POINT GREY – CORNWALL CORRIDOR

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Project Context

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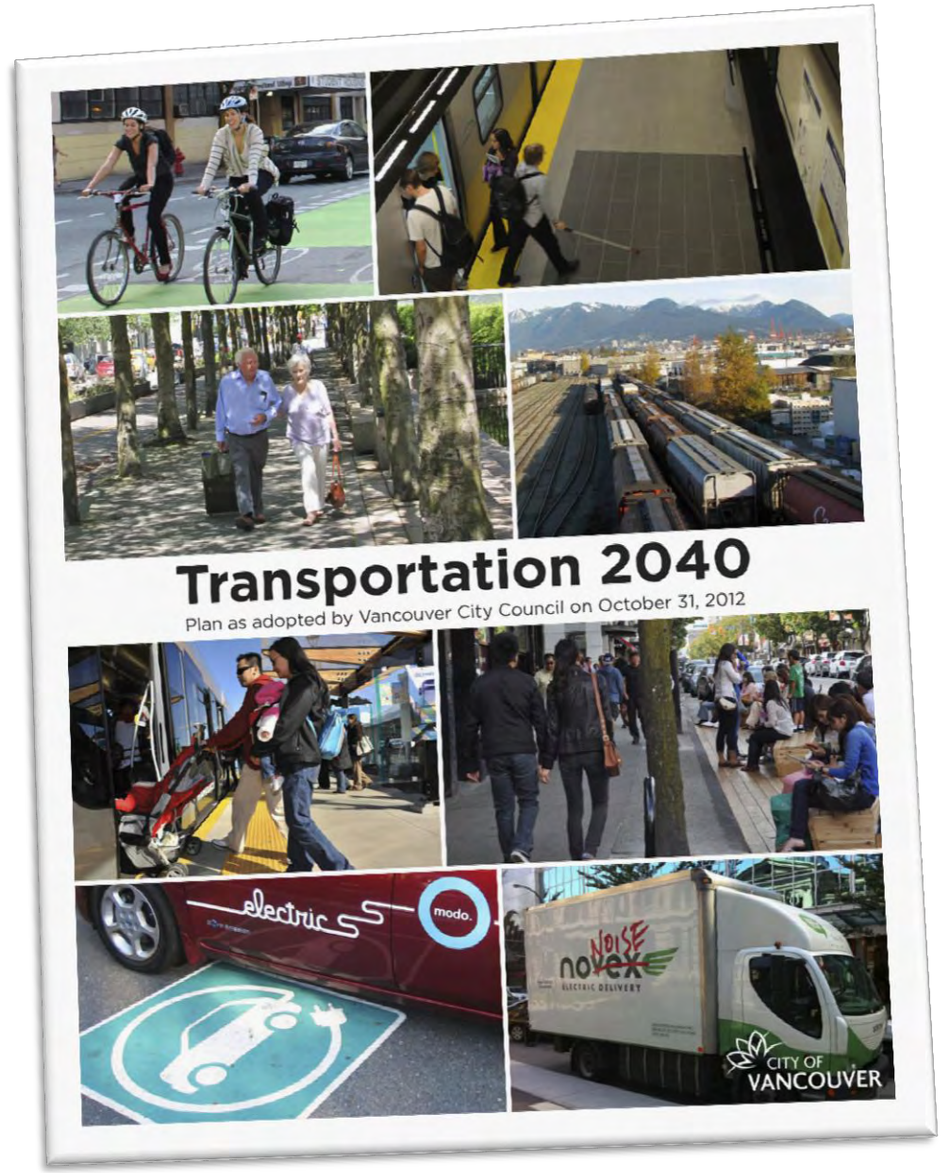
Context

Transportation 2040

- Raised the bar for walking and cycling infrastructure
- Focused on making streets safe, accessible, and enjoyable
- Prioritized Point Grey-Cornwall on the five year All Ages and Abilities cycling map
- Set targets for walking and cycling, aim for zero fatalities



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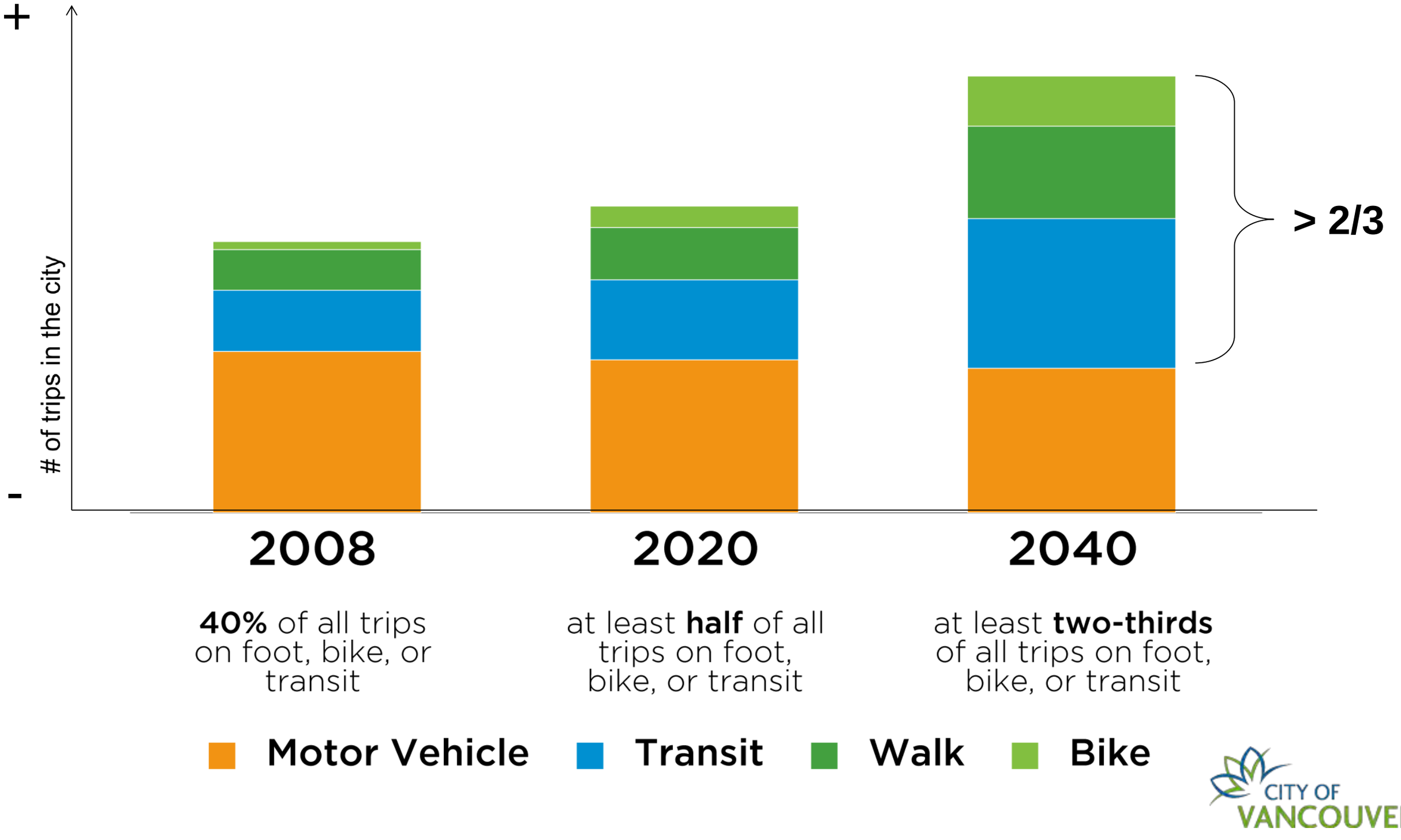
Context

Mode Share Targets



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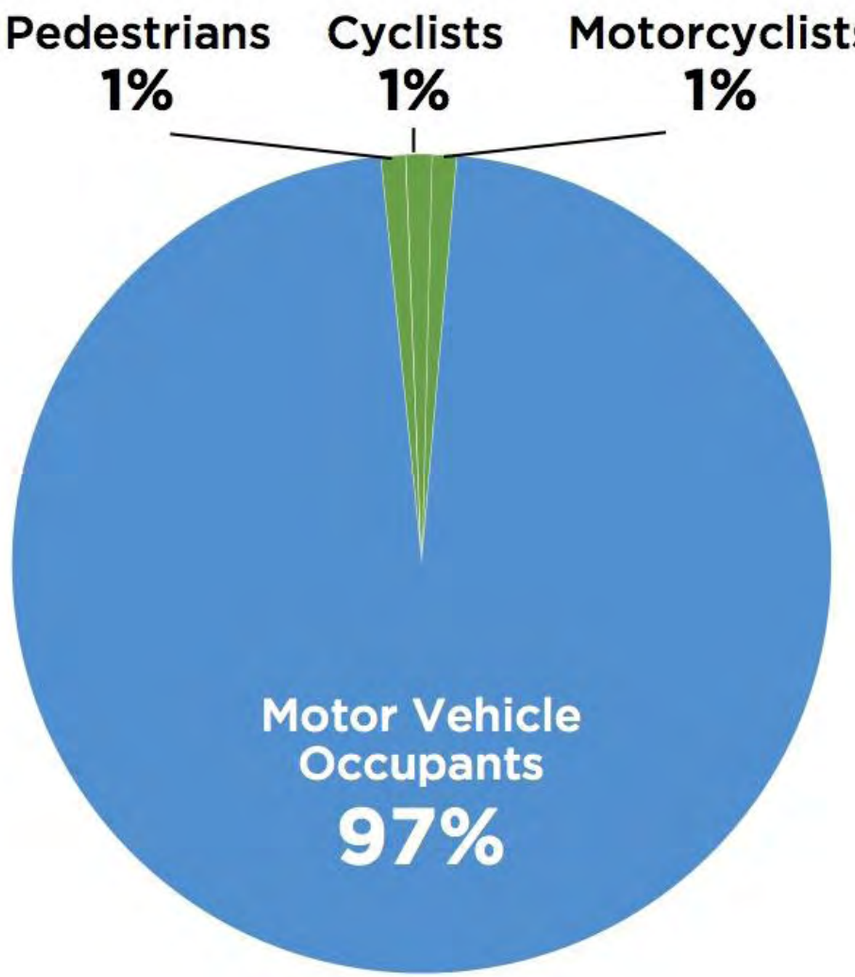
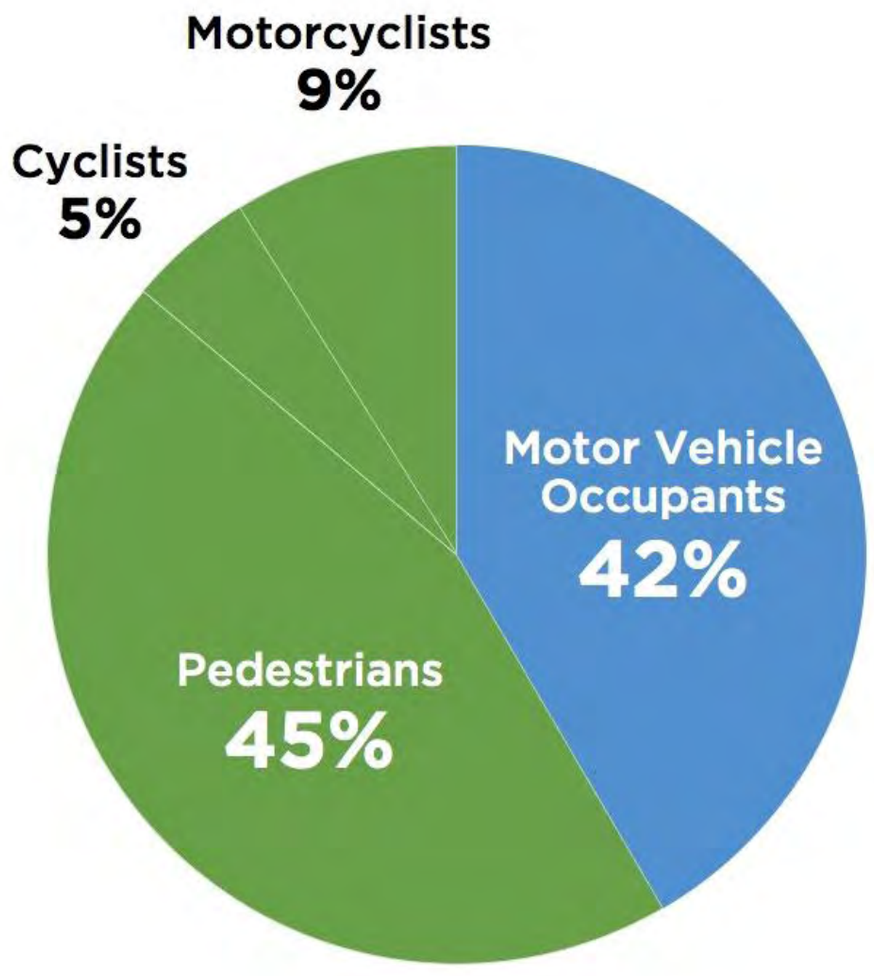
Context

Zero Fatality Goal

Pedestrians, cyclists, and motorcyclists are involved in only **3%** of collisions, but account for almost **60%** of fatalities.



Collisions



Fatalities

Source: ICBC 2005-2010, VPD 2005-2010

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Project Overview

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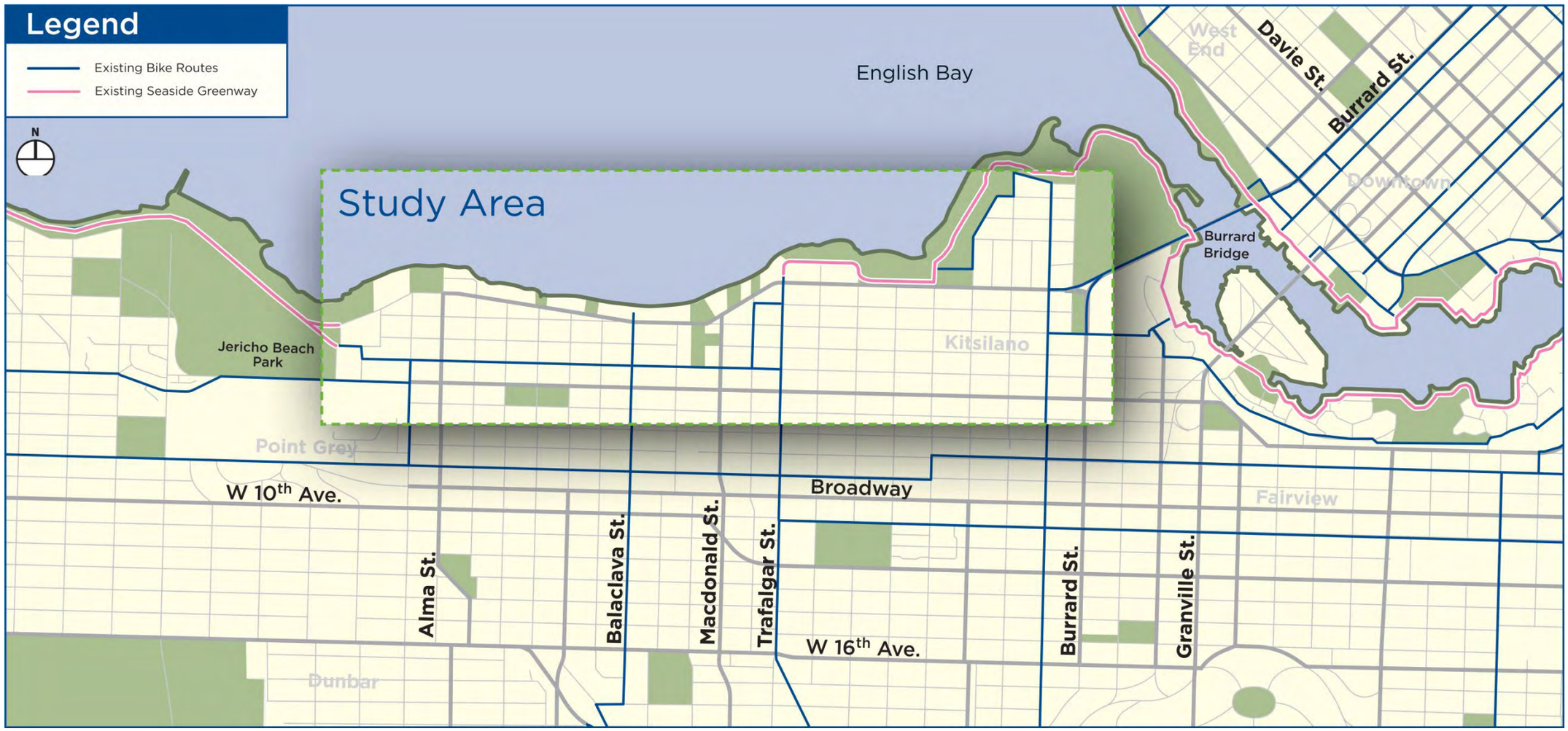
Overview

Study Area and Project Goal



Create a walking and cycling connection between Burrard Bridge and Jericho Beach that is safe, convenient, and comfortable for people of all ages and abilities

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Key Objectives

- Make the Burrard/Cornwall intersection **safer** and more direct for walking & cycling

- Improve safety and comfort by minimizing conflicts and reducing the **volume** and **speed** of motor vehicles

- Close a major **gap** in the walking and cycling network

Key Objectives

- Significantly improve active transportation **connections** to the Burrard Bridge

- Support **all active modes** incl. walking (wheelchairs and strollers), cycling, running, and skateboarding

- Carefully **consider impacts** to local businesses, residents, and transit

Overview

Planning for All Ages and Abilities

English Bay City of Vancouver

Alberni bike lane City of Vancouver

Broadway Paul Krueger

Alexander St City of Vancouver

Comox St Bruce Dembecki

Tatlow Park Brian Gould

Overview

Designing for All Ages and Abilities

Walking on narrow sidewalks with obstructions is challenging, particularly for seniors

Cornwall St City of Vancouver

Hornby bike lane City of Vancouver

Ample, even sidewalks make walking much more pleasant and attractive

10th Ave City of Vancouver

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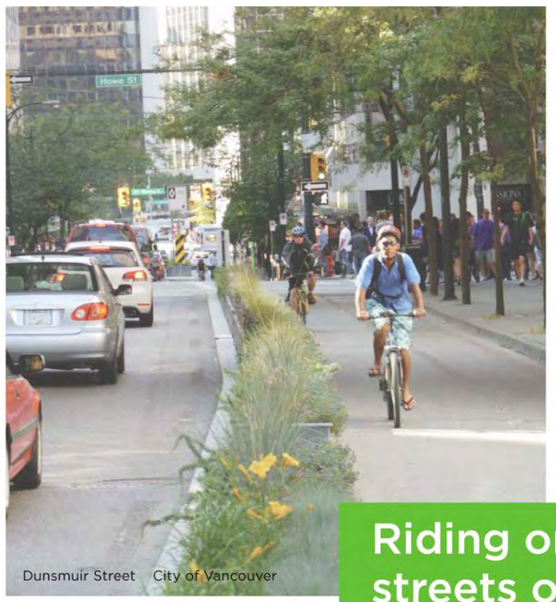
Overview

Designing for All Ages and Abilities

Cycling in traffic is uncomfortable for most as well as potentially dangerous



Riding on quiet local streets or separated from traffic is preferred by most

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Overview

Phase 1 Feedback

Phase 1 Consultation

- Open Houses
- Online Questionnaire
- Stakeholder Meetings
- Cornwall Business Intercept Survey

Criteria

Phase 1 Feedback

Themes We Heard

- Walking and cycling safety
- Conflicts between road users
- Vehicle & emergency access
- Neighbourhood traffic impacts
- Waterfront access

Applying Your Input

Since Phase 1 consultation, staff have been:

- Reviewing questionnaire results
- Thoroughly analyzing options and implications
- Considering alternatives that meet project goals

Route Selection Criteria

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Criteria

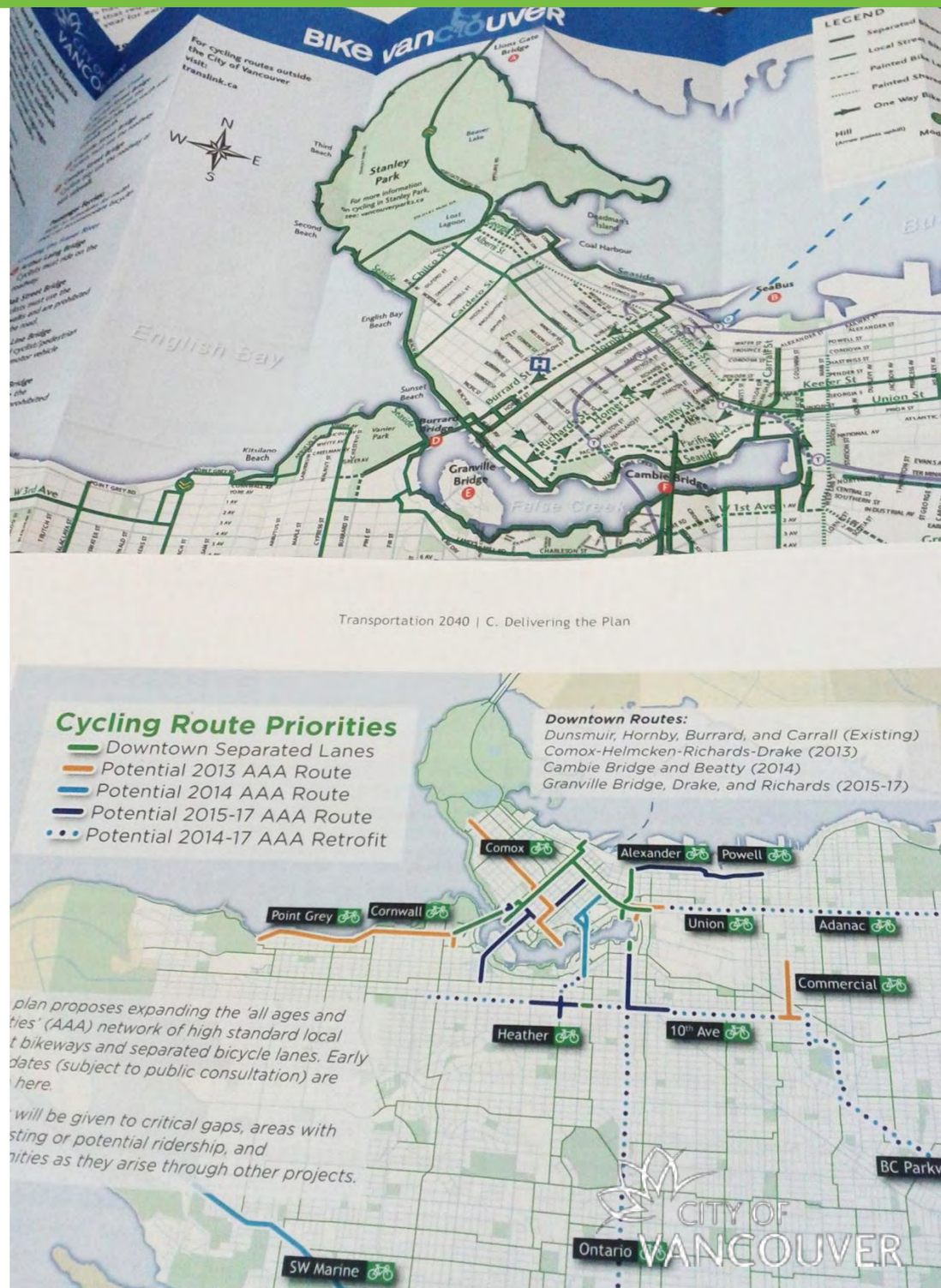
Route Selection Criteria

We prioritize:

- High collision locations
- Gaps in the network
- High existing/potential walk/bike
- Civic facilities, commercial streets, transit stations, etc

Other factors include:

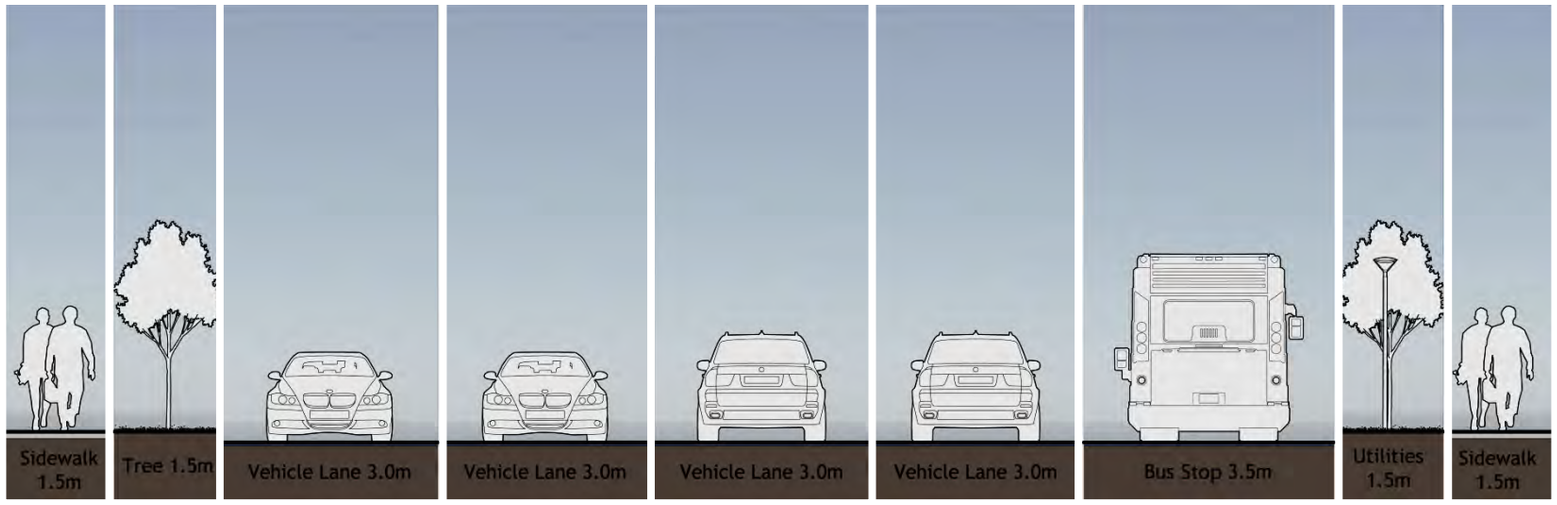
- Topography and directness
- Impacts to transit, loading, businesses, and residents



Criteria

Managing Space

How Do We Build Better Walking and Cycling Streets?



Example Street (Cornwall)

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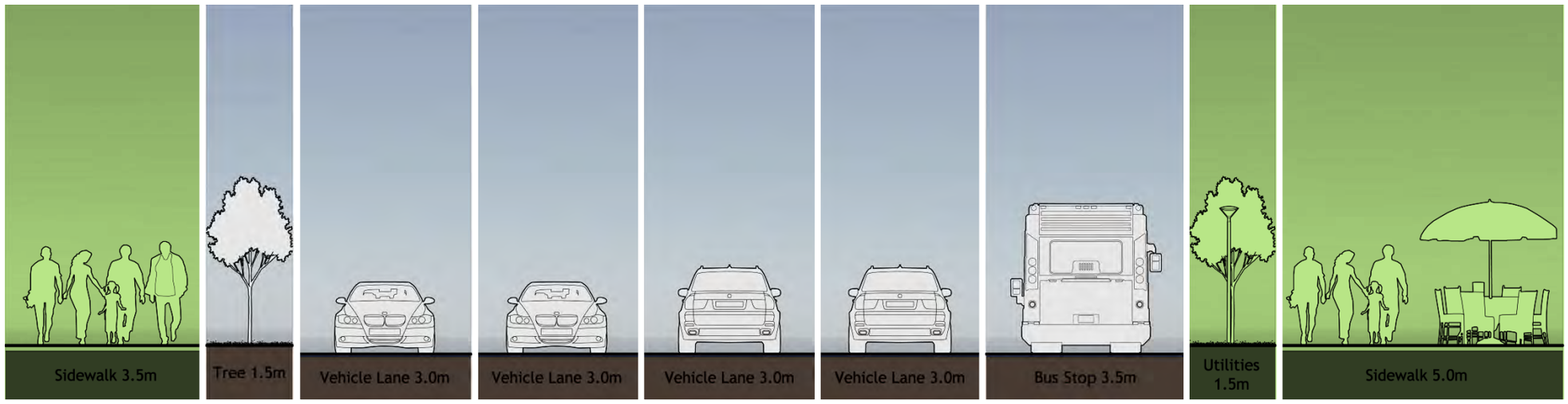
Criteria

Managing Space



Widen Sidewalks

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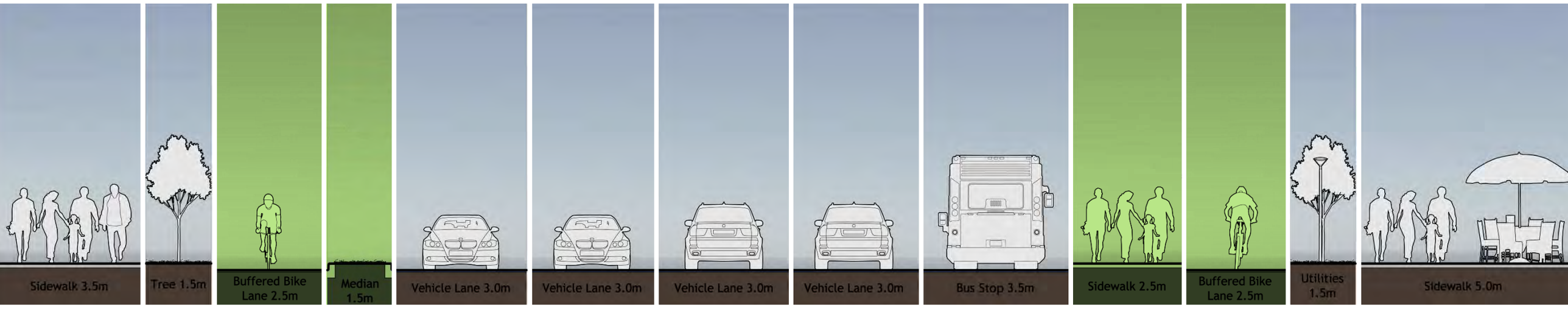
Criteria

Managing Space



Add Bicycle Lanes and Separation

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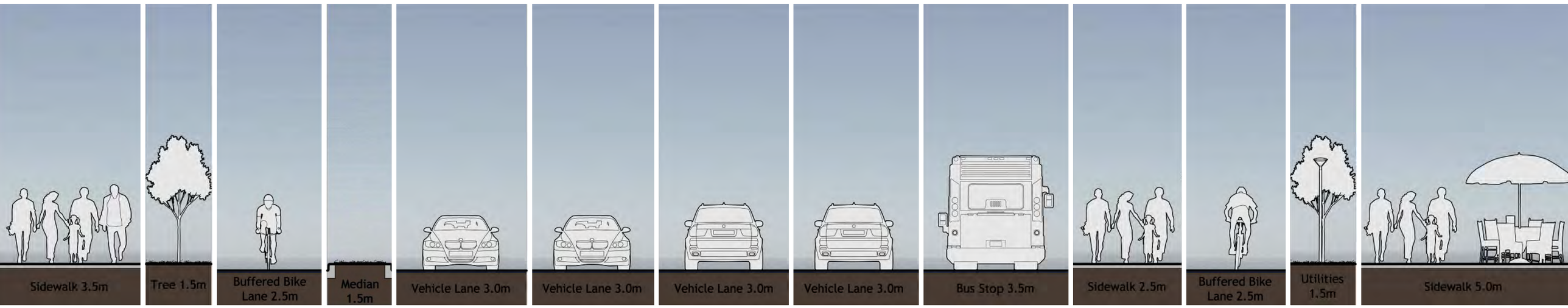
Criteria

Managing Space



Reconcile with Available Space

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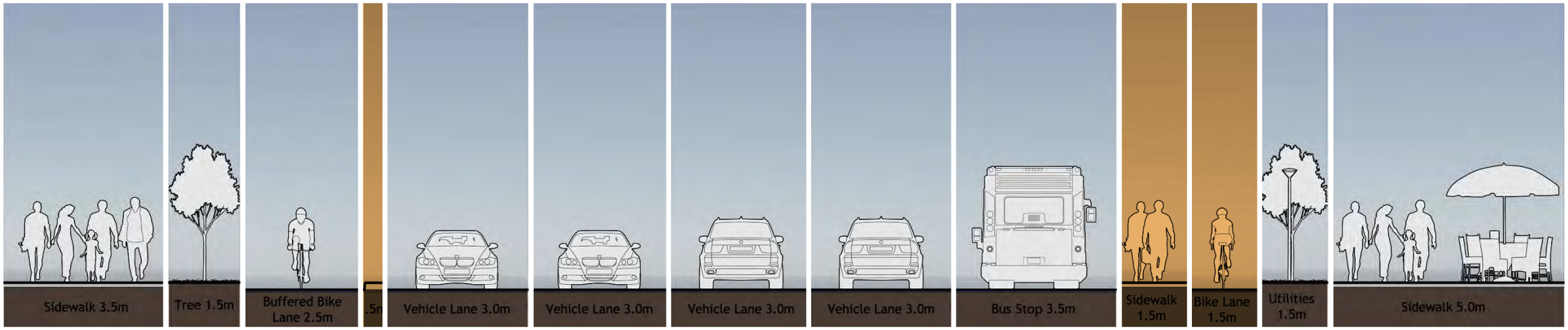
Criteria

Managing Space



Reduce Bicycle Lane Separation and Width at Bus Stop

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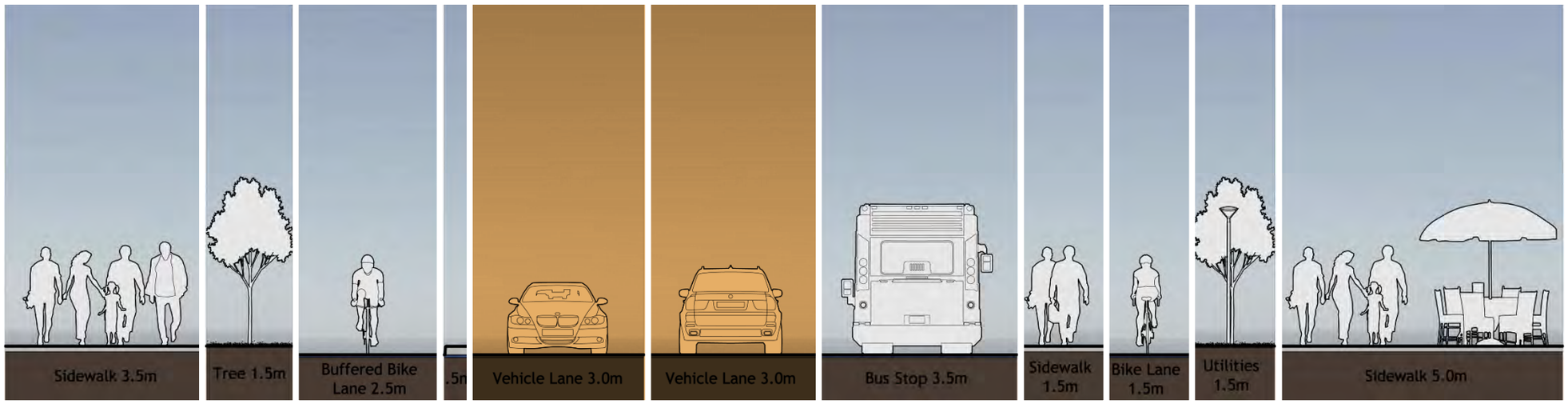
Criteria

Managing Space



Eliminate a Traffic Lane and the Part-Time Parking Lane

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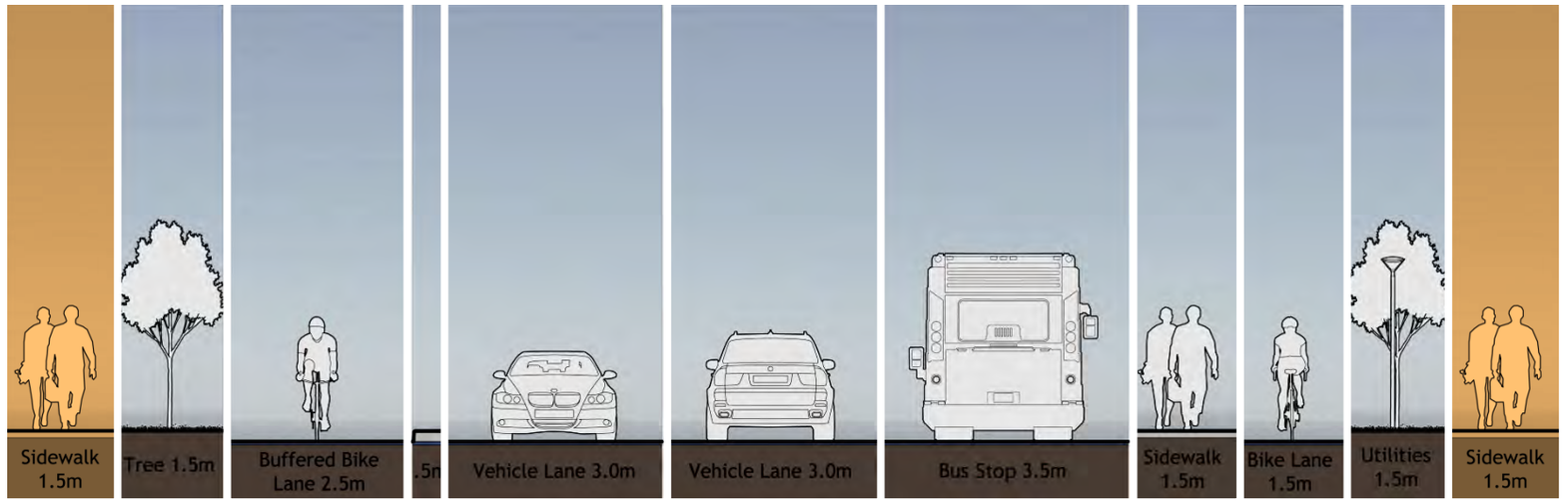
Criteria

Managing Space



Reduce Sidewalks Back to Available Space

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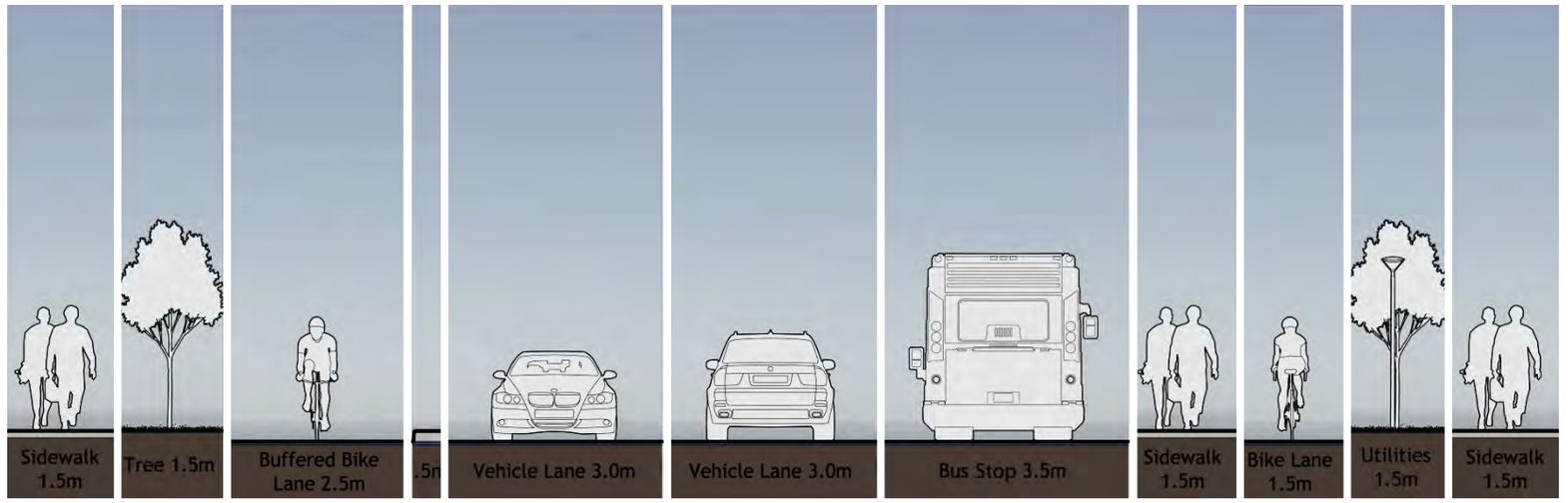
Criteria

Managing Space



Evaluate Result

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Route Selection

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Selection

Route Selection

Several route segments in the corridor were identified and reviewed for their potential to achieve the project goals.

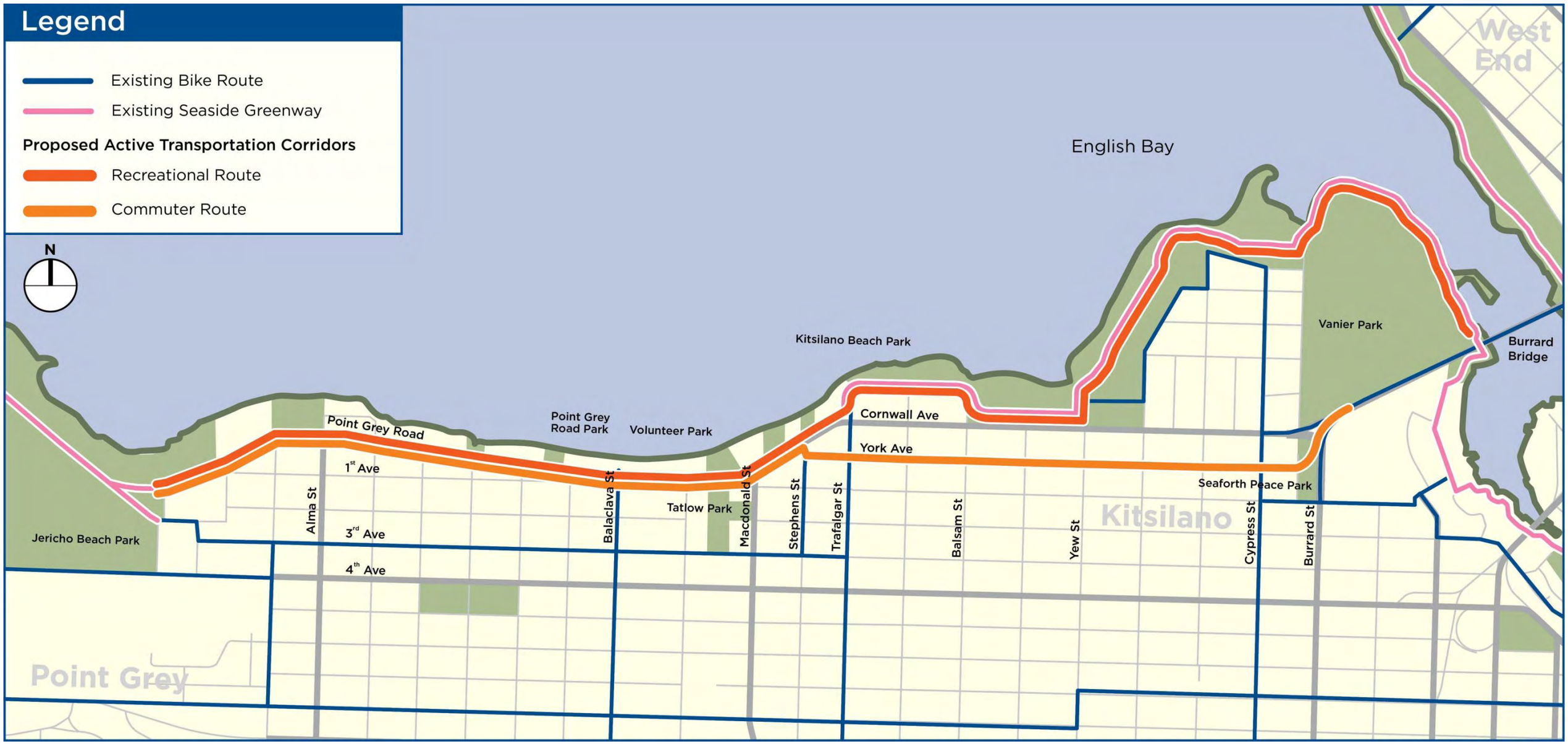
Selection

Route Selection

Following a thorough review, these segments were set aside for failure to meet project objectives or unacceptable impacts.

Selection

Route Selection



A package of route segments were selected to create a recreational route and a direct connection to Burrard Bridge.

Selection

Route Selection

These routes are composed of the segments shown.

Details

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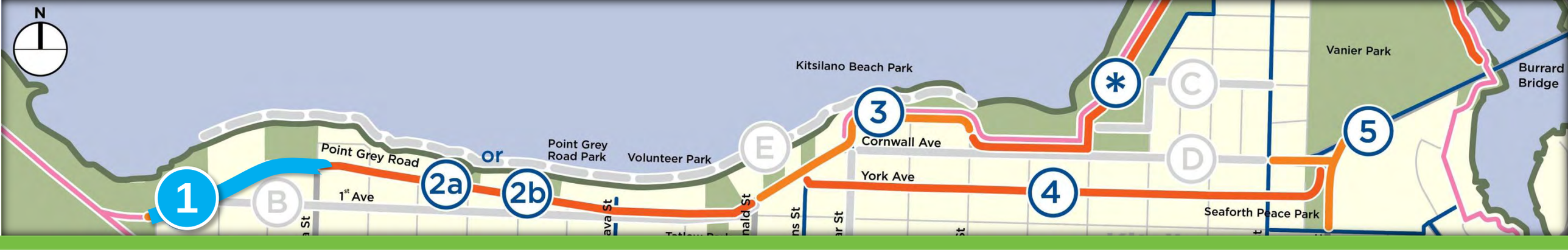
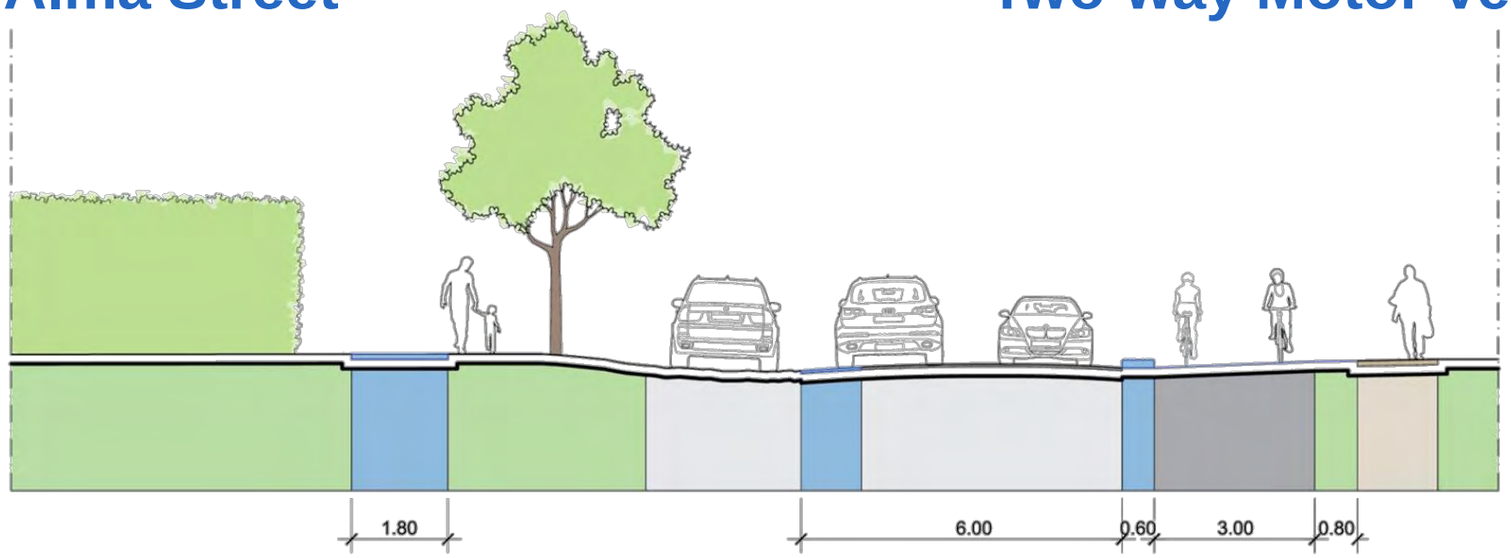


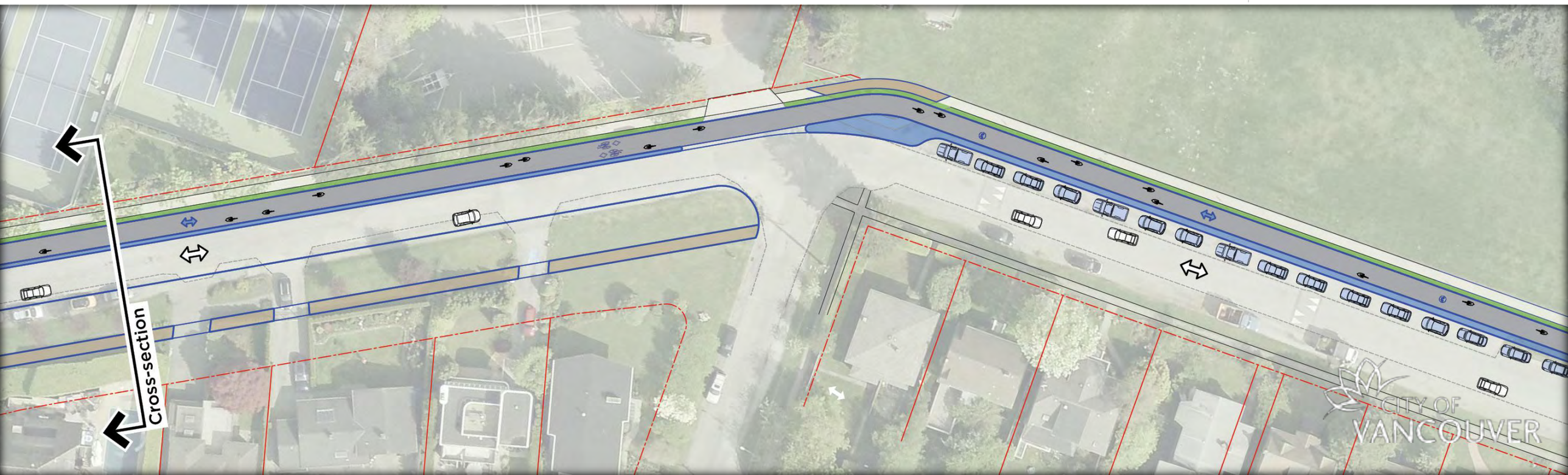
1 Point Grey Road

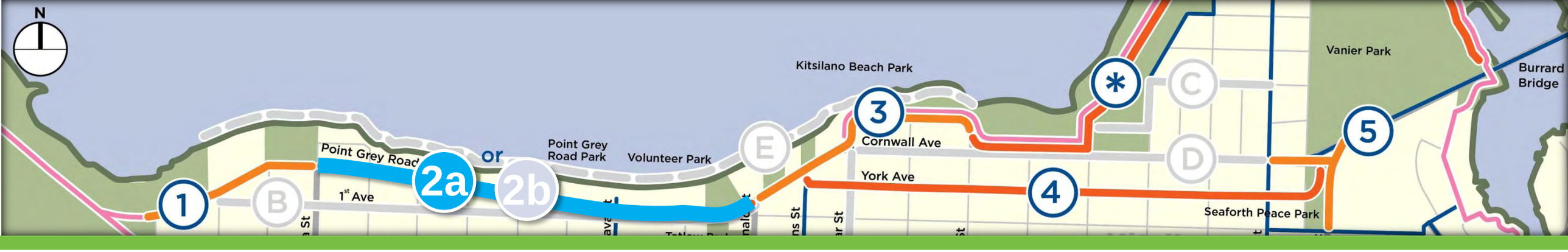
Jericho to Alma Street

Separated Bicycle Path

Two-way Motor Vehicle Traffic





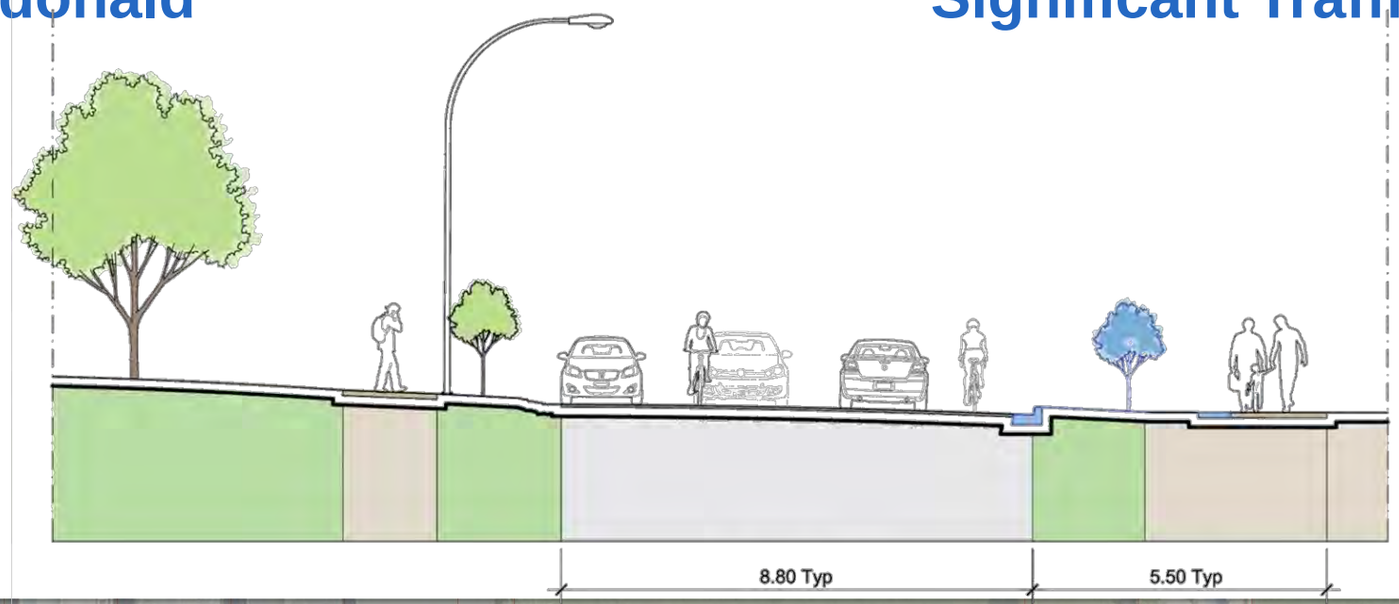


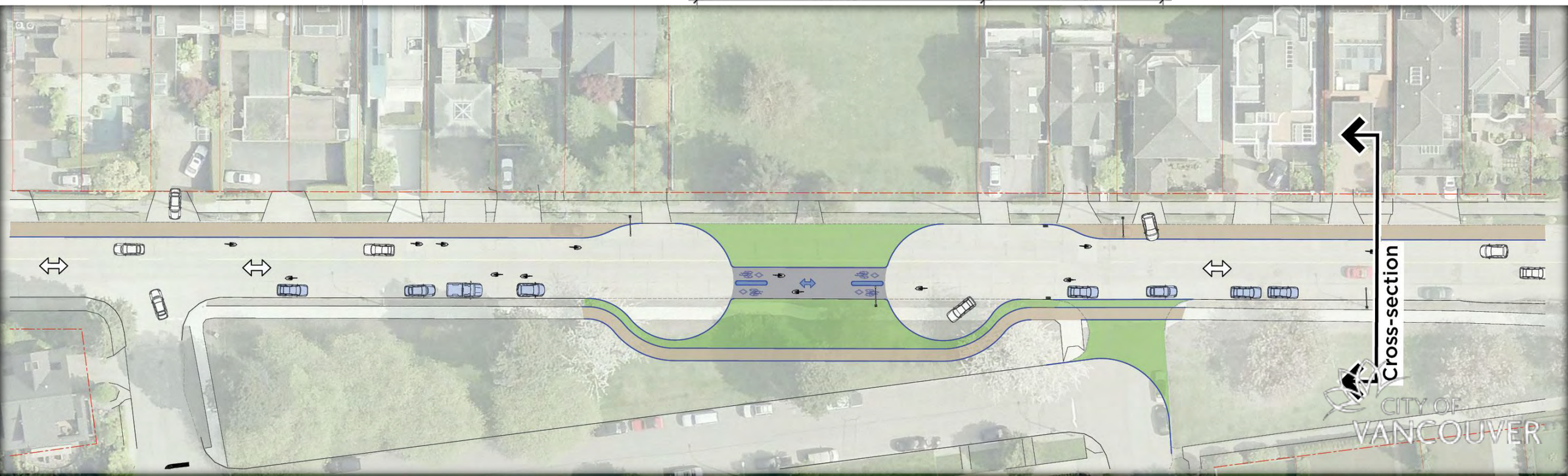
2a Point Grey Road

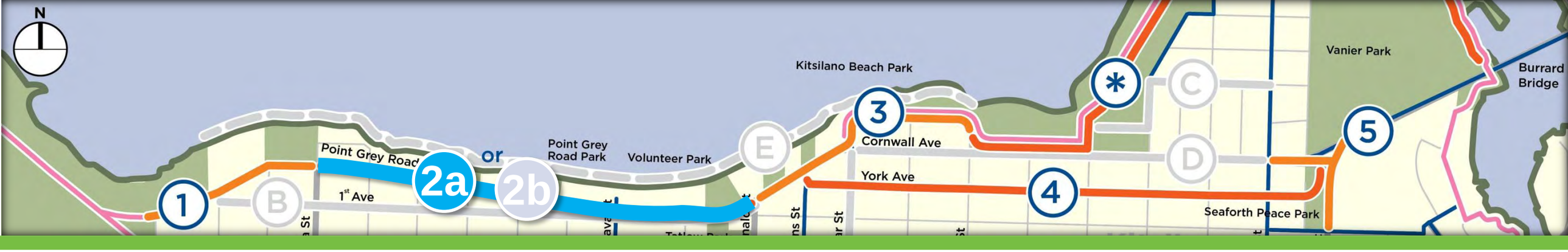
Alma to Macdonald

Local Street Option

Significant Traffic Calming







2a Point Grey Road

Alma to Macdonald

Local Street Option

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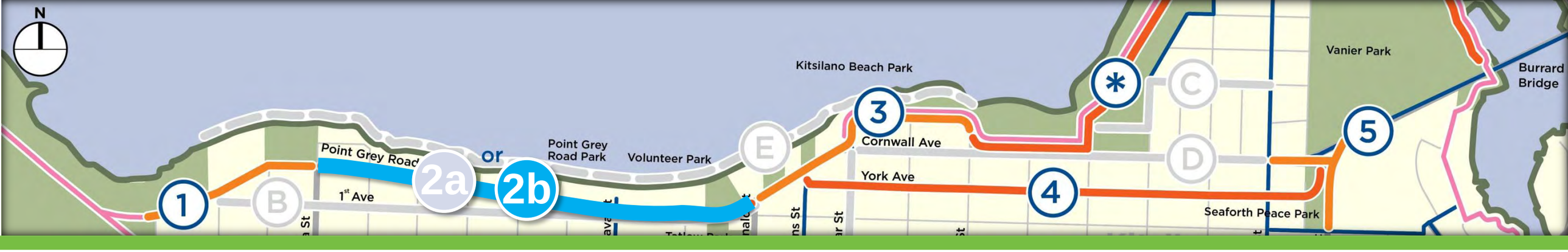
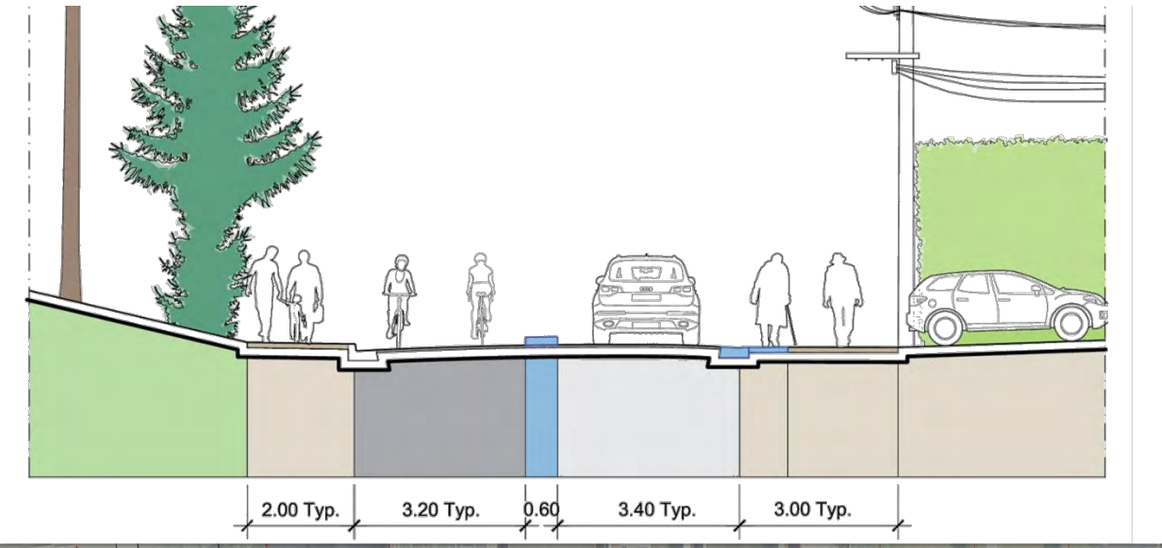


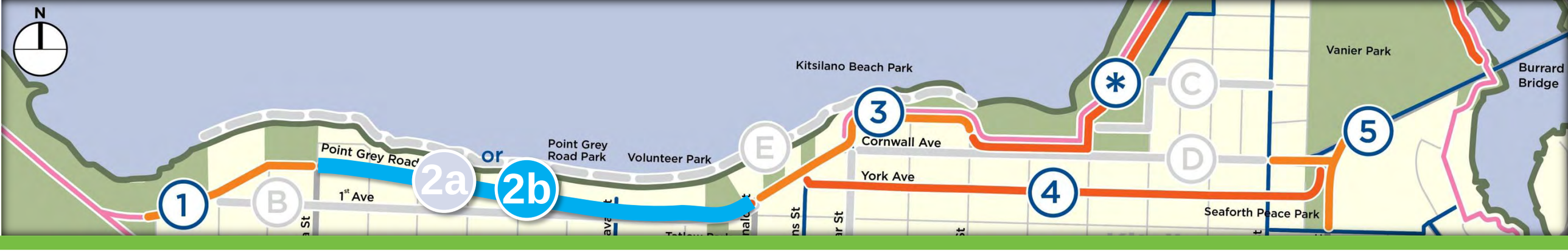
2b Point Grey Road

Alma to Macdonald

Separated Lane Option

Motor Vehicles One-way Westbound



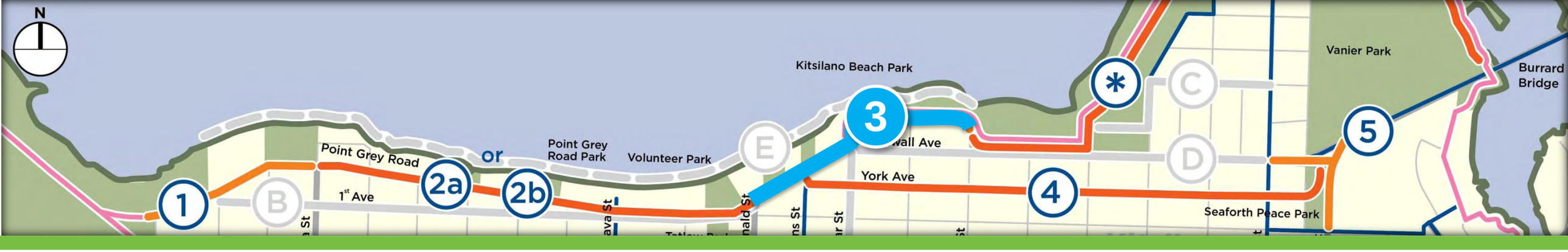


2b Point Grey Road

Alma to Macdonald

Separated Lane Option

Motor Vehicles One-way Westbound

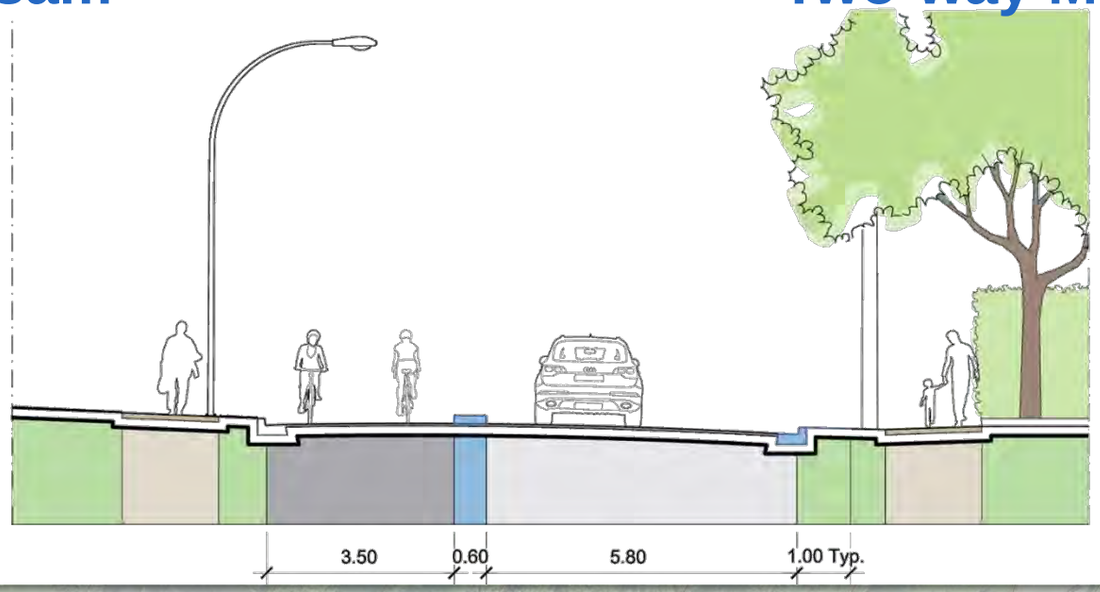


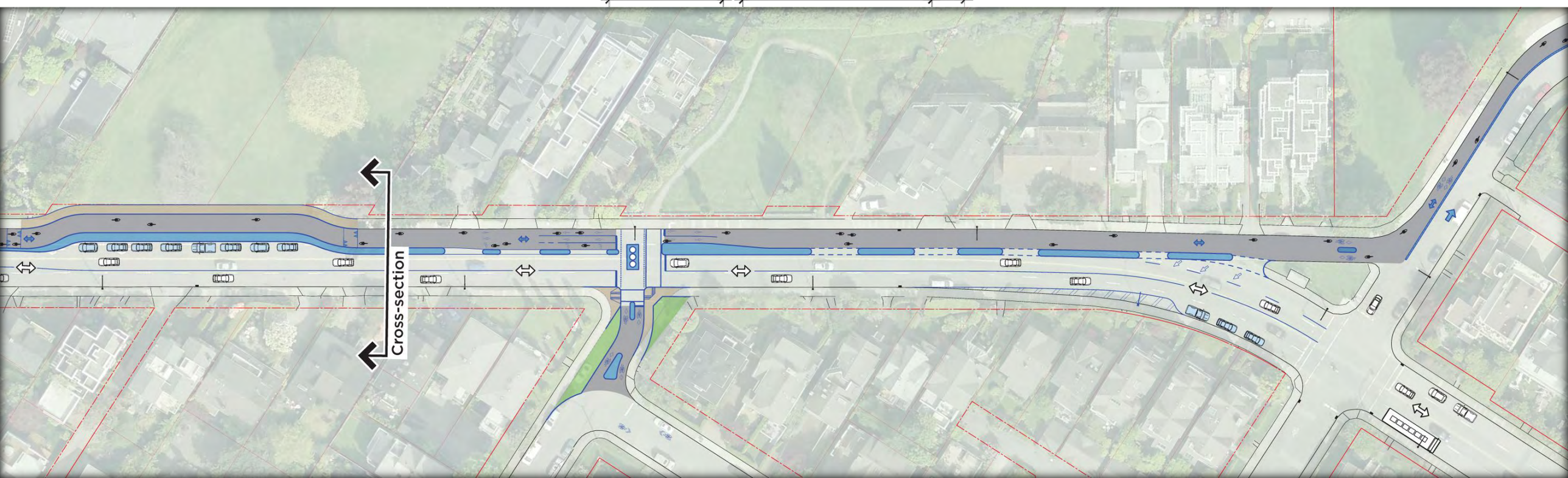
3 Point Grey Road

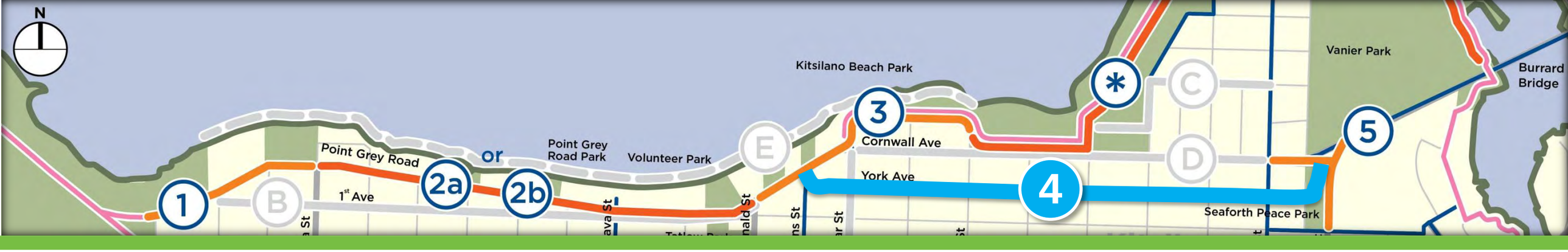
Macdonald to Balsam

Separated Bicycle Path

Two-way Motor Vehicle Traffic



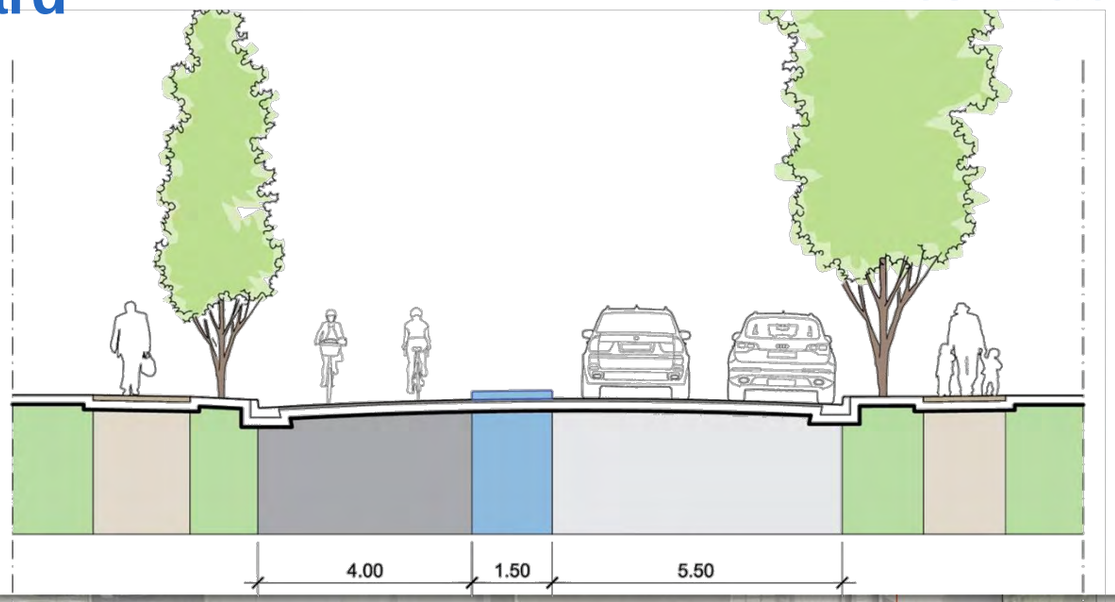


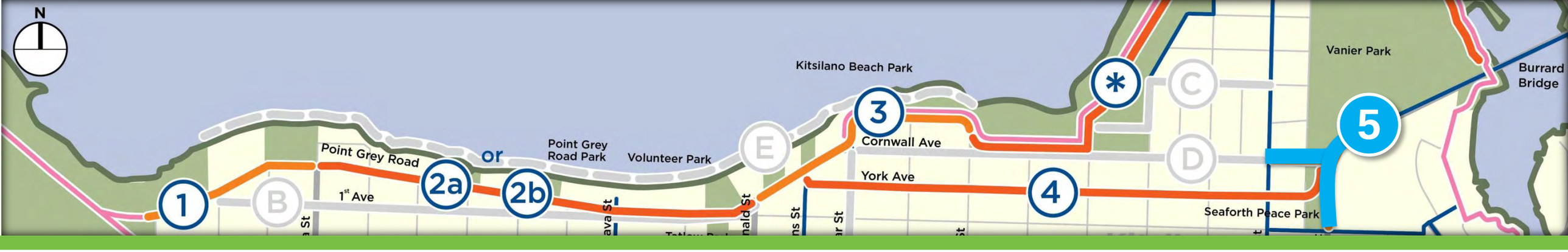


4 York Avenue

Stephens to Burrard

- **Separated Bicycle Lanes**
- **Alternating One-ways**





5 Burrard and Cornwall

Simplified Intersection

Shorten Crossings

Maintain All Movements

Cross-section

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Network Analysis

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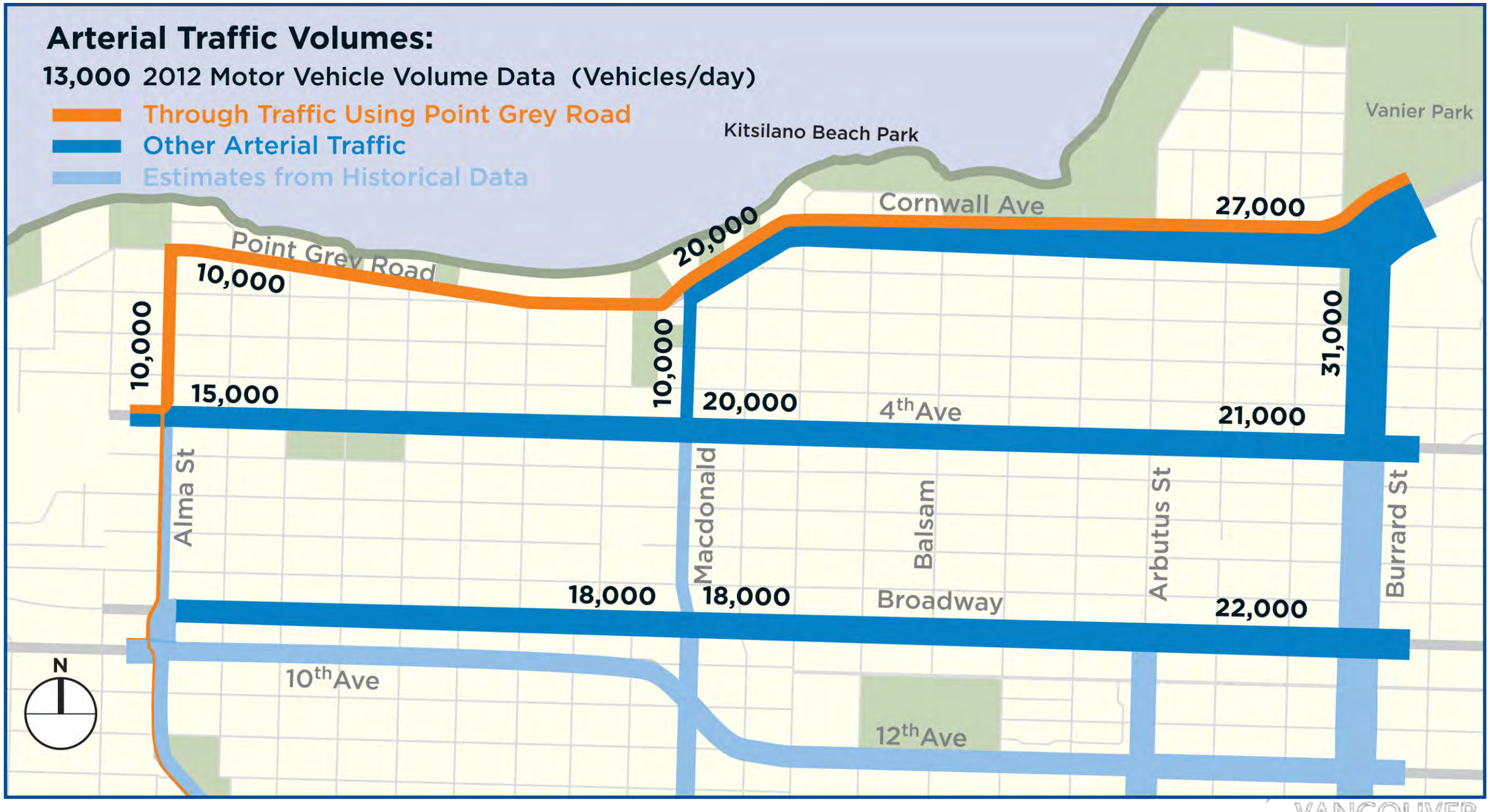
Analysis

Existing



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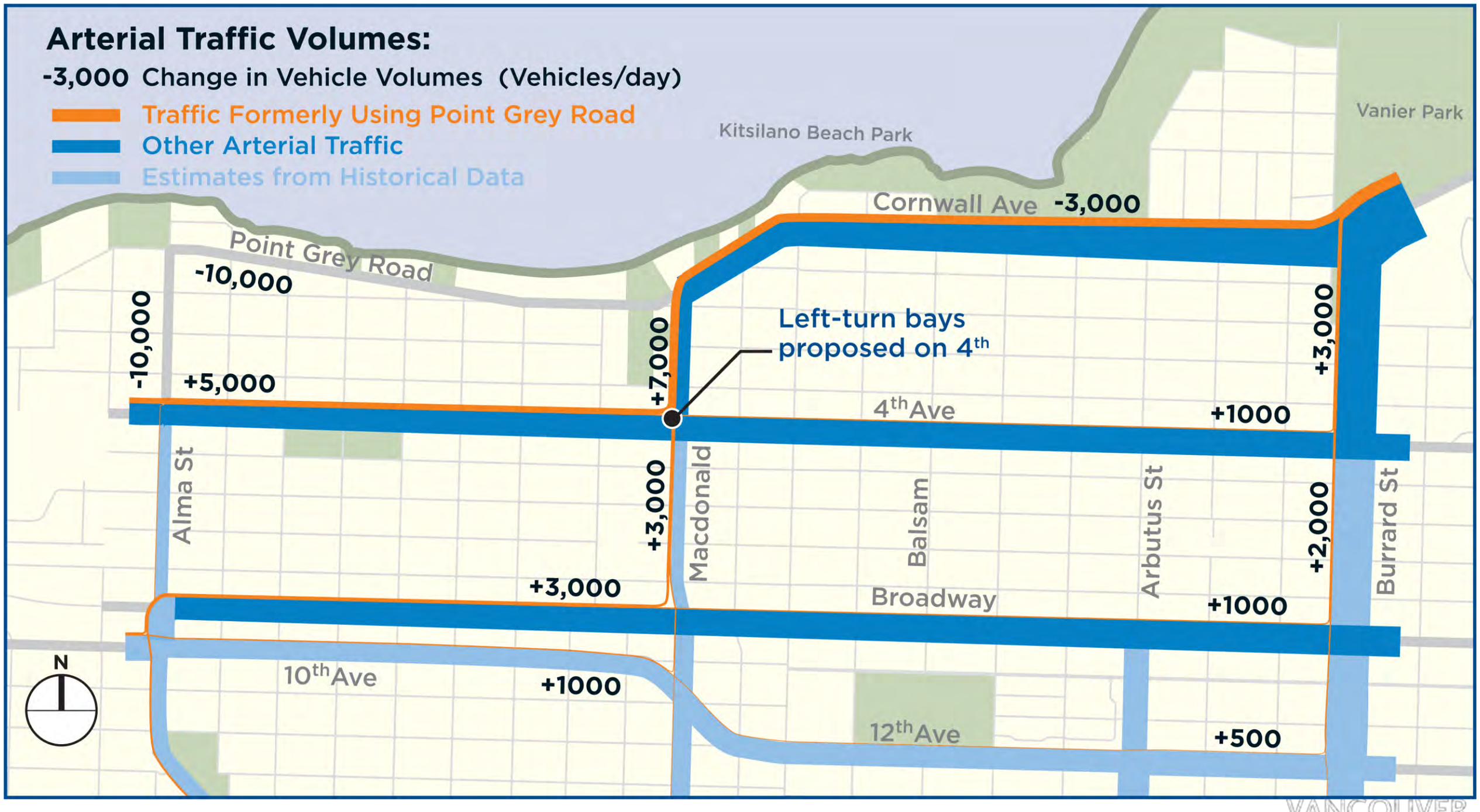
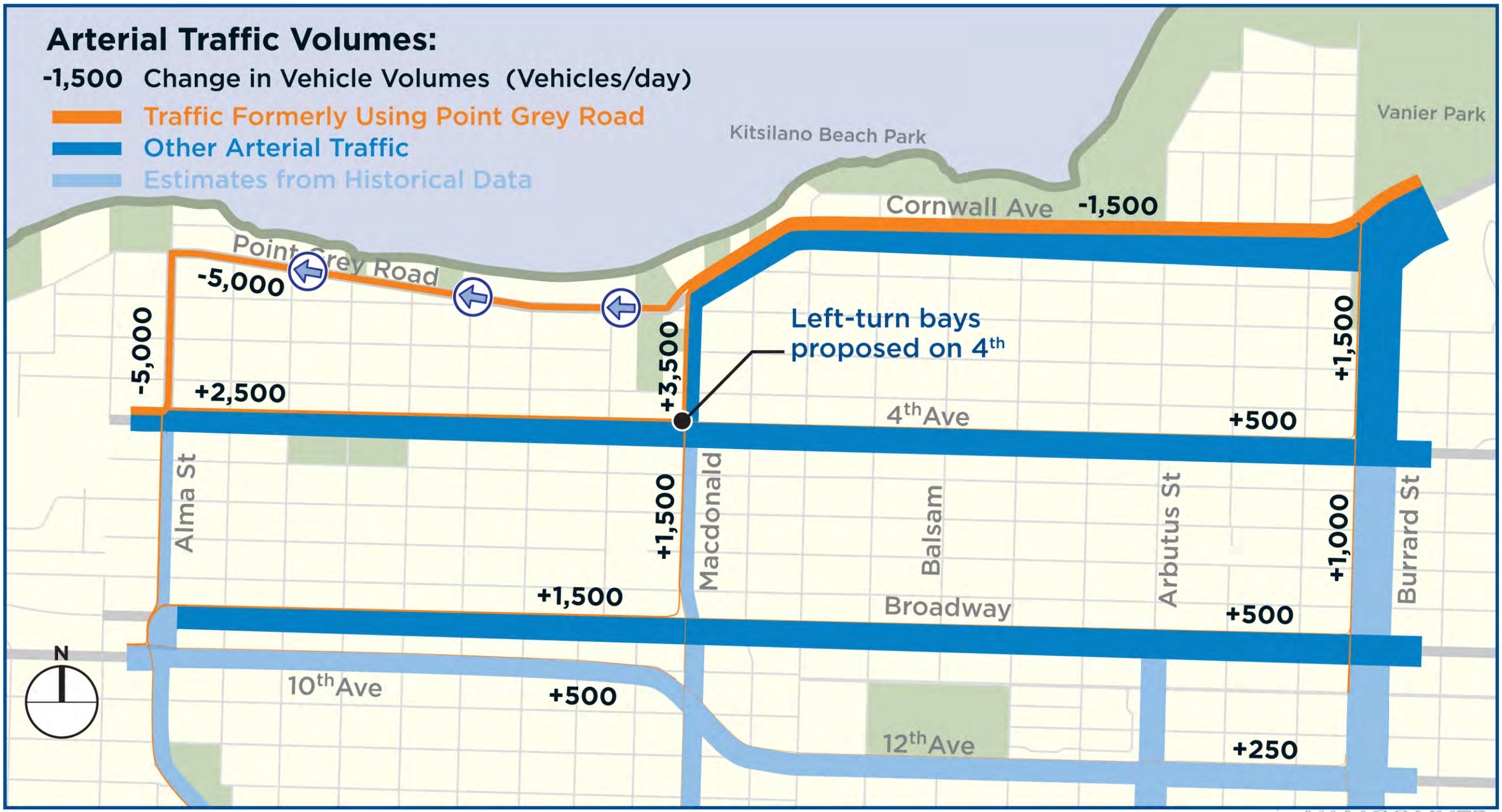
Analysis

Local Street Option (2a)

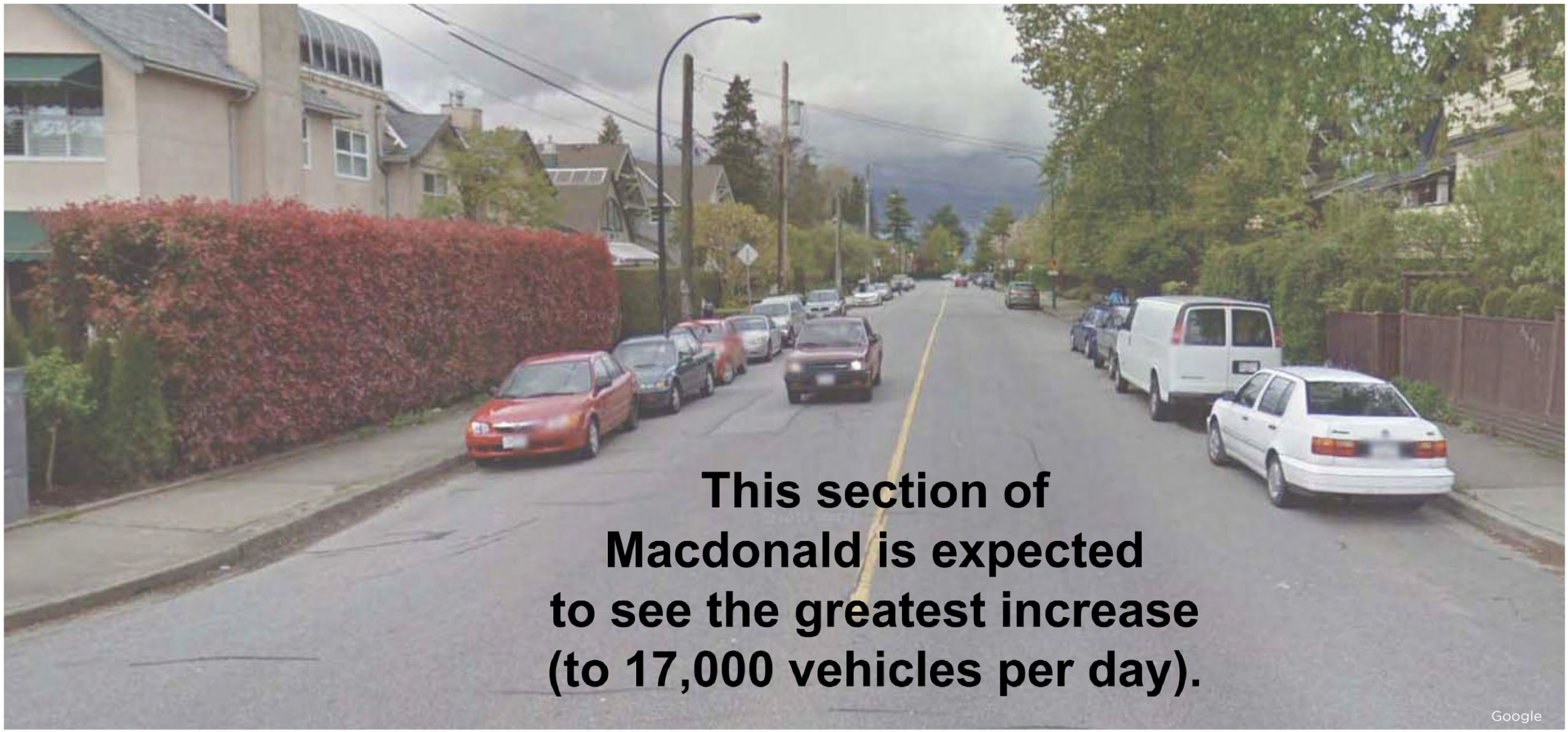


Analysis

Separated Lane Option (2b)



Network Analysis



Macdonald, Point Grey Road to 4th — 10,000 vehicles per day

- 12.8m (42ft) curb-to-curb
- Parking permitted full-time

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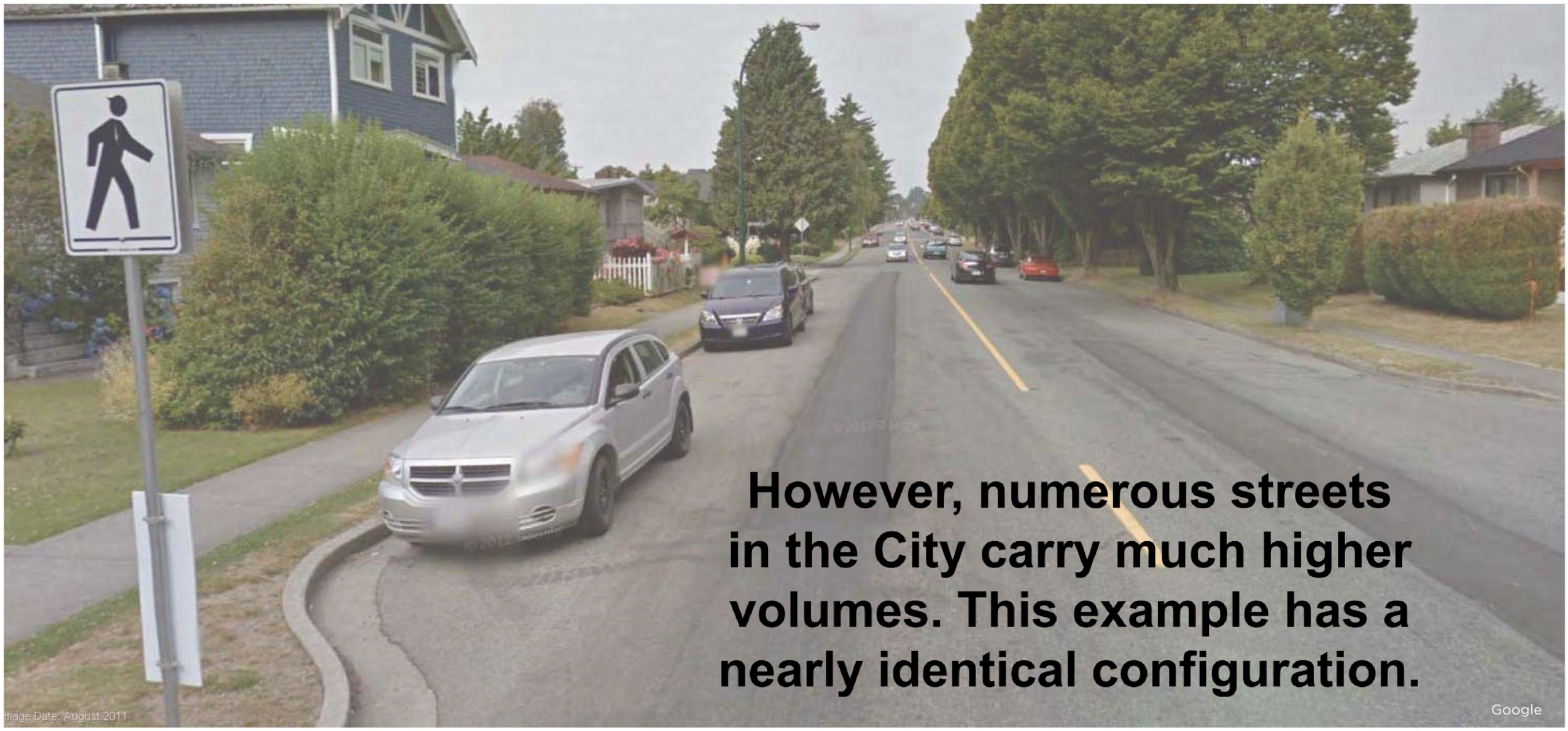
Network Analysis



East 33rd, Fraser to Knight

19,000 vehicles per day

- 12.8m (42ft) curb-to-curb
- Parking permitted full-time

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Next Steps

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Next Steps

Phase 2 Consultation

- Feedback will be considered along with financial and technical considerations to refine the design
- Staff will make a recommendation to Council for a decision

Next Steps

Phase 2 Consultation

- Please take some time to review the information boards, consider the Point Grey Road options, and provide your feedback
- Staff will be happy to discuss and answer questions at the relevant board

We want to hear from you!
Join us at an open house in May.

Drop-in to one of the following open houses to view design options for the corridor. City staff will be available during the times listed to discuss the options, answer questions and gather input.

Thursday, May 23	**Henry Hudson Elementary School (Gym)** 1551 Cypress Street	**7 – 9 pm**
Saturday, May 25	**Bayview Elementary School (Gym)** 2251 Collingwood Street	**10 am – 2 pm**
Monday, May 27	**Kitsilano Public Library (Basement)** 2425 MacDonald Street	**4 – 6 pm**

FOR MORE INFORMATION: Phone: 3-1-1 TTY: 7-1-1

Visit: vancouver.ca/pointgreycornwall **Email: pointgrey.cornwall@vancouver.ca**

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GREENEST CITY 2020
Green Transportation