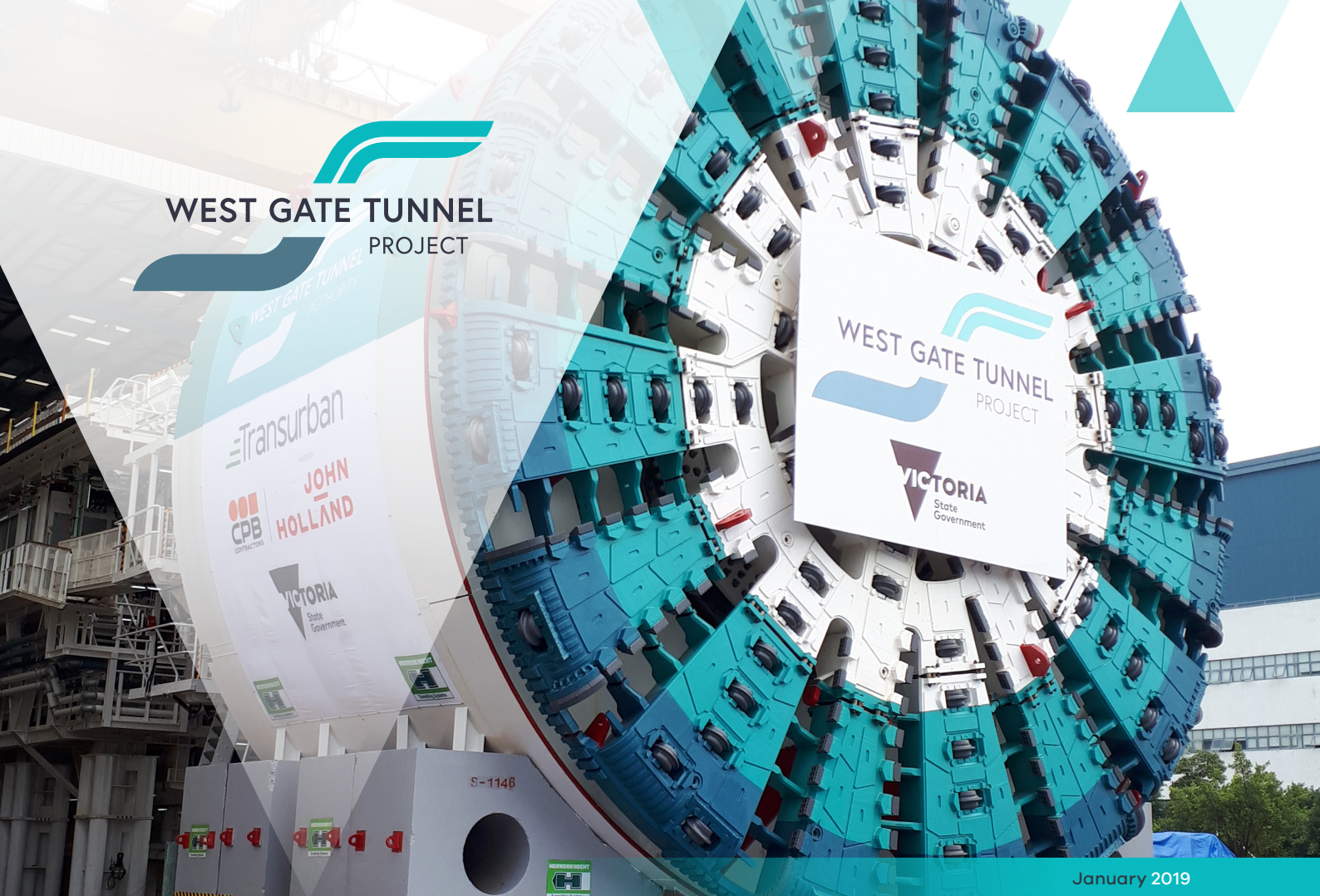


WEST GATE TUNNEL PROJECT



January 2019

Welcome, Bella!

Bella, the West Gate Tunnel Project's first tunnel boring machine (TBM), has arrived in Melbourne.

Bella is named after Bella Guerin, the first woman to graduate from a university in Australia in 1883.

Bella got her name following the state-wide competition to name our machines after ground-breaking women.

Bella left China in early December and arrived in Melbourne in early January, before being transferred to the northern portal site where she will be launched. The second TBM is named Vida, after Vida Goldstein, a campaigner for women's rights, who established the right for females to vote and stand for election. Vida will arrive in March.

The TBMs are built and tested in China before being disassembled and shipped to Melbourne. The TBMs are so big, that transporting just one machine and all of its components requires nearly 100 truck loads.

When fully assembled, each TBM weighs 4,000 tonnes, or equivalent to the combined weight of 110 trams. The cutter head exerts a rotation force of 85,000 kilonewton per metre. This is about the same force produced by 140,000 V8 cars or the force needed to move 8,667 tonnes per second.

Visit [facebook/westgatetunnelproject](#) to see a time lapse video of Bella being built.

TBM Facts

9m

each TBM will bore on average each day

15.6m

diameter of each TBM, or five storeys high

20

number of people that will work on the TBM at any one time

90m

length of each TBM

105

number of cutting discs on the cutter head

Do you live above the tunnel alignment? We will be in touch with you before tunnelling starts to let you know what to expect.

What a difference a year makes!

It's been a year since the first sod was turned on the West Gate Tunnel Project – check out what we've achieved in your area over the last 12 months.

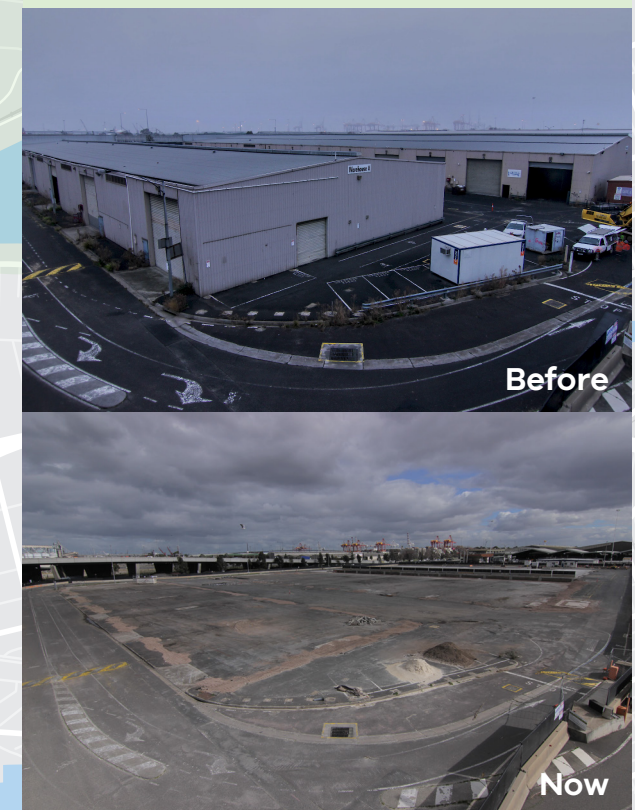
Tunnels precinct

- Built two huge retaining walls and excavated a trench over 300 metres long and 20 metres deep in preparation for TBMs to launch this year
- Established our biggest work site, the tunneling hub in Yarraville, including office space and car parking for 500 workers
- Built a massive shed to house all of the dirt and rock excavated from the tunnels, and started building an elevated conveyor to transport spoil straight from the TBMs to the shed
- Started major works to relocate the North Yarra Main Sewer, including launching a mini TBM to tunnel over 600 metres under Footscray and Yarraville



Port to City precinct

- Installed 390 traffic barriers, equivalent to 2.4km along Footscray Road in preparation for building the new elevated freeway
- Built a new shared use path on Footscray Road to make more space for construction
- Demolished three huge sheds and established a site compound for 500 workers at the former Melbourne Market site



West Gate Freeway precinct

- Started major works at the Williamstown Road and Millers Road interchanges to make space for tunnel entrances
- Started to install new noise walls
- Relocated major services like gas and power lines to make way for extra lanes on the freeway
- Built new retaining walls to support freeway widening works



Legend

- Tunnels
- West Gate Tunnel Project alignment
- Established site compounds
- Future site compounds

Stylised map not to scale

Program of works





Upcoming works in your area

January to May



West Gate Freeway

Continued freeway widening works, noise wall construction and service relocation activities



Port to City

Works get underway to build the foundations for the elevated freeway above Footscray Road



Tunnel Zone

TBM Bella assembled at the northern portal and works continue to divert the North Yarra Main Sewer

Protecting birds and trees

The West Gate Tunnel Project team has been working with Wembley Primary School students to make new homes for birds that have been displaced by construction.

The project team visited the school with Habitat Management Systems (Victoria) and taught Year 1 students how to make nest boxes for the birds, and gave them some additional tips on caring for our wildlife.

In addition to creating new homes for birds, the project is also collecting seeds from trees along the West Gate Freeway to plant when construction has finished.

Mobile Hub hits the road

The West Gate Tunnel Mobile Hub is coming to a location near you! It's just like our Info Centre in Yarraville, but it's on wheels - perfect for getting out and about and speaking to the community at events and festivals.

The Mobile Hub has almost everything that you can see and experience at the Info Centre, including the interactive 3D model of the project corridor and virtual reality ride on the new 2.5 km veloway.

You can pick up fact sheets about different aspects of the project, view the latest project videos on a 43 inch flat screen and check out a project map to see what we're building in your area.


The mobile hub will be at the Yarraville Festival on 17 February.

Check out the project website for upcoming locations.

Contact us

Do you have a question about the project? If you need more information or would like to provide feedback, please get in touch.

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-  [@westgatetunnel](https://twitter.com/westgatetunnel)
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 **Interpreter service: 13 14 50**

If you are deaf, or have a hearing or speech impairment, contact us through the National Relay Service. For more information, visit: www.relayservice.gov.au.