

Stephenson Avenue Extension Project (Phase 2)



This update contains information regarding the current and future works happening on the Stephenson Avenue Extension project. Information in this update is current as of July 2025 and is subject to change. For the most recent updates visit the Main Roads Stephenson Avenue Extension website.

The pedestrian bridge is here

Earlier this year we successfully installed a key piece of the new, enclosed, 36-metre-long pedestrian access bridge as part of the Stirling Station bus interchange upgrade. This bridge will provide a safe connection for public transport passengers to Stirling Station when the upgrade works are complete.

To ensure the works were completed safely, closures of Mitchell Freeway southbound and sections of Cedric Street were required, along with disruptions to the Yanchep Line. This was the most complex traffic detour the project has implemented so far. We thank the public for your patience whilst these closures were in place.

The new bridge is made up of two 18-metre-long steel truss pieces, weighing approximately 70 tonnes each and required the help of a 500-tonne crane to lift and lower the steel trusses into place.

We will continue ongoing works including tiling, ceiling, services and fixture installations and electrical works to complete the bridge.

Once complete this brings us one step closer to increasing public transport capacity in the area – making it easier for people to travel to and from the City of Stirling.

Take a look at how the bridge was installed - [Stephenson Avenue Extension Pedestrian Bridge Installation 2025](#)



New pedestrian bridge being lifted into place

Launch – Slide – Lower - Repeat

The team is making good progress on the Stephenson Avenue Interchange Bridge with all three of the bridge sections successfully launched.

The launch of the final bridge section was completed in early May forming the bridge deck for the Stephenson Avenue Bridge at 40-metres-wide and 80-metres-long. The team is now focusing on stitching the bridge together where concrete will be poured, bringing the deck closer to its final form.

S2M Evolution Alliance Construction Manager, Hin Lau, said this was a remarkable achievement by the team, who overcame several challenges since bridge launching started in June 2024.

We are the first project to successfully complete a launch, lateral slide and lower in Perth. This method was selected as it reduces the impact on road users and public transport commuters as it can be completed while cars and trains continue to operate, while building above and around.



The final launch of the new Stephenson Avenue bridge

When traffic management meets innovation

The project has recently had the exciting opportunity to take part in an automated cone truck trial. The automated cone truck is designed to deploy and retrieve traffic cones automatically, using a robotic arm. The truck reduces disruption to road users, increases productivity, and significantly reduces the risk of injury to traffic management workers.

This truck is the only one of its kind in WA and trials on our project has allowed drivers to gain valuable experience operating the truck in a controlled environment, coinciding with planned lane closures on Mitchell Freeway.

The trial has also enabled Main Roads to compile data on the truck's operations including timing and speed, which will be used to help improve the truck's efficiency.



Automated cone truck trial in action

A backdrop for 2025 budget announcements

We recently welcomed WA Premier, Hon Roger Cook MLA and Deputy Premier; Minister for Transport Hon Rita Saffioti MLA, along with Member for Balcatta Hon David Michael MLA and Member for Landsdale, Mr Daniel Pastorelli MLA, on site to announce the State Budget for Perth's northern suburbs transport upgrades.

During their visit Premier Cook emphasised the importance of this project in freeing up land for further residential developments as well as upgrading the road network.

They also shared how impressed they were with the progress by the team on the project, while building over live traffic and the Yanchep rail line and are looking forward to the staged opening of Stephenson Avenue to traffic third quarter of this year.

Following the opening of Stephenson Avenue, the full interchange with all ramps connecting to Mitchell Freeway will be opened late 2025. The team will continue working on the Stirling bus interchange and other finishing works into 2026.



The Premier and Deputy Premier alongside the construction team

An update on noise wall construction

We have commenced piling works to continue with noise wall construction along the Mitchell Freeway northbound on-ramp from Cedric Street. This involves continuous

flight auger (CFA) piling – which is expected to have less noise, and vibration impacts to nearby residents.

We are also preparing for the next stage of works for noise wall construction near the intersection of Talia Drive and Telford Crescent. To allow these noise walls to be installed, some clearing will be required after some Western Power works are completed.

We have continued to work closely with the City of Stirling to modify our design and construction methodology to retain as many mature trees as possible across the project.

When complete these walls will help mitigate traffic noise from the freeway and visual intrusions from shared path users into residential properties adjacent to the freeway, as per the State Planning Policy 5.4 (SPP 5.4).



Noise wall piling works

Connecting the north to the CBD

We will soon begin works on the new 1.2 km Principal Shared Path (PSP), between Civic Place and Telford Crescent, which will connect cyclists from the northern suburbs on the PSP network to Central Perth.

To accommodate construction of the PSP some vegetation removal in the road reserve near the Karrinyup Road on-ramp to Mitchell Freeway southbound is required.

As with any clearing activity undertaken by Main Roads, the project has completed all relevant environmental assessments and has received approvals to commence clearing works.

We continue to work closely with the City of Stirling to identify opportunities to retain as many trees as possible and on the selection of replacement tree species.

The new Stephenson Avenue off-ramp is on the way

You may have noticed an increase in construction activity in the vicinity of Sarich Court. This is because we have ramped up works to build the future Stephenson Avenue northbound off-ramp from Mitchell Freeway. Over the next few months, the team will be focusing on drainage, earthworks, underground services installation and retaining wall construction.

Stirling Station southern car park progress

We are making significant progress with the upgrade of the southern car park at Stirling Station and are preparing for a staged opening of the car park from late-July 2025.

Future access to the station's southern car park will be via Cedric Street and the new Stephenson Avenue.

Stay tuned to updates about the opening and changes to passenger parking.



Limestone laid at new car park

For more information

Are you receiving our notifications? We regularly send out email updates to our subscribers on upcoming works and what's happening on the project.



Sign up for updates by scanning the QR code, or visit the [Main Roads website](https://www.mainroads.wa.gov.au/main-roads-website).

If you have any questions, please contact **138 138** or email enquiries@mainroads.wa.gov.au. To provide feedback on how we are communicating with you, take our Customer Feedback Survey ([Stephenson Avenue Extension Project - Phase 2 | My Say Transport](#)).