

Aerial view, looking to the northeast, showing the new pedestrian underpass, platforms and platform shelters in place

Community Update

West Tarneit Station

Issue 03, March 2026

Major construction blitz complete

We're building a brand new West Tarneit Station to better connect the growing suburbs of the west to Melbourne's CBD.

Crews worked around the clock for two weeks in January 2026 to build the new station platforms, install platform shelters and excavate the pedestrian underpass.

During this time, the team lifted **206 precast concrete structures** into place to build the station platforms, and another **35 structures** to form the pedestrian underpass. With a total volume of **510 cubic metres** of

concrete, these structures were all manufactured in regional Victoria.

The new West Tarneit Station will open later in 2026 with a 4-bay bus interchange, 400 car spaces and an accessible pedestrian underpass.

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Project benefits include:

- better public transport access for Melbourne's growing west
- designs that accommodate future improvements including additional tracks, future public transport services and additional parking
- an accessible, modern and welcoming precinct, complete with landscaping
- a well-lit, accessible pedestrian underpass and ramps to the platforms
- a secure, 26-space parkiteer and 30 bike hoops.



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West Tarneit Station by numbers

January construction blitz

While trains weren't running, our crews worked 24/7 and made significant progress on the station.

27,610

total hours worked over the two-week blitz.

206

precast concrete structures lifted into place to form the platforms.

The structures include platform edging and L-walls, which act as retaining walls that form the front sections of the platforms. Once they are in place they are backfilled to build up the platform base before being finished with a top layer of asphalt.



L-walls in place before being backfilled to form the station platform

4,600

tonnes of rock and clay excavated to make way for the pedestrian underpass.

104,000

tactiles installed on the new platforms in two days.

Tactile Ground Surface Indicators (TGSIs), commonly known as tactiles, are the raised, textured studs that provide essential orientation and safety cues for people who are blind or have low vision.



A crew member hammering in one of the 104,000 tactiles

35

precast concrete structures lifted into place to form the pedestrian underpass.



The pedestrian underpass at West Tarneit Station will be tiled in a range of vibrant green colours in the coming months

510

cubic metres of concrete.

Concrete was in all the prefabricated platform and underpass components.

2,200

tonnes of new ballast (crushed rock) laid out in the rail corridor.

1,180

metres of rail tracks reinstalled.

The tracks were temporarily removed while the underpass and platforms were built.



Unloading crushed rock to support the reinstalled rail tracks



Rail track workers welding sections of rail together

Sustainability in action

At Big Build Rail we have a responsibility to deliver major transport projects as sustainably as possible.

To do this, we use recycled materials and construction practices that reduce carbon emissions where we can.

The precast structures used to build West Tarneit Station are made from lower carbon concrete.



Precast lower carbon concrete L-walls delivered to site in preparation for the January construction blitz

50% of the concrete material used on the project is made up of repurposed waste products generated in the production of coal and steel. Including these products in the concrete mix uses far less heat than traditional concrete production methods, making it a lower carbon material. Our project is doing much better than the industry standard of using 5% steel and coal waste products in concrete to lower emissions.

By using lower carbon concrete on the project, we've avoided around **190 tonnes** of carbon emissions. This is equivalent to driving a car around the earth's equator **26 times**.



Painting the platform shelter support columns

88 tonnes of steel were used to manufacture the platform shelter support columns. Of this, **41%** came from locally sourced, salvaged steel, which equates to about **36 tonnes** of recycled steel. This is the amount of steel in **42 small cars**.

72 tonnes of carbon emissions were saved by using hybrid and solar lighting while we worked at night in January. That's a saving of the equivalent emissions of a plane trip from Melbourne to London.

Upcoming works at West Tarneit Station

In the coming months, our crews will keep up the momentum in the station precinct, as we:

- continue working on the new platforms, pedestrian underpass and ramps
- continue constructing the bus interchange, including electrical works and installing light poles
- continue constructing the commuter car park and cycling and pedestrian pathways
- install stairs to the new platforms
- install the station forecourt shelters on both sides of the rail line
- install the Parkiteer (secure bicycle storage)
- install the new Protective Services Officer building and the station communications room.



Find out more

Scan the QR code or visit bigbuild.vic.gov.au/west-tarneit-station to watch our progress video showing some of the action from the January construction blitz at West Tarneit Station.

Project timeline



2023

- Early development and planning work
- Site investigations



Late 2024

- Concept designs released
- Community engagement



Mid 2025

- Final designs released
- Major construction commences

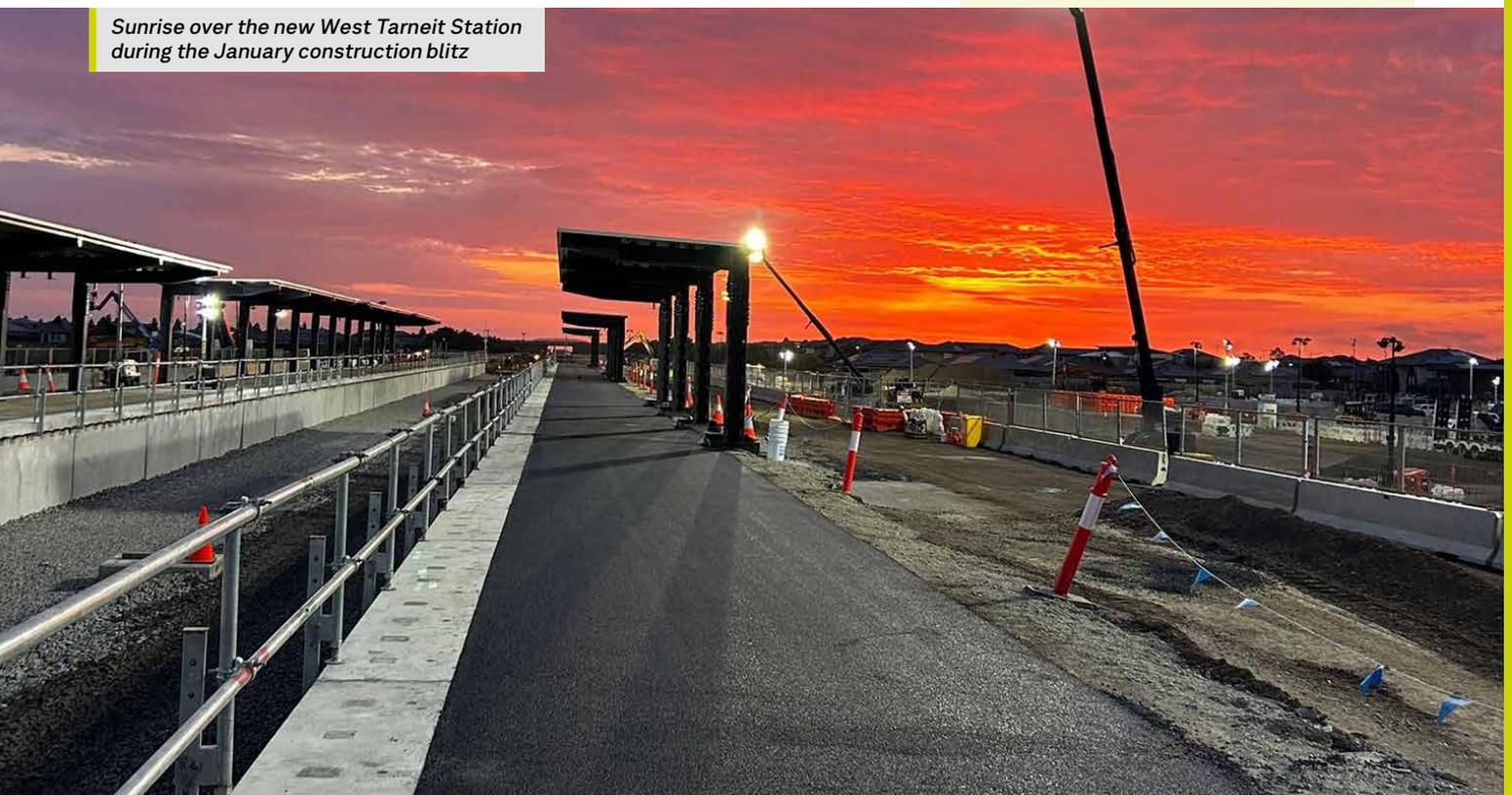


Late 2026

- Station opens
- Major construction complete

** Timeline subject to change.*

Sunrise over the new West Tarneit Station during the January construction blitz



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