



Repurposing Te Moana Road

2Walk&Cycle conference

Chris Groom

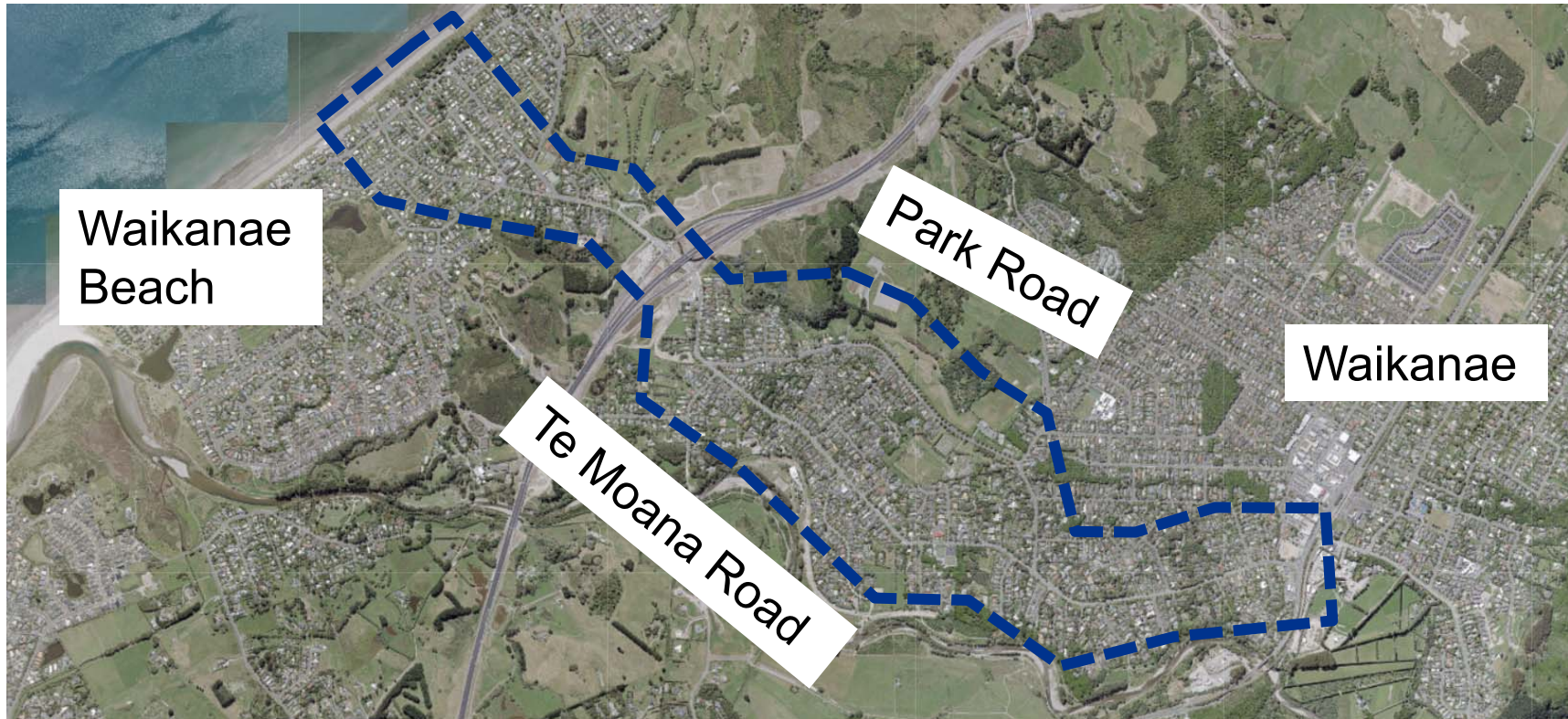
Transport Planner

30 July 2018

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Where is Te Moana Road?

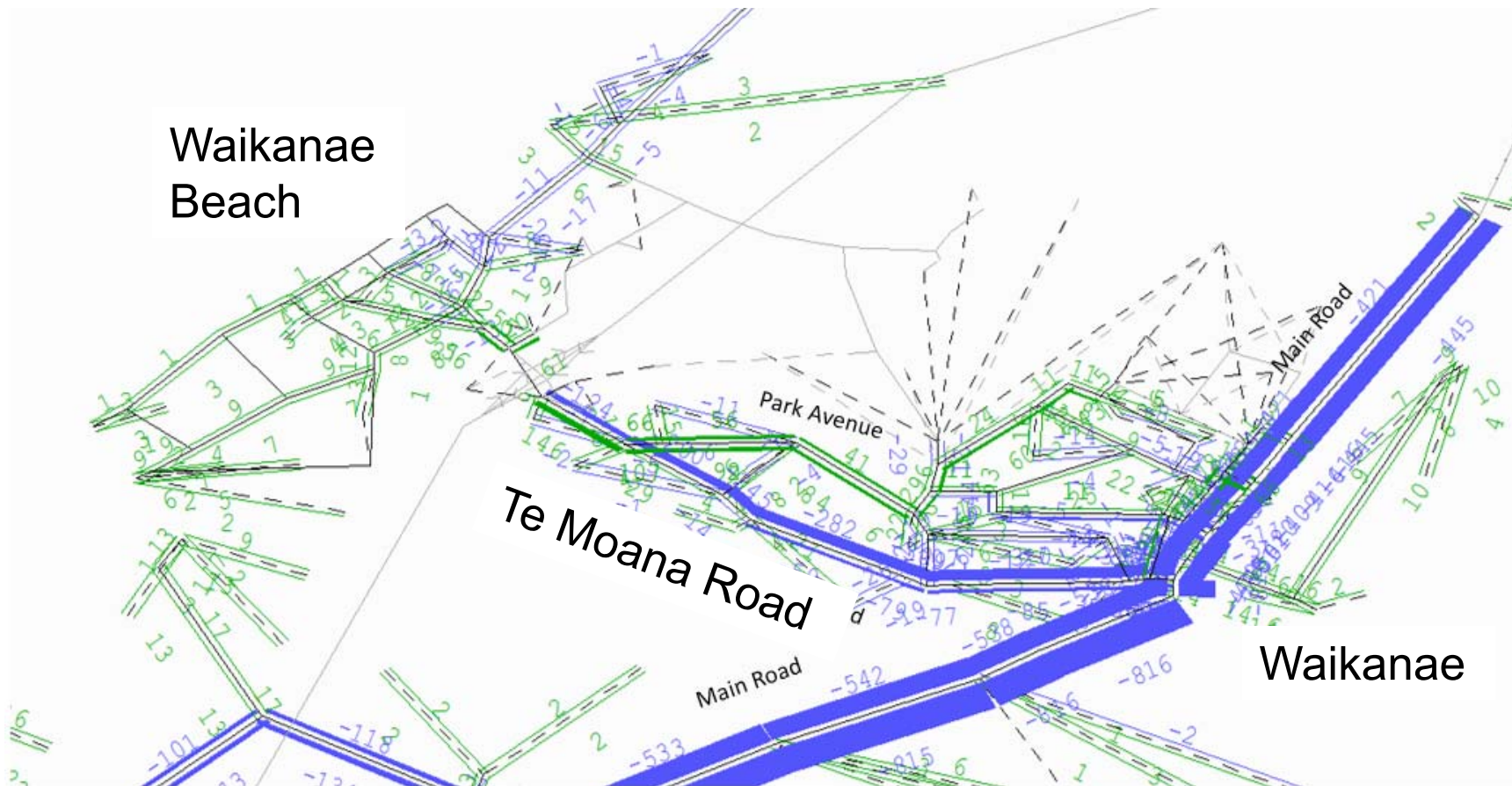


Kapiti Expressway



Source: Fairfax NZ

Post Expressway traffic volumes



Source: North Wellington Saturn Model

Stride n Ride



Source: KCDC

Waikanae town centre revitalisation



Source: KCDC

State Highway revocation

Artist's impression – Waikanae Bridge to Te Moana Road

Before



After

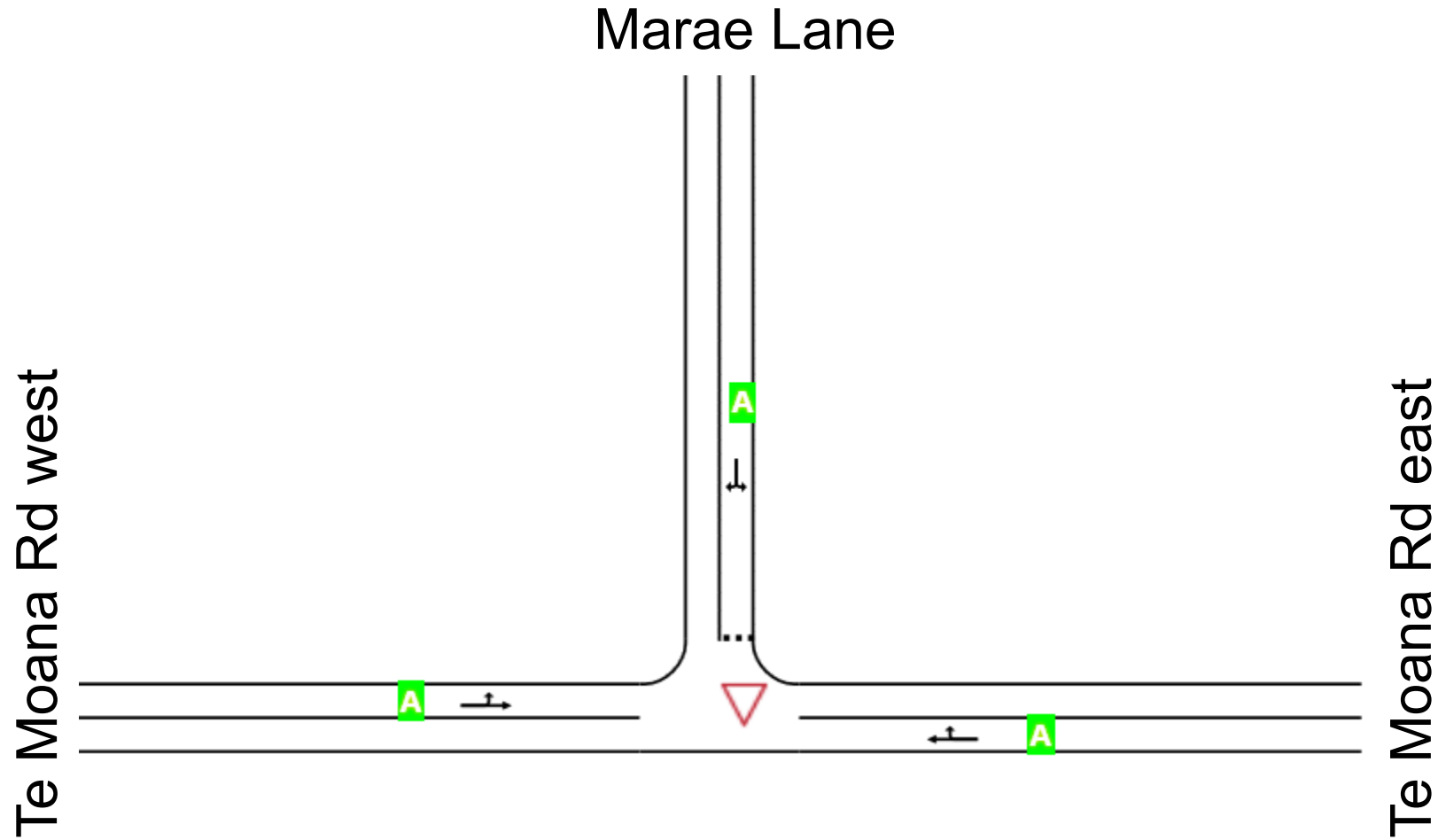


Source: NZTA

Road layout

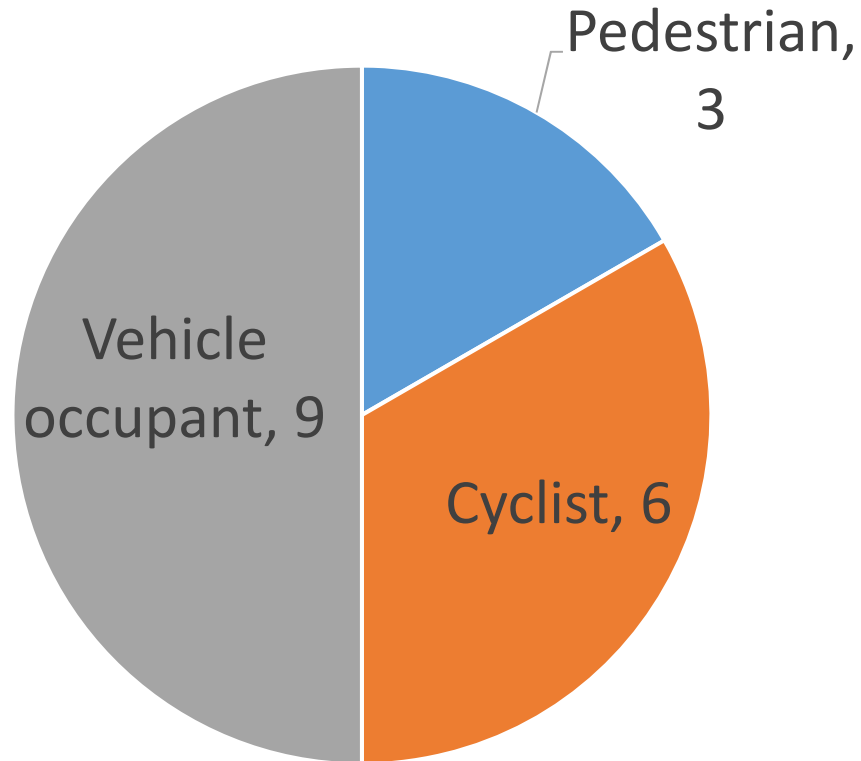


Intersection modelling



Crash history

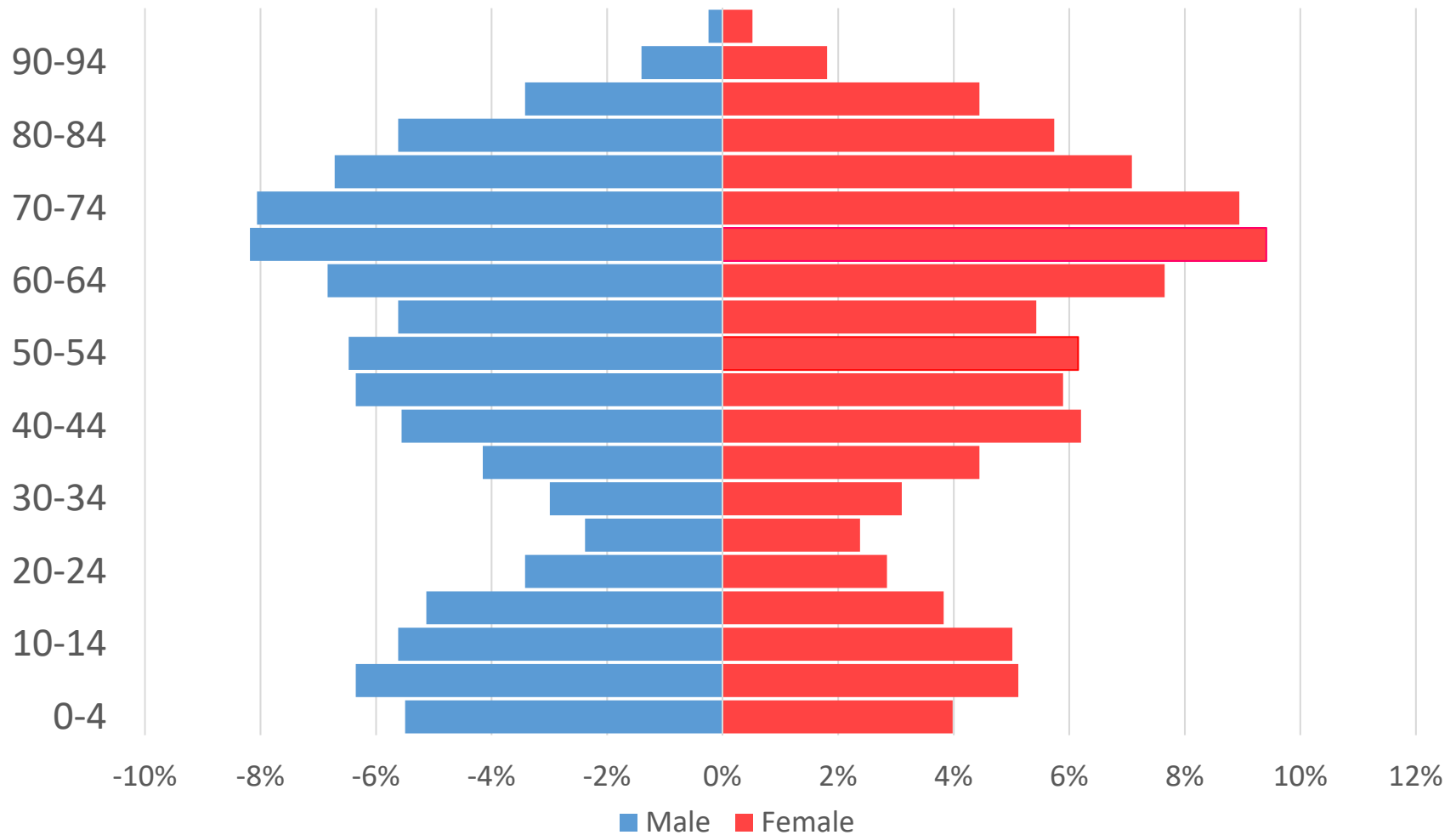
Injury crashes by mode 2013-2017



Source: CAS

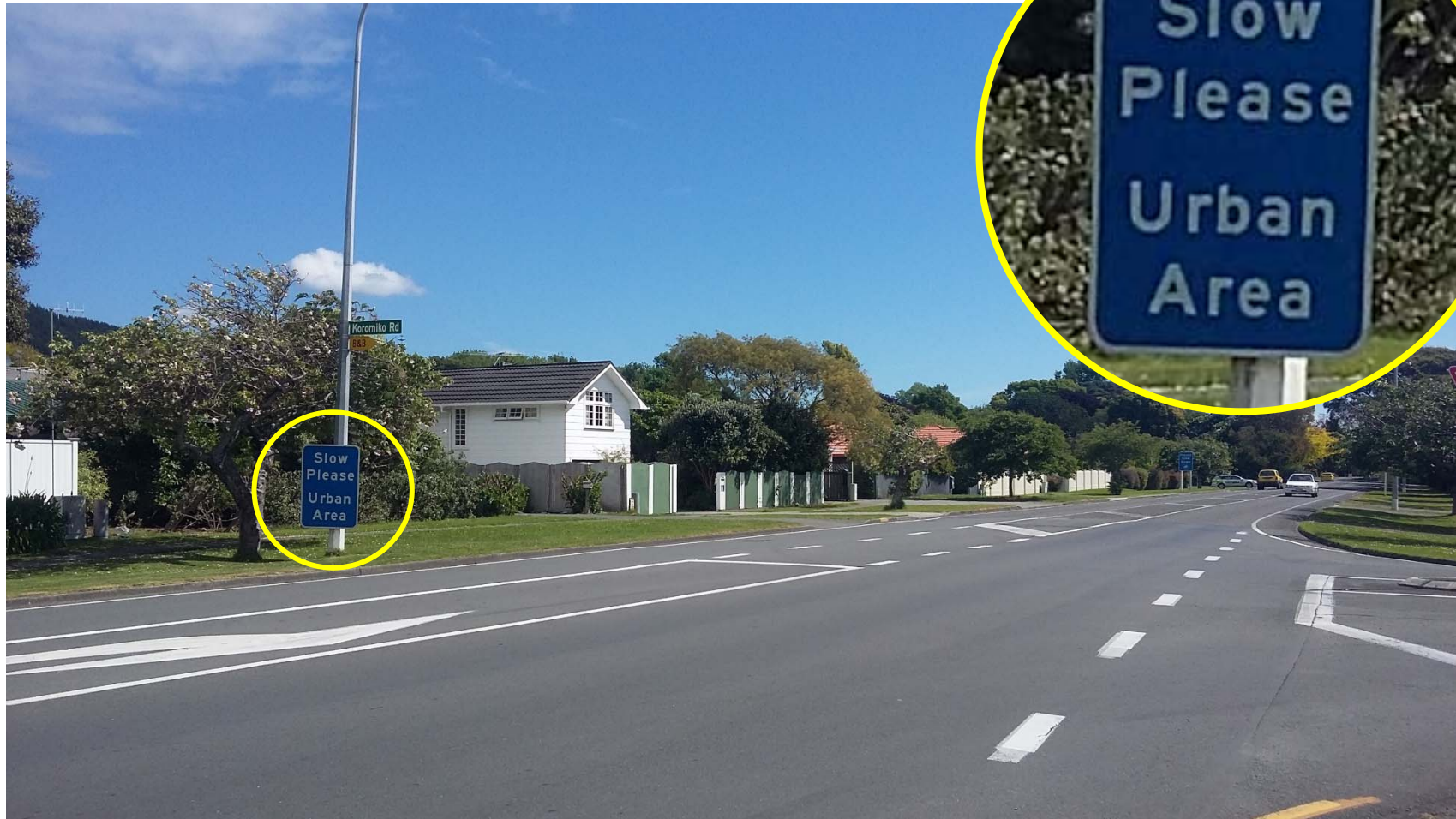
Demographics

Waikanae Population Pyramid 2013

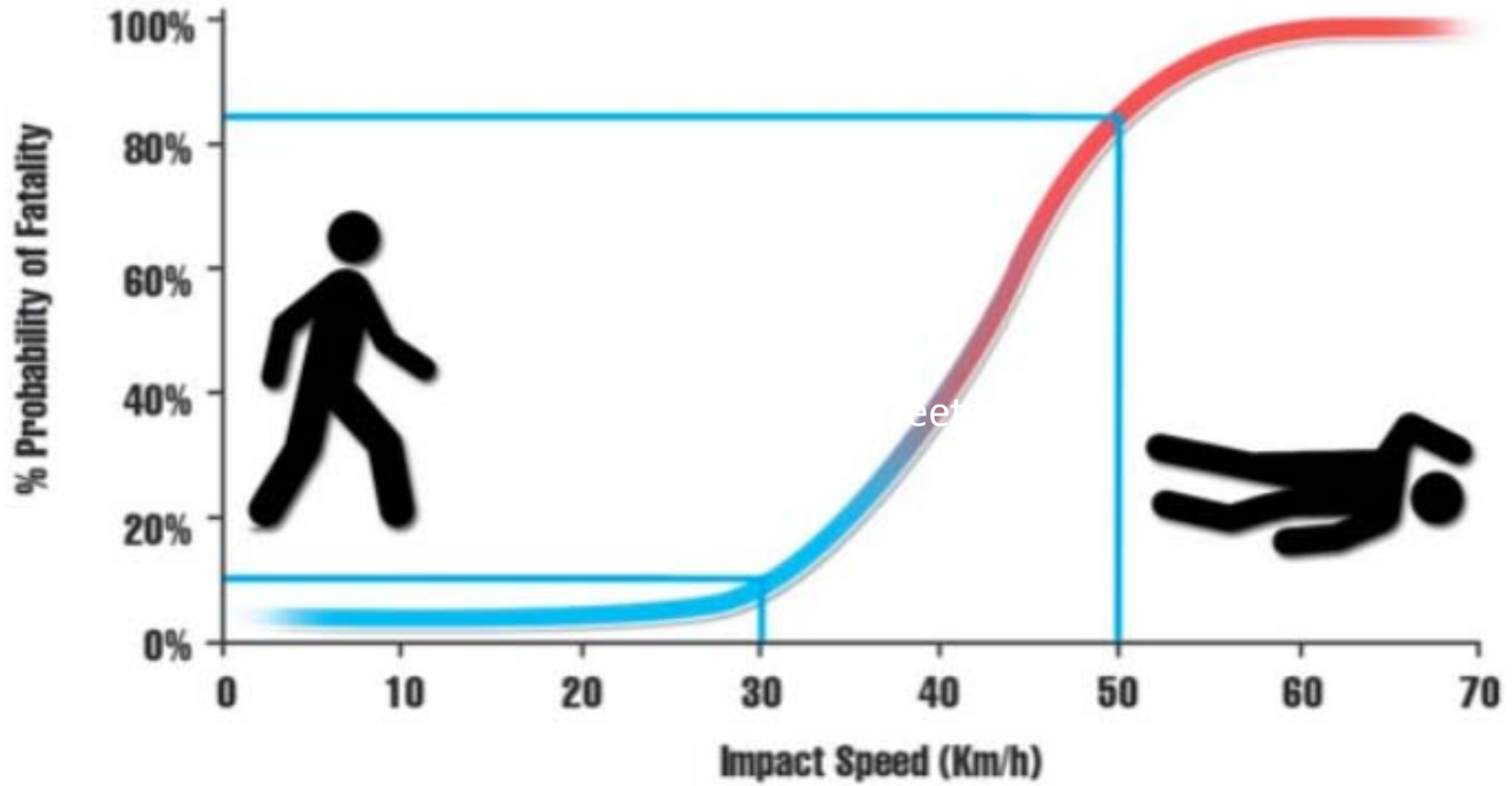


Source: Stats NZ

Vehicle operating speeds



Speed vs. risk



Source: Hamilton City Council

NZ case study

Local roads before



Collector roads before



Local roads after

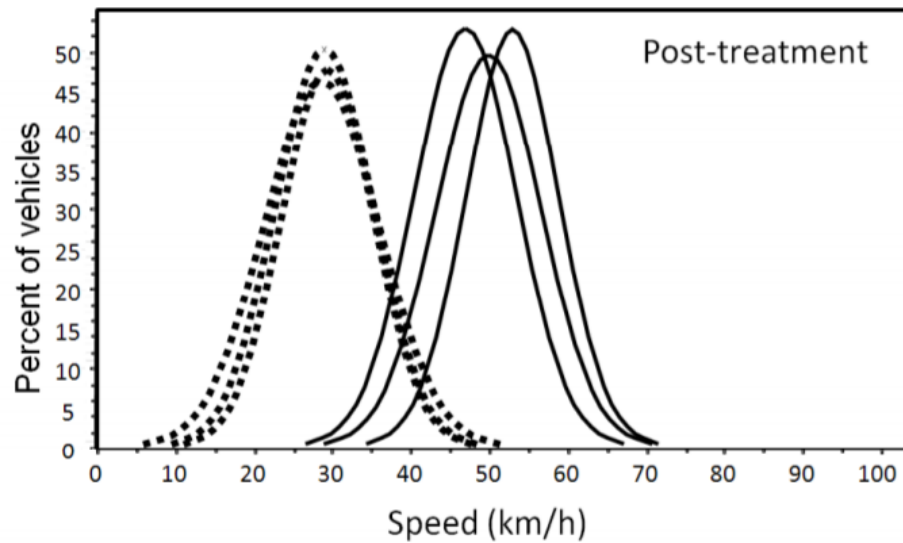
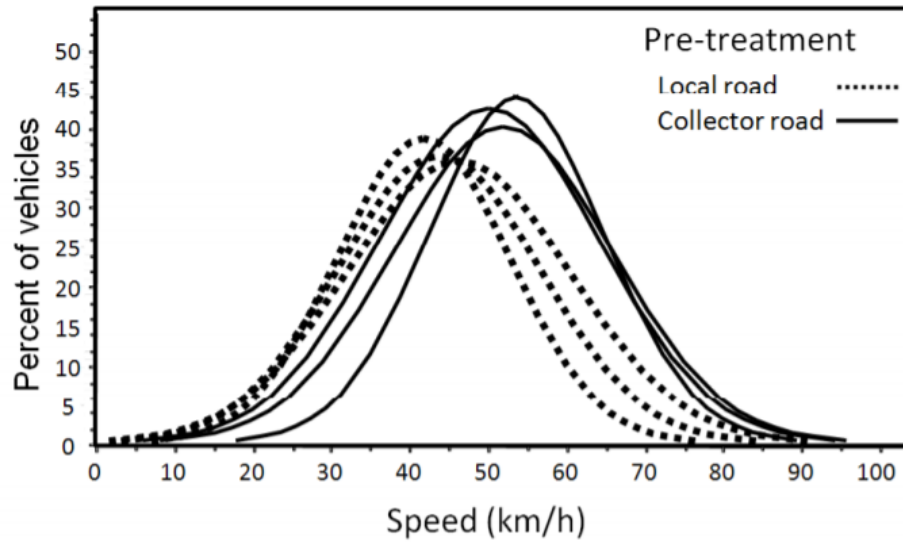


Collector roads after



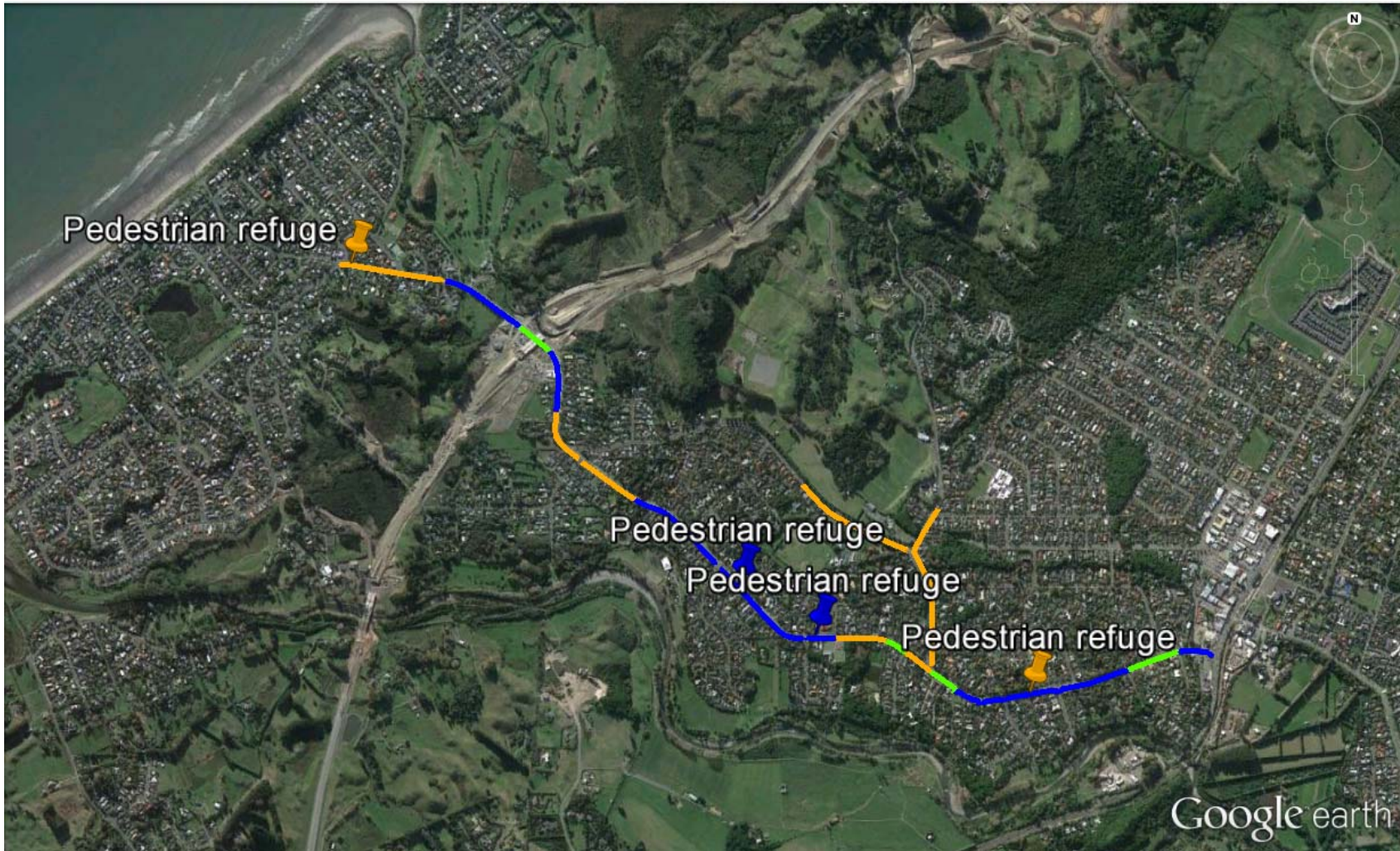
Source: Te Ara Mua – Future Streets

NZ case study cont.

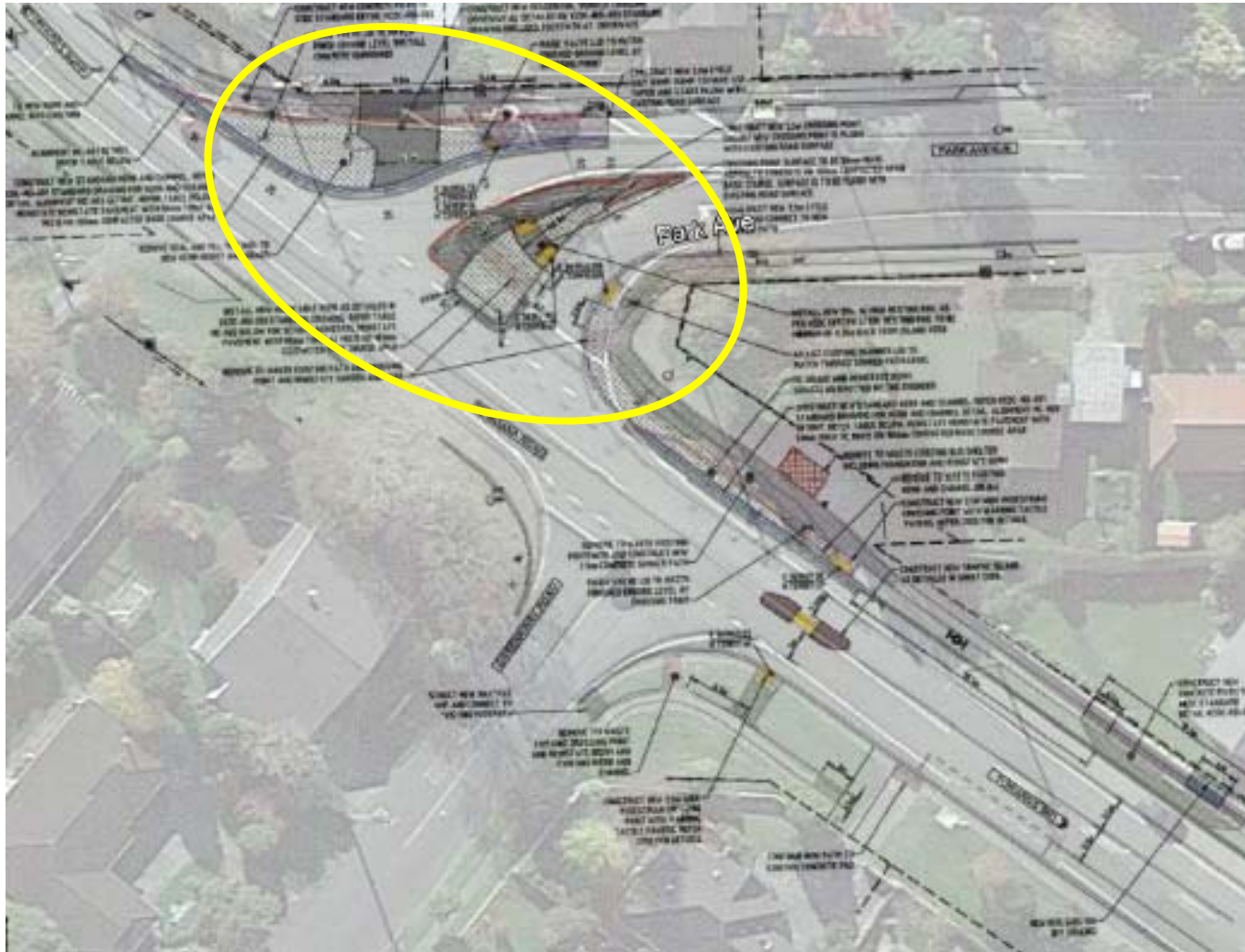


Source: Te
Ara Mua –
Future
Streets

New footpaths/ pedestrian refuges

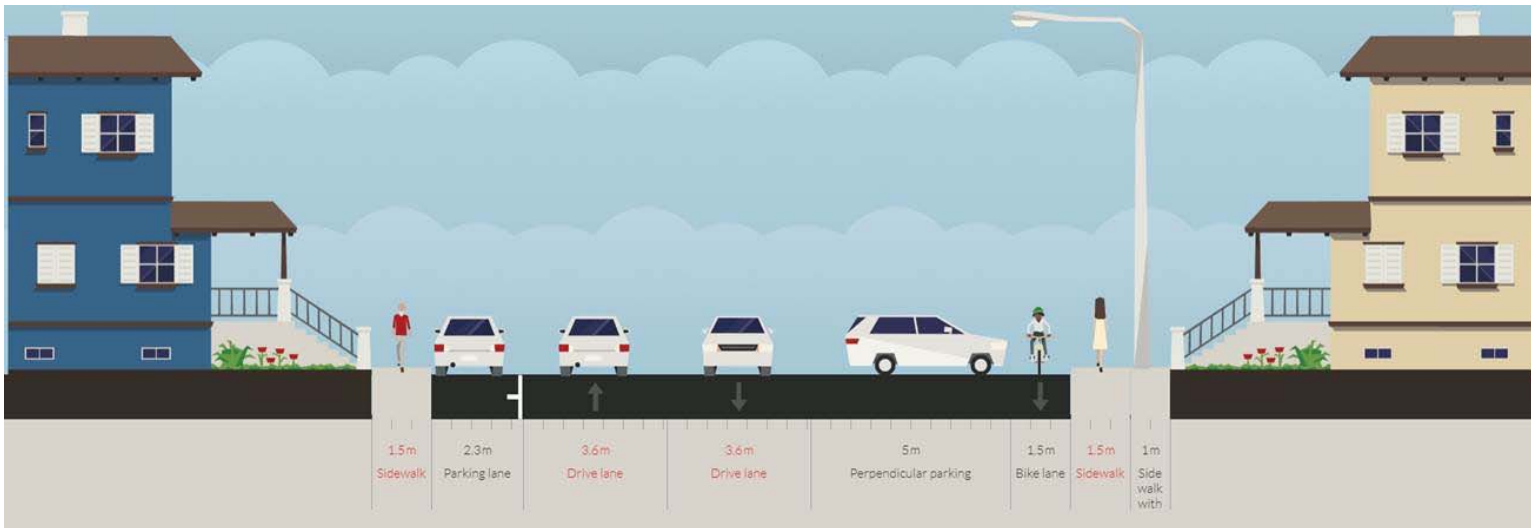


Corner turning radius and splitter islands



Source: KCDC

Shared path extension



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