

# Stephenson Avenue Extension Project (Phase 2)



Piling works being completed for the Stephenson Avenue Interchange.

**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 May 2024 and is subject to change. For the most recent updates visit the Main Roads Stephenson Avenue Extension website.**

## Project update

The Stephenson Avenue Extension project is now over 40 per cent complete.

In early-June, the Stephenson Avenue Interchange Bridge and the Stirling Station Bus Interchange Bridge will be incrementally 'launched' (pushed out) over the Mitchell Freeway.

Over the next six months, a total of 30 segments for both bridges, measuring 660 metres in length, will be launched over live traffic ensuring access to the Mitchell Freeway and Joondalup Line is maintained as works are completed.

The bridge segments will be 'launched' in cycles with one segment being put into place approximately every 8 to 12 days until both bridges are completed.

Segments for both bridges will be launched simultaneously.



**Stephenson Avenue Interchange Bridge casting launch bed.**

The Stephenson Avenue Interchange Bridge will launch from the western side to the eastern side of the freeway, and the Stirling Station Bus Interchange Bridge will launch from the eastern side to the western side.

## Meet our talented team



### Matt Baston – Superstructure Lead

One of our team members responsible for the bridge launchings is Matt Baston, a Senior Project Engineer hailing from the U.K.

Matt is responsible for managing the bridge

superstructures (part of the bridge vehicles drive on) launched over the freeway and Joondalup Line.

To complete this without disrupting freeway traffic or train commuters, Matt carefully plans and coordinates site activities to ensure project designs are correctly delivered on site whilst also managing stakeholder requirements.

This can be quite challenging, as there are building elements that are completely unique to the project. However, this is one of the things that Matt enjoys most about his role.

“Engineering is particularly exciting when dealing with the unknown. I really enjoy that no two days are the same and I encounter new challenges daily.”

Before coming to Perth, Matt worked in several different countries over the past ten years including the U.K., Canada and Rwanda on power and defence-related projects.

To keep up to date with the project, visit the [Main Roads website](#).

### Piling progress update

All permanent piling for the Stephenson Avenue Interchange Bridge and the Stirling Station Bus Interchange Bridge is complete.

A total of 215 bridge piles were drilled with 7,510 cubic metres of concrete poured, weighing approximately 779 tonnes.

“This is a fantastic achievement involving meticulous planning with a strong safety focus at all times while working in between a live rail corridor and operating freeway,” Project Engineer Abhishek Pol said.

## Milestone achievements

The team has successfully installed all 30 trapezoidal precast concrete units required for construction of the new pedestrian underpass, which will cover a section of the new principal shared path.

These units support the structural integrity of the underpass, allowing shared path users to safely travel underneath while overhead traffic drives on the new Stephenson Avenue Interchange.

The first concrete pour for the third bridge pier supporting the new Stirling Station Bus Interchange Bridge was completed in late April. Made up of 330 cubic metres of concrete, the pier weighs approximately 779 tonnes.

Another milestone the team also accomplished in April was the northbound lateral shift (lane changes) of the Mitchell Freeway. This adjustment was crucial for the installation of screw piles that will support the temporary bridge piers needed for the bridge launchings over the freeway.

### Construction of the pedestrian underpass.



## Roadworks update

A series of roadworks along Cedric Street and the Mitchell Freeway are required to continue construction over the coming months.

Traffic conditions throughout the project area regularly change. To stay up to date with the latest roadworks required for the project, visit the [Main Roads Travel Map](#).

### For more information on the Stephenson Avenue Extension project

If you have any questions, please contact **138 138** or email [enquiries@mainroads.wa.gov.au](mailto: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](#)).