

LED Road Signs program

RESIDENT FACT SHEET

It's all part of Council's plan

This fact sheet contains important information for residents about Brisbane City Council's new Light Emitting Diode (LED) Road Signs program.

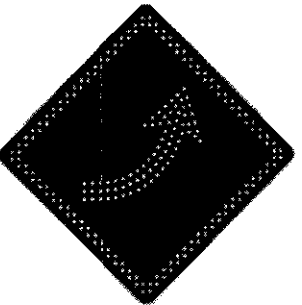
About the program

In mid-2016, Council announced a commitment of \$3.24 million to fund a four-year LED Road Signs program. This new road safety program involves the installation of LED road signs at known accident hotspots throughout Brisbane.

The aim of the program is to reduce the number of accidents and near-misses at these known hotspots. The highly visible LED road signs are designed to alert drivers of an upcoming intersection or traffic hazard, and to reduce their speed if they are travelling above the speed threshold that is pre-determined for that location.

About the LED road signs

The signs are designed with two main components. A rectangular sign with "SLOW DOWN" spelt out in highly visible LEDs is at the bottom and a separate diamond warning sign appears above. These diamond warning signs may also feature LEDs or could be static yellow. The type of warning sign will depend on the upcoming intersection or hazard however common signs include pedestrian crossing, roundabout and stop sign ahead.



Example of a LED 'SLOW DOWN' sign combined with a LED left curve diamond sign

How the LED road signs work

The signs are vehicle activated signs meaning they are triggered by an approaching vehicle. The LEDs on the signs are inactive (unlit) by default and as a vehicle approaches, the speed is detected by the sign's radar. The sign is only activated (lit) if the vehicle is travelling above the pre-determined speed threshold for that location. If the vehicle is travelling under the pre-determined speed threshold, the sign remains inactive.

The speed threshold at which the sign is activated is **not** the speed limit for that location, rather, one that is pre-determined as a safe speed to approach the upcoming intersection or traffic hazard.

As the LED road signs are solar powered, they are generally located in a position that is clear of trees and other obstructions, and has access to sunlight for a high proportion of the day.

