



CONSTRUCTION UPDATE

NORTH MELBOURNE FEBRUARY - MARCH 2020

Major construction of the Metro Tunnel is continuing in and around the site of the new Arden Station. This update provides an outline of current and upcoming works in your area throughout February and March.

Construction snapshot

Work at the site of the new Arden Station during February and March involves:

- Tunnelling from Arden Station towards Kensington, including TBM breakthrough, retrieval and transport
- Out of hours oversize deliveries to and from site
- Station box construction, including concreting of the internal station walls
- Slurry treatment plant, water treatment plant and concrete batching plant operation
- Utility investigations on Laurens, Barwise and Queensberry streets
- Surveying, and sampling and testing of groundwater and soil
- Transporting concrete from the concrete batching plant to other Metro Tunnel Project construction sites
- Ground improvement works on Lothian Street, North Melbourne
- Site establishment and demolition works for the North Melbourne electrical substation.

Further information on these works can be found overleaf or at 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.

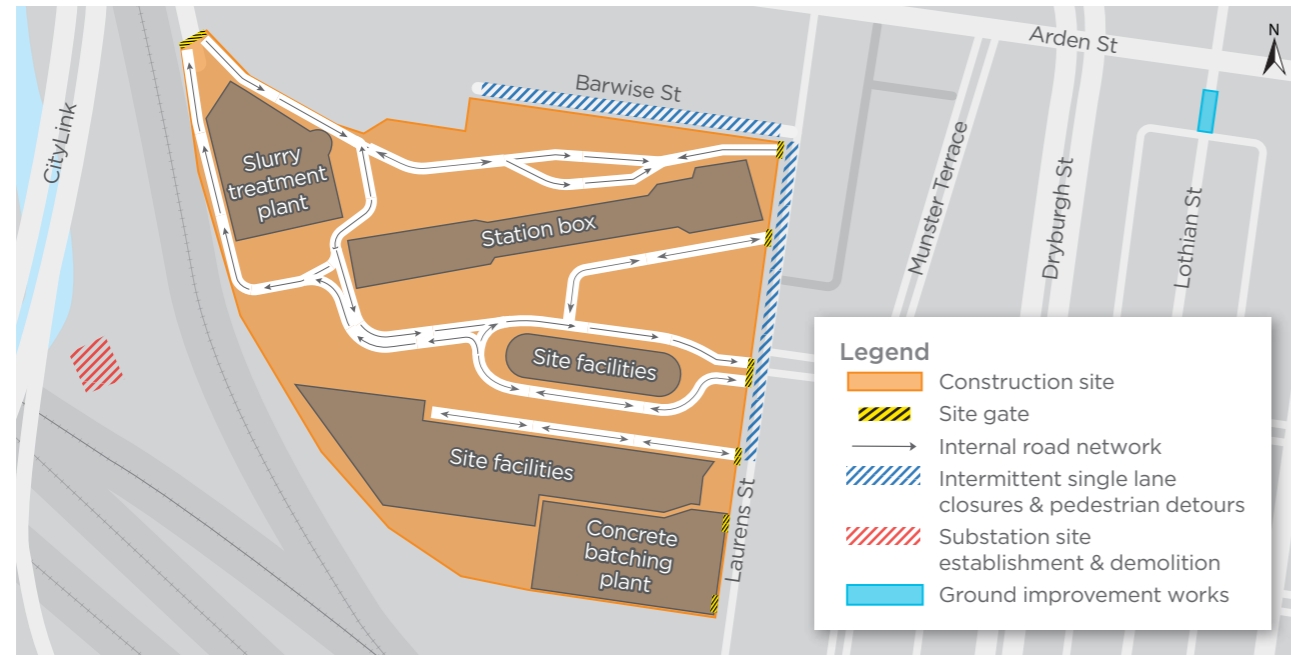
Project Information Line

1800 105 105

24 hours a day, 7 days a week

Press 2 for Metro Tunnel

WORKS IN YOUR AREA



Arden Station construction site. Indicative only

Tunnelling

From Arden Station towards Kensington
Ongoing until early 2020



- The project's first two TBMs continue tunnelling from the site of the new Arden Station towards Kensington
- Tunnelling and the operation of associated support services, including the slurry treatment plant, grout pumps and segment facility, will occur 24 hours a day, seven days a week
- The project's first TBM is expected to arrive at the TBM retrieval shaft being constructed in Kensington in mid-February
- The TBM cutterhead and front shield sections will be cleaned and disassembled before being removed from the retrieval shaft and loaded onto trucks using a crane. The rear (gantry) sections of the TBM will travel back to the site of the new Arden Station through the constructed tunnel. Each TBM is expected to take approximately four weeks to retrieve
- Oversized TBM parts will be transported at night, subject to permits. See the traffic and transport impacts section for further information
- Tunnelling from the site of the new Arden Station towards Parkville will occur from mid-2020.

Station box construction

New Arden Station site
Ongoing until late 2020



- Oversized deliveries will occur at night, when roads are quieter
- Removing steel struts from within the station box using hand tools and cranes

- Constructing the internal walls and middle (concourse) level of the station using cranes, concrete trucks and pumps
- At times, these activities may need to be undertaken at night and are expected to generate low to medium levels of noise
- Concrete pouring activities may commence before 7am and extend beyond 6pm, Monday to Saturday. This may include the early arrival of concrete trucks to site and operation of the concrete batching plant
- Unless otherwise notified, construction vehicles will enter and exit the site via Arden Street after 6pm.

Ground improvement works

Lothian Street, North Melbourne
Ongoing until late-May 2020



- Ground improvement works are continuing on Lothian Street. Works involve drilling holes underground and injecting grout from the surface of the road into the ground
- Testing the strength of the ground improvement works by drilling a core hole to confirm the quality of the works undertaken
- These works involve the use of a drilling rig, grout pump and associated support equipment
- Lothian Street is closed between Arden Street and the southern entrance to Little Dryburgh Street North and Little Lothian Street North
- The intersection of Lothian Street, Little Dryburgh Street North and Little Lothian Street North, south of Arden Street, will reopen outside of work hours to allow for traffic to travel east-west between Little Dryburgh Street North and Little Lothian Street North

- Traffic and pedestrian detours will be in place. Pedestrian access around the work site will be maintained at all times with signage and traffic controllers on site.

North Melbourne substation site establishment and demolition works

North Melbourne
Ongoing until March 2020



- The North Melbourne substation is an essential piece of infrastructure that will provide a high-voltage connection between the West Melbourne Terminal Station, located adjacent to the Moonee Ponds Creek, and the site of the new Arden Station.
- Construction will be carried out in stages, the first stage involves the installation of fencing and hoarding around the site perimeter, equipment deliveries to site and the demolition of old infrastructure.
- For more information on the North Melbourne substation visit metrotunnel.vic.gov.au.

Utility investigation works

Laurens, Barwise and Queensberry streets, North Melbourne
Ongoing until early 2020



- Service investigations will be undertaken in Laurens, Barwise and Queensberry streets
- This involves using non-destructive drilling (NDD) trucks to locate underground services and reinstating the road surface and line marking
- These works may include intermittent impacts to traffic and on-street parking. See the 'traffic and transport impacts' section ovelaef and the map for further information.

- These activities are expected to generate periods of medium to loud levels of noise

Site maintenance activities

New Arden Station site
Ongoing



- Ongoing site maintenance activities including modifications to laydown areas and existing gates and hoarding on Laurens and Arden streets
- Survey, and sampling and testing of groundwater and soil
- Testing and maintenance of site equipment and plant.

Update on Metro Tunnel Station name

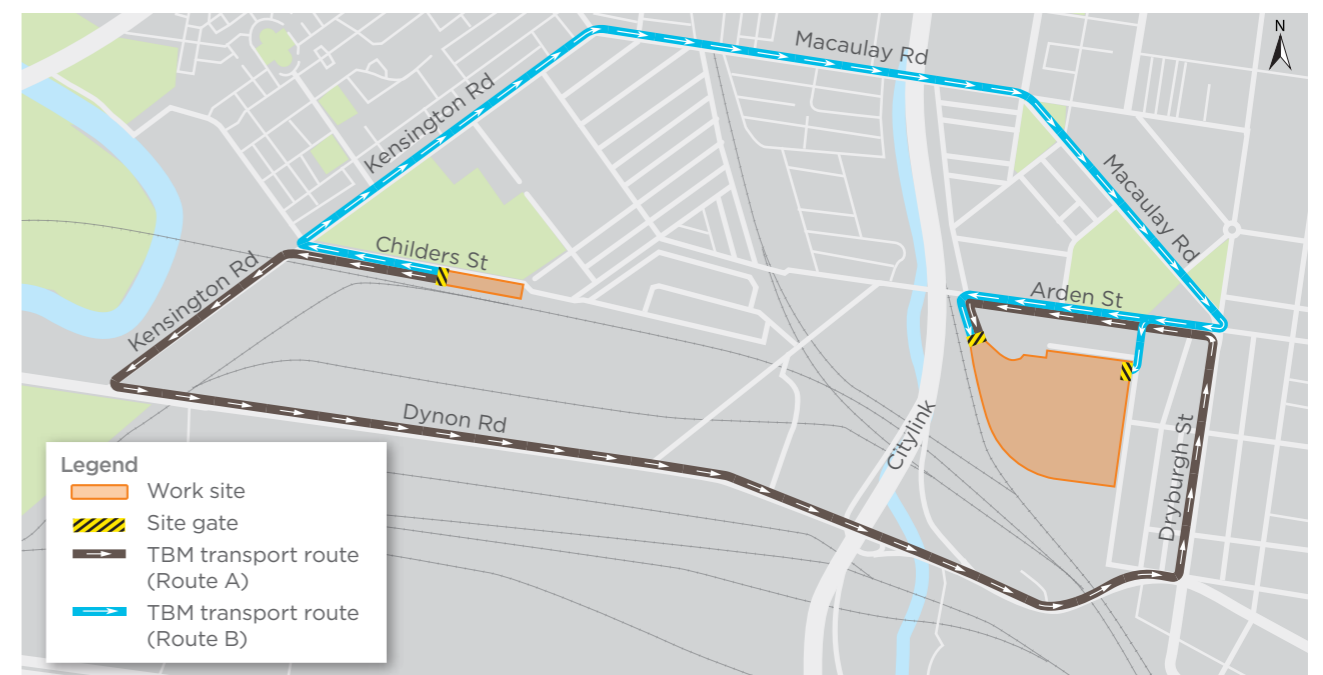
In late 2017, the names of the five new train stations being built as part of the Metro Tunnel Project were announced.

It was announced the new Metro Tunnel station being built in the suburb of North Melbourne near Arden Street would be named North Melbourne, while the existing North Melbourne Station would be re-named West Melbourne.

After detailed technical investigations, it has been determined that the existing North Melbourne Station will retain its name and the new Metro Tunnel station will be named Arden.

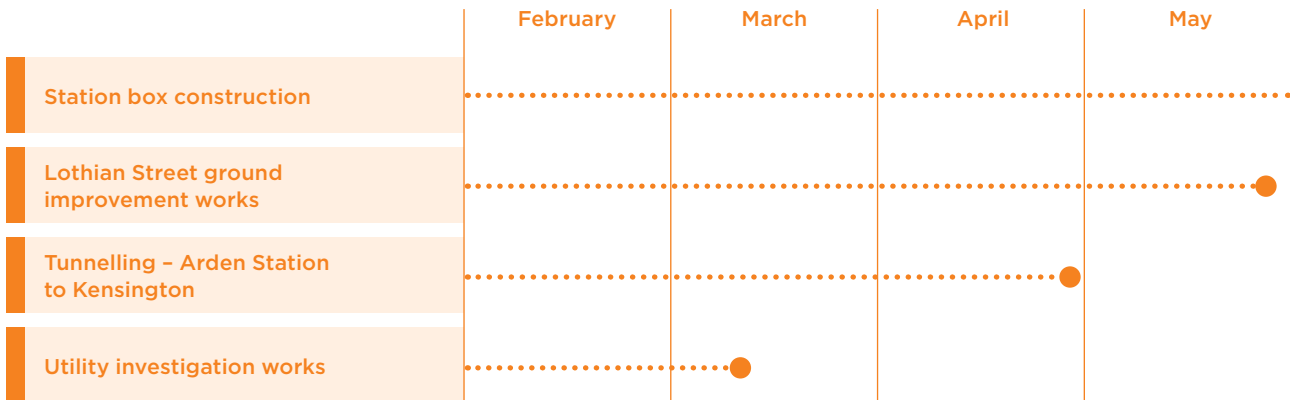
Arden Station will be located in the middle of a thriving new jobs and residential hub that will be established as part of the Arden Urban Renewal Precinct. As part of this, the existing Arden industrial precinct will be transformed into a major employment and residential destination that will create up to 34,000 jobs and house up to 15,000 people.

TBM delivery transport routes



Indicative only

LOOK AHEAD FOR 2020



Program is indicative and subject to change

Traffic and transport impacts

- Up to 200 trucks per day are expected to travel to and from site during February and March. Construction vehicles and trucks will access the site via Laurens and Arden streets
- All trucks carrying excavated materials will be covered, and water carts and street sweepers will be used to minimise the spread of dust
- Rumble grids have been installed to remove debris from the wheels and carriages of vehicles to minimise the spread of dirt on local roads.

TBM part transport

- Oversized TBM parts will be transported at night, subject to permits
- These loads will be transported back to the new Arden Station site via Kensington Road, Dynon Road, Dryburgh Street and Arden Street
- Some loads, which are unable to fit beneath bridges on this route will travel via Kensington Road, Macaulay Road and Arden Street (see map on page 3)

- Some delays to traffic may be experienced on these routes while TBM parts are being transported
- Oversized TBM deliveries will occur mainly via Gate A1 on Arden Street. Due to the size of some parts, some deliveries will need to occur via Gate L1 on Laurens Street.

Utility investigation works

- Utility investigations will involve the intermittent closure of Laurens and Barwise streets down to one lane. Traffic will be maintained in both directions via a shuttle flow arrangement
- Some on-street parking spaces may be temporarily impacted on Barwise, Queensberry and Laurens streets
- Sections of footpath on Laurens Street, adjacent to works, may be temporarily closed during works
- Access to businesses will be maintained at all times
- Signage and traffic controllers will be in place to direct vehicles, cyclists and pedestrians around the work area.

More information

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

- 🌐 metrotunnel.vic.gov.au
- ☎ 1800 105 105 (24 hours a day, 7 days a week)
Press 2 and follow the prompts

- 📘 facebook.com/metrotunnel
- ✉ Subscribe to eNews or construction notification emails: 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 for the latest updates.