

# Stephenson Avenue Extension Project (Phase 2)



Aerial image of the Stephenson Avenue Project site

**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 2023 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 29% complete.

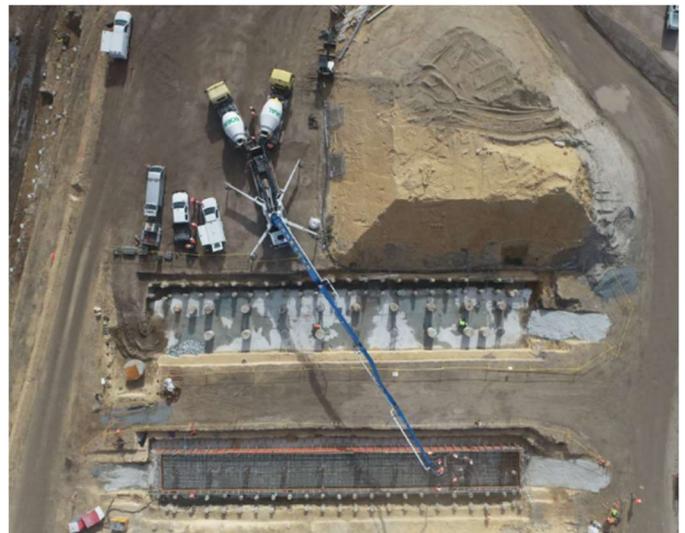
The design has significantly progressed, with many packages now issued for construction on site.

To continue the next stages of construction, a range of services are currently being relocated on-site. Drainage has also been a key focus of the project team in the lead-up to the construction of future roads and bridges.

An important construction milestone was achieved in late July 2023, with the temporary bus ramp at Stirling Station being completed and commissioned for use.

In the coming months, structures will be progressed in preparation for bridge construction over the Mitchell Freeway and the Joondalup line.

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



**The concrete pour being completed for the Stephenson Avenue bridge over the new Sarich Court connection road**

## 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](#).

## Milestone achievements

We recently completed an important construction milestone with the delivery of the temporary bus ramp at Stirling Station.

This is an important milestone as the temporary bus ramp coming into operation opens the required space for the bridge launching platform.

This bridge launching platform will be used to fabricate and 'launch' the required bridge structures for the Stirling Station bus interchange bridge. The bridge will be launched over the Mitchell Freeway and Joondalup Line under live conditions.

Bridge launching is a type of bridge construction where a prefabricated mould is used to pour the concrete bridge in sections. Once the concrete has cured, it is gradually pushed out of the mould. This action is repeated until the full length of the bridge has been poured and pushed out of the mould.



Temporary bus ramp

## Bridge preparation work

The pile cap for the western bridge abutment has now been completed at the Stephenson Avenue interchange. The abutment walls have also started to be installed along the Mitchell Freeway.

A pile cap is a section of concrete that is poured on top of the concrete piles to provide a stable, strong base for building bridge piers.

At the new connecting road between Sarich Court and Cedric Street, on the western side of the freeway, pile caps have been completed, and the installation of MSE (mechanically stabilised earth) wall panels has now begun.

On the Stirling Station bus interchange bridge, piling on the eastern side of the freeway will soon be completed, and pile caps for the abutment and pier will commence in the coming weeks.



Western site area – Stephenson Avenue western approach

## 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](#)).