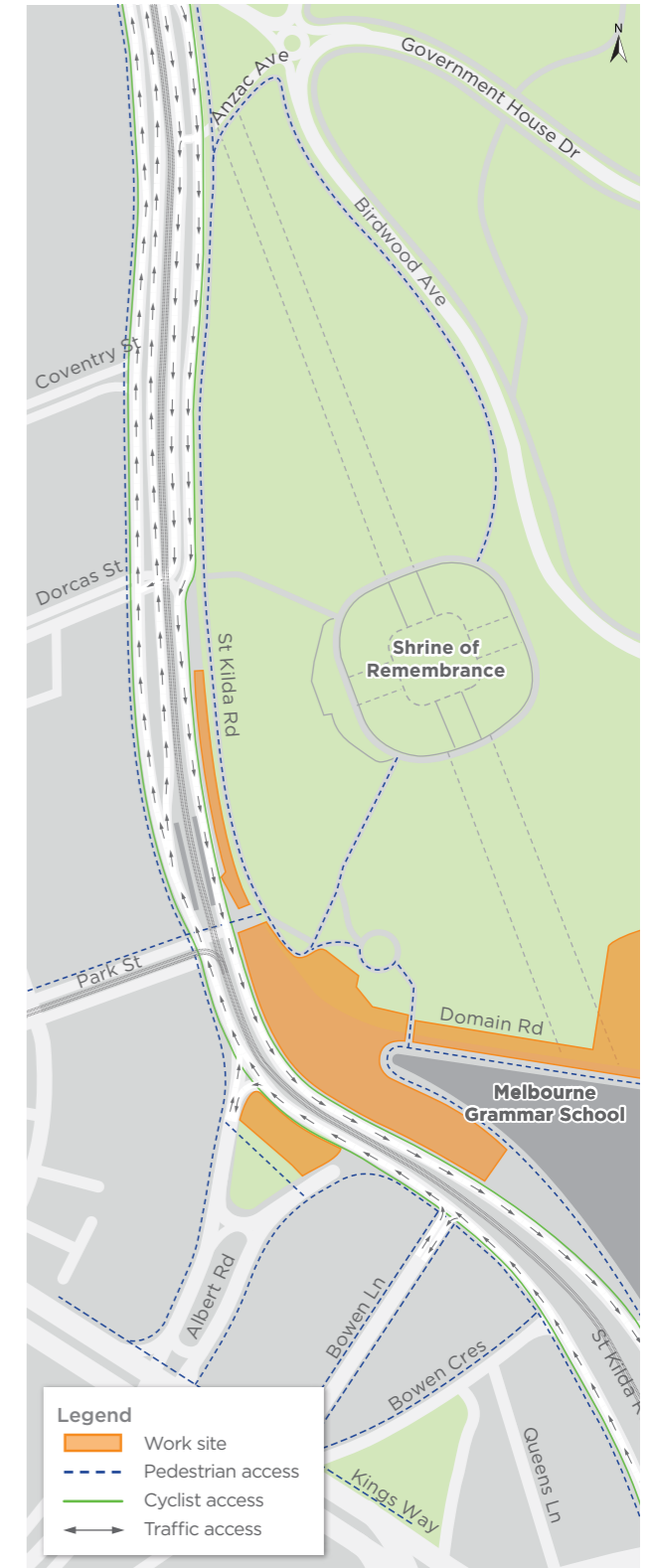
## 1 Current site and traffic arrangement



## 2 Traffic changes during realignment works



## 3 Traffic changes after realignment works



There will be some temporary changes to the road network during the 24-hour works which include:

- No right turn from St Kilda Road into Dorcas Street (as per April 2018 occupation)
- Left turn only from Park Street into St Kilda Road (local access only)

- Hallmark Driveway access point enabled via right turn on Park Street west bound
- Albert Road North closed to vehicles entering from St Kilda Road. Exit from Albert Road North on to St Kilda Road will remain open.

All maps are indicative only and subject to change

### Cycling lane changes

There will be some temporary changes to the cycle lanes during the 24/7 works which include:

#### Southbound

Tram replacement buses will take up the outer lanes of St Kilda Road between Coventry Street and Dorcas Street. Cyclists will have the option to stay on the single lane of traffic along St Kilda Road with no bike lane. The current bike lane will be occupied by a replacement bus parking area. Speed limits in this section will be reduced to 30km/h and the road will be marked. Alternatively, cyclists can use the shared user path that runs adjacent to the Shrine grounds. See map.

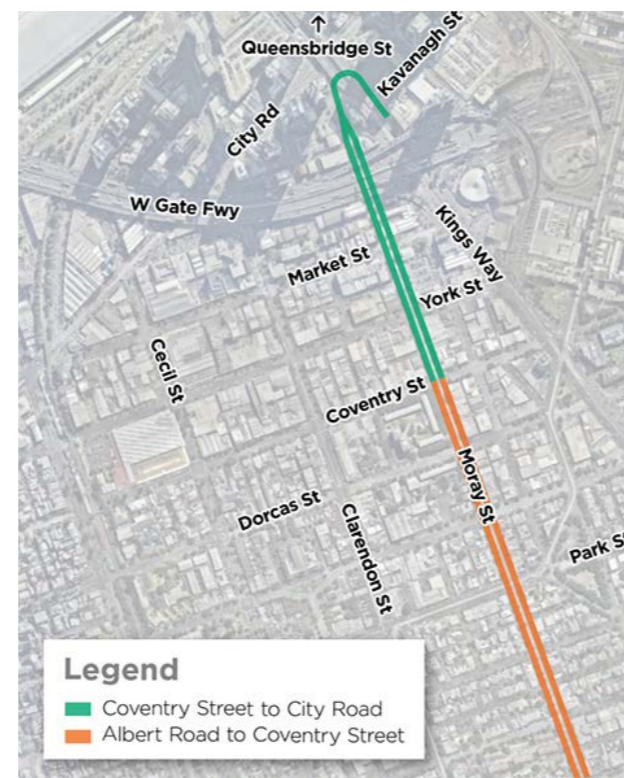
#### Northbound

The section of the cycle lane on St Kilda road adjacent to Albert Reserve will be occupied during construction, cyclists will have the option to stay in the single lane of traffic through this section. Speed limits in this section will be reduced to 30km/h and the road will be marked accordingly. Alternatively, cyclists can detour down Albert Road South, dismount and walk the bike 40m through Albert Reserve, and resume cycling on St Kilda Road via Albert Road North. See map.

#### Alternative cycling route

As part of the Metro Tunnel Project, the Moray Street bike path has been updated to provide cyclists with a safe and reliable alternative north-south route during Metro Tunnel works on St Kilda Road. See map.

### Cyclist option via Moray Street



Indicative only

### Construction impacts

Works to realign St Kilda Road will take place 24 hours a day between 13-27 October. The construction team have scheduled the most disruptive works during the day wherever possible to reduce impacts on local residents. The table below outlines the construction activities and their anticipated noise levels.

The project team anticipate that the first week of works will be the noisiest, while the noise levels will drop off significantly the following week as the focus of the works turns to finishing the tram wire infrastructure.

During the noisier works, the Metro Tunnel Project team will consider relocation for residents with special circumstances. Any residents concerned about the works are encouraged to contact the project team via the 24/7 project information line on **1800 105 105**.

### A breakdown of construction activities during the realignment

Activity	Explanation
<b>Traffic barrier work</b>	To create a safe work environment, we will set up concrete barriers around the worksite using a mobile crane.
<b>Decommissioning of tram wires</b>	Yarra Trams will depower the overhead wires and drop them down for removal from site. This will involve trucks with elevated work platforms.
<b>Line marking</b>	The new road alignments will need new lines, a machine will be used to paint new traffic lines on roadways, this activity is relatively quiet. The removal of redundant lines from roadways is noisier, as this is done using high pressure water.
<b>Breakout</b>	In the areas we need to build new tram tracks, we'll use road saws, jackhammers on excavators to break up the existing asphalt and concrete. This is the noisiest activity during the works.
<b>Removal of materials from site</b>	Excavators will then scrape up the broken-up concrete and asphalt, load it into trucks and remove it from site.
<b>Drainage works</b>	This involves the construction new drainage systems such as concreting in new gutters and laying pipes.
<b>Earthworks</b>	During the earthworks, soil will be brought in for backfill, there will be some compaction and vibration rollers required to build strong, level platform to construct roads and footpaths.
<b>Asphalting</b>	Asphalting trucks will pour and set the new road alignment.
<b>Tram track works</b>	Crews will be laying the new sleepers in place before the track is brought in and affixed to the sleepers. This will involve the use of welding equipment and occasional sawing of pieces of rail.
<b>Tram pole dressing</b>	Yarra Trams crews will install the overhead wires used to power trams. This will involve the use of an elevated work platform with crews progressively making their way along the tracks.
<b>Cable pulling</b>	Crews will pull underground cables from a section under Park Street and St Kilda Road.
<b>Minor finishing works</b>	General works to prepare for the next day and to put the finishing touches on the new alignment.
<b>Piling platform</b>	Piling platform works include the excavation of the top layer of soil and relocation of any existing utilities. The excavation will be backfilled with a layer of crushed rock which will be compacted using a roller. A slab of concrete will then be poured on top to create a flat surface.
<b>Test Tram</b>	Testing the tram on new tracks and wires to ensure safety before the trams are reopened for the public.

### Construction activities during the realignment and how they may affect you

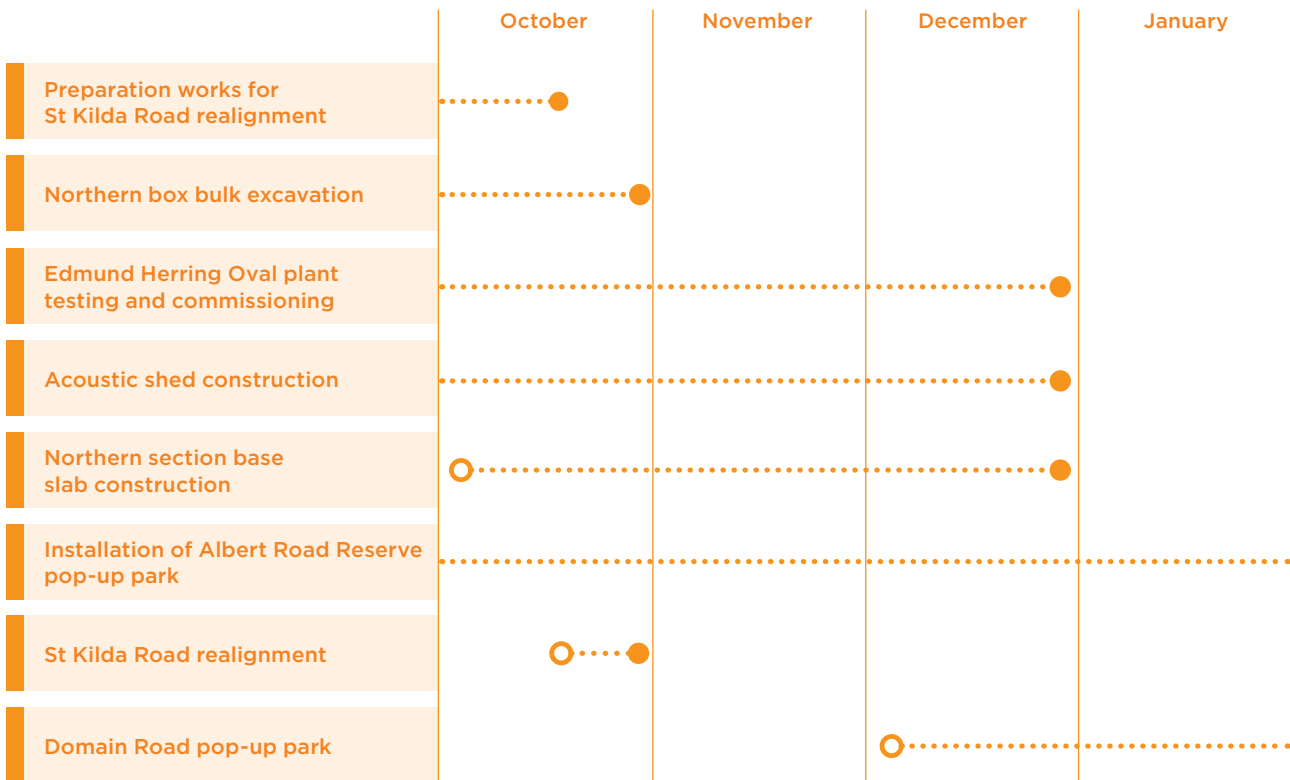
Works	October														
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Decommissioning of tram wires	☾														
Traffic barrier work & line marking	☀️	☀️							☾					☾	
Breakout	☀️	☀️	☀️	☀️	☀️				☀️	☀️	☀️	☀️			☀️
Removal of materials from site	☀️	☀️	☀️												
Drainage works		☀️	☀️	☀️											
Earthworks		☀️	☀️	☀️											
Asphalting			☀️	☀️	☀️	☀️	☀️	☀️							
Tram track works			☀️	☀️	☀️										
Tram pole dressing									☀️	☀️	☀️	☀️	☀️	☀️	
Cable pulling									☾				☾		
Minor finishing works										☾	☾	☾			
Piling platform											☀️	☀️	☀️		
Test trams														☀️	
Trams resume															☀️

Indicative only, times and dates subject to change

☀️ Day works    ☾ Night works:    ☾ Low noise    ☾ Medium noise    ☾ High noise

☾ Low noise    ☾ Medium noise    ☾ High noise

# 4 MONTH LOOK AHEAD FOR 2019/2020



Indicative only



## Business support



While the Metro Tunnel Project will be a significant boost for Melbourne, construction activities in a busy environment can be challenging for local businesses. In response to this, our Business Support team assists businesses through the disruption and any

permanent changes that take place. Please see the offer in this notification from **Albert Road General Practice, 1R/38 Albert Road, Melbourne**. We look forward to promoting more local businesses as the Project progresses.

## More information

To find out more about the Metro Tunnel Project and register for future email updates:

-  [metrotunnel.vic.gov.au](http://metrotunnel.vic.gov.au)
-  1800 105 105 (24 hours a day, 7 days a week)  
Press 2 and follow the prompts

-  [facebook.com/metrotunnel](https://facebook.com/metrotunnel)
-  Subscribe to eNews or construction notification emails: [metrotunnel.vic.gov.au/subscribe](mailto:metrotunnel.vic.gov.au/subscribe)

 Interpreter Service (03) 9209 0147

It should be noted that this information is current at the time of printing, however due to unforeseen circumstances, changes may occur. Please visit [metrotunnel.vic.gov.au](http://metrotunnel.vic.gov.au) for the latest updates.



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