



WORKS NOTIFICATION

TBM BREAKTHROUGH AND RETRIEVAL FEBRUARY - APRIL 2020

The project's first two tunnel boring machines (TBMs) continue tunnelling from the site of the new North Melbourne Station towards Kensington.

The project's first TBM, Joan, is expected to arrive at the TBM retrieval shaft adjacent to South Kensington station in mid-February. The second TBM, Meg, is expected to arrive approximately four weeks later.

Once each TBM 'breaks through' into the retrieval shaft, the front shield components will be disassembled, lifted out of the shaft and returned to the new North Melbourne Station site via road transport. The rear (gantry) sections will be transported back via the constructed tunnel. This notification provides information about TBM breakthrough, retrieval and transport.

What we are doing

- Delivering oversized equipment, including large cranes, to and from site during the day and at night, subject to permit conditions
- Completing earthworks adjacent to the TBM retrieval shaft to create an access ramp between Childers Street and the shaft. This will involve a bulldozer, grader, excavators, a vibration roller, trucks and using jackhammers to break back a 20-metre-long section of D-wall guide wall, just west of the shaft. Jackhammering will be completed during the day only
- Before the TBM's cutterhead 'breaks through' into the retrieval shaft, the shaft will be filled with water to balance groundwater levels while the TBM constructs the final section of tunnel. The water will then be drained and the TBM retrieved. Water will be pumped back to the water treatment plant at the new North Melbourne Station site via the TBM

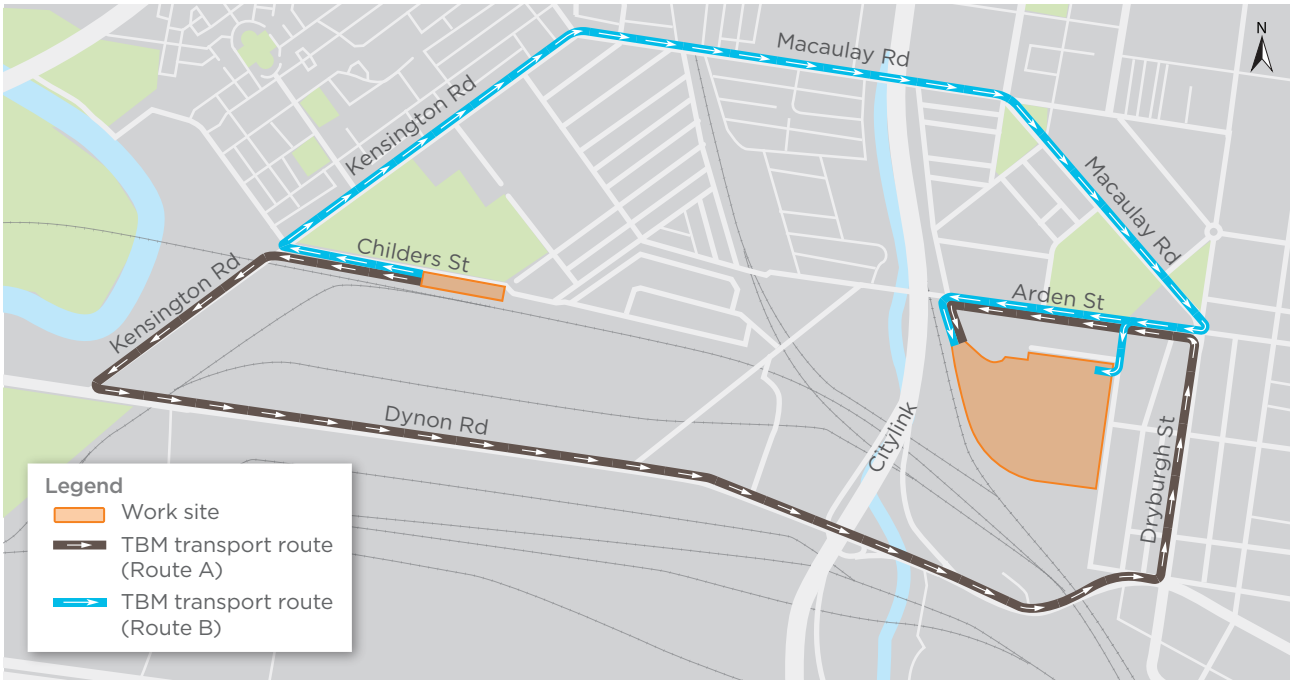
- The TBM cutterhead and front shield sections will be cleaned and disassembled using high pressure cleaners and hand tools before being removed from the retrieval shaft and loaded onto trucks using a crane. The rear (gantry) sections of the TBM will travel back to the new North Melbourne Station through the constructed tunnel. Each TBM is expected to take approximately four weeks to retrieve.

What to expect

- TBM retrieval activities are expected to generate medium levels of noise
- Oversized TBM pieces will be transported at night, subject to permits. These loads will be transported back to the new North Melbourne 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 overleaf). Some tree trimming on Kensington Road may be required
- Loaded trucks may be staged on Childers Street prior to being transported from site at night
- Properties located near tunnelling will be contacted with further information prior to tunnelling occurring in their area.

When



- 24 hours, from mid-February until April 2020
- Out of hours works are required to facilitate the delivery of oversized equipment and transportation of TBM pieces. Further information around work hours will be provided to adjacent properties once confirmed.





Indicative only

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

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