

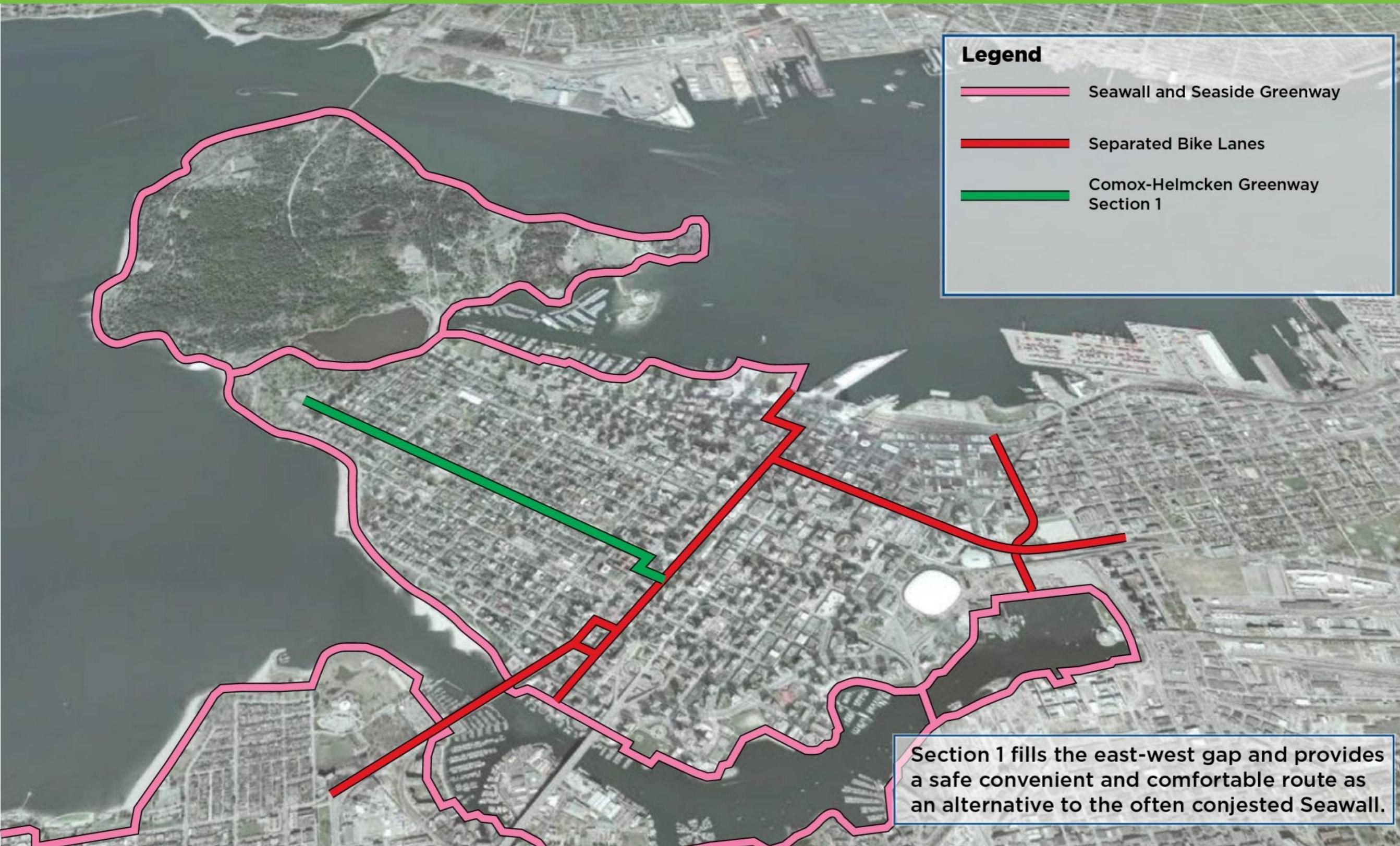
# Comox-Helmcken Greenway

## Stanley Park to Hornby Street

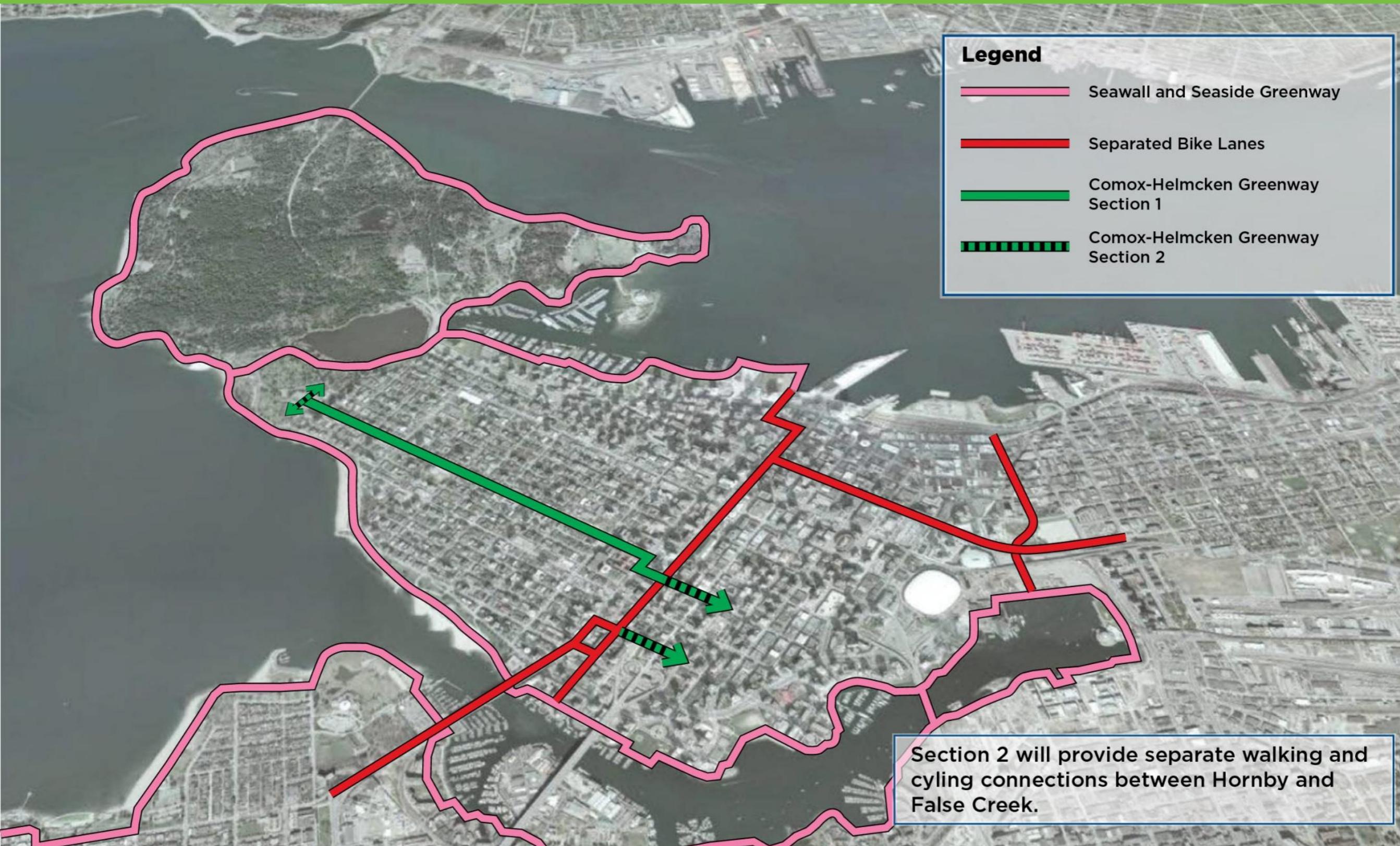
# Downtown Network



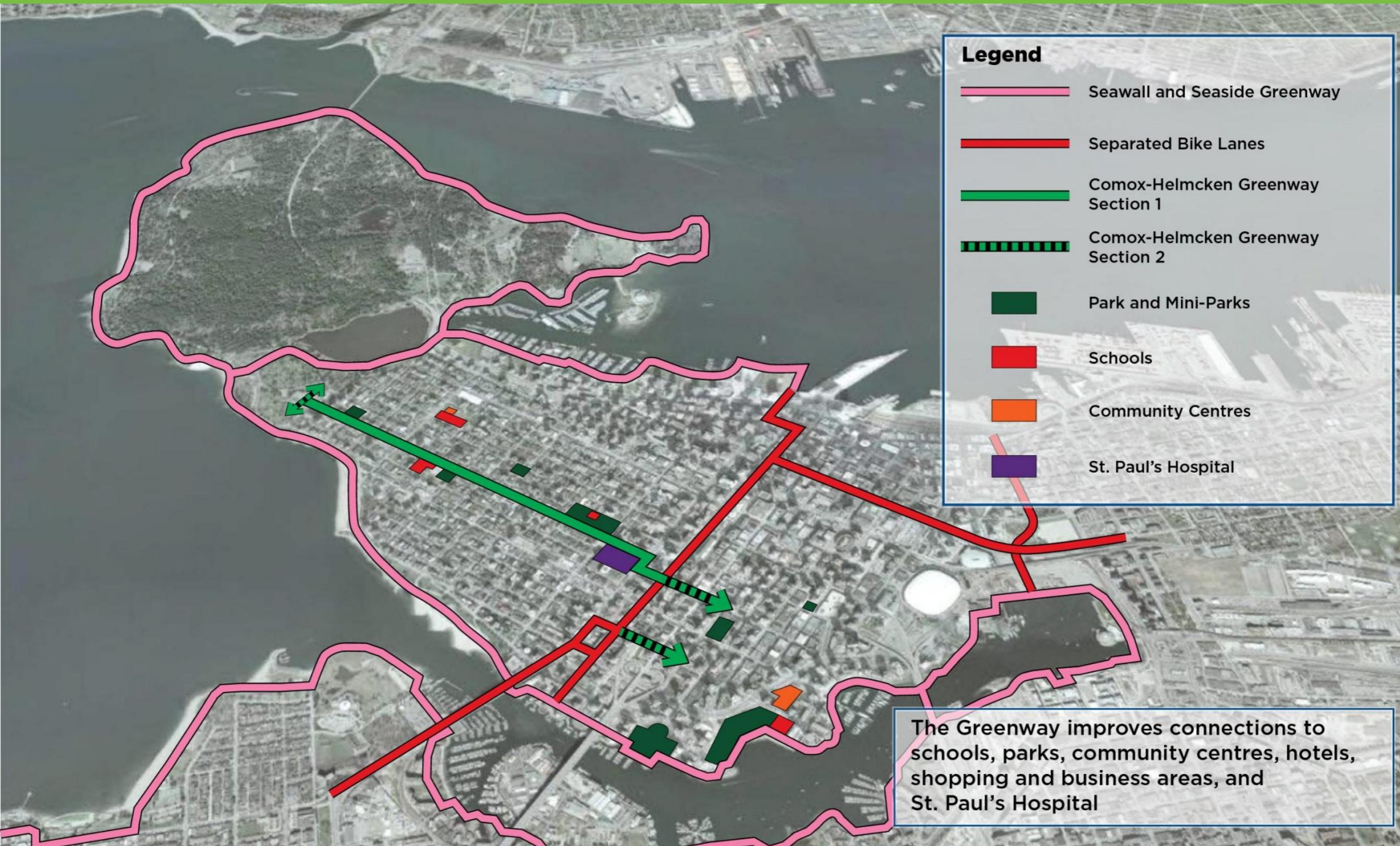
# Downtown Network



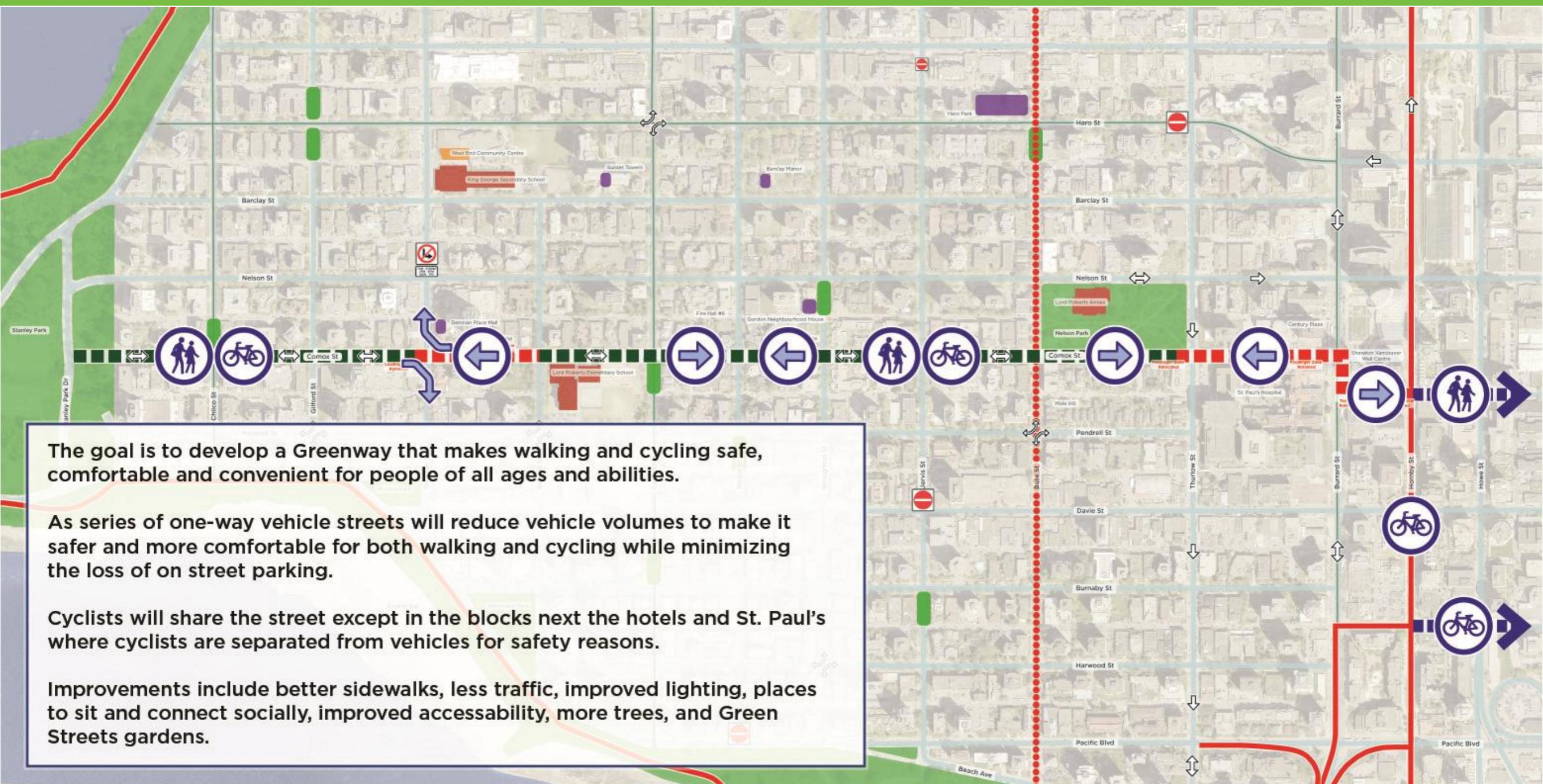
# Downtown Network



# Downtown Network



# Comox Greenway Project Summary



# Health, Travel, and Activity Study: UBC

Working with UBC Health and Community Design Lab on a before/after study of:

- Trip patterns and mode
- Social interactions
- Perceptions of safety
- Frequency of activities
- Physical activity



# Comox-Helmcken Greenway

Parks and Mini-Parks

Civic Facilities



1 Kilometre

1 Kilometre

The map illustrates the Comox-Helmcken Greenway, a network of parks and green spaces in Comox and Helmcken. The greenway is highlighted in green and purple, connecting various parks and civic facilities. The map shows a grid street pattern and includes a compass rose and a scale bar indicating 1 Kilometre in both horizontal and vertical directions. Parks and mini-parks are marked with green shapes, while civic facilities are marked with purple shapes. The greenway starts near the bottom left and extends towards the top right, passing through several key locations.

# Health, Travel, and Activity Study: Seniors

Collaborating with Centre for Hip Health and Mobility on a before/after study of:

- Older adult mobility
- Social interactions
- Street usage
- Travel patterns



# Health, Travel, and Activity Study: Children

Working with UBC & Centre for  
Hip Health & Mobility on a  
before/after study of:

- Grade school student travel patterns (to school, etc)
- Measured physical activity via accelerometers
- Control group of students





**One-way with Contra-flow**  
Comox west of Nicola



**One-way with Contra-flow**  
Comox east of Nicola



**Rain Garden**  
Comox at Nicola



**Raised Crosswalk**  
Comox at Bute



**Separated Lane Connection**  
Burrard at Comox

# Comox & Gilford

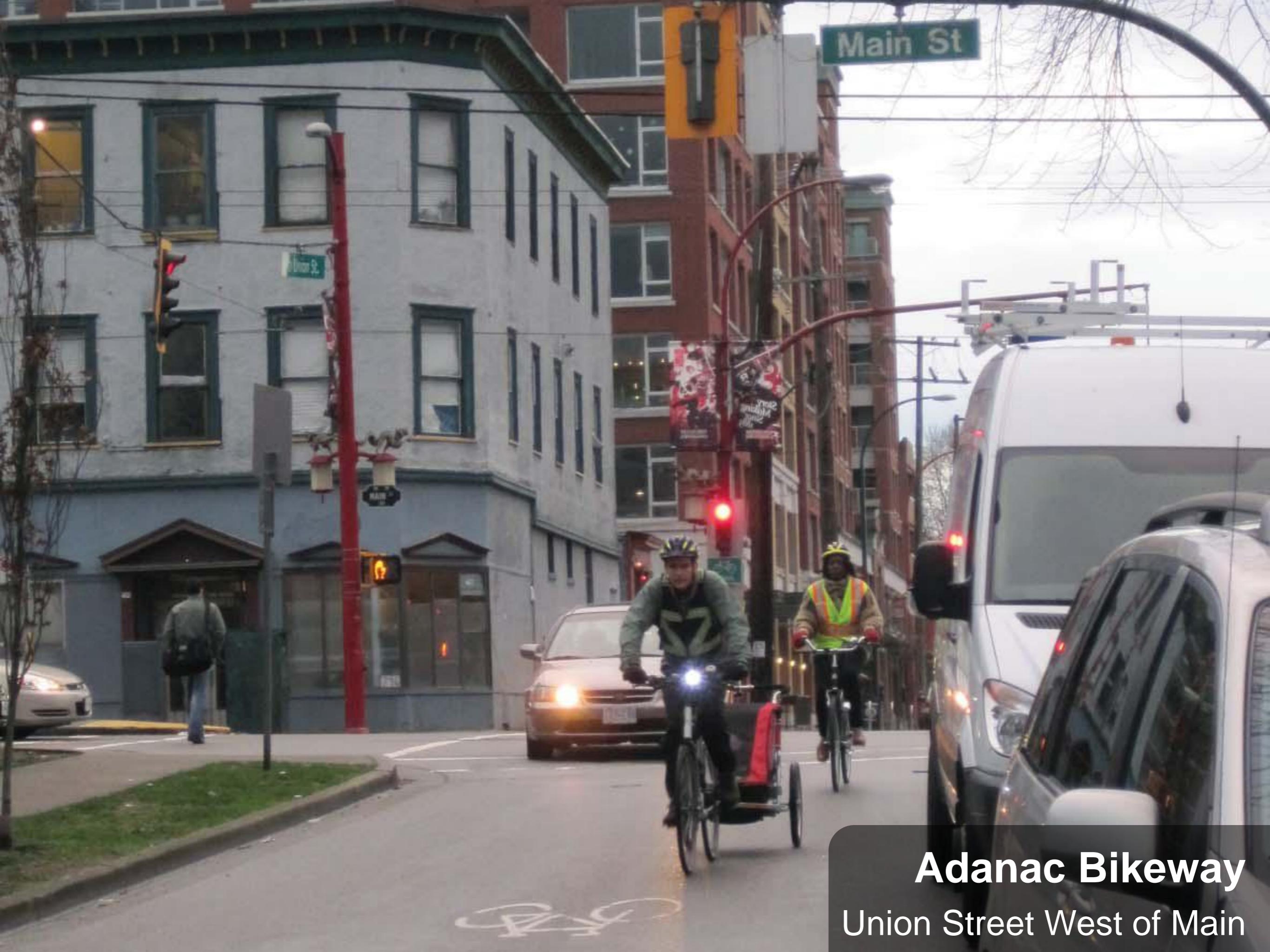


# Adanac Bikeway Upgrades

## Carrall Street to Gore Avenue



**Adanac Bikeway**  
Union Street at Hawks



**Adanac Bikeway**  
Union Street West of Main



**Adanac Bikeway**  
Union Street East of Main



Carrall St

West Park



BUILD

Carrall St 100



CARRALL



**Carrall Street Connection**  
Expo Boulevard at Carrall Street

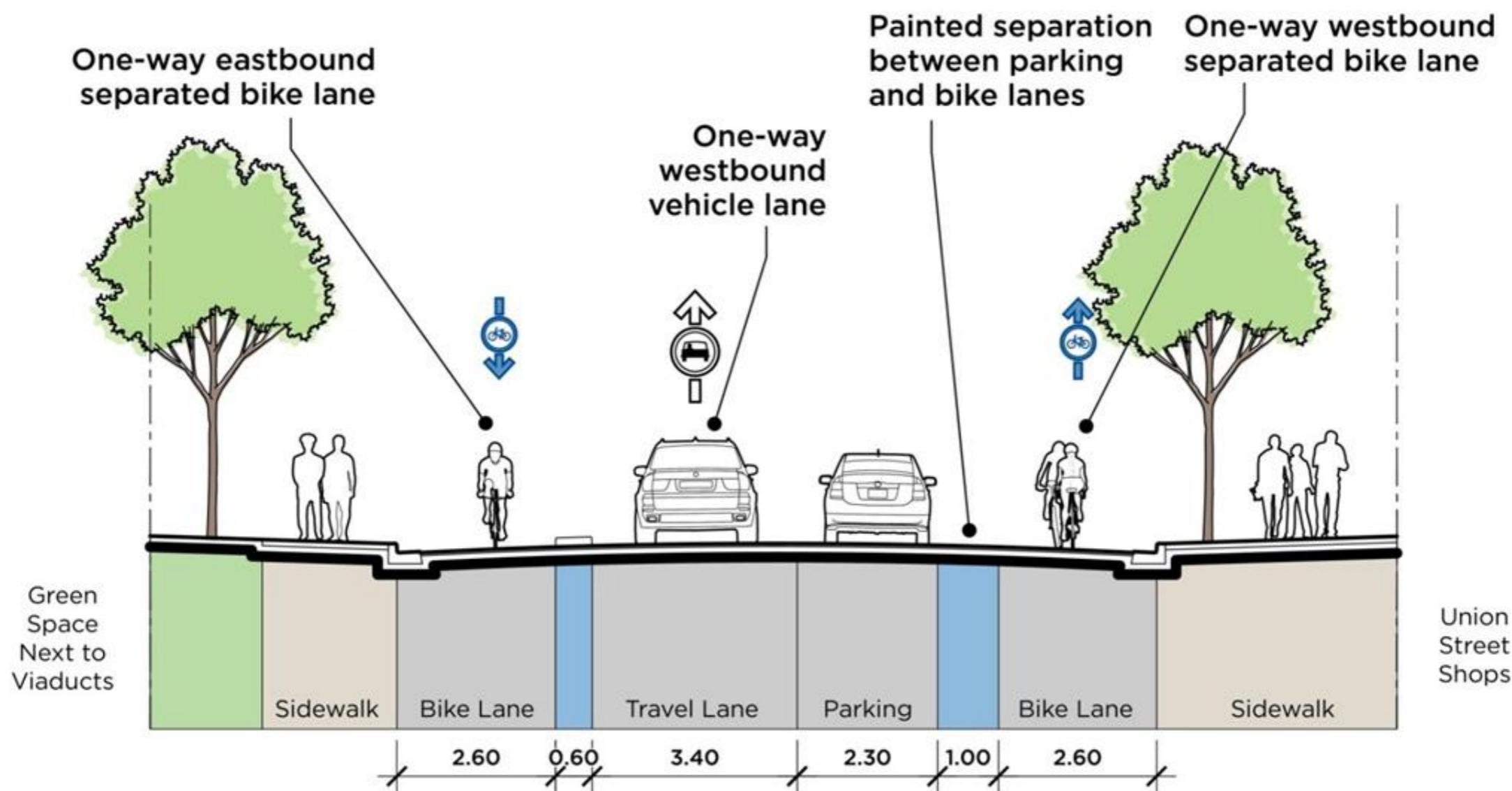


**Carrall Street Connection**  
Union Street at Expo Boulevard



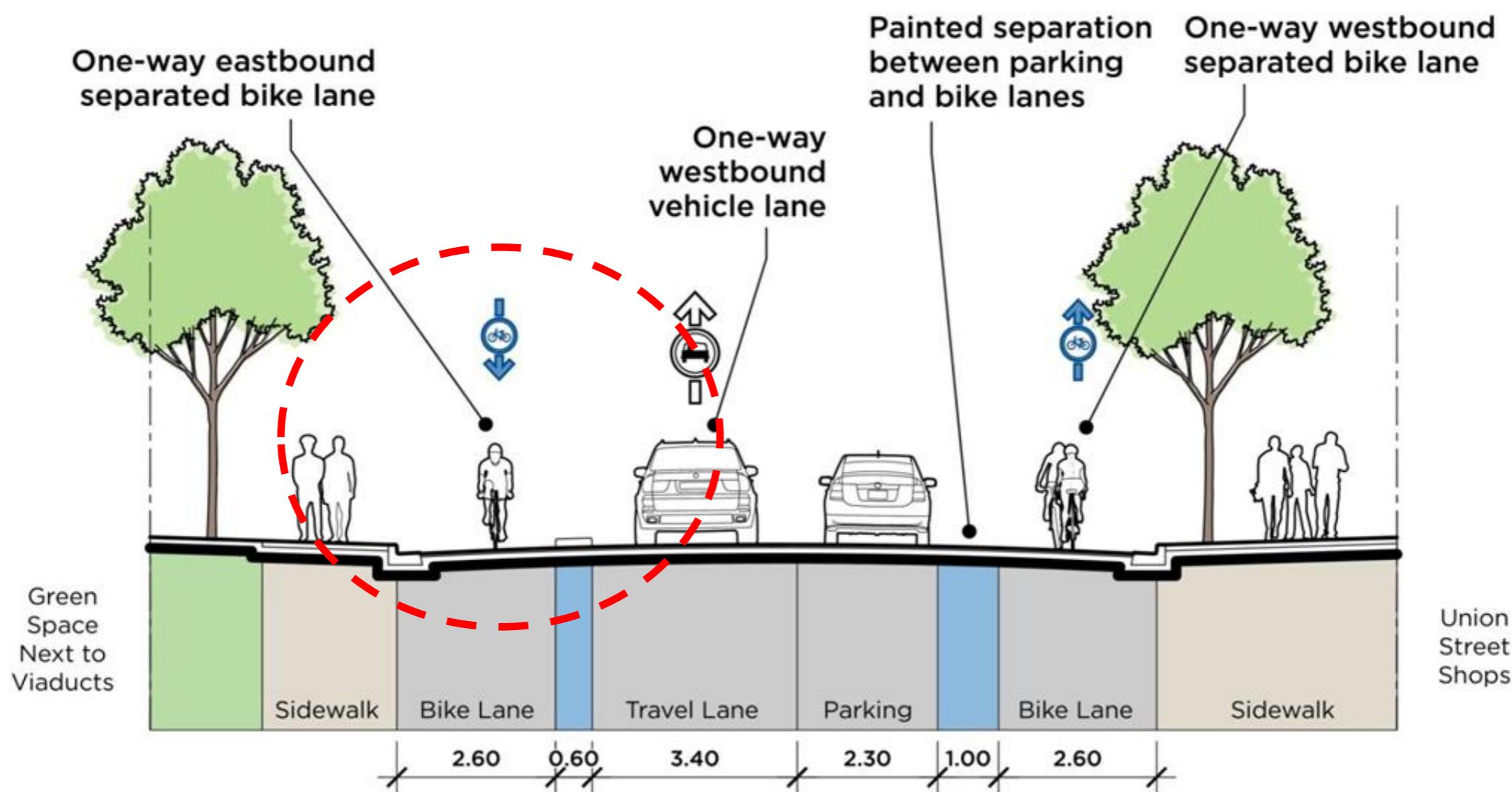
**Seawall Connection**  
Quebec Street at Expo Boulevard

## Looking Towards Downtown – Gore to Main



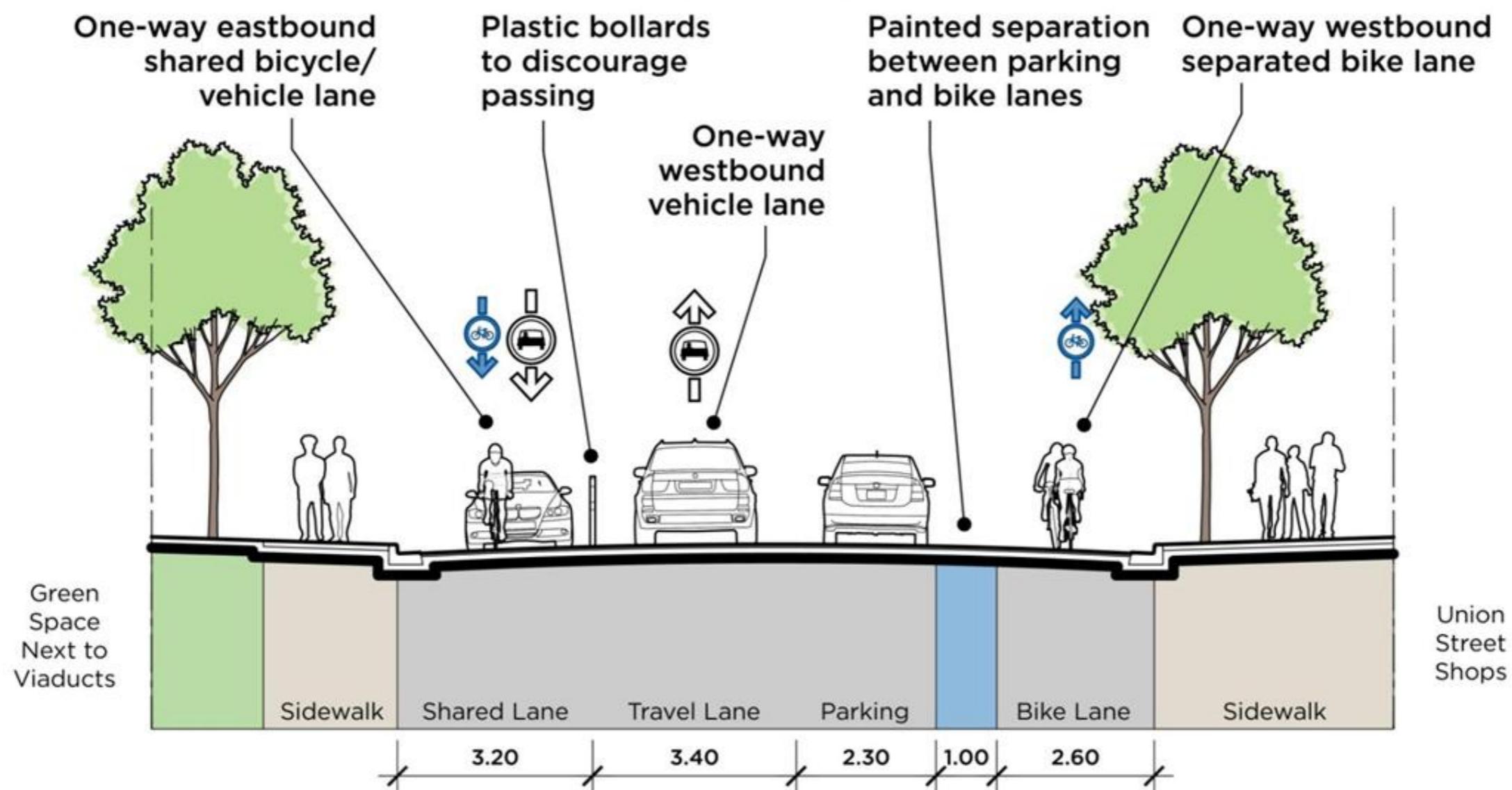
**Recommended Design Prior to Meeting with Union Street Businesses**

## Looking Towards Downtown – Gore to Main



**Recommended Design Prior to Meeting with Union Street Businesses**

## Looking Towards Downtown – Gore to Main



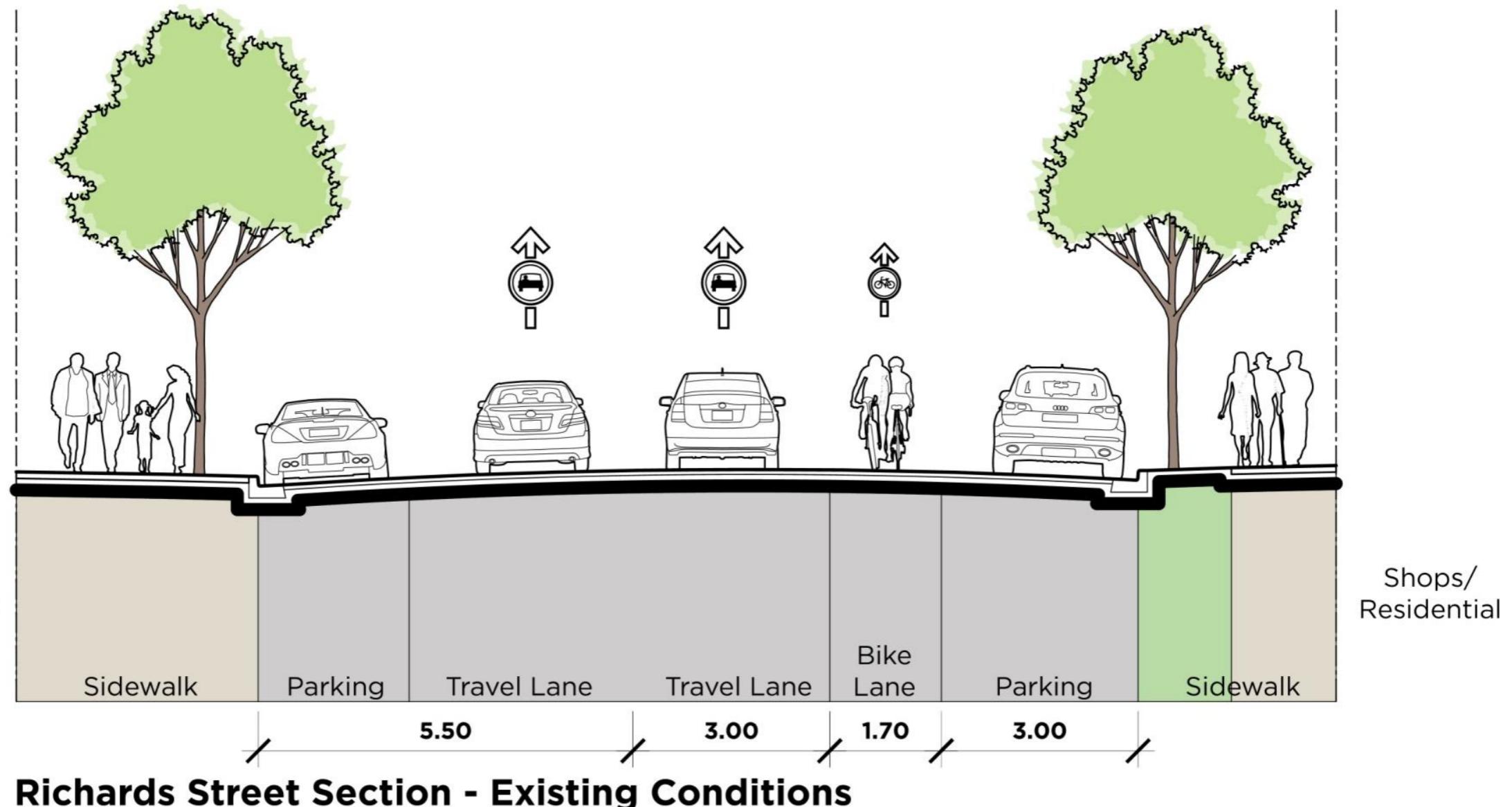
**Recommended Design Following Meeting with Union Street Businesses**

# **Richards Street Upgrades**

## **Robson Street to Drake Street**

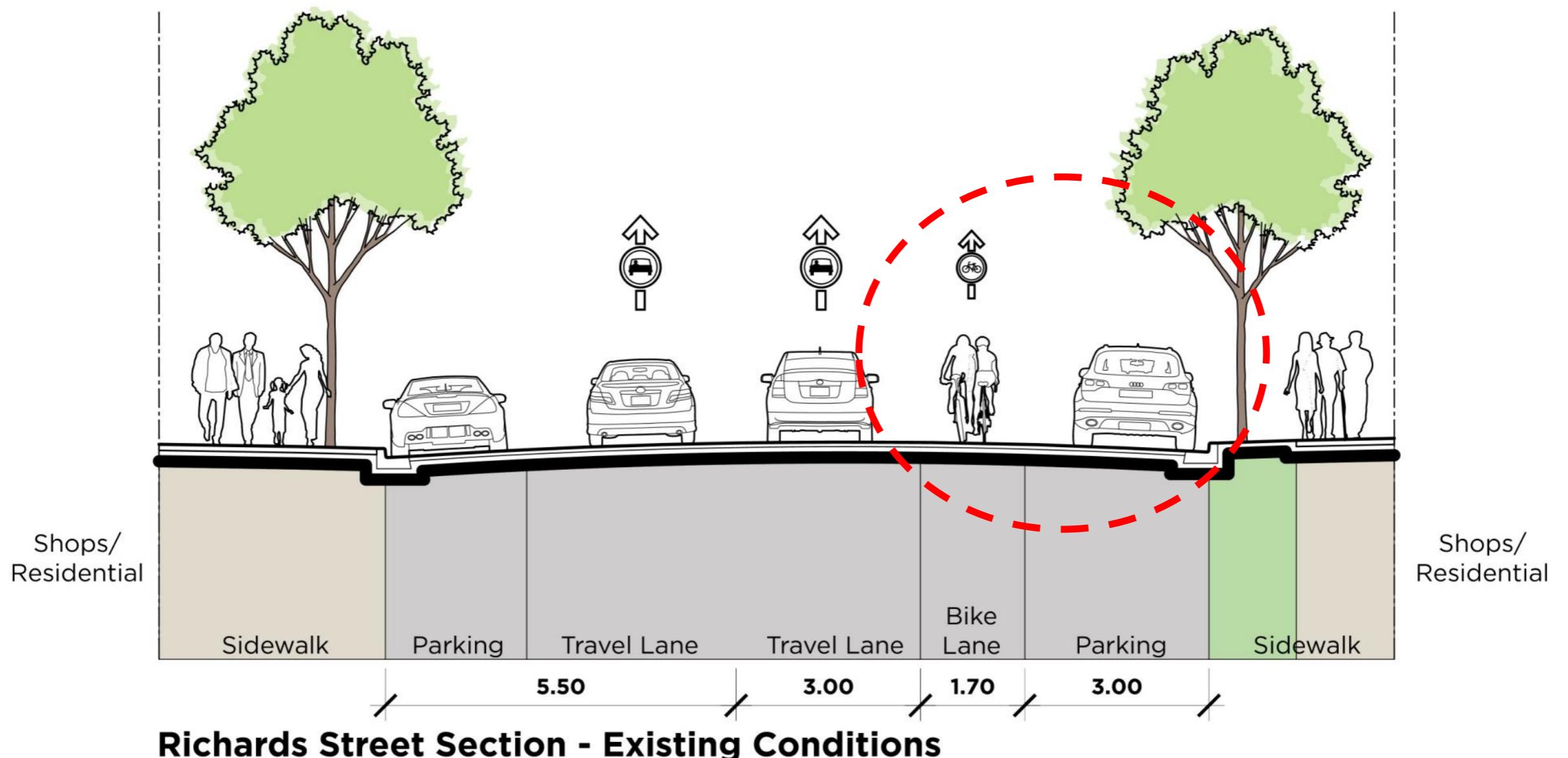
# 2013 Active Transportation Projects

## Richards Street – Construction coordination



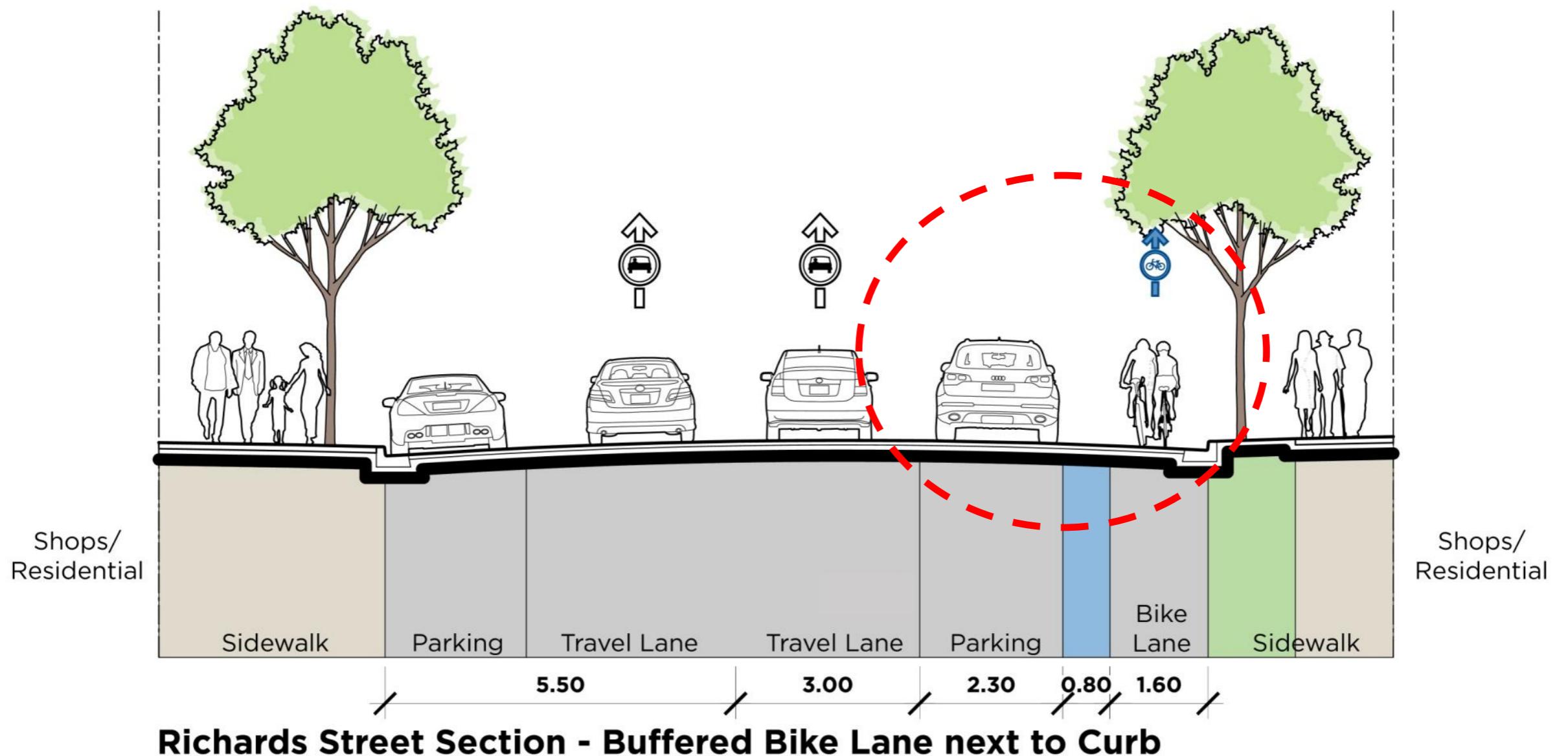
# 2013 Active Transportation Projects

## Richards Street – Construction coordination



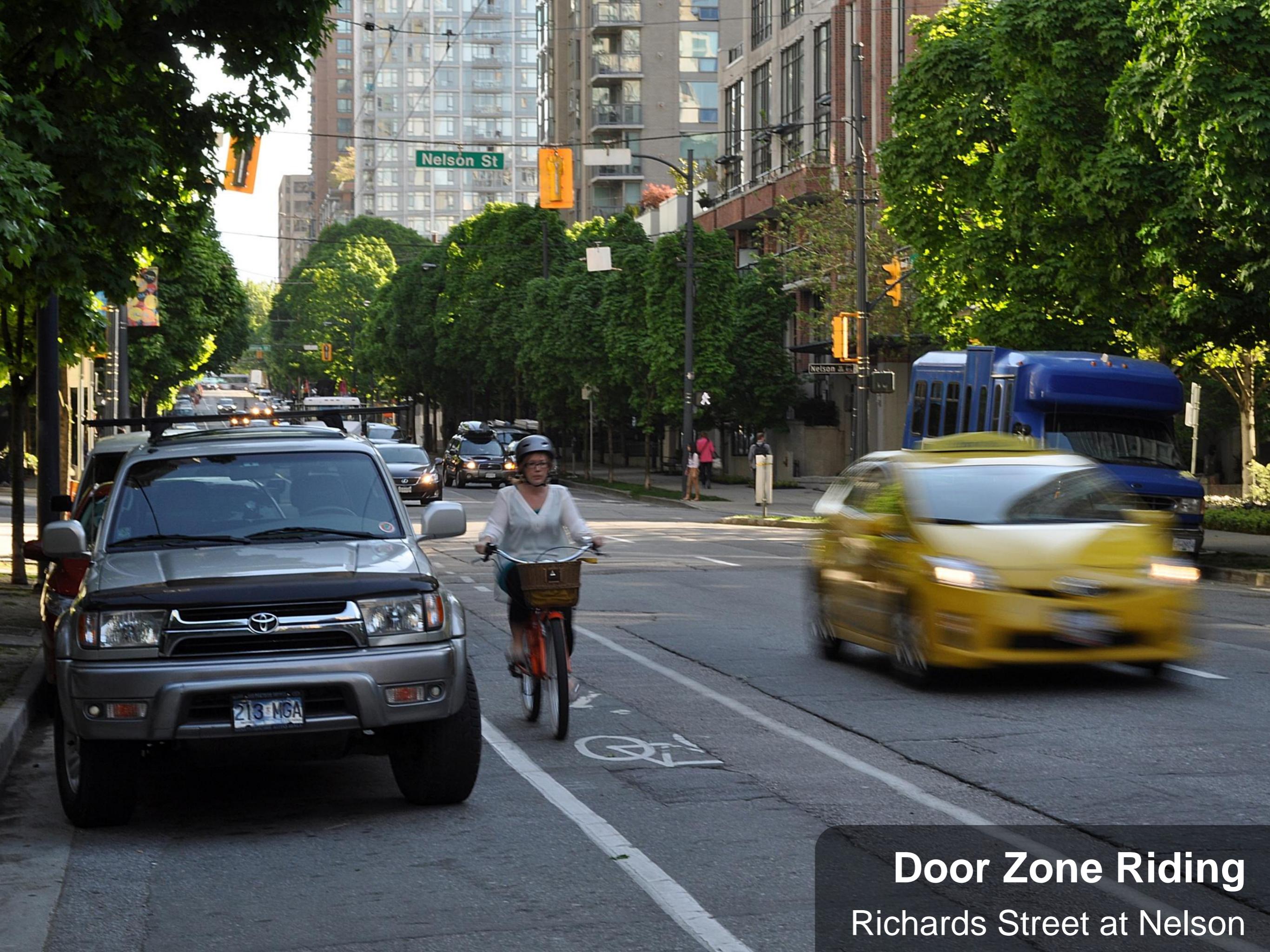
# 2013 Active Transportation Projects

## Richards Street – Construction coordination





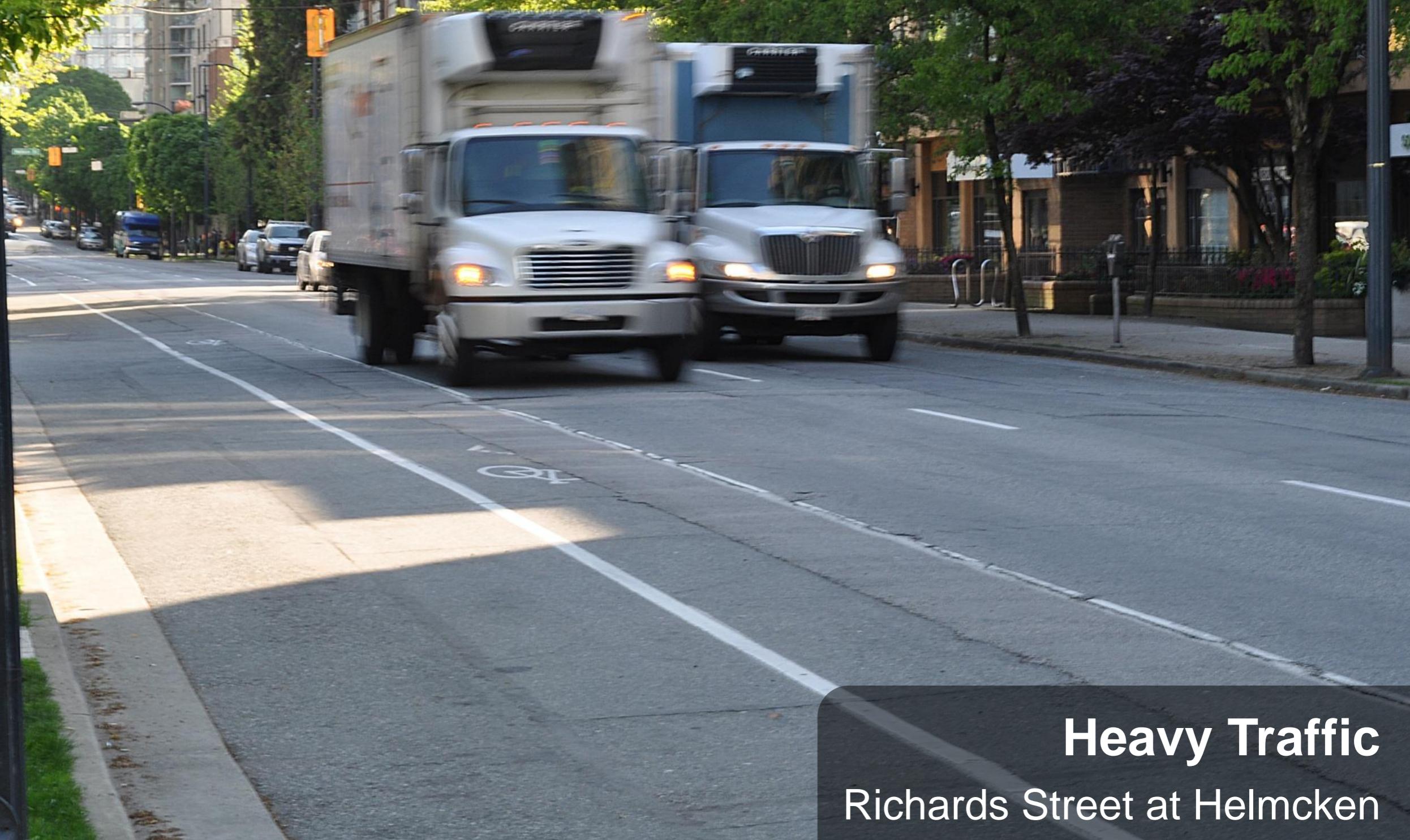
**Utility Trenching**  
Richards Street at Davie



**Door Zone Riding**  
Richards Street at Nelson



**Parking Lane Riding**  
Richards Street at Nelson



**Heavy Traffic**  
Richards Street at Helmcken



**Under Construction**  
Richards Street at Nelson



# Intersection Conflicts

## Richards Street at Smithe

# Smith Street

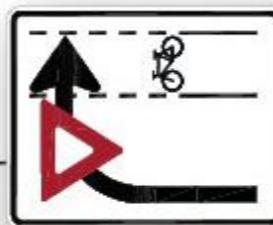
Dedicated right turn lane

Green paint at bike/vehicle conflict zones

Concrete median

# Smith Street

Dedicated right turn lane



Green paint at  
bike/vehicle conflict  
zones



# Under Construction

## Richards Street at Smithe

# North Cambie Bridge Upgrades

## East Shared Path to Beatty Street



**East Shared Path**  
Cambie Bridge at Pacific



Existing Bus Stop  
Smithe Street at Expo



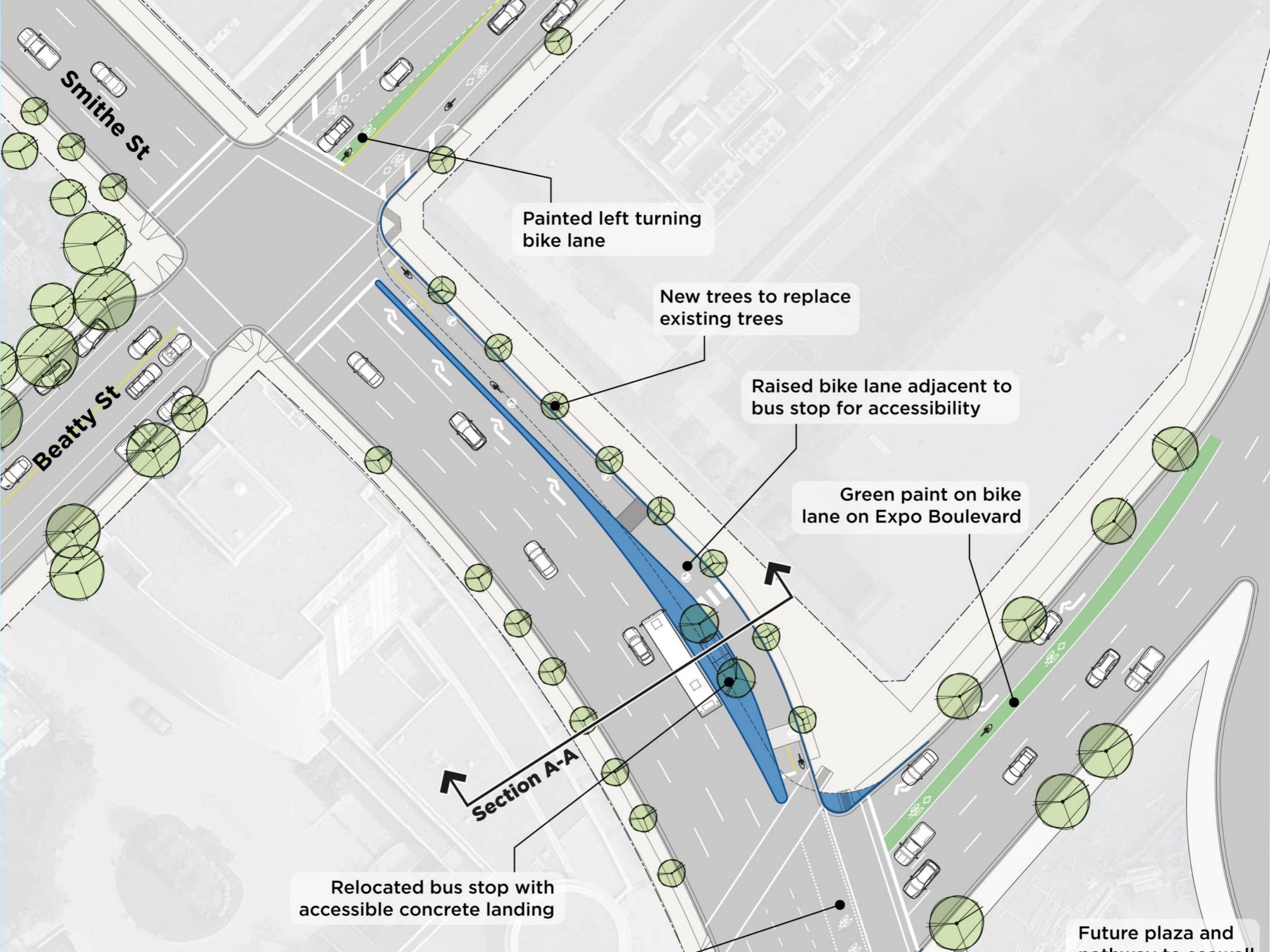
**Existing Bus Stop**  
Smithe Street at Expo

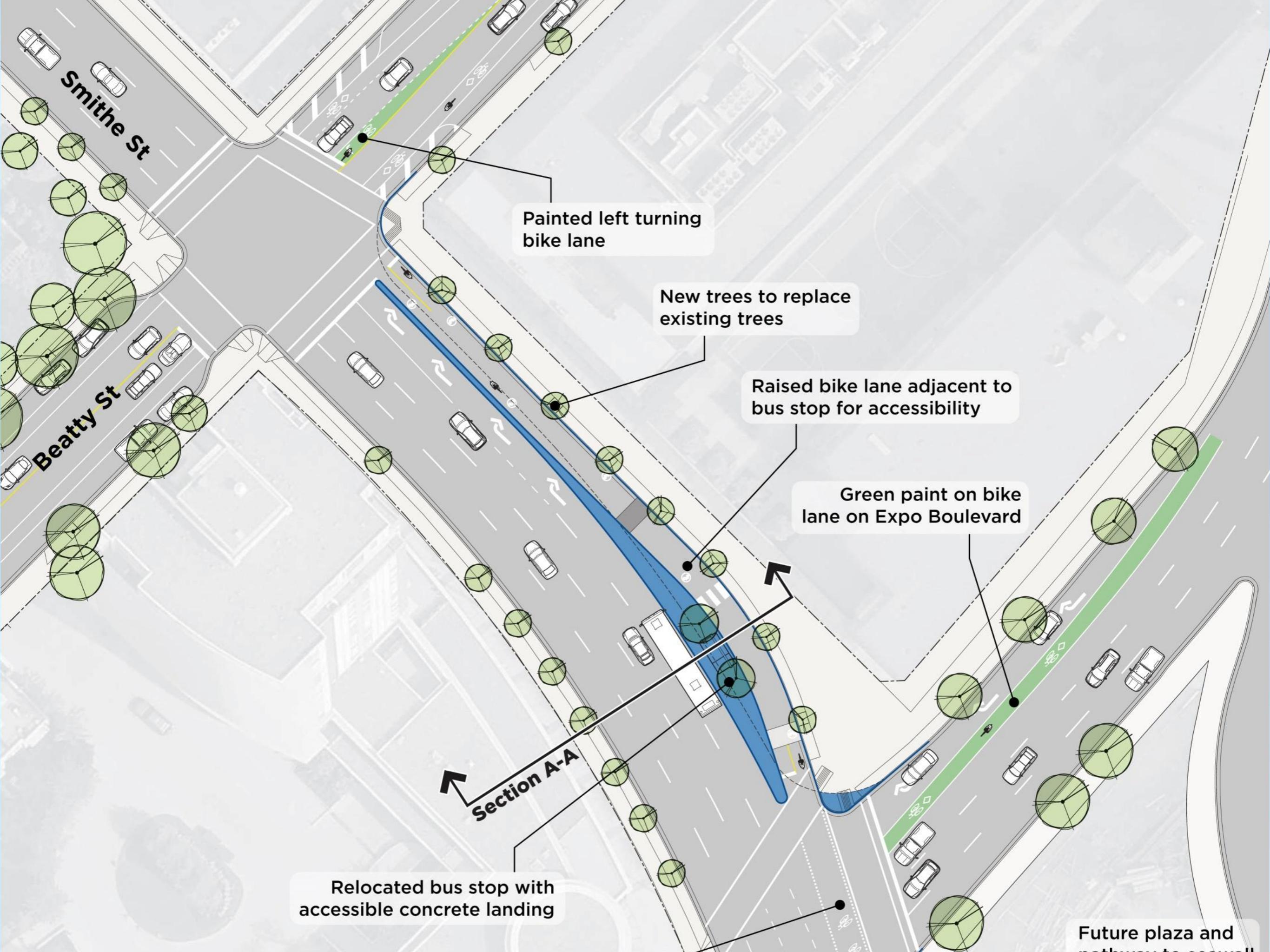


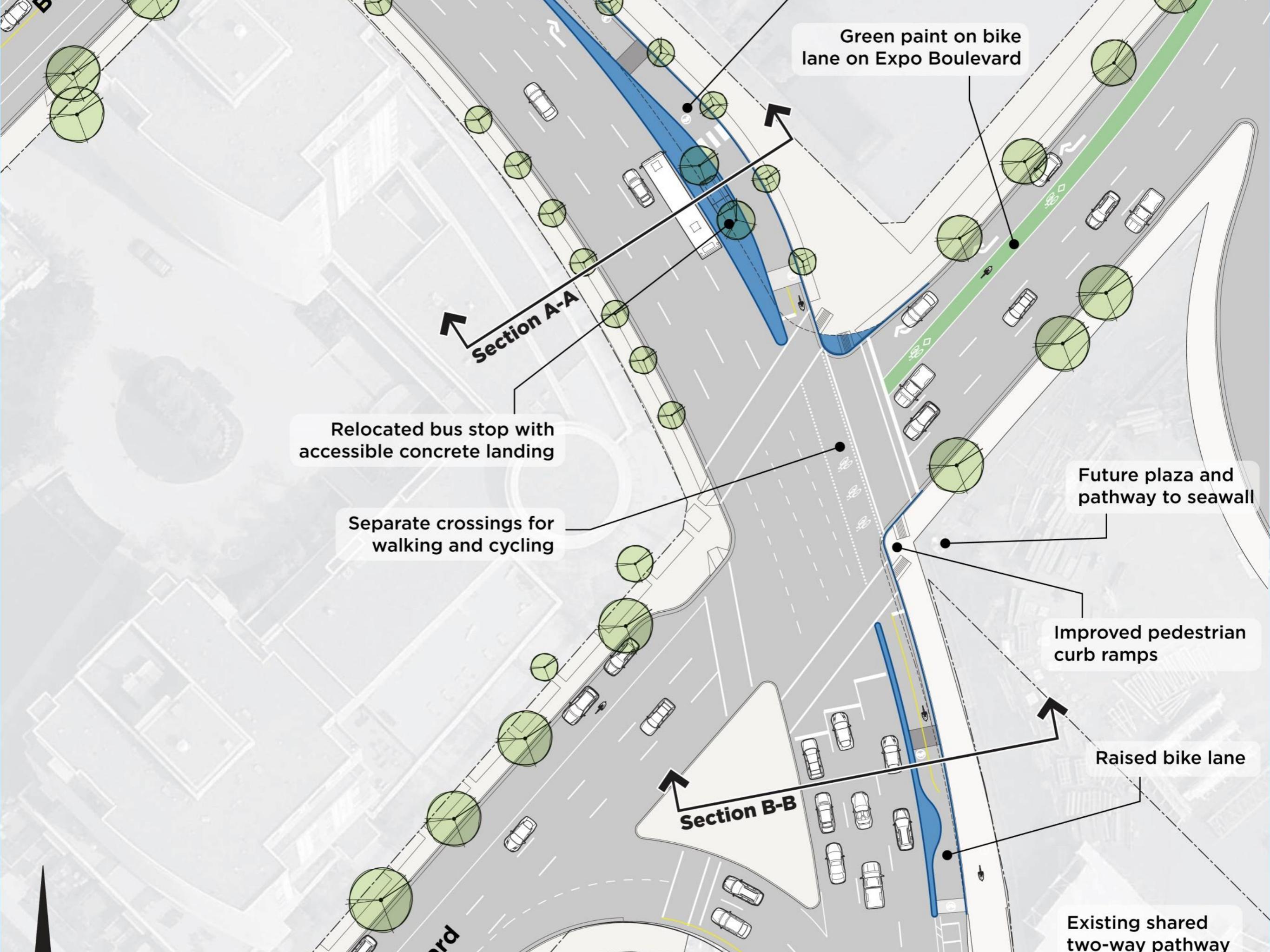
**Merge onto Smithe**  
Smithe Street at Expo



**Sidewalk Riding**  
Smithe Street at Expo









**Bus Shelter Removal**  
Smithe Street at Expo

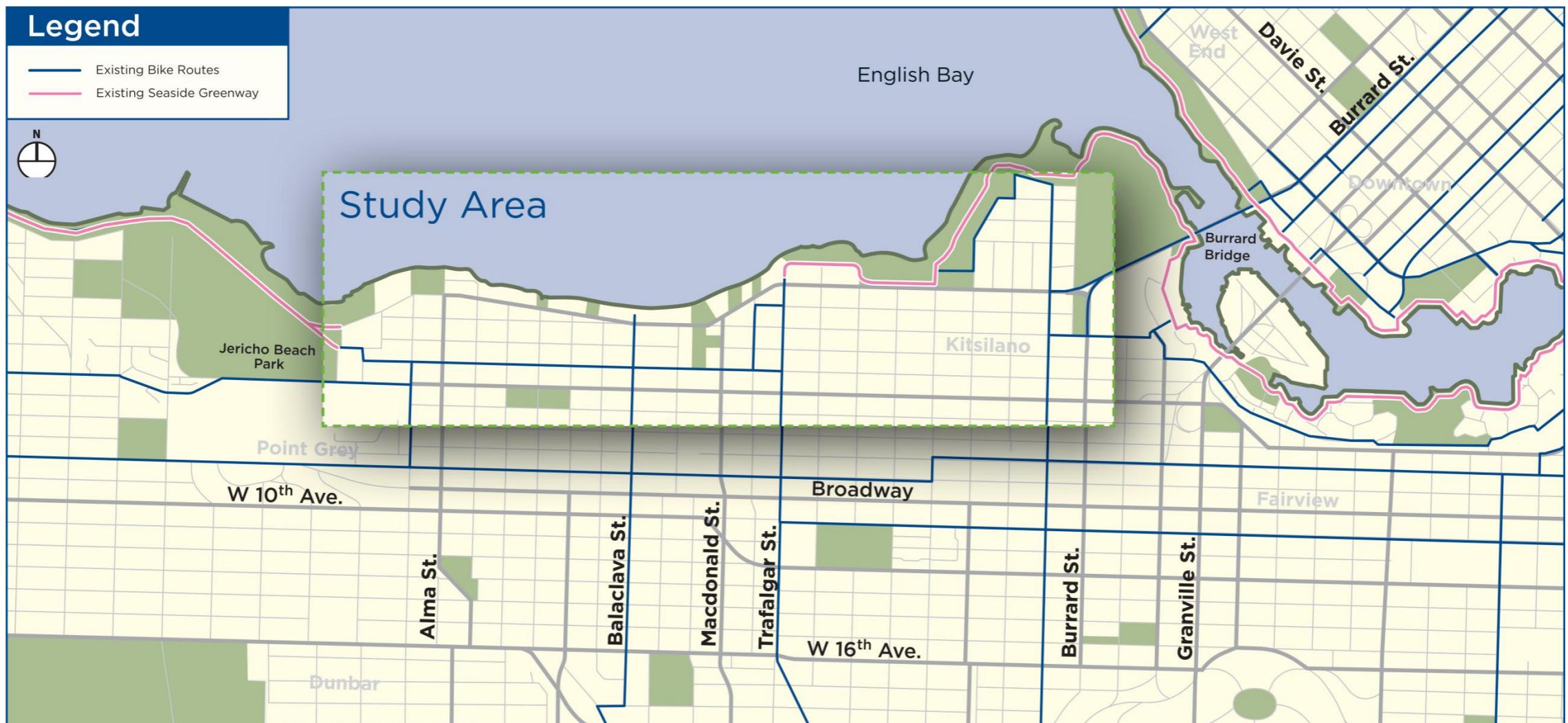


**Construction**  
Smithe Street at Expo

# **Seaside Greenway & York Bikeway**

## **Burrard Bridge to Jericho Beach Park**

# Study Area

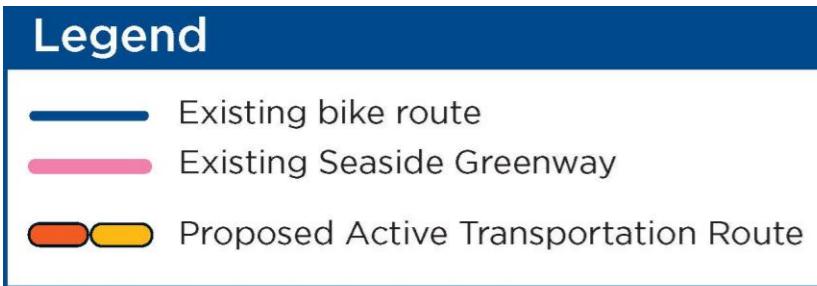


# Seaside Greenway Gap

Key gap in the Seaside Greenway – completes a 28km walking and cycling route



# Seaside Greenway and York Bikeway



The proposal completes the Seaside Greenway along the water and creates a direct commuter cycling route to the Burrard Bridge on York.



**Point Grey Road**  
West of Blenheim



## &lt;div[](https://i.vtuboard.ca/2a/PointGreyRoad/PointGreyRoadAlmaToMacdonald.png)

# Local Street Conversion

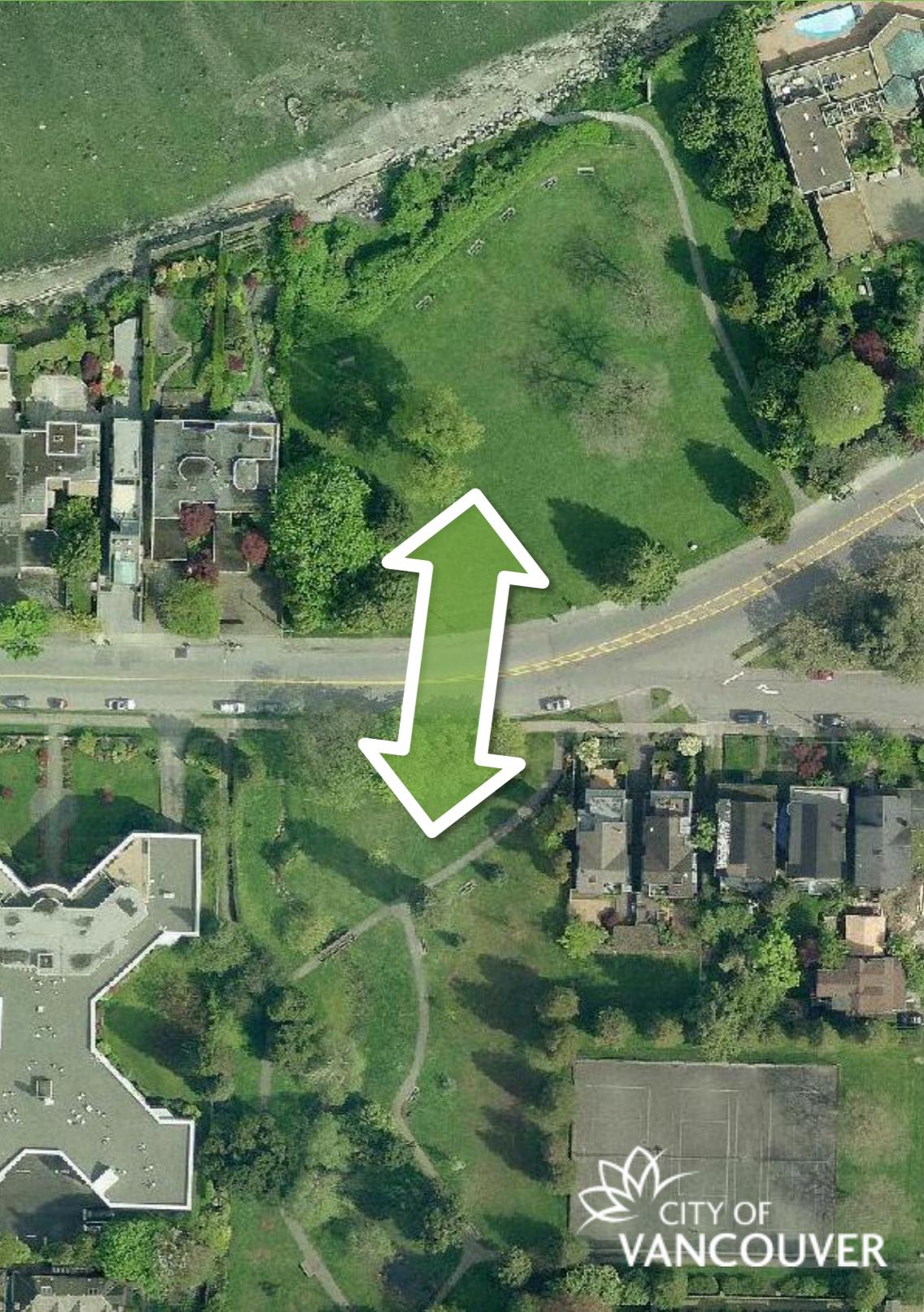
## Significant Traffic Calming





## Seaside Greenway

- Separate walking and cycling paths through parks
- Consolidate Volunteer and Tatlow Parks
- Daylight Tatlow Creek, with biodiversity enhancements and access to beaches
- Expand Point Grey Road Park at Trutch Street





## 2a Point Grey Road Alma to Macdonald

## Local Street Conversion Significant Traffic Calming

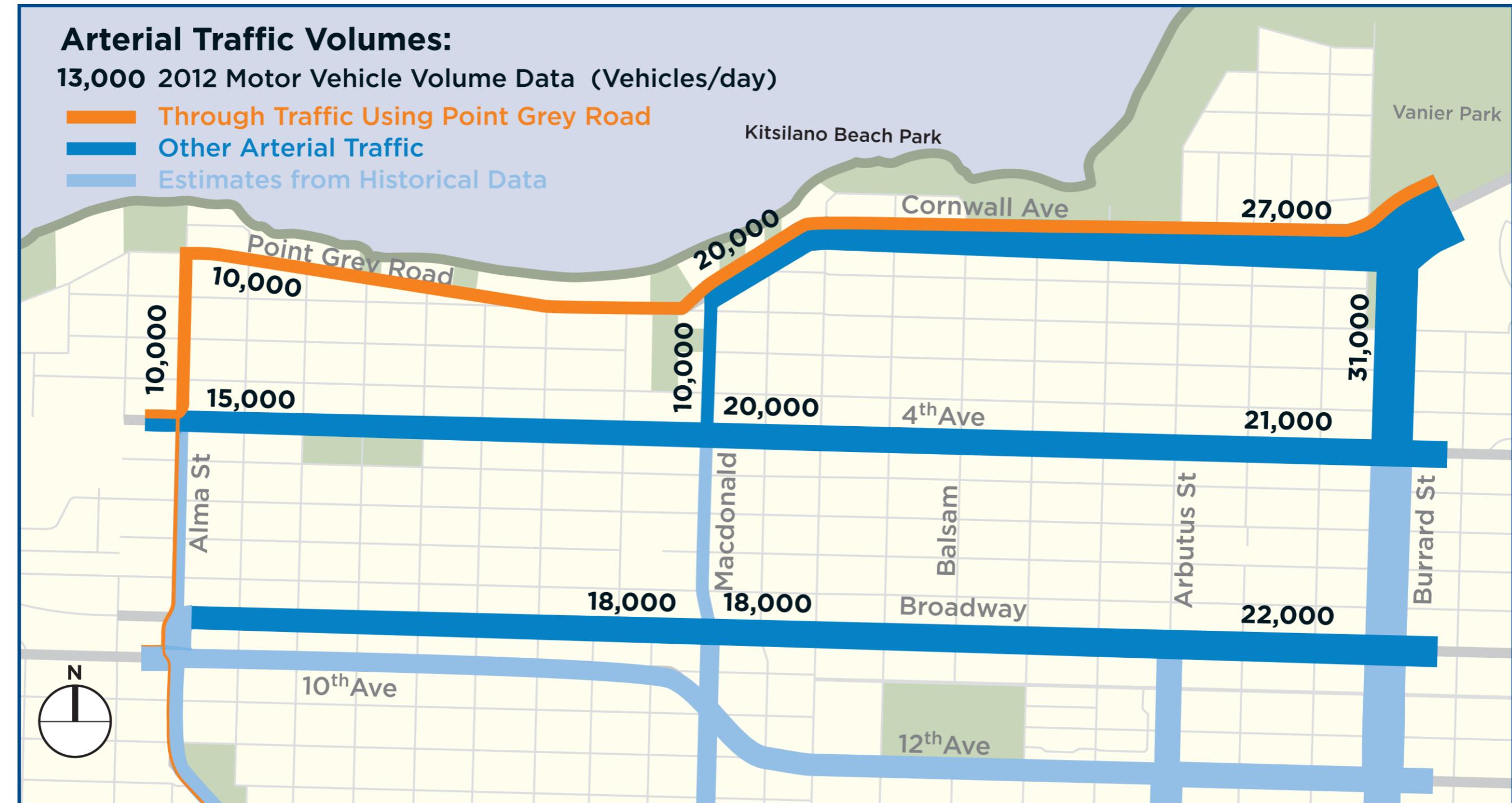




## Arterial Traffic Volumes:

13,000 2012 Motor Vehicle Volume Data (Vehicles/day)

- Through Traffic Using Point Grey Road
- Other Arterial Traffic
- Estimates from Historical Data

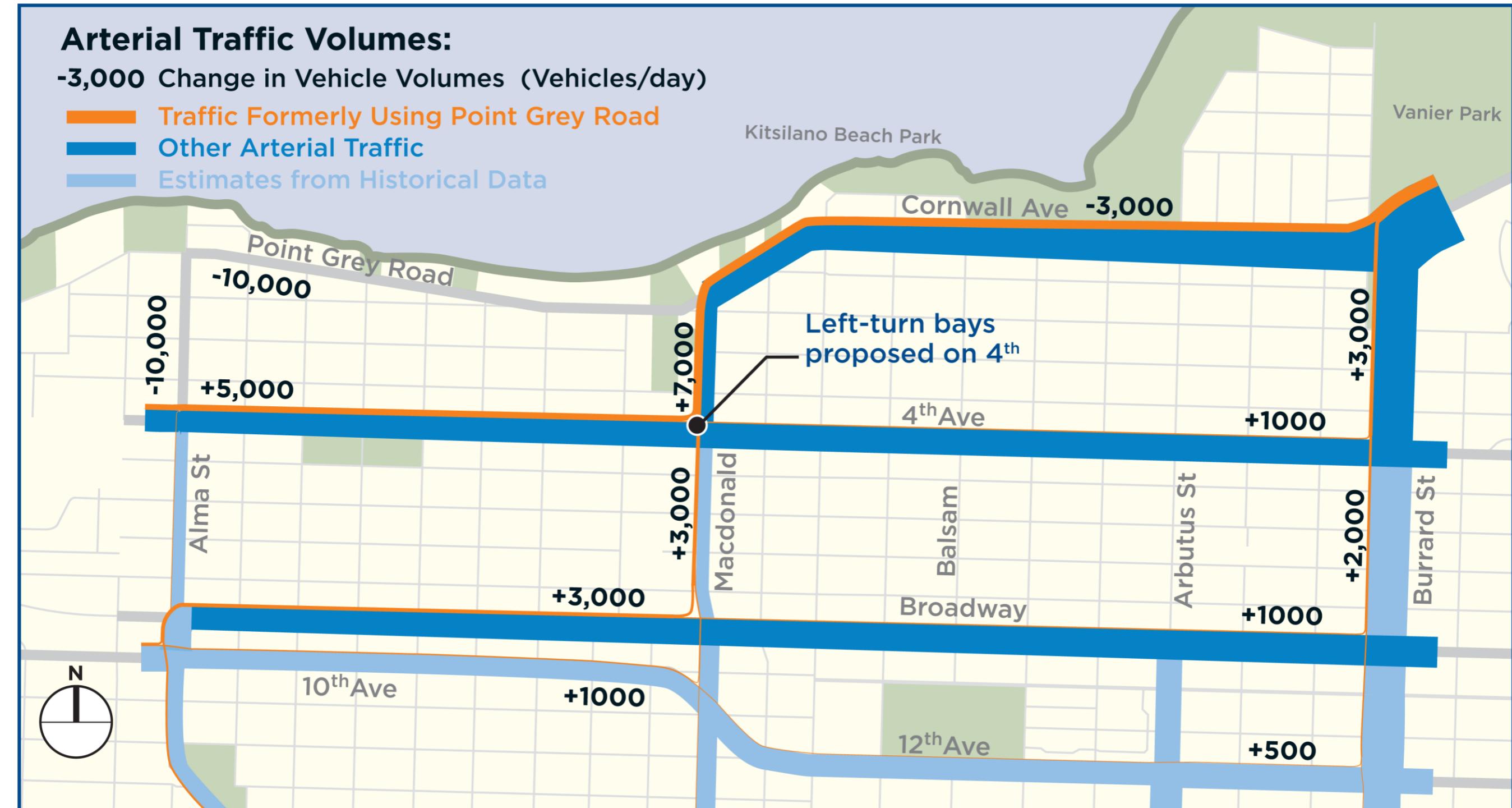




## Arterial Traffic Volumes:

### **-3,000 Change in Vehicle Volumes (Vehicles/day)**

- Traffic Formerly Using Point Grey Road
  - Other Arterial Traffic
  - Estimates from Historical Data





**Point Grey Road**  
West of Trafalgar

# York Bikeway Overview



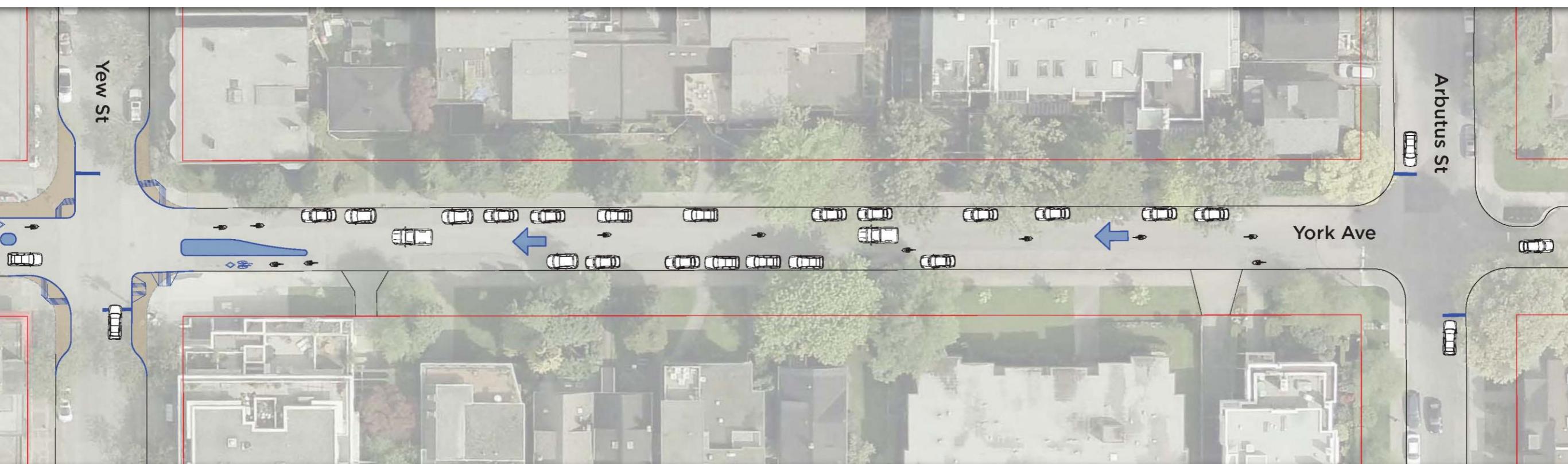
The York Bikeway was identified as section 4 during Phase 2 consultation.



4

## York Avenue Vine to Maple

## Local Street Bikeway Alternating One-way Motor Vehicles

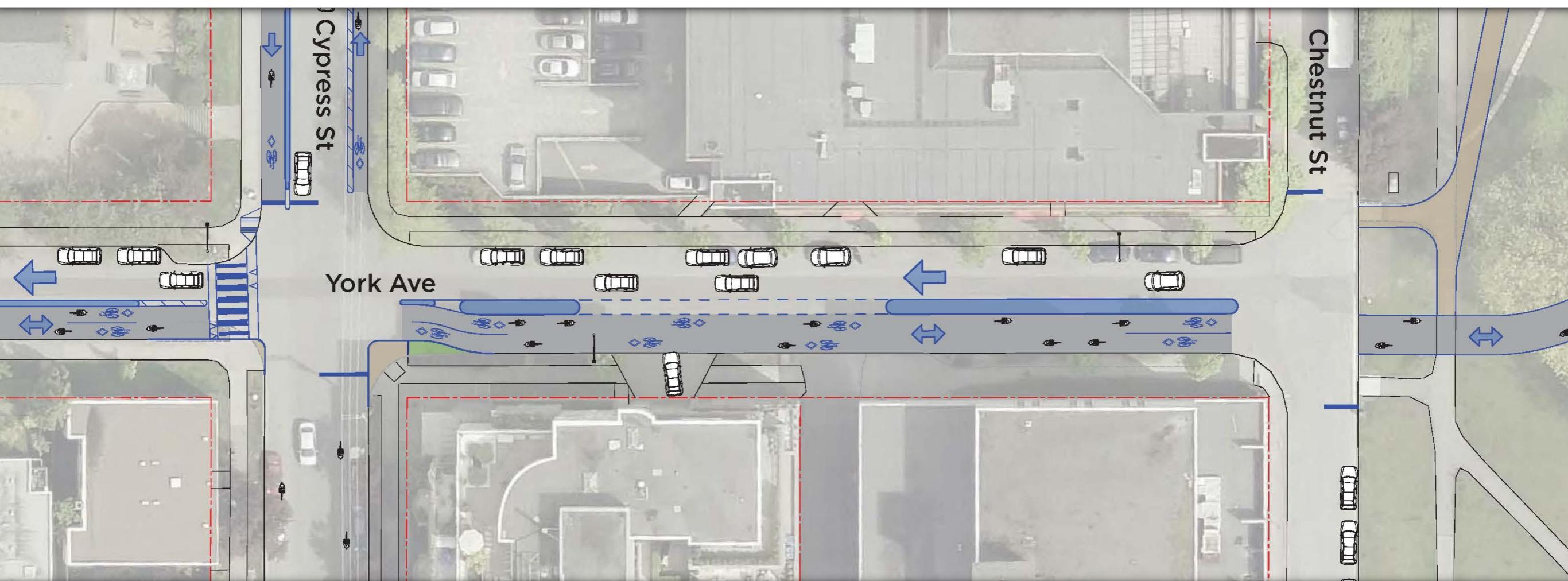


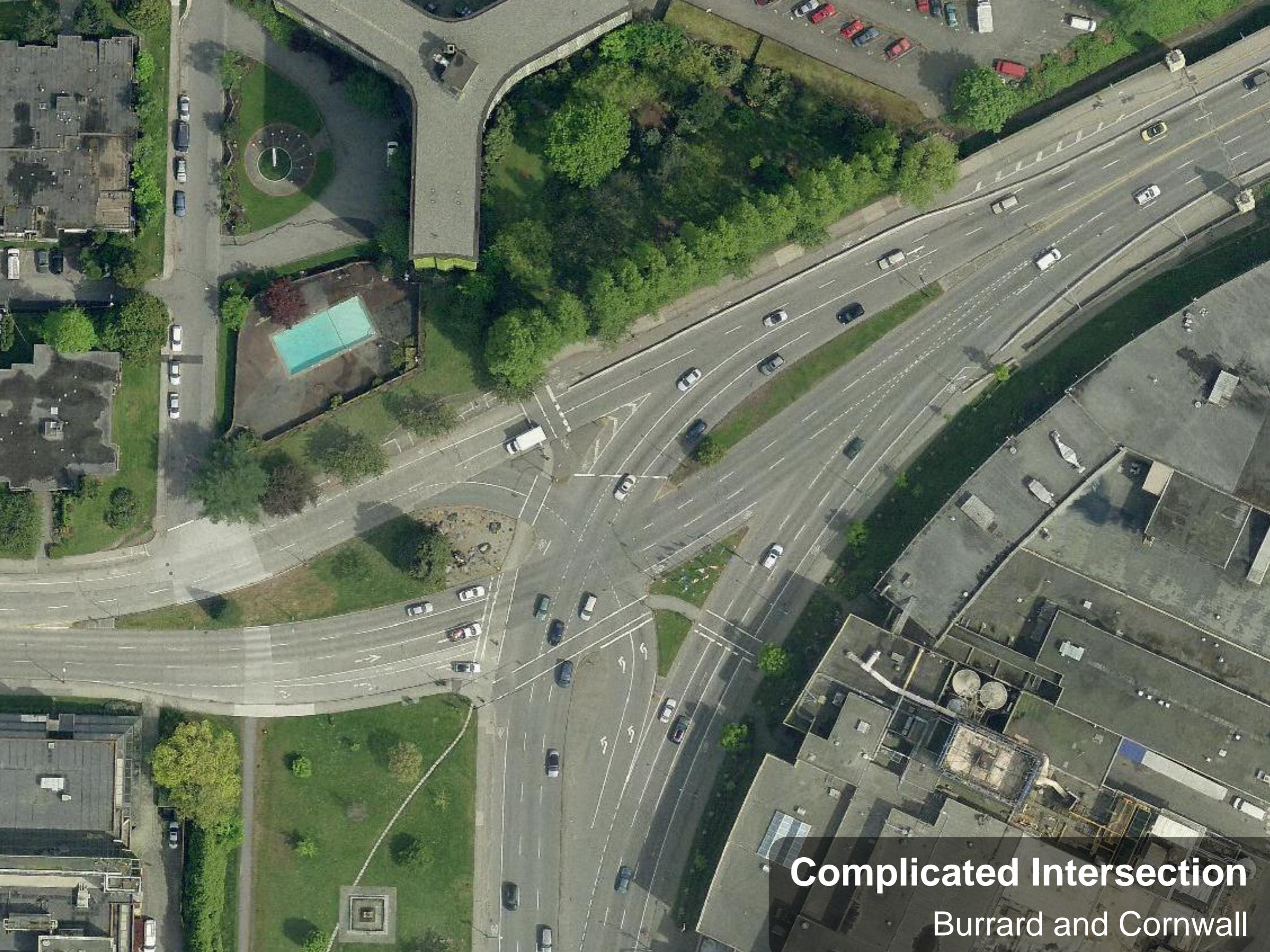


# 4 York Avenue Maple to Burrard

# Separated Bicycle Lanes

## Two-way Motor Vehicle Traffic





**Complicated Intersection**  
Burrard and Cornwall

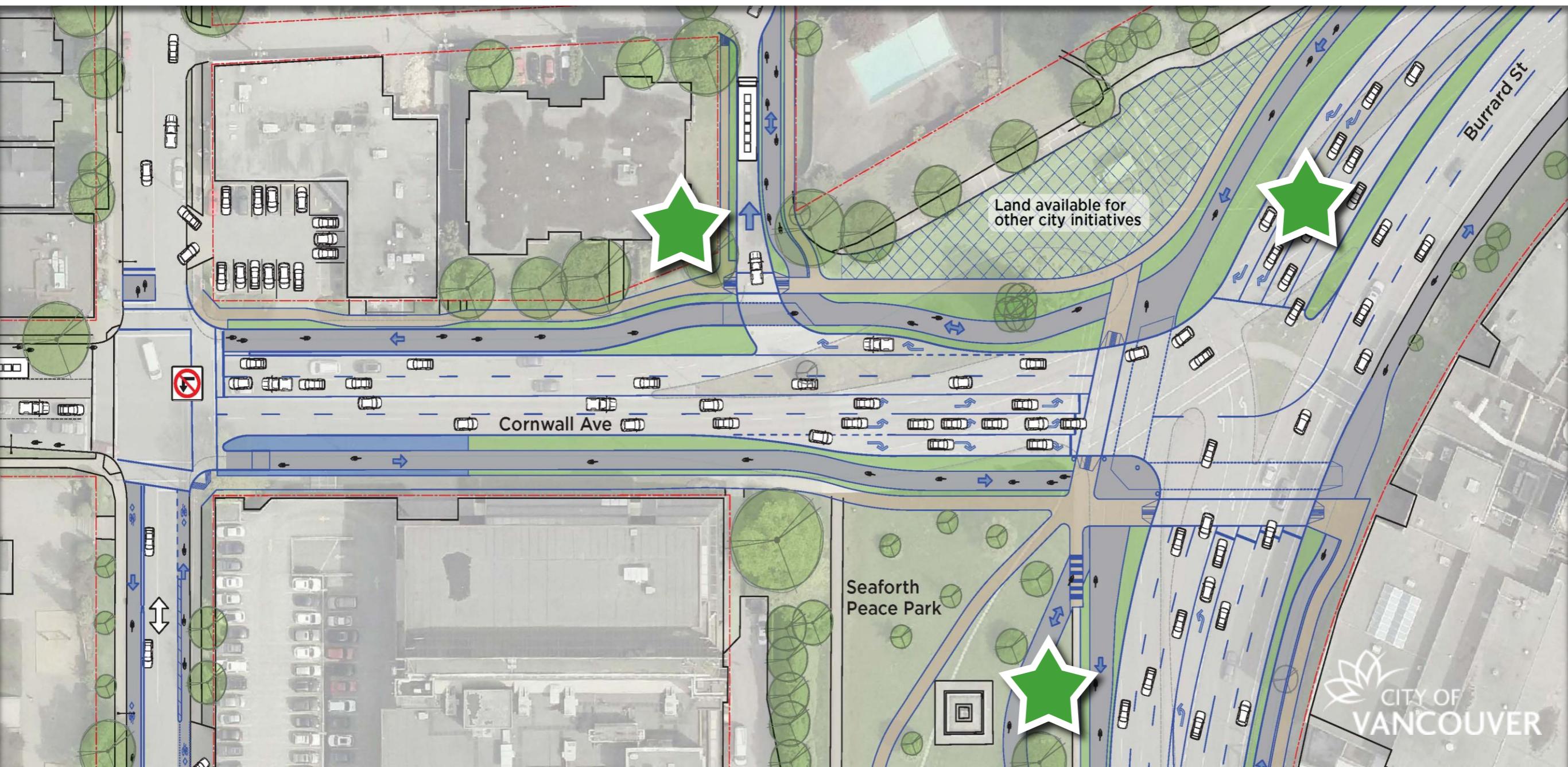


**Multi-stage Crossings**  
Burrard and Cornwall

# Burrard Street Bridge South End

## Burrard and Cornwall Simplified Intersection

## Shorten Crossings Maintain All Movements





**Shared Lane**  
Pender Street



**Painted Bike Lane**  
Burrard Street



**Buffered Bike Lane**  
Yukon Street



**Buffered Bike Lane**  
Yukon Street



**Under Construction**

W 41<sup>st</sup> East of Tisdall

# VANCOUVER metro®



Cars and bikes share the Adanac Bikeway on Union Street. City council has decided to revisit proposed changes to the route. JENNIFER GAUTHIER/METRO FILE

## Adanac upgrade on hold

**City hall.** Council OKs two bike lanes but opposition puts brakes on a third

City council approved two new separated bike lanes on Wednesday but was forced to back away from plans for a third after opposition from residents.

Not a soul came to council to oppose two projects — one to extend the Canada Line Bridge Connection in South Vancouver for \$750,000 and the other to upgrade the north end of the Cambie Street Bridge to Beatty Street for up to \$1.5 million.

But the placid acceptance of

improvements to the cycling network screeched to a halt at the intersection of Union and Main Streets along the Adanac bikeway, which was going to be upgraded for \$750,000.

Strathcona residents and business owners strongly opposed the city's plans to stop all car traffic from travelling along Union just west of Main and to prevent eastbound traffic along Union just east of Gore.

In the end, council directed staff to look at various options for the stretch.

Many expressed frustration about the loss of parking and the blocking of trucks and cars from the shortcut to downtown, which

is used by about 5,000 vehicles and 4,000 bikes daily.

Steve Da Cruz, owner of The Parker restaurant, referred to the city's claim that half the parking spots along the strip are typically empty as grossly inaccurate.

He added that businesses in the up-and-coming neighbourhood depend on the parking to attract customers.

The plans are "cutting us off at the knees," he said, noting that traffic will be a bigger problem as more restaurants move to the area. "This project has been pushed through with very little communication."

The city's public consultation was a failure, agreed Pete Fry, chair of the Strathcona Residents' Association. Residents only heard about the final proposal on May 1, and the city neglected to advertise that closing down parts of Union to cars was on the agenda, he said.

But others, such as cycling advocacy organization HUB, supported the safety upgrades to the street, which even opponents said was an accident waiting to happen.

The thousands that pack into the street deal with "treacherous" spots at the intersection, said Tanya Paz, chair of the Active Transportation Policy Council, who urged council to pass the recommendations.

"Should we go ahead with these now rather than wait for more injuries? Yes, please."

EMILY JACKSON/METRO

**FREEDOM IS... NEVER HAVING TO REMEMBER TO SHAVE**  
**SUMMER READY SKIN HAS NEVER BEEN SO EASY**

Buy any 3 bikini treatments and get 3 underarm treatments FREE!\*

Come in for a complimentary consultation at any of our Lower Mainland locations. Call 604.638.SKIN (7546) or visit [dermallaaser.com](http://dermallaaser.com)

Over 14 years experience | Medical Grade FotoFacial RF™ | Medical-Grade Peels | Skin Tightening | Physician-directed BOTOX® and Dermal Fillers | Laser Hair Removal | Microdermabrasion | Latissse®

\*Offer expires July 12, 2013. Does not apply to physician-directed services or hypodermic. Not valid with any other offer. One offer per customer. Not transferable. For details, call 604.638.7546 or visit [dermallaaser.com](http://dermallaaser.com)



WINNER EXCELLENCE IN  
LASER HAIR REMOVAL  
CATEGORY



# WAR ON BOOTLEGGING NORTH VAN TEEN BEGAN DRINKING AT AGE 10

NEWS A3

WEATHER Cloudy periods A30

FINAL EDITION

\$2.14 minimum  
in outlying areas  
\$1.43 plus

# The Province

THURSDAY, JUNE 13, 2013 | VANCOUVER, BRITISH COLUMBIA | [THEPROVINCE.COM](http://THEPROVINCE.COM) | A DIVISION OF POSTMEDIA NETWORK INC.

URBAN CYCLING

## ARE WE BEING TAKEN FOR A RIDE?

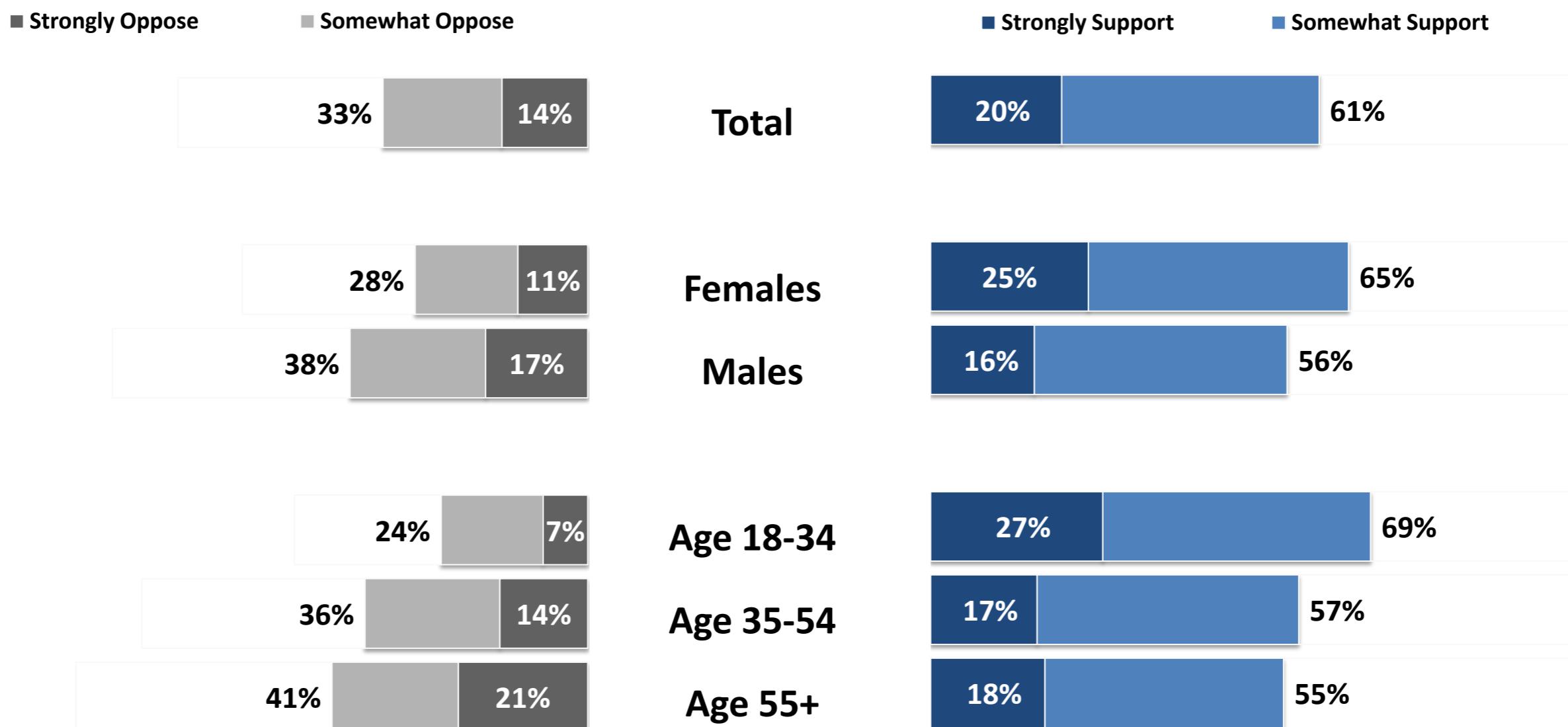


■ Vancouver bike-lane plan draws fire ■ Rental-shop owner fears loss of business to city bike-share program ■ Cyclists sitting on \$330,000 of unpaid tickets A6-7

STUART DAVIS/PNG FILES

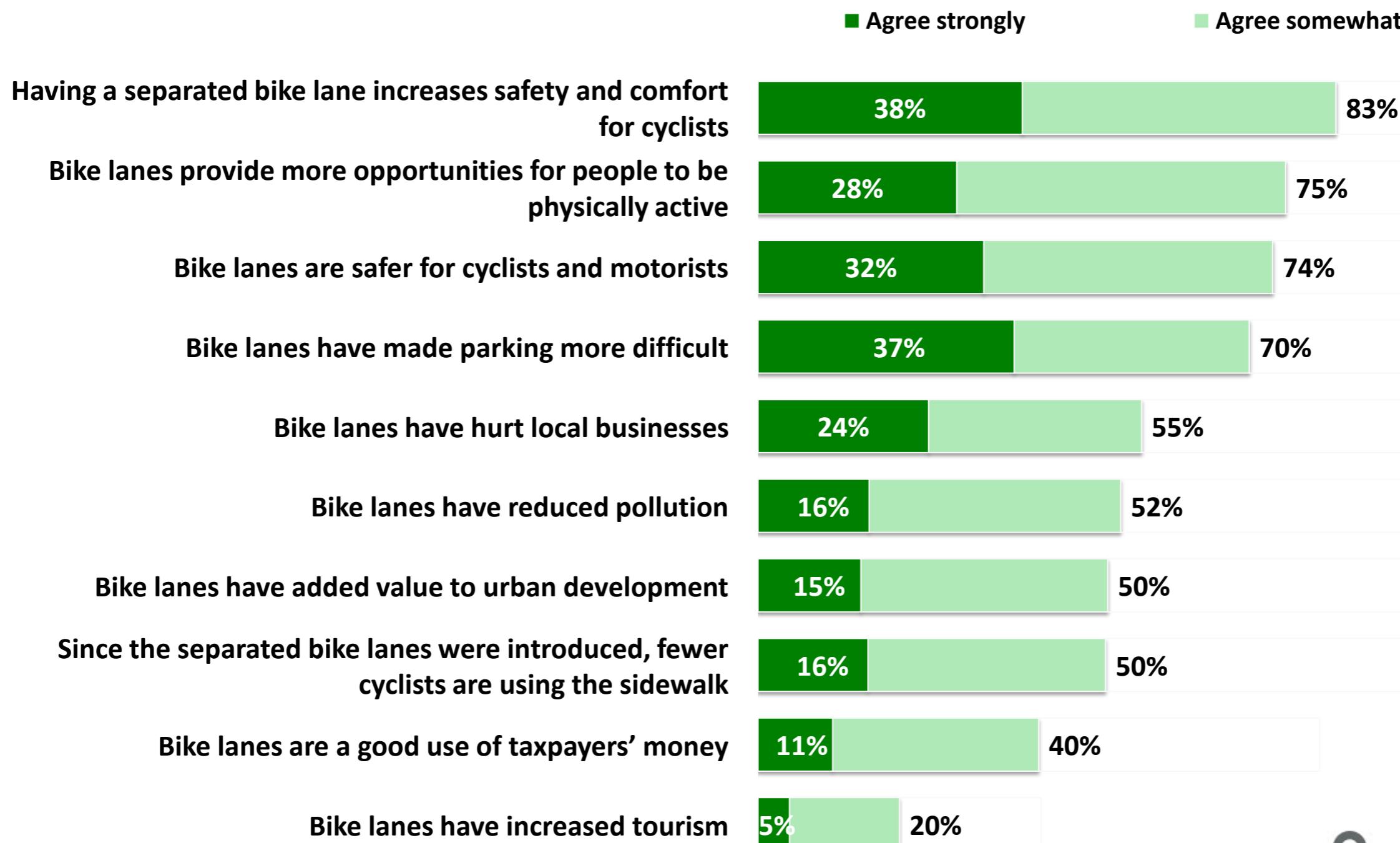


## *From what you have seen, read, or heard, about separated bike lanes, do you support or oppose this initiative? Choose one.*





*From what you have seen, read, or heard, do you agree or disagree with these statements about bike lanes in Vancouver?  
Choose one for each row.*





# *Questions and Discussion*

**bike vancouver**