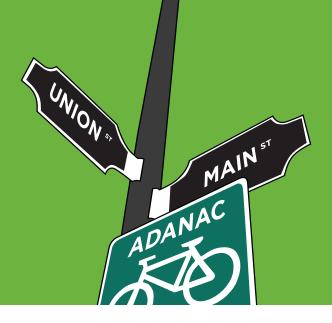
The Project

Adanac Bikeway Improvements: Gore to Carrall



About the Adanac Bikeway

The Adanac Bikeway was the first local street bikeway built in Vancouver in 1993 and is currently one of the busiest bikeways in the city. The Adanac Bikeway extends from downtown Vancouver to Boundary Road, where it connects to Burnaby's Francis Union Bikeway and is a crucial connection in the overall cycling network.

The City is looking at upgrading specific sections of the Adanac Bikeway to better meet the needs of cyclists of all ages and abilities (AAA). Even though most of the bikeway is located on less busy residential streets, Union Street (west of Gore Avenue) is classified as a Regional Truck route and carries approximately 5000 vehicles per day. This section of Union Street poses a safety risk to cyclists and is inconsistent with other cycling facilities in the vicinity.



Adanac bikeway on Union Street east of Hawks Avenue

Why are we doing this?

Safety:

- According to ICBC, the intersection of Union Street and Main Street is a top cyclist collision location in Vancouver (data from 2006 to 2011), and is the number one cyclist collision location along the Adanac local street bikeway.
- This section of Union Street overlaps with the regional truck route, forcing cyclists to share the road with high vehicle volumes, including large trucks and tour buses.

Demand:

• East of Main Street, Union Street carries an estimated 4000 cyclists per day in the summertime, making it one of the busiest cycling routes in the City. As a comparison the volumes on Burrard bridge and Dunsmuir separated bike lanes are 5000 and 2000 cyclists per day in the summer time respectively.

Network:

• This section of Union Street provides a crucial connection between existing all ages and abilities cycling facilities on Carrall Street, the Dunsmuir Viaduct, Seaside Greenway and Adanac Local Street Bikeway east of Gore Street.

Policy:

• This project was approved in principle as part of the 2040 Transportation Plan and was recommended for implementation in 2013



Intersection of Main and Union streets



Use Bike Lanes

(2800)

Boundary between

Downtown and Strathcona

Existing AAA Cycling Facility

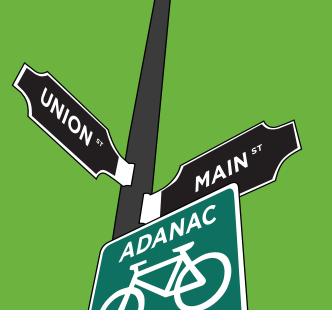
Existing Local Street Bikeway

East/North Bound Vehicles West/South Bound Vehicles Total Vehicle Volumes



Project Goals

Adanac Bikeway Improvements: Gore to Carrall



Goals of the project are to:

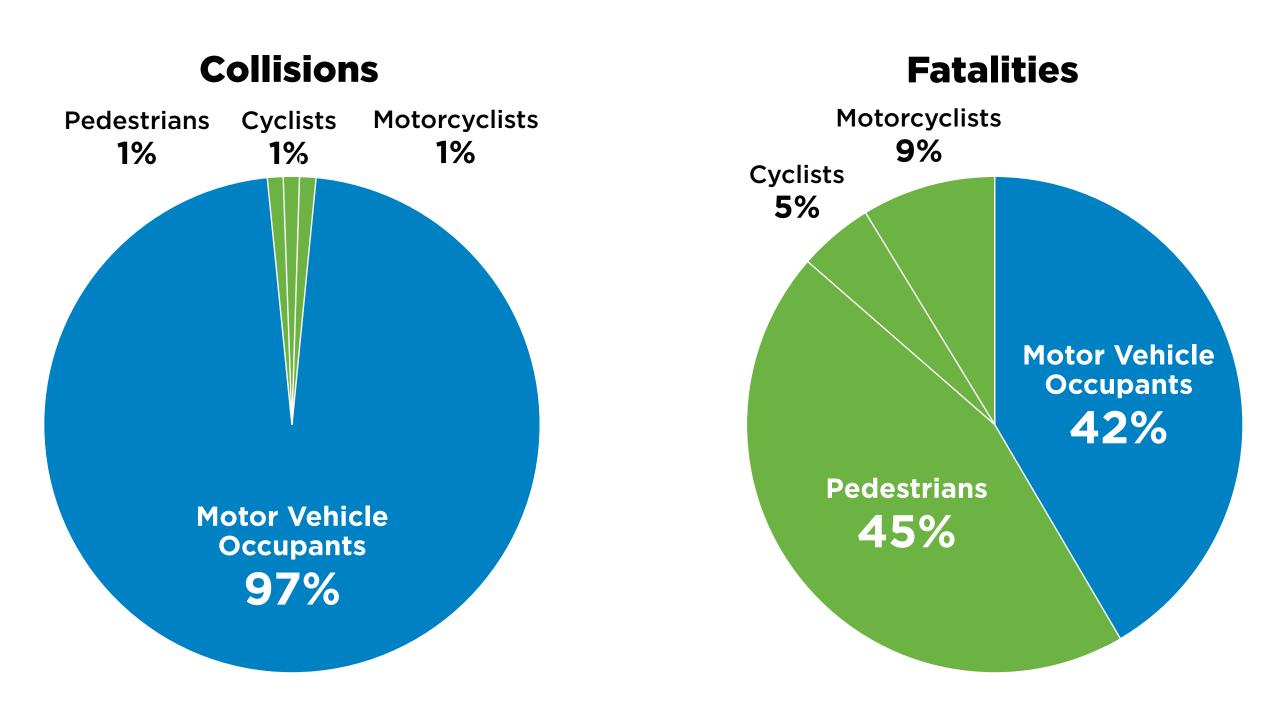
- Address safety concerns at the intersection of Main and Union streets.
- Upgrade this section of the Adanac Bikeway to AAA cycling standards, as directed by the Transportation 2040 Plan and provide a connection to the existing AAA cycling network in the area (Carrall, Dunsmuir, Seawall, etc.).
- Improve pedestrian facilities where feasible along Union Street between Quebec and Main streets.
- Discuss options to improve the demand for bike parking by introducing more bike parking facilities west of Gore Avenue.



Seawall at Northeast False Creek

Cyclist safety

The intersection of Union Street and Main Street is one of the top 10 cyclist/vehicle collision locations in Vancouver (ICBC data from 2006 to 2011).



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

Source: ICBC 2005-2010, VPD 2005-2010

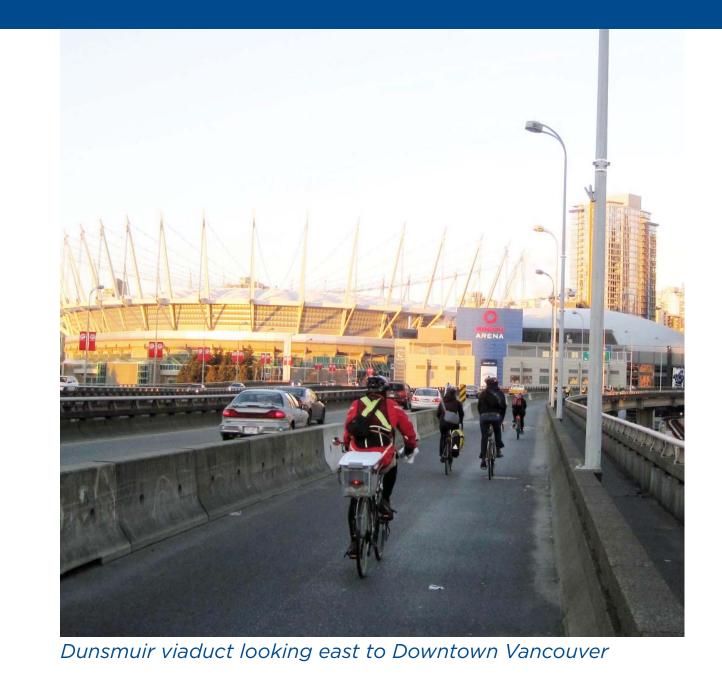


Adanac bikeway on Union Street west of Main Street

The Viaducts

City Council has not yet made a decision on a future direction for the viaducts. In the meantime, there is an immediate need to improve safety and connectivity for people currently using the Adanac local street bikeway, as well as goals to encourage more people to walk and cycle in order to meet Vancouver's long-term transportation and sustainability policies and targets (Greenest City 2020 Plan and Transportation 2040 Plan).

These cycling and walking improvements have been designed using temporary materials wherever possible to minimize costs and maintain flexibility to fit in with the long-term future of the viaducts and other transportation routes in the area.

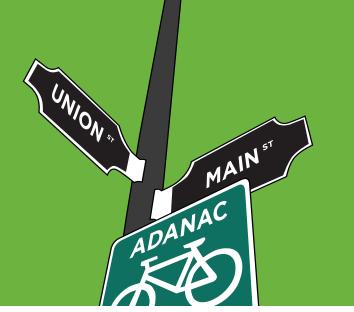






Project Timeline

Adanac Bikeway Improvements: Gore to Carrall



Timeline

Da	

Cycling has been considered a transportation priority in Vancouver for over 25 years:

Vancouver Comprehensive Bicycle Plan

• Analyzed local cycling data and needs and explored the four fundamentals of cycling: engineering, education, enforcement and encouragement.

Bicycle Network Study

- Identified local street bikeways and four priority cycling corridors including the Adanac/Union Corridor.
- The Adanac Bikeway was approved by Council and constructed in 1993 as one of the first bikeways in the City.

More recently, Vancouver Council has adopted the following plans:

Greenest City 2020 Action Plan

• Sets out a broad long-term vision as well as ten specific goals to achieve by 2020 and to make walking, cycling and/or transit the preferred modes of transportation.

Transportation 2040 Plan

- The plan aims to make cycling safe, convenient, comfortable and fun for people of all ages and abilities. Some of the goals of the 2040 Transportation Plan include:
 - Two thirds of all trips will be made by walking, cycling and transit by 2040
 - Zero traffic related fatalities
 - Identifies this project for implementation in 2013 with spot improvements along the entire bikeway planned over the next four years

Currently Underway

Viaducts and the Eastern Core Strategy

- The Eastern Core Strategy is a transportation and land use strategy for the lands surrounding the Georgia and Dunsmuir Viaducts and False Creek Flats.
 - This concept plan proposes the removal of the viaducts structures. The road network would then be reconfigured at grade, which would unlock the potential for more park land and mixed-use development.
 - At the same time, the plan would ensure that transportation routes to and from downtown, for both people and goods, remain.

Downtown Eastside Local Area Plan

• The goal of the Downtown Eastside local area plan is to create a vision and plan for the Downtown Eastside (DTES) that will focus on ways to improve the lives of the low-income DTES residents and community members.

We Researched

• City staff collected data, reviewed the road network, met with appropriate stakeholders (businesses located along the route, Vancouver Fire and Rescue, BC Hydro, Translink and the BC Trucking Association) and developed a design that fits within the City policy context and project goals, while balancing technical and financial considerations.

We Present

• Staff will be presenting the design to the public in a series of public open houses in May 2013 to gather further feedback and discuss the project in greater detail. Staff will also continue to meet with stakeholders and businesses to present and discuss the design.

We Recommend

• Using all of the information collected (data, policy, public feedback, technical and financial considerations), staff will further refine the design before presenting to Council. Given the uncertainty of the viaducts, staff will recommend constructing the upgrades using temporary materials to minimize project costs.

Report to Council

• City staff will report to Council with a recommended design along with the process and funding necessary to proceed with construction. Council will hear from the public before deciding how the project will proceed.

1988

1992

2011

2012

August **2012** to January **2013**

May **2013**

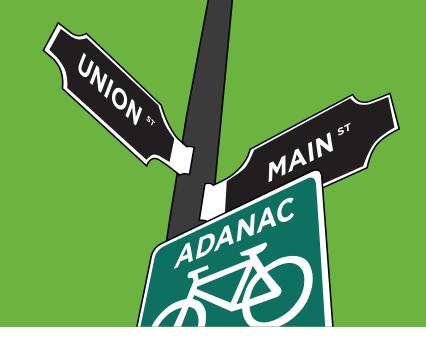
May/June **2013**

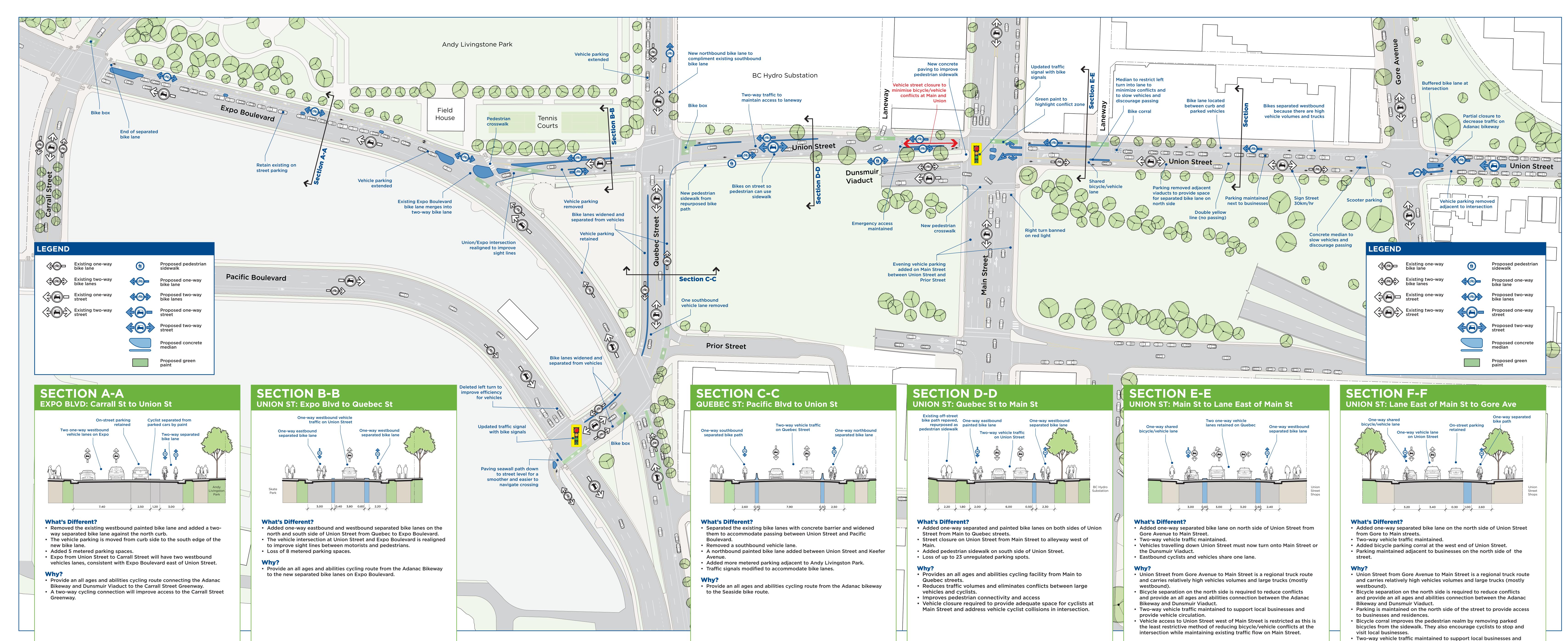
June **2013**



Recommended Design

Adanac Bikeway Improvements: Gore to Carrall





provide vehicle circulation.