

Mitchell Freeway Southbound Widening

Cedric Street to Vincent Street

Construction Update: Noise and Screening Walls

As part of the Mitchell Freeway Southbound Widening project, noise and screen walls will be installed in various locations to reduce traffic noise and provide privacy screening for local residents.

What is a noise wall?

A noise wall is a structure built between the freeway and a residential property to reduce traffic noise to the resident. The sound waves from the road are forced to travel around the edges of the walls, reducing the noise. The level of noise reduction achieved through the installation of noise walls is dependent on several factors, including the length and height of the wall.

What is a screen wall?

A screen wall is provided to protect a resident's privacy from passing traffic. Screen walls are often constructed of the same material as noise walls.

Where will the noise/screen walls be located?

Noise/screen walls will be installed in various locations along eastern side of Mitchell Freeway, between the road and residential properties. The positioning of the walls relative to residential properties is dependent on the road design and the available space in the road reserve.

If a noise wall is being built near your boundary you will be contacted by the project team between May and June 2019.

How do you know which properties get noise walls?

Extensive noise modelling by acoustic experts has determined the location and height of the noise walls to be installed for this project to meet State Planning Policy 5.4.

What will the noise/screen walls look like?

The noise walls are generally made of concrete panels and steel posts. The noise/screen walls facing the road will have anti-graffiti paint and panel colours in olive green tones. The residential side of the wall will have a repaintable finish.

Why do noise/screen walls need to be installed?

Noise modelling has identified the need to install the wall near some residential properties to reduce traffic noise and provide a privacy screen between properties and the Mitchell Freeway.

How high will the noise/screen walls be?

The height of the noise/screen walls will start at 1.8m and will vary along the alignment depending on the distance between residential properties and the freeway. The noise walls have been designed to reduce the impact of noise levels predicted on the highway up to 2040.

How will the walls be constructed?

This depends on where the walls will be located. In locations where the wall is offset from the existing residential fence, the construction team will be able to access the work from the road reserve. The project team will make every effort to reduce the impacts of construction.

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