

Plenty Valley Shopping Centre - Reconstruction of surrounding roads



Location

Australia

Office Responsible

Cardno Grogan Richards

Responsibilities

Design and Documentation,
Supervision of works

Project Scope

As part of Westfield's major upgrade of Plenty Valley Shopping Centre, Cardno Grogan Richards assisted with the upgrade of the surrounding roads. This involved the realignment and duplication of McDonalds Road, construction of Ferres Boulevard, installation of three new signalised intersections, and upgrade of a number of bus stops.

These works were required to improve access to the site, with the upgrades taking the centre from 22 to 148 speciality stores.

With traffic volumes entering the site growing significantly, Cardno Grogan Richards designed and oversaw construction of a new intersection where McDonalds Road meets the centre's main access road. As part of the upgrade to McDonalds Road, bicycle lanes were included in both directions, and a number of bus stops were upgraded.

To further assist traffic flow in the area, Ferres Boulevard was completely redesigned and reconstructed. The new

road incorporated access to the new council offices, with a signalised intersection where it meets McDonalds Road.

The extensive external works also saw the creation of Bush Boulevard to improve access from Plenty Road, with new intersection at the junction of McDonalds Road

As part of these works, environmental factors required extensive consideration, with a mob of kangaroos and the rare flax lily requiring relocation.

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