



WOODS
EST.1970

Milldale

A Transport Engineering Best Practice
Testing Ground

Tim Rickards

Who's this guy?

Tim Rickards
Principal Engineer at Woods
BEngTech, MEngNZ, CPENG



Wood & Partners Consultants
(Woods)

Land Development and Infrastructure Simply Done Well

- Surveying
- Geospatial
- Planning
- Urban design
- Three waters
- Engineering

Part of our core business is large scale residential land development projects.



Milldale

300 Ha Land Development Project

- 4500 New Homes
- A School
- A Retirement Village
- A Town centre with a medical centre and supermarket
- A local Centre
- Recreational space
- 10+ years to build



Figure 1: Milldale Masterplan



Designing for People at Milldale



Figure 1: People

Setting up for Success - Designing for People Think Piece
(CASSIDY, CARDEN, and FLEMING, 2023)

Why Milldale has been able to push towards best practice.

- Auckland Transport Drive for success.
- Scale of project.
- Accommodating of the needs of the developer and their clients.
- Key personal from both Woods and the Developer getting onboard.
- Learning from each stage and improving.

Active mode Network



LEGEND:

- WAINUI ROAD UPGRADE-OFF-ROAD CYCLE LANES
- ARTERIAL - OFF-ROAD CYCLE LANES
- COLLECTOR ROAD - OFF-ROAD CYCLE LANES
- COLLECTOR ROAD - ON-ROAD CYCLE LANES
- 3m SHARED PATH
- RESERVE EDGE ROAD - 3m SHARED PATH
- ON ROAD CYCLE LANES IN MILLWATER
- MILLDALE 4m SHARED PATH
- PEDESTRIAN ACCESSWAY

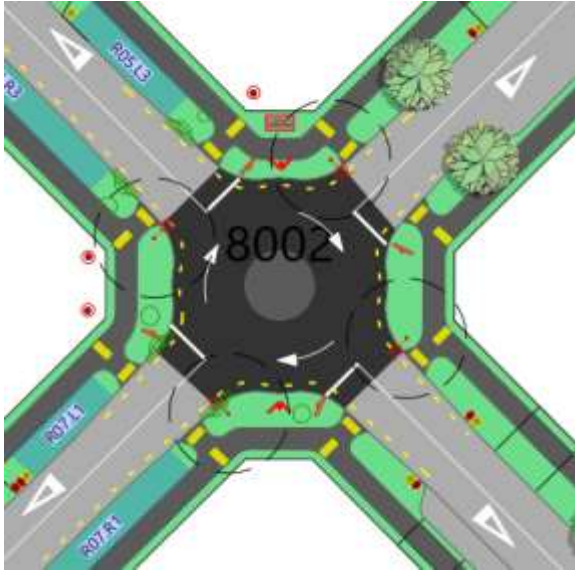


Roundabouts



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Speed Calming



How do we measure success?

