

Murray Road Traffic Calming - Detailed Design



Frequently Asked Questions

Why are you proposing to implement traffic calming along Murray Road?

Traffic calming has been proposed to help reduce traffic speeds and improve pedestrian and cyclist safety along Murray Road.

Please refer to the Murray Road Shared Use Engagement – Feedback Summary for more detailed information. This document provides an overview of the different options previously considered, and outlines why other options such as road closures and off-road pathways are not going to be implemented along Murray Road at this stage.

What are road cushions?

A road cushion is another form of speed hump that occupies only a part of the roadway. It is designed to be more sympathetic to cyclists, buses, and service vehicles, compared to a standard full-width road hump.

What are the advantages of installing road cushions?

The advantages of road cushions include:

- A reported 27% reduction in 85th percentile vehicle speeds in the vicinity of the device
- When used in a series they regulate speeds over the entire length of the street
- They are relatively low cost to install and maintain
- They discourage vehicles using a quiet residential street as a shortcut
- They do not restrict or discomfort cyclists
- They can be designed so that they do not inconvenience buses, or commercial vehicles

Why are you proposing to install this amount of road cushions along Murray Road?

There have been many studies done to determine the optimum spacing of traffic calming devices. Generally speaking, spacings of 80-100m are considered appropriate, with the speed reducing effect tapering off significantly when spacings exceed 200m. The detailed design has been developed with the aim of minimising the number of devices installed, while still maintaining a reduction in vehicle speeds.

Why are you not installing slow points similar to those in Roddick Grove and Rayleigh Avenue?

Slow points were considered in detail during design phase. There are a few key disadvantages to these treatments that made them unsuitable for Murray Road, including:

- Cyclists can be difficult to accommodate
- They can restrict emergency vehicles and buses. Note that this point was raised as a concern by emergency services during the engagement period
- There can be ambiguity between opposing drivers when arriving simultaneously
- They are higher cost
- Landscaping needs to be maintained so as not to reduce visibility

Why are you proposing to install streetlights along Murray Road?

It is inappropriate to install road cushions, or other traffic calming devices, without adequate streetlighting. If streetlights are not installed, road safety will be adversely impacted.

Are there alternative lighting options, for example bollards, or pavement reflectors?

No. Overhead streetlights are required to provide adequate lighting to highlight the road cushions.