



# Stephenson Avenue Extension Phase Two

**Stephenson Avenue Extension Phase Two is a significant project, and while construction impacts to the local community will be minimised as much as possible, some disruption will be experienced.**

## Managing construction impacts

The focus is on keeping local residents, businesses and road users informed about upcoming construction activities and inviting you to share your feedback to help us improve.

Noise, dust, and vibration may be noticeable to those living or working nearby, with activities required including earthworks, compaction and the construction of the bridges, freeway on and off ramps and principal shared path.

At times, construction vehicles will need to use local roads in the area to access the project site, therefore, mixing with the general public.

Temporary traffic management and controls will be implemented on affected roads to provide advance warning to motorists. Road conditions may be unfamiliar so please proceed with caution and adhere to speed limits and signage.

Lay down areas/site depots including satellite offices, and plant and machinery parking areas, will be located adjacent the project site.

We will keep residents and businesses informed about upcoming construction activities, and all works will be undertaken in accordance with the project's approved management plans:

- Construction Environmental Management Plan
- Noise and Vibration Management Plan
- Traffic Management Plan
- Community Engagement Management Plan

Standard construction hours are 7am-7pm, Monday to Saturday.

Some after-hours works are required, including at night, to avoid disruption to road or rail operations, or for the safety of the workforce and public. All after-hours works require approval from the City of Stirling, and residents and businesses will be provided notice prior to works starting.

## How are noise impacts being managed?

While every effort will be made to reduce noise impacts where possible, there will be some level of noise due to the various activities and equipment used during construction works.

A range of control measures are being put in place to minimise noise disturbance including:

- ensuring equipment is well-maintained to reduce noise emissions
- using vehicles fitted with a low-noise reversing croaker, instead of beepers, where possible
- reducing the number of vehicle movements through careful planning, scheduling noisy works at less-sensitive hours, and notifying residents of after-hours works or particularly noisy works
- using the quietest equipment reasonably available.

## How are vibrations being managed?

We will aim to keep vibration to a minimum and work within the limits set by the Australian Standards for construction vibration. However, nearby residents and businesses may feel some vibrations from the construction activities.

Some measures being implemented for the project include:

- undertaking a vibration impact assessment and implementing vibration monitoring
- operating equipment on the lowest effective vibration setting
- maintaining low speed limits for construction trucks and machinery
- maintaining equipment
- selecting appropriate machinery and equipment
- considering alternative construction methodologies where possible
- notifying residents about activities with excessive vibration and the works duration



Although vibration may be unsettling, property owners can be assured that as the limits set by the Australian Standards are well below those capable of causing structural damage, we do not expect property damage as a result of construction works.

Before starting major construction, an independent building inspection company will offer a pre-condition survey to any home or business owners within 100m of the project site.

A pre-condition survey includes an independent surveyor visiting the property and taking a photographic record of the building's or structure's existing conditions. The pre-condition survey reports can be used to compare the condition of a property pre and post the completion of construction works.

If an owner believes damage has occurred to their property as a direct result of construction, they should contact us immediately on the contact number or email address under 'Further Information'.

### How is air quality and dust being managed?

The main dust sources from construction are likely to be excavation and loading of excavated material into trucks, heavy vehicle movement on unsealed areas and wind erosion on exposed surfaces.

To help minimise the impact of dust, a range of measures are being implemented, including:

- utilising water trucks and water sprays to suppress dust
- careful selection of machinery
- limiting on-site vehicle speeds
- monitoring environmental factors influencing dust, including wind levels
- postponing dust producing activities during high winds
- regular surveillance and responding to feedback from residents and businesses
- applying dust suppression crusting agents to stockpiles and areas that will not be accessed for long periods of time to stabilise surfaces



### Further information

If you would like further information, have any questions or concerns, you can contact us via our 24/7 information line at 138 138 or email: [enquiries@mainroads.wa.gov.au](mailto:enquiries@mainroads.wa.gov.au)

You can also subscribe to receive updates directly to your inbox by registering your email via our webpage: <https://www.mainroads.wa.gov.au/stephesnon-ave-extension>