



CityLink Tulla Widening

Freeway Management System

As part of the CityLink Tulla Widening project, a new electronic freeway management system, will be installed to help manage traffic flow, improve safety and create a smarter road.



A freeway management system will include:

- Lane use management signs to manage which lanes are open
- Variable speed limit signs above all lanes
- Ramp signals – stop and go traffic lights to improve traffic flow and reduce congestion as traffic enters the freeway from on-ramps
- CCTV cameras – to monitor for incidents, help response times and minimise disruptions
- Travel time information signs so people can plan their journey
- Electronic message signs – to notify road users of planned changes or disruptions
- Automatic incident detection system – to alert us to incidents in real time.

How a freeway management system works

A state-of-the art freeway management system will manage the flow and entry of vehicles onto the freeway. The technology will control freeway traffic to keep you moving, and to minimise delays.

The freeway management system combines the latest technologies to provide more reliable journey times; reduce congestion; improve safety; ensure quicker response time to incidents; and enhance information for drivers.

Changes on the freeway corridor

You will notice some changes on the freeway corridor and entries to the freeway, including driver information signs; variable speed signs; new congestion and incident management systems; emergency breakdown bays; and coordinated freeway ramp signals.

Overhead signs – Lane Use Management and variable speed signs

These signs tell drivers which lanes are currently open and what speed to travel.

Speed limits can be changed to respond to incidents or congestion on the freeway. When road conditions change, arrows on the overhead signs direct drivers to change into designated lanes. If necessary, arrows can also be used to direct drivers to exit the freeway. A red X means a lane is closed and drivers should move to the next available lane. The closed lanes can give emergency services vehicles clear access to an incident when required.

Travel time signs

New electronic message signs located on the freeway and connecting arterial roads will provide up-to-date travel times and give advanced warning of incidents to help drivers decide on the best route and minimise delays.

Ramp signals

Ramp signals regulates the flow of traffic entering the freeway by holding, and then releasing traffic onto the freeway at consistent intervals. This helps to reduce the breakdown of traffic flow on the freeway that can occur due to large numbers of vehicles merging at once.

Traffic signals on ramps generally operate when traffic is heavy, making it safer and easier for vehicles to merge with freeway traffic. Electronic message signs on the ramp let you know when freeway ramp signals are operational. Only one vehicle in each lane can enter the freeway on a green signal.

Ramp signals are being installed on all entries to CityLink and the Tullamarine Freeway. Ramp signals will also be installed where Bolte Bridge traffic enters the West Gate Freeway and on city-bound entries to the Calder Freeway.

Freeway to freeway ramp signals

Bolte Bridge traffic entering the West Gate Freeway will be controlled by ramp signals to regulate traffic flow. It will work in a similar way to regular ramp signals – by releasing a set amount of vehicles onto the freeway at regular intervals, allowing us to manage the freeway network more efficiently.

Easing congestion on the West Gate Freeway

This is not a silver bullet to solve congestion – but it will put in place important tools that allow us to better manage traffic so the CityLink and West Gate Freeways run more reliably.

Freeway-to-freeway ramp signals is one of several complementary measures being taken to improve traffic conditions in this location, including:

- Adding a new traffic lane across the Bolte Bridge and down onto the West Gate Freeway
- Further separating traffic on the West Gate freeway to reduce merging and weaving, which can contribute to congestion, and
- Investing in a freeway management system that manages the flow of traffic onto and along the freeway.

More information

General project information, including answers to frequently asked questions, can be found on our website: www.citylinktullawidening.vic.gov.au.

You can also register your email address on the website to receive information updates.

To contact the project team directly, please call **1300 783 947** or email citylinktullawidening@roads.vic.gov.au.



Contact Details

For further information please call **1300 783 947**

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