



CONSTRUCTION UPDATE

NORTH MELBOURNE

APRIL 2020

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

Construction snapshot

The project's first two tunnel boring machines (TBMs) have finished tunnelling from the Arden Station site towards Kensington. Work at and around the Arden Station site during April involves:

- Retrieval and transport of TBM components from Kensington back to the Arden Station site, where the TBMs will be reassembled and relaunched
- 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
- Intermittent 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 site reinstatement works on Lothian Street, North Melbourne
- Ongoing service investigations and site establishment 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

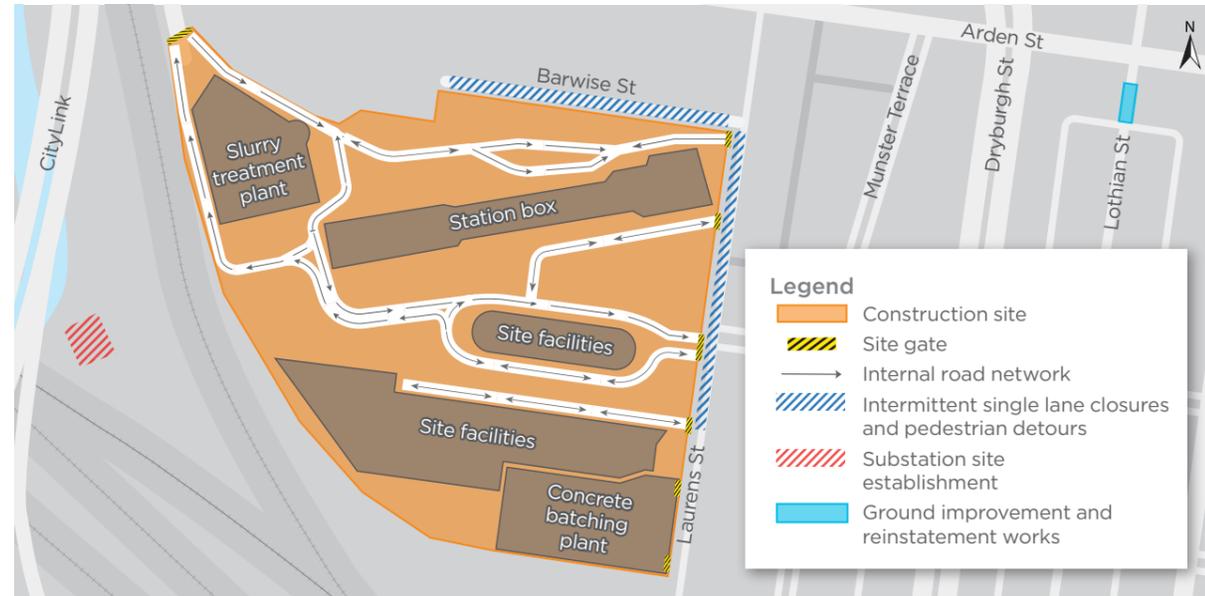
Press 2 for Metro Tunnel



Construction partner:



WORKS IN YOUR AREA



Arden Station construction site. Indicative only

TBM retrieval and reassembly

Arden Station site
Ongoing until June 2020



- Tunnelling between the Arden Station site and Kensington is complete
- Components of the TBMs' front shields will be transported back to the new Arden Station site on trucks. The rear (gantry) sections of the TBMs will be returned to the station box via the completed section of tunnel
- Oversized TBM parts will continue to be transported at night on trucks, subject to permit conditions. Further information is provided in the traffic and transport section overleaf
- Once back at site, TBM parts will be cleaned using high-pressure hoses and lowered into the eastern (Laurens Street) end of the station box to be reassembled
- Property condition surveys are being offered to eligible properties on the tunnel alignment based on a detailed environmental assessment. Offers are being made progressively, from Arden Station towards Parkville
- Tunnelling from the Arden Station site towards Parkville is expected to commence in mid-2020. Properties located near tunnelling works will be contacted with further information before tunnelling occurs in their area.

Station box construction

Arden Station site
Ongoing



- Removing steel struts from within the station box using hand tools and cranes

- Constructing the internal walls 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
- Oversized deliveries will occur at night, when roads are quieter and subject to permit conditions
- Unless otherwise notified, construction vehicles will enter and exit the site via Arden Street after 6pm.

Site maintenance activities

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.

Utility investigation works

Laurens, Barwise and Queensberry streets, North Melbourne
Ongoing until mid-2020



- Service investigations will be undertaken intermittently in Laurens, Barwise and Queensberry streets

- This involves the use of non-destructive drilling (NDD) trucks to locate underground services and reinstating the road surface and line marking
- These activities are expected to generate periods of medium to loud noise
- These works may include intermittent impacts to traffic and on-street parking. See the 'traffic and transport impacts' section overleaf and the map (left) for further information.

Ground improvement and reinstatement works

Lothian Street, North Melbourne
Ongoing until May 2020



- Jet grouting to improve the condition of the ground beneath Lothian Street is complete
- The final stage of works involves testing the strength of the ground improvement works by drilling core holes to confirm the quality of the works undertaken
- Lothian Street will remain closed between Arden Street and the southern entrances to Little Dryburgh Street North and Little Lothian Street North until testing and reinstatement is complete
- 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

Traffic and transport impacts

- Up to 200 trucks per day are expected to travel to and from site during April. 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 at metrotunnel.vic.gov.au)

- Plant and equipment will be loaded onto trucks using a crane and removed from site
- Concrete spoil bays will be broken up using an excavator-mounted jackhammer and removed from site on trucks
- Reinstatement involves asphaltting the section of road within the work site, installing new centre medians, kerbs and garden beds, and returning on-street parking to previous conditions
- Removed trees will be reinstated in consultation with City of Melbourne.

North Melbourne substation site establishment

North Melbourne
Ongoing until May 2020



The North Melbourne (Intake) Substation Development Plan has now been approved by the Minister for Planning, and construction is expected to commence in mid-2020. Site establishment works are ongoing and involve:

- The demolition of old infrastructure is now complete
- Service investigations using NDD trucks to locate underground services
- Site establishment activities, including the installation of site fencing and hoarding
- Further information will be provided before construction of the substation commences
- For more information on the North Melbourne substation visit metrotunnel.vic.gov.au

- 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.

LOOK AHEAD FOR 2020



Program is indicative and subject to change

Health and safety

The health and safety of our workers is our key priority as we continue to deliver the Metro Tunnel Project, as is supporting social distancing measures in line with current health advice.

We have strict protocols in place to protect the safety of our construction workforce, including

enhanced industrial cleaning arrangements, provision of personal protective equipment and measures to reduce staff contact, including staggered shifts.

For more information and advice about the outbreak of Coronavirus, please visit coronavirus.vic.gov.au.

Business support

Now more than ever, local businesses near our construction sites need your support. In these uncertain times, businesses are doing it tough. Where possible, and in line with Government advice, please continue to shop local, and show your support.

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.