

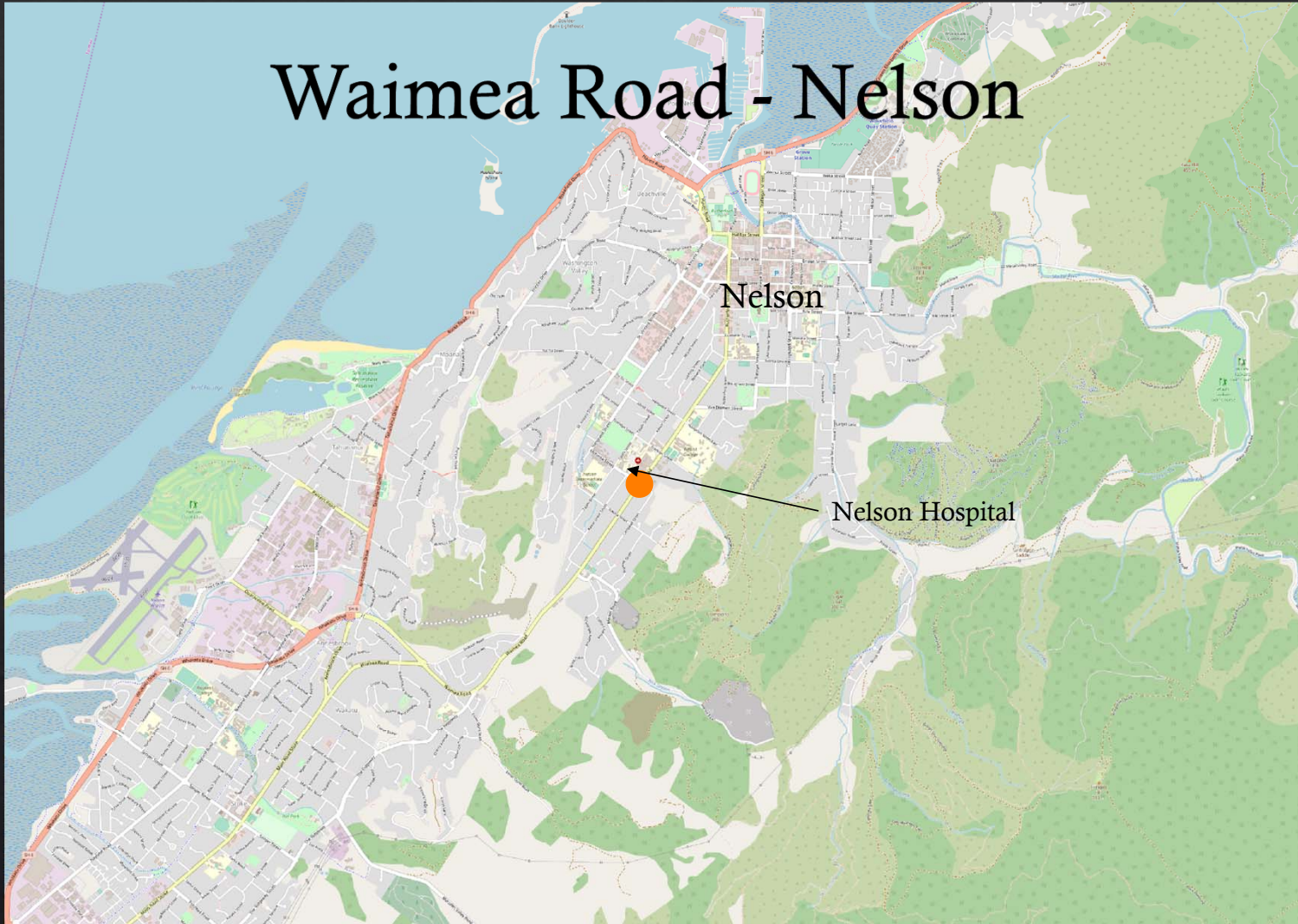
# Conflict Analysis with Real-Time Video Analytics

Presented by Andrew Liese

BE (Hons) Computer Systems

Stantec

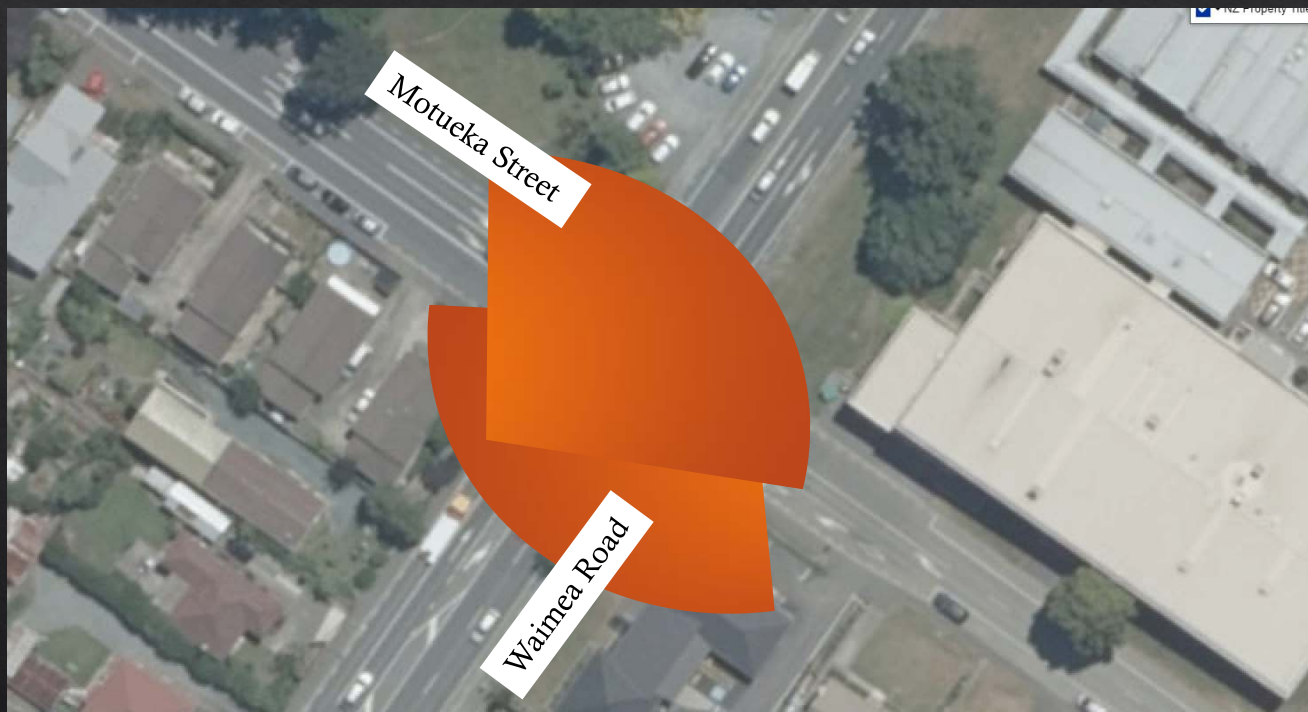
# Waimea Road - Nelson



Richmond



# Intersection Layout



# Camera Views



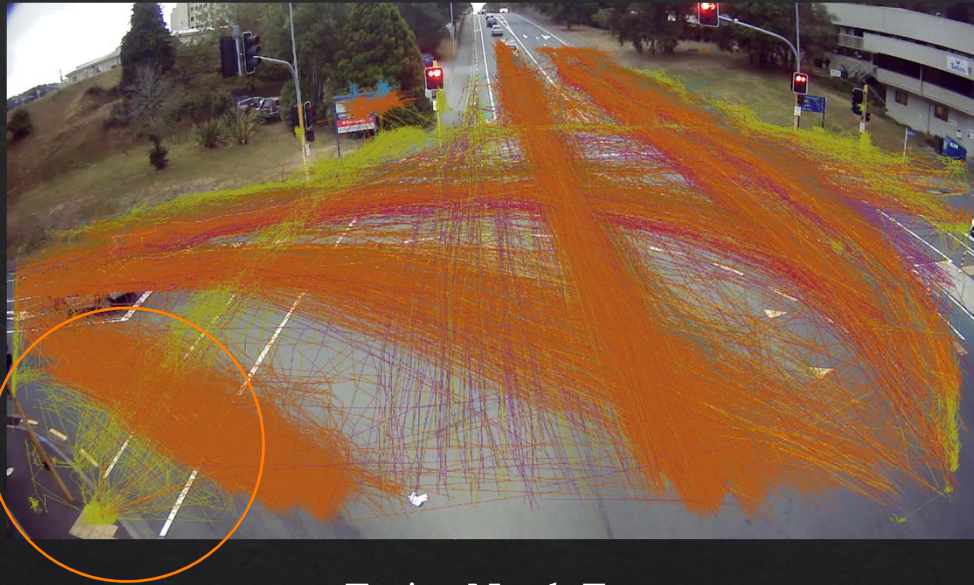
Facing North-East



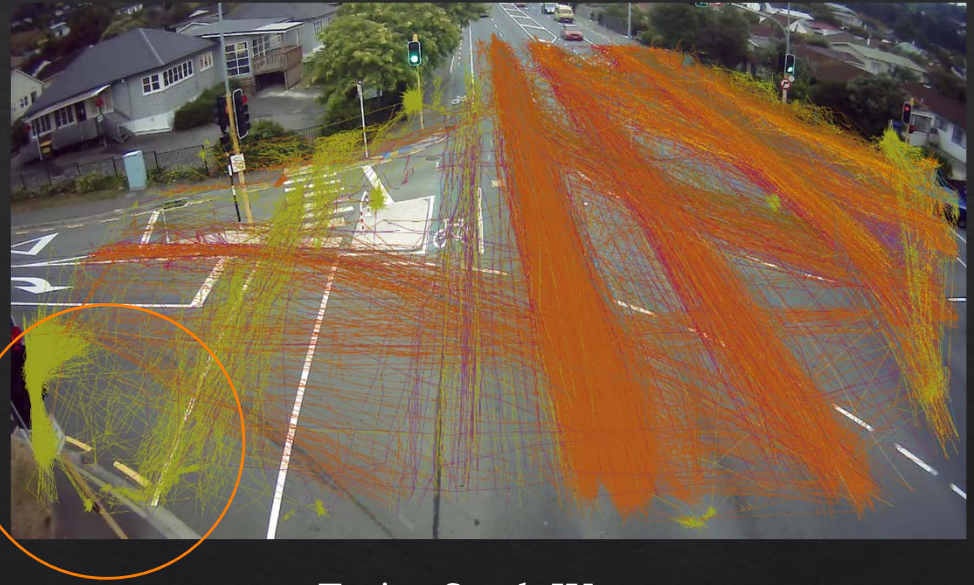
Facing South-West



# Camera Views

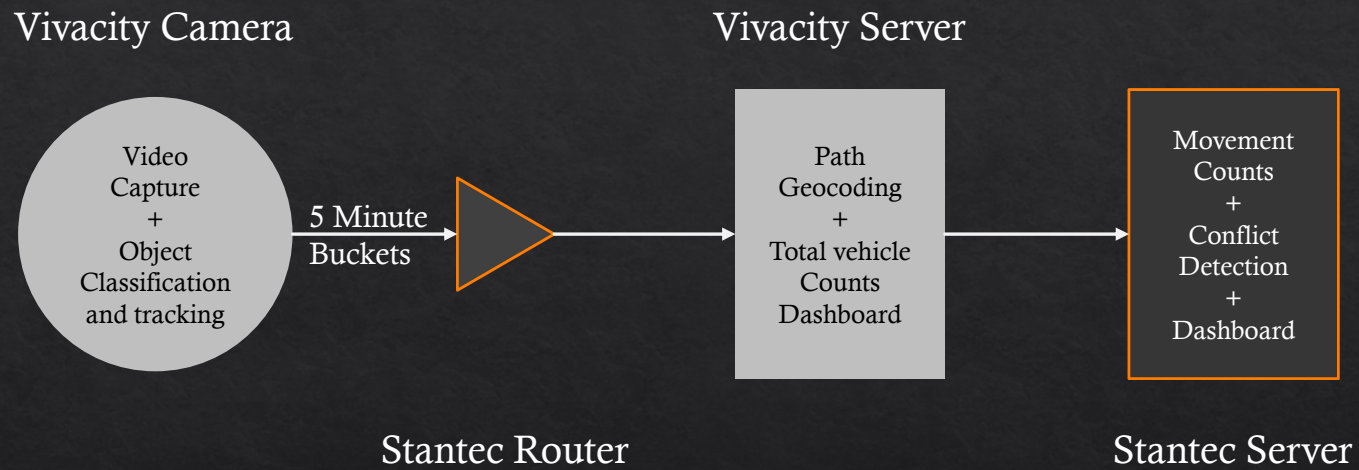


Facing North-East



Facing South-West

# Data and Processing







Object Types

12 items selected

Date

12.2.2019

Start Time (HH:MM):

08 00

Duration (mins):

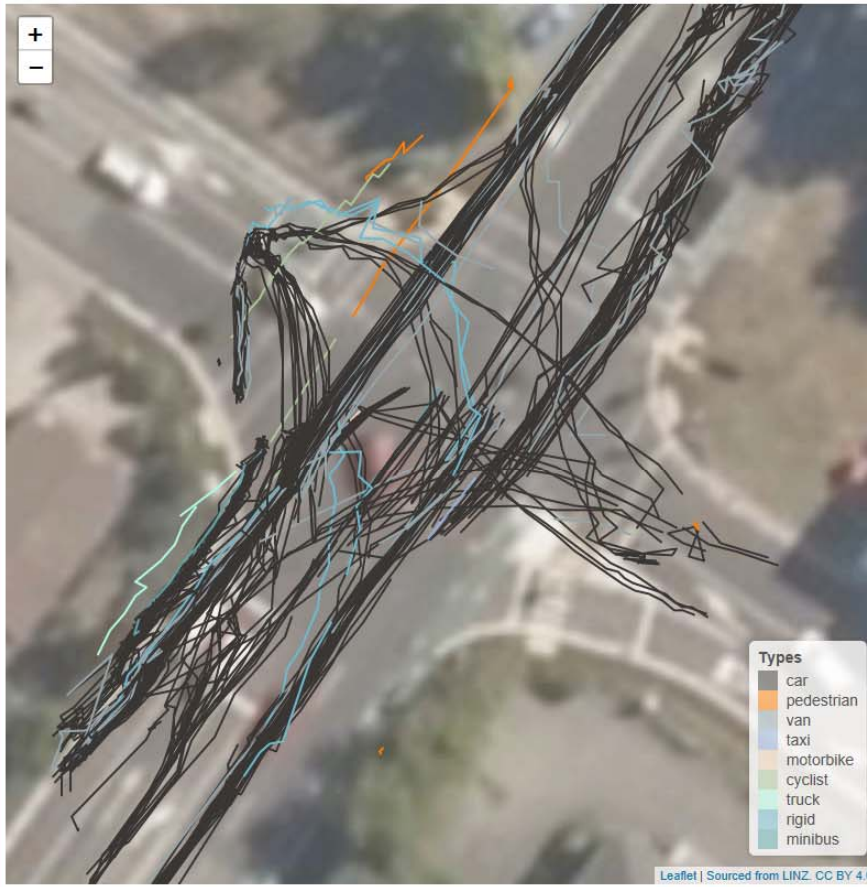
5

Display

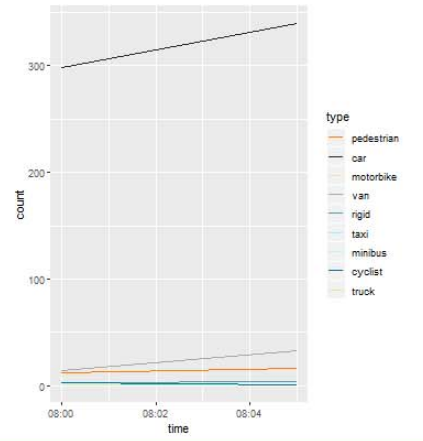
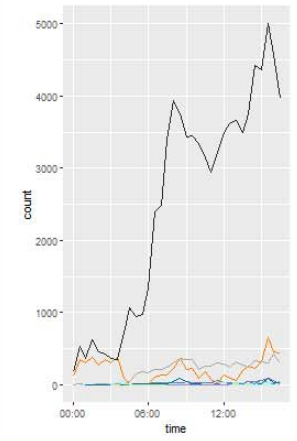
Movements

Display Conflict Points

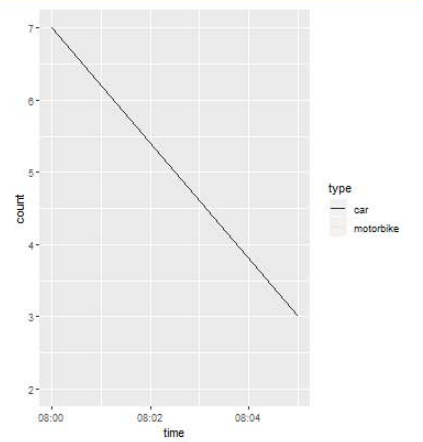
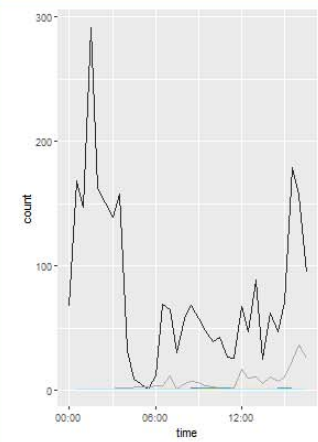
Waimea Road Map



Movements: Work in progress. Indicative only



Conflicts: Vehicles with vulnerable users





Object Types

12 items selected

Date  
12.2.2019

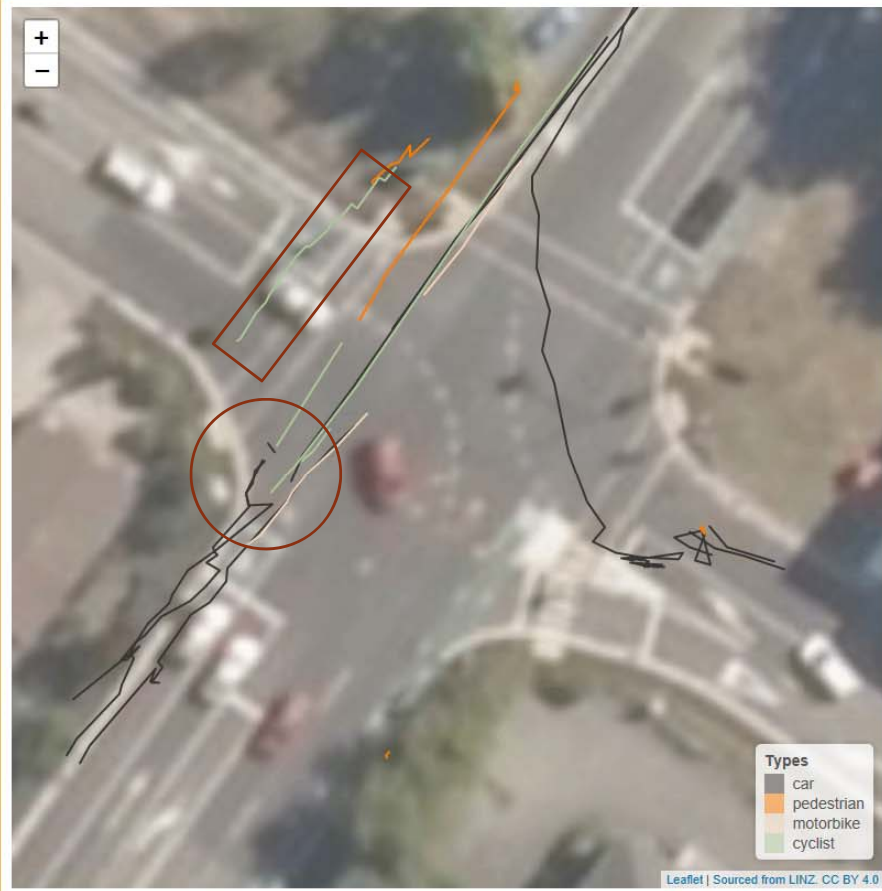
Start Time (HH:MM):  
08 00

Duration (mins):  
5

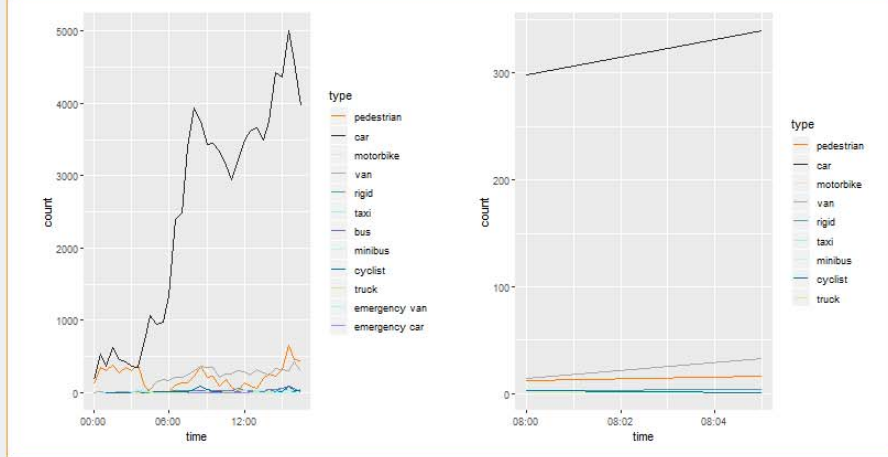
Display  
Conflicts

Display Conflict Points

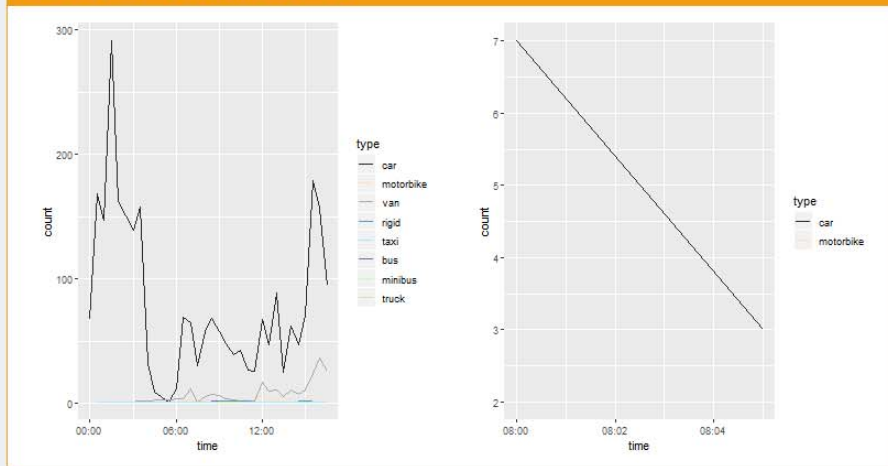
Waimea Road Map



Movements: Work in progress. Indicative only



Conflicts: Vehicles with vulnerable users





# Final Thoughts