



# TEARDROP ISLAND INTERSECTION TREATMENT

## ROAD SAFETY UPGRADE

### Background

The McLaren Vale District was surveyed in the nineteenth century, involving a predominantly grid-based network of roads and land parcels.

Whilst this logical road network pattern provides us with good levels of accessibility, the resultant abundance of four-way junctions increases the potential for crashes when drivers are distracted or are unfamiliar with the area. This is particularly concerning in an area that relies on high levels of tourism.

The traditional approach to reduce the risk of drivers accidentally running through Give Way or Stop signs has involved significant and costly works such as offsetting the side roads so that they are staggered or installing a roundabout. Unfortunately, it would take many years to fund and build any such upgrades throughout the McLaren Vale area.

### Project Proposal

Some four-way intersections in the McLaren Vale area are located around the fringe of built-up areas, where drivers are transitioning between lower and higher speeds depending on the direction of travel.

Due to the mixed urban/rural nature of the road environment, we propose to install 'teardrop' islands on the side road approaches.

This treatment disrupts the view through the intersection to increase attention to the presence of an intersection. As the room required to accommodate these devices is fairly small, the need for land acquisition can be minimised or eliminated.