

# Cambridge Connections – a long-term vision to shape Cambridge's transport infrastructure



# CAMBRIDGE IS GROWING MEANING IT'S BECOMING DIFFICULT TO GET AROUND

- Population projected to grow to approximately 35,600 people by 2051. A 91% increase.
- Significant growth means more traffic and more congestion. 50% more kms travelled daily by 2055.
- Waipā's population is aging, with those 65+ expected to double to 30% by 2050.

# VICTORIA STREET BRIDGE

- The Victoria Bridge is a historic structure, over 117 years old making it less reliable and increasingly expensive to maintain.
- The Bridge is very narrow and has a weight restriction (3 tonne max weight limit) meaning no heavy vehicles or buses can travel over it.
- The footpaths are narrow with no dedicated cycle facilities.
- Victoria Bridge and Shakespeare Bridges currently carry approximately 28,000 vehicles per day (53% to Fergusson Bridge and 47% to Victoria Bridge).

# PROBLEMS WE ARE TRYING TO ADDRESS

1. A car dependent transport system, exacerbated by growth results in increasing congestion and poor transport choices
2. Over-reliance on key connections\* to perform multiple functions results in conflicts, reduced amenity, and poor system resilience

\* Key connections includes Victoria Bridge

# BENEFITS OF INVESTING

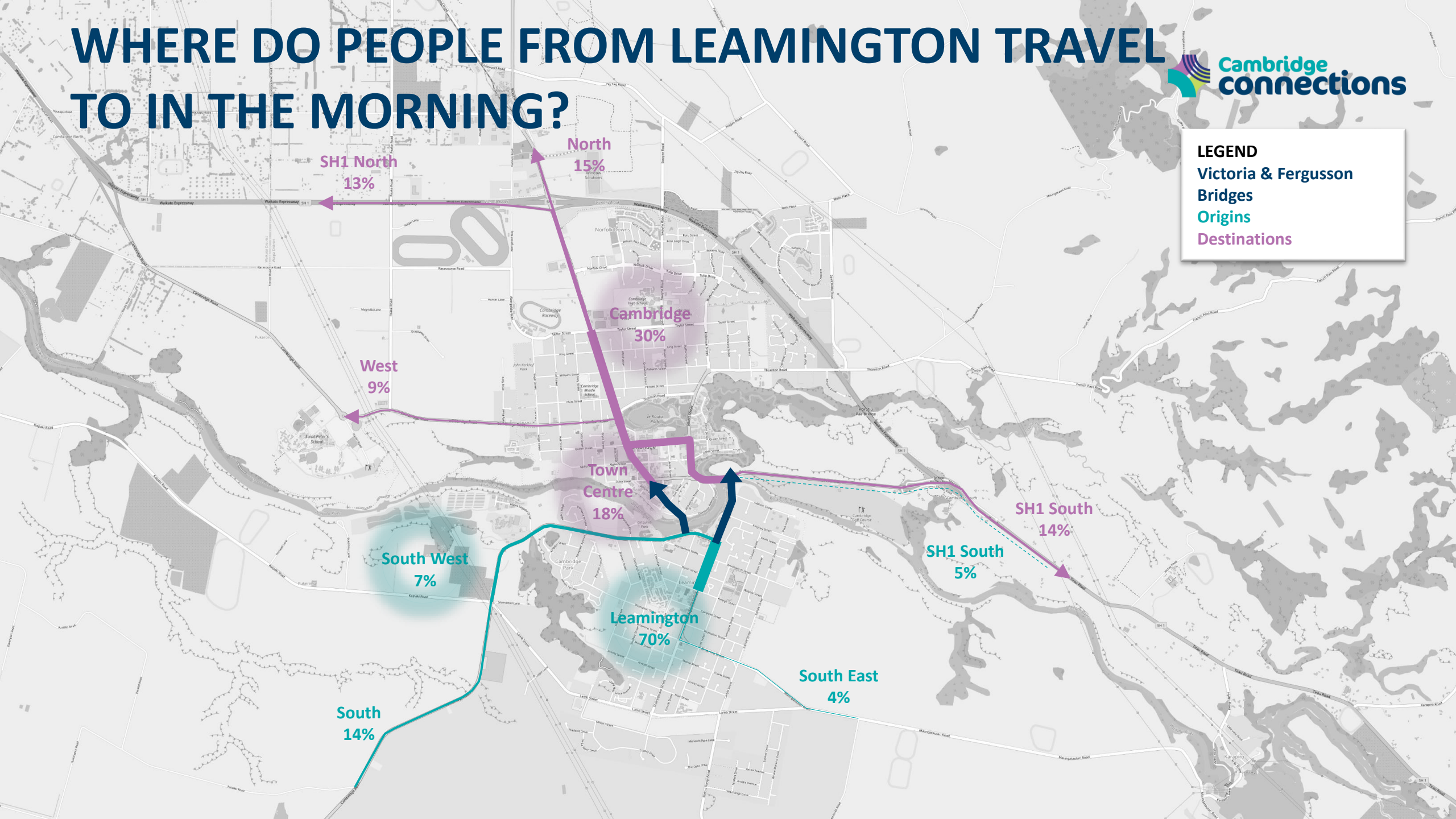


# CURRENT AND FUTURE TRAFFIC PATTERNS



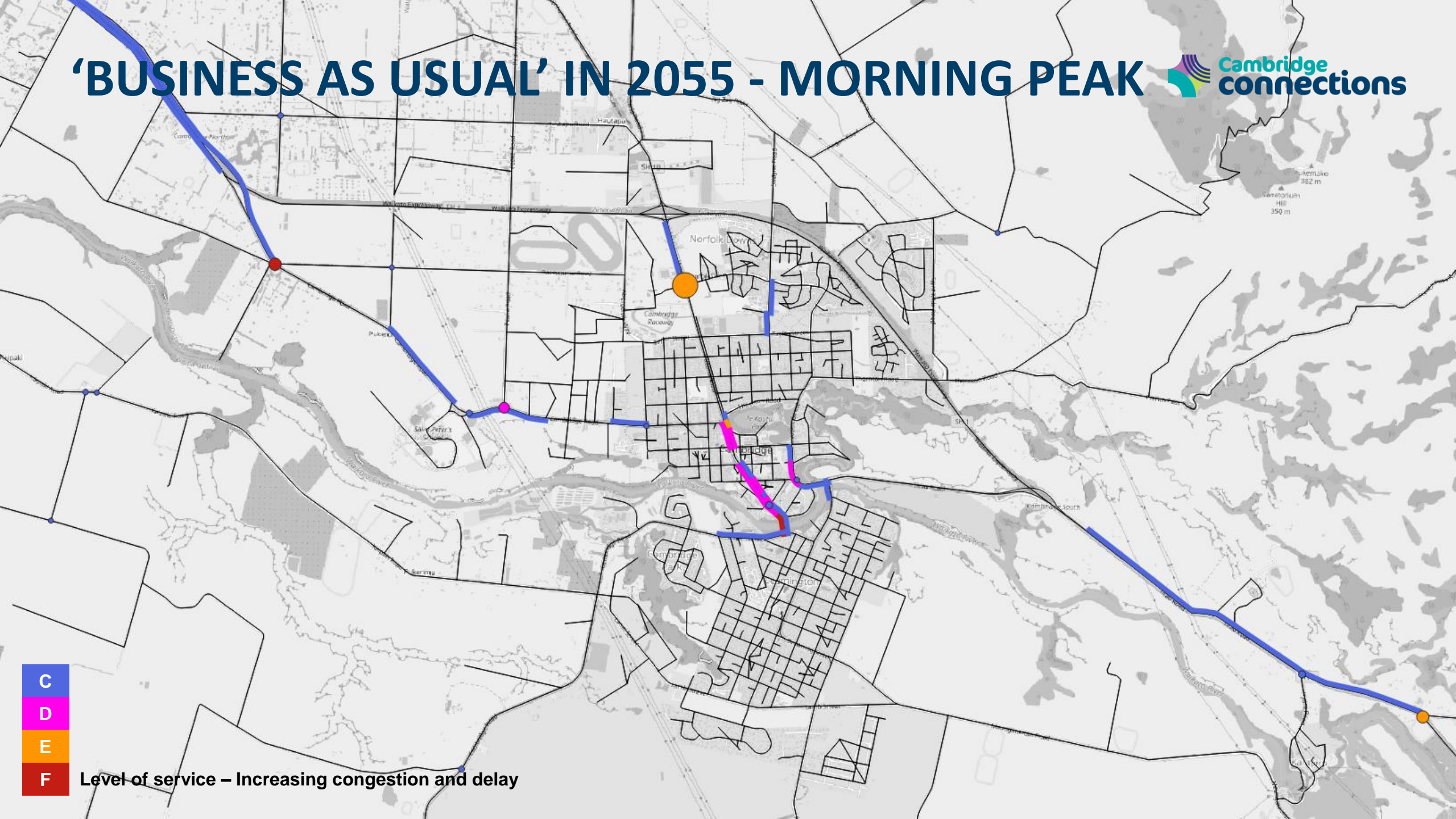
# WHERE DO PEOPLE FROM LEAMINGTON TRAVEL TO IN THE MORNING?

**LEGEND**  
Victoria & Fergusson  
Bridges  
Origins  
Destinations





# 'BUSINESS AS USUAL' IN 2055 - MORNING PEAK

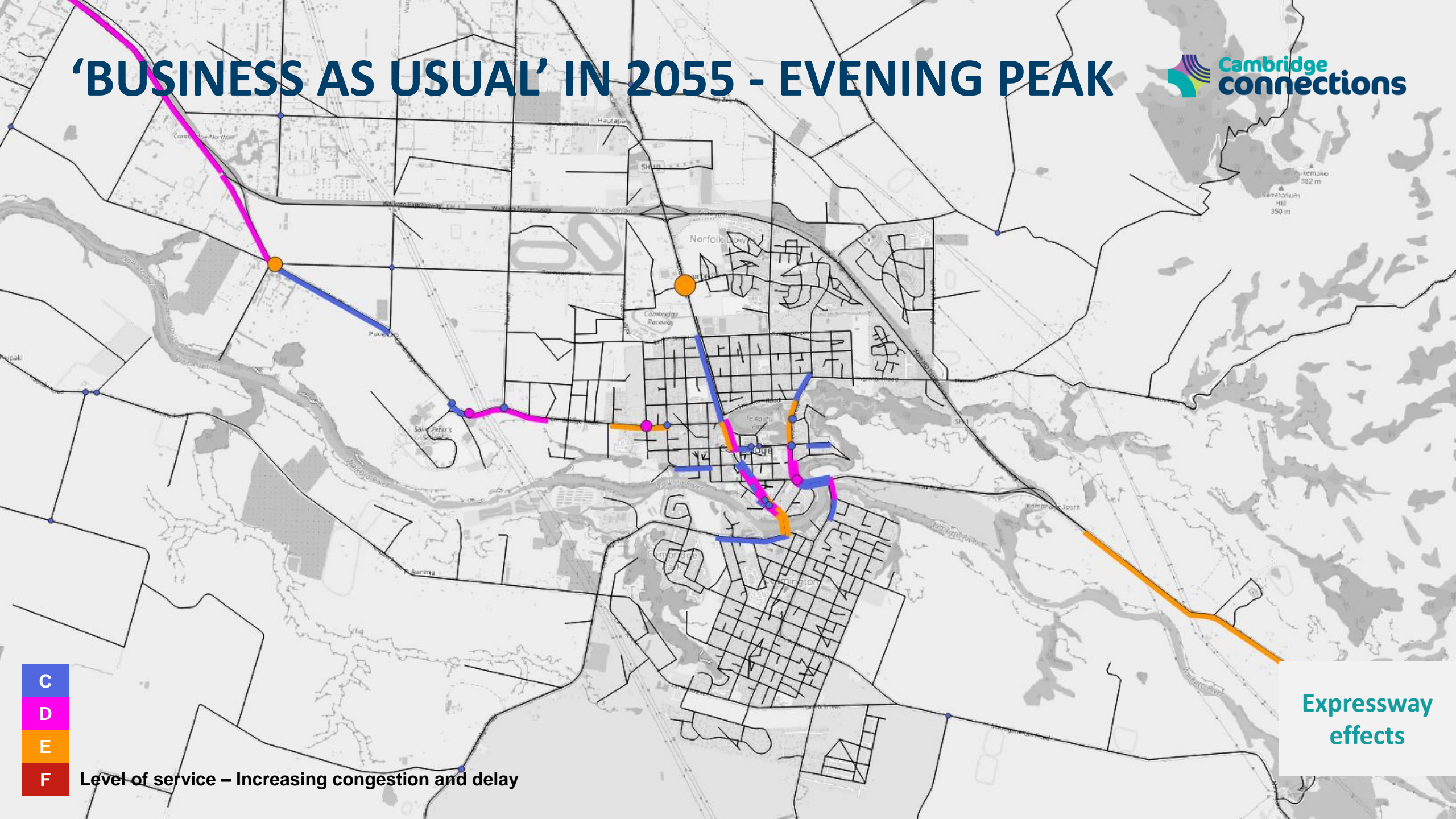


- C
- D
- E
- F

Level of service – Increasing congestion and delay



# 'BUSINESS AS USUAL' IN 2055 - EVENING PEAK



- C
- D
- E
- F

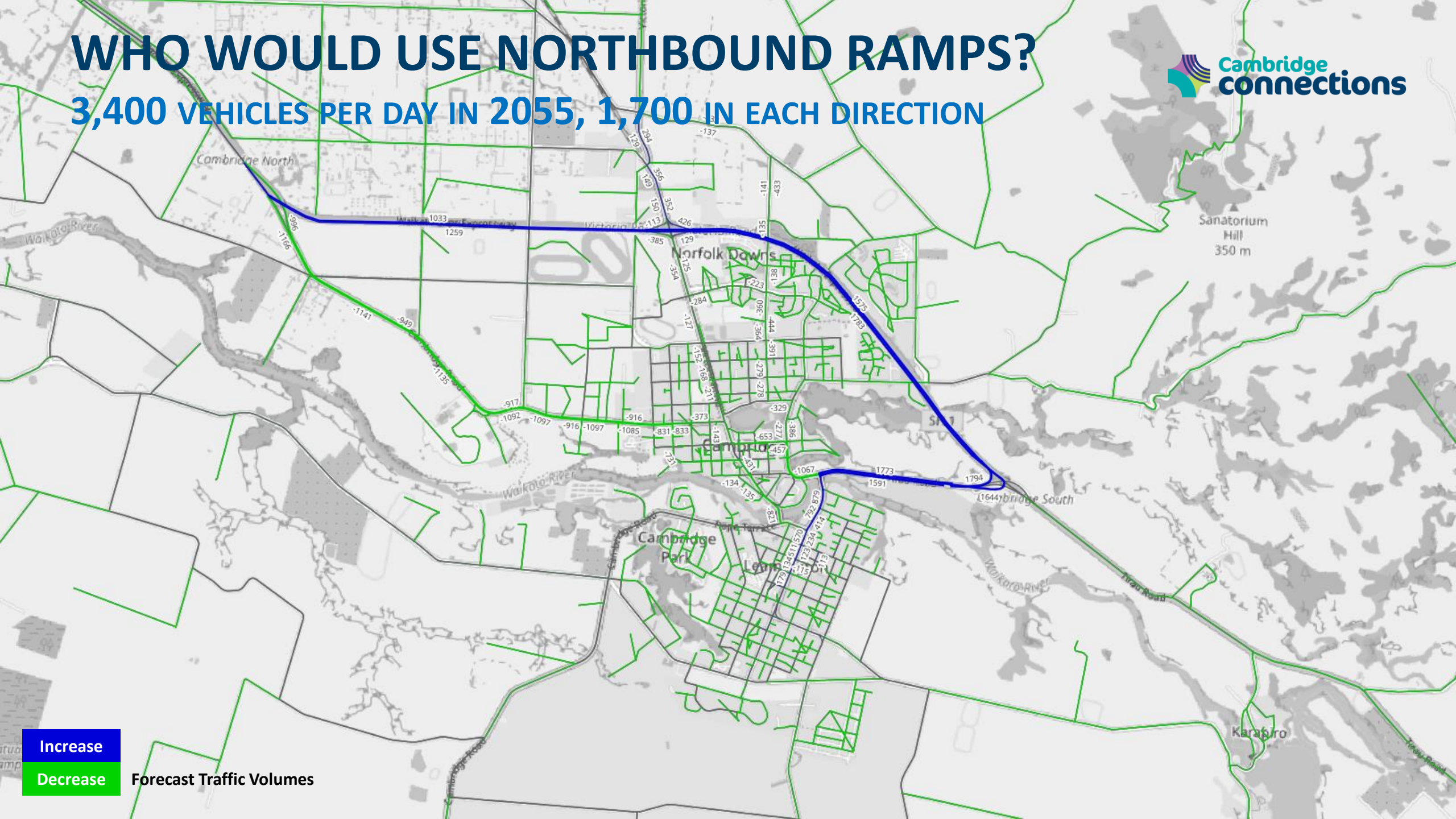
Level of service – Increasing congestion and delay

Expressway effects



# WHO WOULD USE NORTHBOUND RAMPS?

3,400 VEHICLES PER DAY IN 2055, 1,700 IN EACH DIRECTION

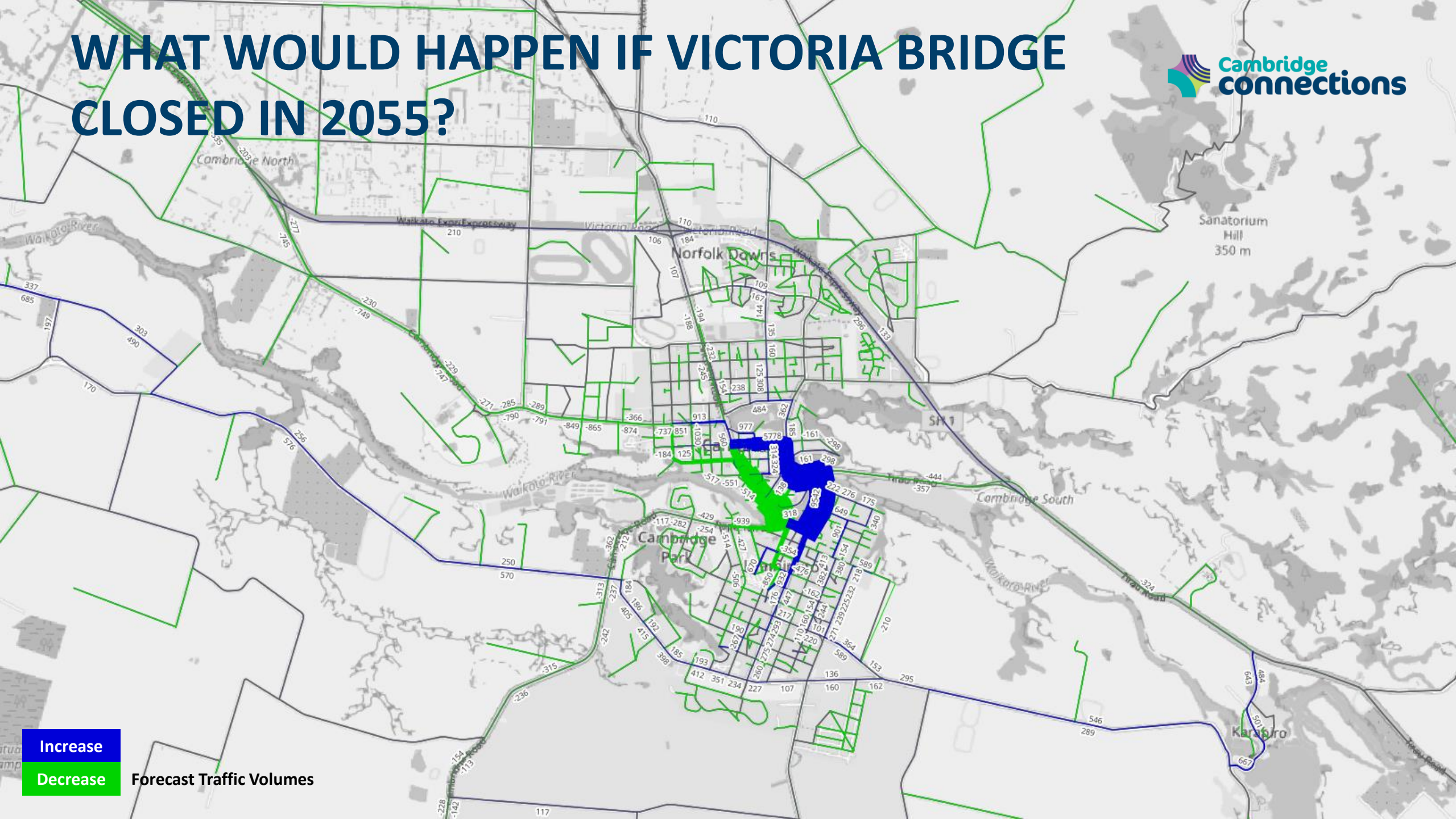


Increase  
Decrease

Forecast Traffic Volumes



# WHAT WOULD HAPPEN IF VICTORIA BRIDGE CLOSED IN 2055?



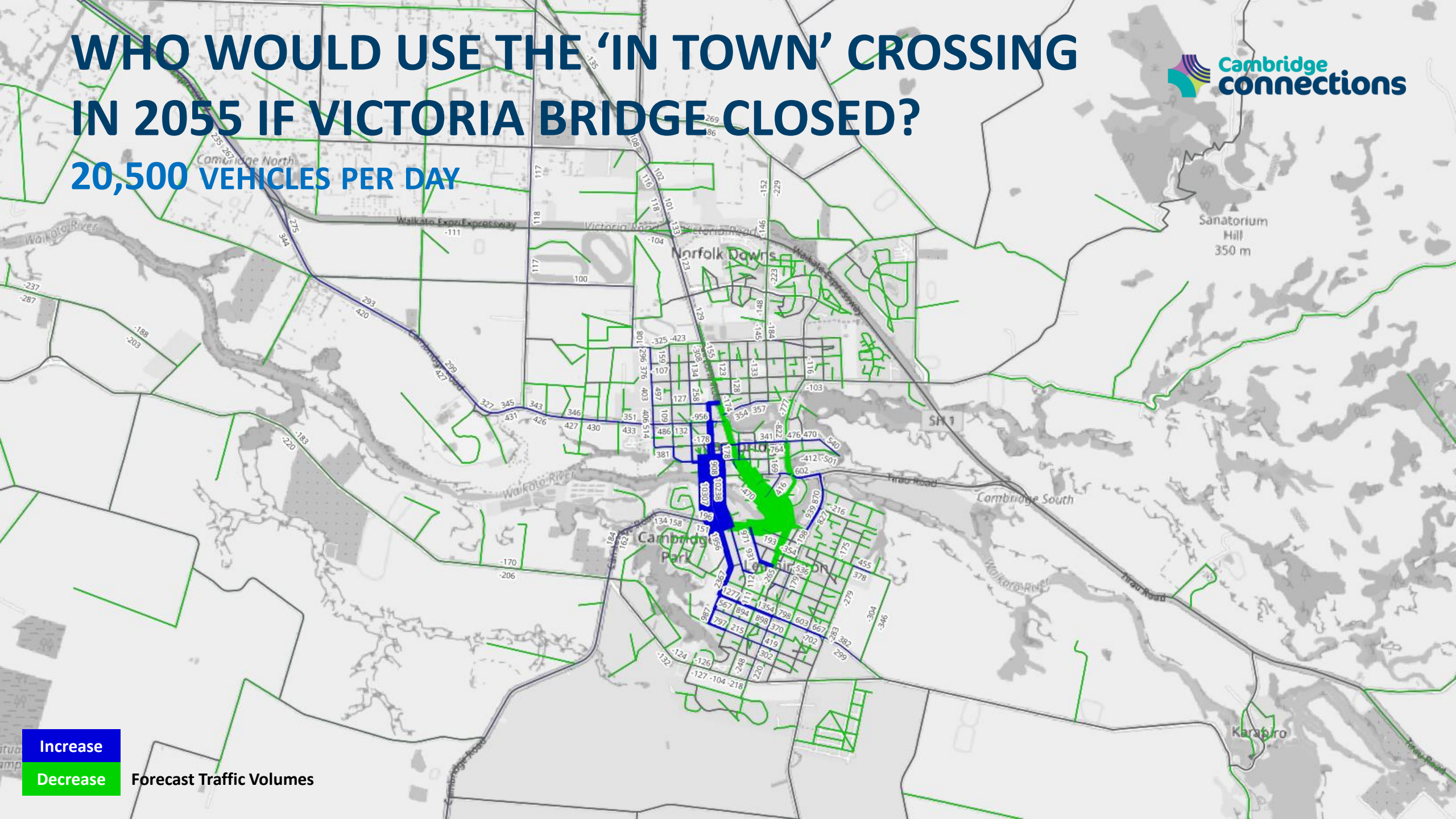
Increase  
Decrease

Forecast Traffic Volumes



# WHO WOULD USE THE 'IN TOWN' CROSSING IN 2055 IF VICTORIA BRIDGE CLOSED?

20,500 VEHICLES PER DAY



Increase  
Decrease

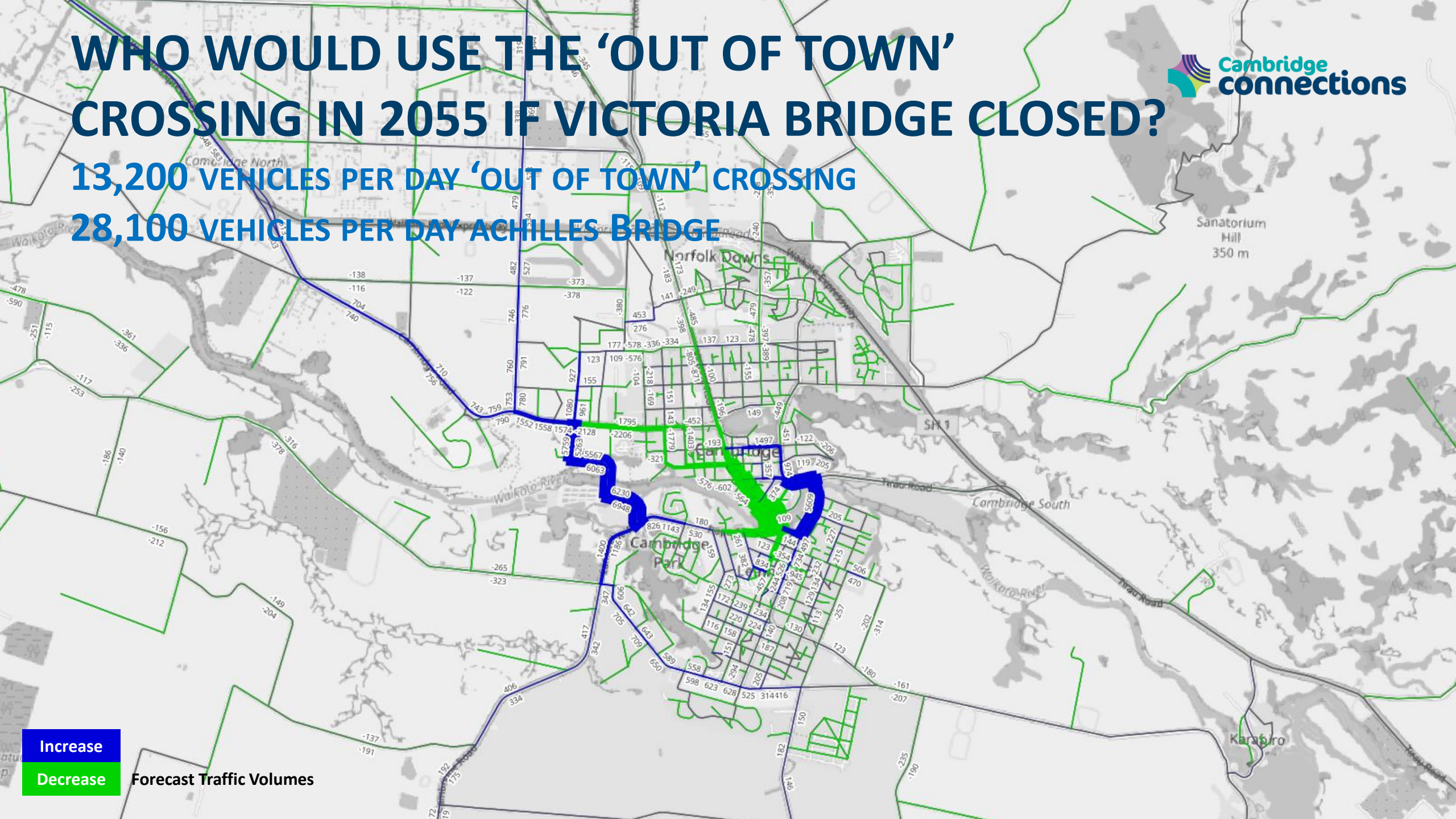
Forecast Traffic Volumes



# WHO WOULD USE THE 'OUT OF TOWN' CROSSING IN 2055 IF VICTORIA BRIDGE CLOSED?



13,200 VEHICLES PER DAY 'OUT OF TOWN' CROSSING  
28,100 VEHICLES PER DAY ACHILLES BRIDGE



Increase  
Decrease

Forecast Traffic Volumes