

Construction update

North Melbourne

April and May 2023

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

Construction snapshot

In April and May, works within and surrounding the Arden Station site will include:

- Arden Station entrance construction
- Station services building construction, equipment installation and fit-out
- Station fit-out, including platform, concourse and equipment rooms
- Mechanical, electrical and plumbing (MEP) service installation, testing and commissioning
- Tunnel fit-out works including installation of walkways and brackets
- Utility and drainage installation, relocation and upgrade works on Arden, Barwise and Laurens streets
- Legacy kerb and roadworks on Barwise and Laurens streets
- Electrical substation, public realm and landscaping
- Surveying, sampling and testing of groundwater and soil
- Out of hours oversize deliveries to and from site
- Concrete batching plant operation
- Transportation of concrete from the batching plant to other Metro Tunnel Project construction sites.

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.



Out of hours

Some works are required to take place out of normal construction hours.



24 hours

24 hour works are sometimes required during peak construction activities.

Construction partner:



Works in your area

Arden Station entrance construction

Arden Station site

Ongoing until late 2023



- Glazing and screeding of the final skylight
- Backfilling over the station box and around the skylight area
- Concrete pours to establish entrance landscaping perimeters and surrounding walls
- Removal of the temporary gantry shed and treatment plant
- Demolition of a retaining wall to support earlier construction activities and waterproofing works
- Continuing Station Lane and Laurens Lane construction, including road formation, stormwater, utilities and landscaping works
- Continuing concreting, paving and landscaping works to develop the station terrace that will connect the station entrance to Laurens Street
- Continuing excavation of swale drains through the site. There will be an increase in truck movements in and out of the Laurens Street site gate in May and June as soil is transported from site.

Services building construction and fit out

Arden Station site

Ongoing until mid-2023



- Finalising fit out work including metalwork, carpentry, door and hardware installation and painting
- Mechanical, electrical and plumbing works
- Progressive testing, commissioning and energisation of the main equipment rooms.

Station fit out

Arden Station site

Ongoing until mid-2023



- Continuing installation of cabling for the platform screen doors
- Installing aluminium cladding, ceiling features and colour back glass walls
- Installing lighting, CCTV systems and back of house finishes
- Continuing tiling on the concourse level and commencing tiling on the platform level
- Ducting and ventilation installation and testing
- Mechanical, electrical and security service installations
- Some work at platform level will continue out of hours, with activity to be localised within the station box.

Rail tunnel fit out

North Melbourne

Ongoing until mid-2023



- Installation of brackets, piping and steel walkways
- Ongoing cable pulling and fit out of tunnel cross passages
- Work inside the tunnel will continue 24/7.

Utility investigation and installation works

Laurens and Barwise streets,

North Melbourne

Ongoing until late-2023



- Drainage installation works on Barwise Street
- Watermain connection works on the eastern side of Laurens Street, between Arden and Queensbury streets
- Barwise and Laurens streets will remain open during these works with traffic management on hand to assist
- Service investigations will be undertaken intermittently in Laurens and Barwise streets, which involves the use of non-destructive digging (NDD) trucks to locate underground services and then reinstating the road surface and line marking
- Utility investigation and installation works are expected to generate periods of vibration and medium to loud noise
- To support works, there may be intermittent road, pathway and on-street parking changes
- See the 'traffic and transport impacts' section below for further information.

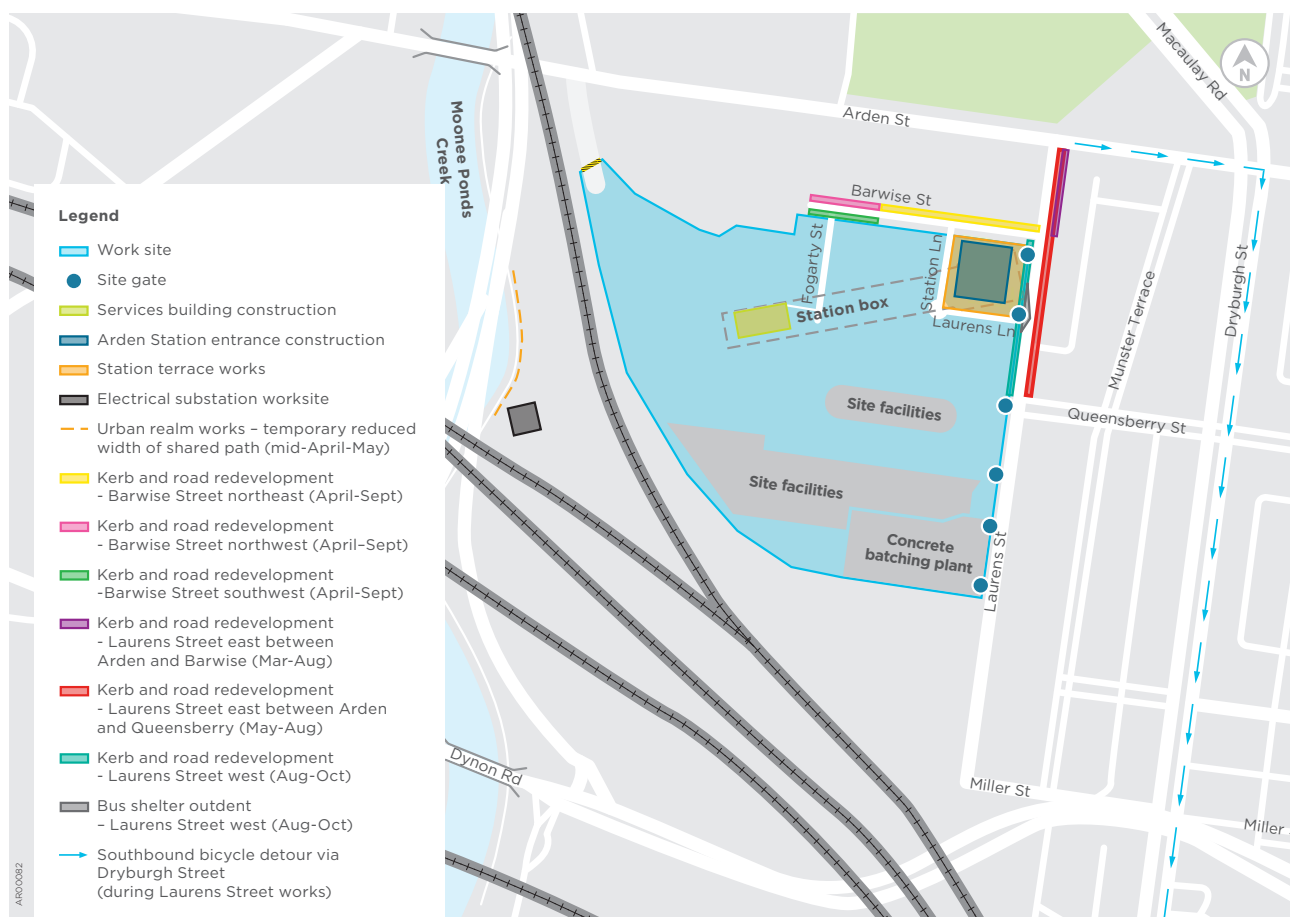
Legacy kerbing and roadworks

Laurens and Barwise Streets

Ongoing until late 2023



- From April until September, legacy footpath, kerb and road alignment works will be undertaken in stages along Barwise Street
- From April until August, legacy footpath, kerb and road alignment works will be undertaken in stages along the eastern side of Laurens Street between Arden and Queensberry streets
- In August, these works will progress to the western side of Laurens Street between Barwise and Queensberry streets
- Upgrading Barwise and Laurens streets with improved pedestrian pathways and bluestone kerbing surrounding the station precinct. Additional streetscape features include upgraded driveways, separated bicycle paths, new parking, accessible parking, taxi and loading zone areas
- Constructing a bus shelter on both sides of Laurens Street and an outdent on the northbound lane, which will allow buses to pull over to the kerb and pick up or drop off passengers without blocking traffic. Services will be introduced at a later date as part of broader network development plans
- These works will be progressively staged to minimise impacts on pedestrians, vehicles, bicyclists and driveways



Indicative only

- During these works, Laurens and Barwise streets will remain open for two-way traffic with traffic controllers on hand to assist as required
- Barwise Street will be temporarily reduced to a single lane, with traffic controllers maintaining two-way traffic for vehicles and accessing properties
- The southbound bicycle lane on Laurens Street will be closed with cyclists detoured down Dryburgh Street
- Between May and August, the pedestrian footpath on the eastern side of Laurens Street will be closed between Arden and Queensberry streets with pedestrians detoured along the western side of Laurens Street. Further information will be provided ahead of these works
- To enable improved public transport, pedestrian and cyclist connections around the station precinct, some on-street parking spaces will be removed from the northern end of Laurens and Barwise streets and new on-street parking, accessible parking, maintenance and loading bay parking spaces will be established on Barwise Street
- Properties with driveways that may be impacted by these works will be provided further information closer to works commencing. The project will work with residents and businesses to minimise impacts and maintain access to properties
- Between August and October, these works will move to the western side of Laurens Street between Barwise and Queensberry streets to construct a bus outdent and bus shelters.

North Melbourne electrical substation

North Melbourne

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



- Commissioning and testing of electrical systems and switch rooms
- Ongoing preparatory works to enable urban realm upgrades near the Moonee Ponds Creek Trail. These works will include new landscaping between the electrical substation and the Moonee Ponds Creek Trail and the installation of a new fence
- During fencing and landscaping works, short-term width reductions of the shared path on the Moonee Ponds Creek Trail may be required between the electrical substation and Arden Street. This will enable works to be completed safely. Traffic controllers will maintain two-way movements for cyclists and pedestrians when working near the shared path, during this time there may be minor delays for trail users. Please see the map for further information.

For more information on the North Melbourne electrical substation visit metrotunnel.vic.gov.au

Traffic and transport impacts


- Between April and August, there will be a temporary closure of the eastern pedestrian footpath on Laurens Street, between Arden and Queensberry streets. During this time, pedestrians will be detoured via the eastern side of Laurens Street
- Between April and September, there will be a lane reduction on Barwise Street. Two-way traffic movements will be maintained via contraflow and access to properties will be maintained
- Between April and October, there will be a temporary closure of the southbound bicycle lane on Laurens Street, between Arden and Queensberry streets. During this time, cyclists will be detoured via Dryburgh Street
- In April and May, there may be short term width reductions of the shared path along the Moonee Ponds Creek Trail between the electrical substation and Arden Street. Traffic controllers will maintain two-way movements for cyclists and pedestrians via contraflow when working near the shared path. To understand the location of these works, please see the map overleaf
- Up to 150 trucks per day are expected to travel to and from site. 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 frequently to minimise the spread of dust
- Rumble grids and a wheel wash have been installed to remove debris from the wheels of vehicles, this will help minimise the spread of dirt on local roads.


Look ahead for 2023

	April	May	June
Legacy kerbing and roadworks – Laurens and Barwise streets			
Utility and drainage installation			
North Melbourne electrical substation public realm works			
Arden Station entrance construction			
Station fit out			

Program is indicative and subject to change

More information

 metrotunnel.vic.gov.au

 1800 105 105
(24 hours a day, 7 days a week)

Rail Projects Victoria
PO Box 2392, Melbourne, VIC 3001

 Interpreter Service **(03) 9209 0147**

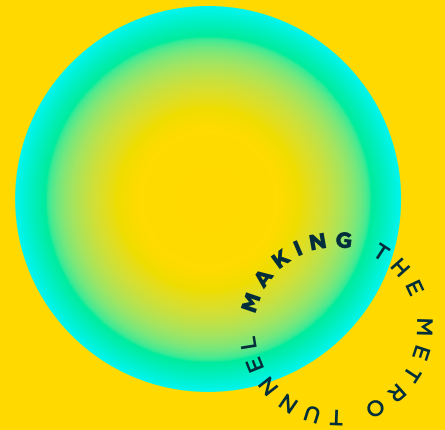
It should be noted that this information is current at the time of printing, however due to unforeseen circumstances, changes may occur. Please visit railprojects.vic.gov.au for the latest updates.

MAKING THE METRO TUNNEL REFLECTIONS BY CONTEMPORARY AUSTRALIAN ARTISTS



Scan to learn more

Domain House
Royal Botanic Gardens Victoria
1 April—7 May 2023
Wed—Sun, 11am—5pm
Free entry



The Station (2022) Harley Manifold. Photo: Harley Manifold



metro.tunnel.vic.gov.au/making-the-metro-tunnel



Creative
Program

