



HUB Cycling Local Committee
Spring Peer-to-Peer

Possibility of Cycle Highways in Metro Vancouver



Agenda

- 7.00** **Welcome & Introductions**
- 7.10** **Cycle Highway Project Context**
- 7.15** **Cycle Highways Presentation**
- 7.40** **LC Advocacy + Cycle Highways**
- 7.45** **Q/A Session**
- 8.00** **Adjournment**



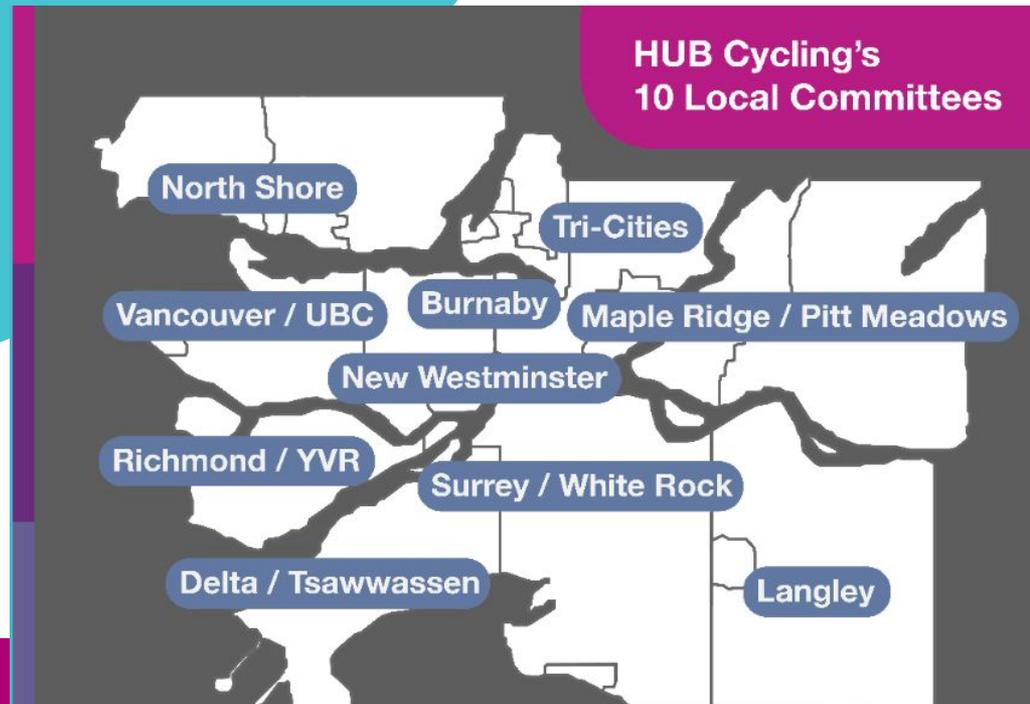
*We acknowledge that HUB
Cycling, through our
various projects, operates
on the traditional and
unceded territories of many
Indigenous peoples and
First Nations in British
Columbia.*



Help advocate for safer bike infrastructure in your city!

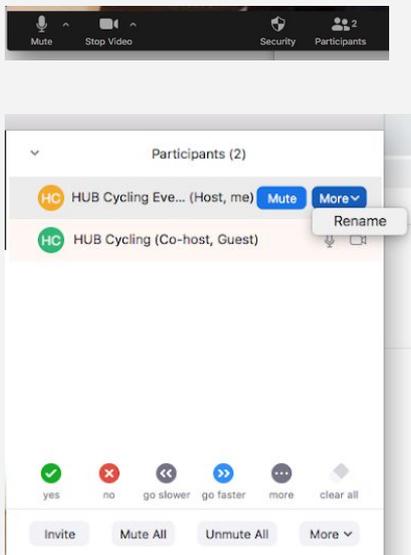
Join a Local Committee!

bikehub.ca/lc





HOW TO: CHANGE YOUR USERNAME

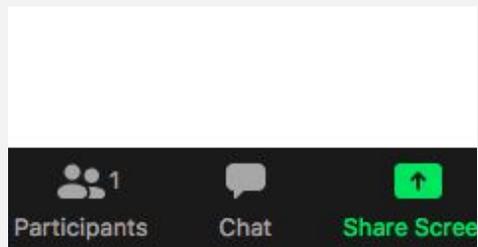


Try adding your Local Committee or organization you represent at the end of your name!

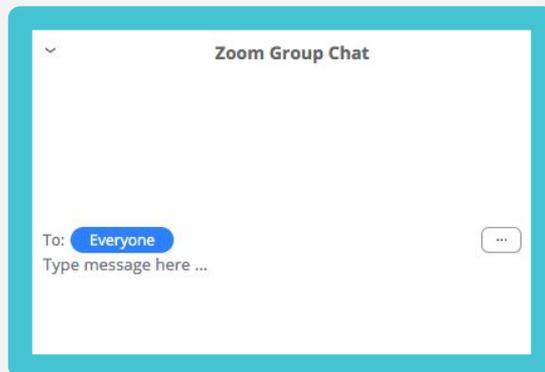
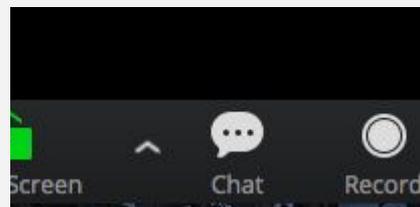


HOW TO: USE THE CHAT FUNCTION

Desktop version



Browser version





Cycle Highways Team

Cycle Highways Project Team

Evan Hammer - Project Manager & Infrastructure Planner

Giovanna Lanius-Pascuzzi -
Researcher and Project Assistant

Cody Gerow - GIS Specialist &
Statistical Analytics



Project Context

#UNGAPTHEMAP

bikehub.ca/ungapthemap



Vancouver

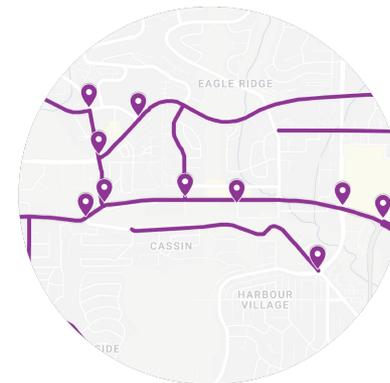
Surrey



Maple Ridge



Tri-Cities



+ all the municipalities across the region

TransLink's Major Bikeway Network

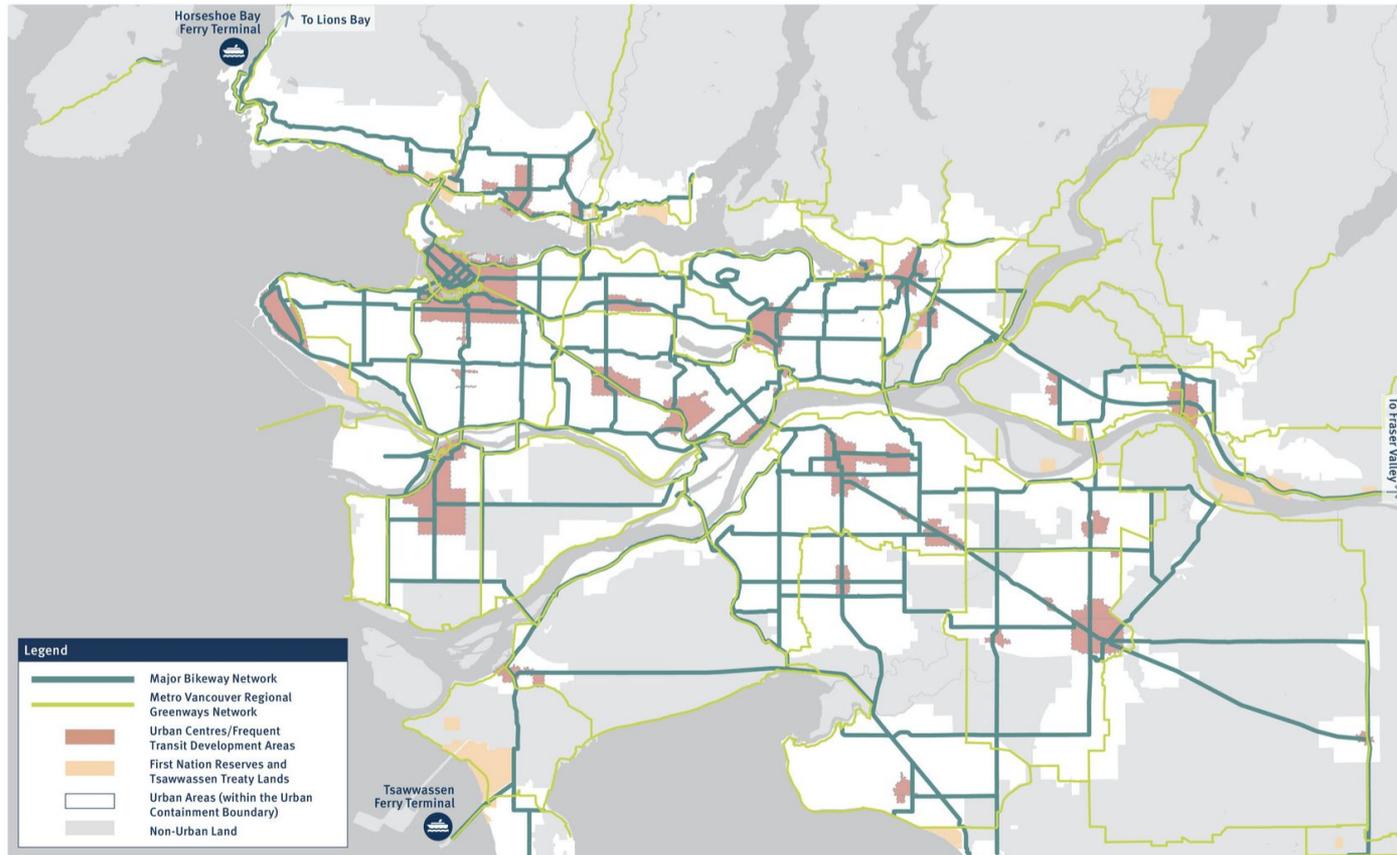


**Major
Bikeway
Network**



rated as “comfortable for most”

of traffic-protected bikeways





• Case for Cycle Highways in Metro Vancouver



Photo credit: Cycle Superhighways, Capital Region of Denmark

bikehub.ca

Case for Cycle Highways in Metro Vancouver

Overview



- Purpose of the Study
- What are cycle highways
- Context and Demand
- Benefits of Cycle Highways
- Case Study Takeaways
- Equity Analysis Outputs
- GIS Results
- Next Steps

Cycle Highways in Metro Vancouver

Purpose of the Study



- Benefits and Demand
- Key Learnings
- Potential Routes

Cycle Highways in Metro Vancouver

What are Cycle Highways?



[Instagram.com/copenhagensecrets](https://www.instagram.com/copenhagensecrets)

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Photo credit: Cycle Superhighways, Capital Region of Denmark

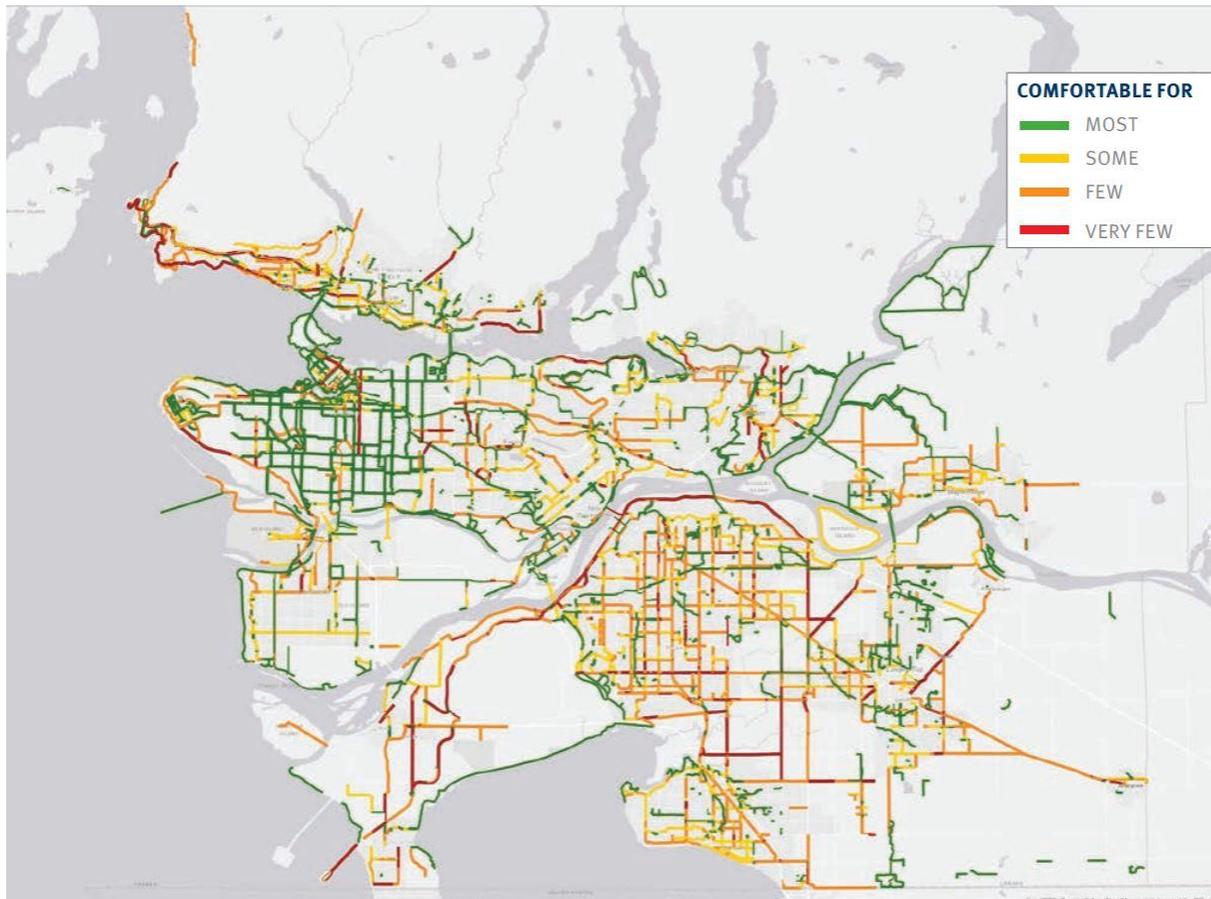
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Metro Vancouver Context

Context



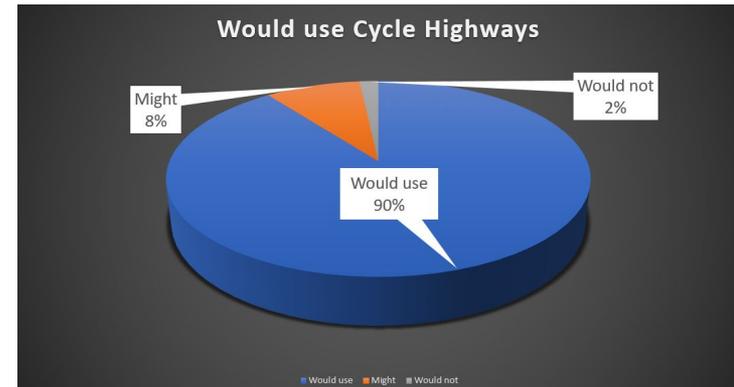
Current Cycling Conditions



Cycle Highways in Metro Vancouver

Context and Demand

41% of people in Metro Vancouver want to cycle more.



Cycle Highways in Metro Vancouver

Benefits of Cycle Highways



Cycle Highways in Metro Vancouver

Case Study Takeaways



Photo credit: BC Provincial Government

bikehub.ca



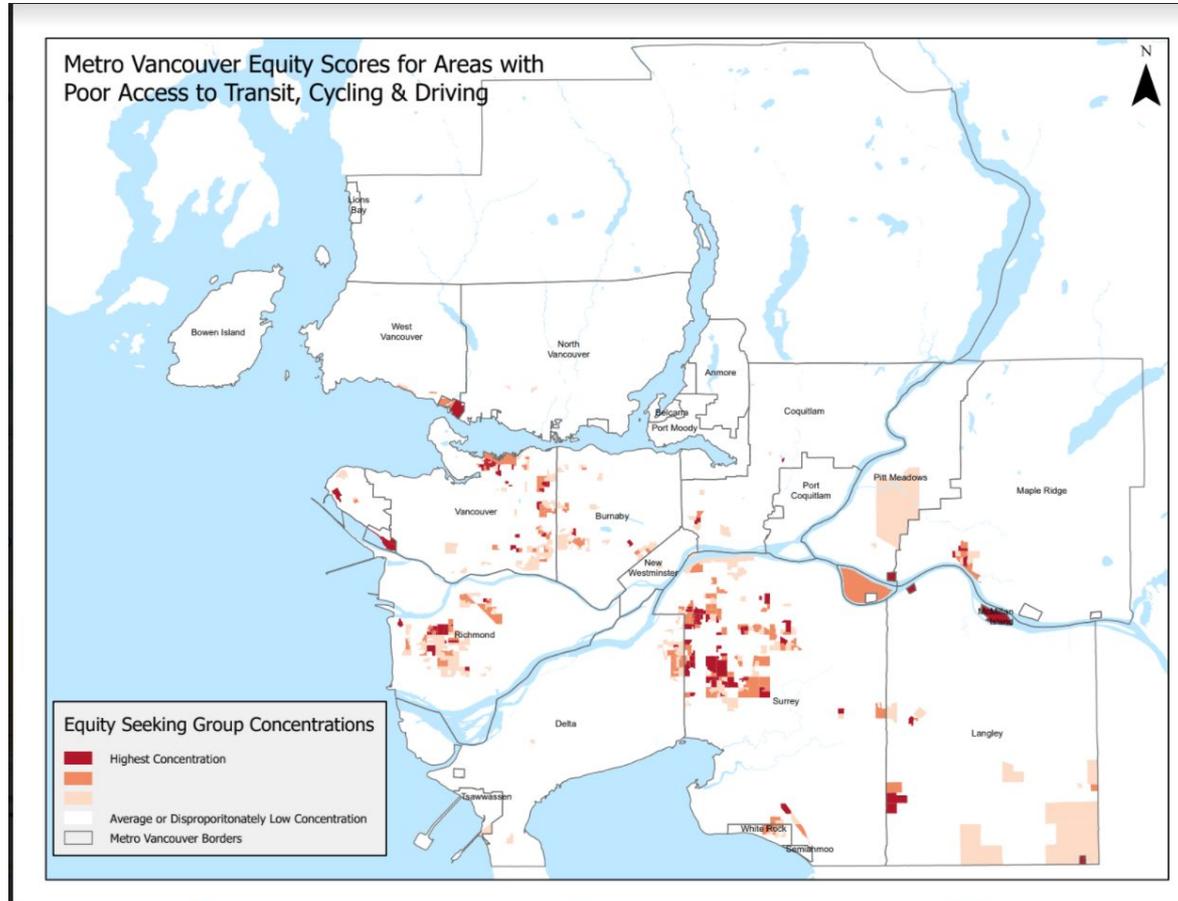
Photo credit: Dutch
Cycling Embassy

bikehub.ca

Equity Analysis



Equity Analysis - Social and Spatial Equity Combined



GIS Analysis

Existing routes

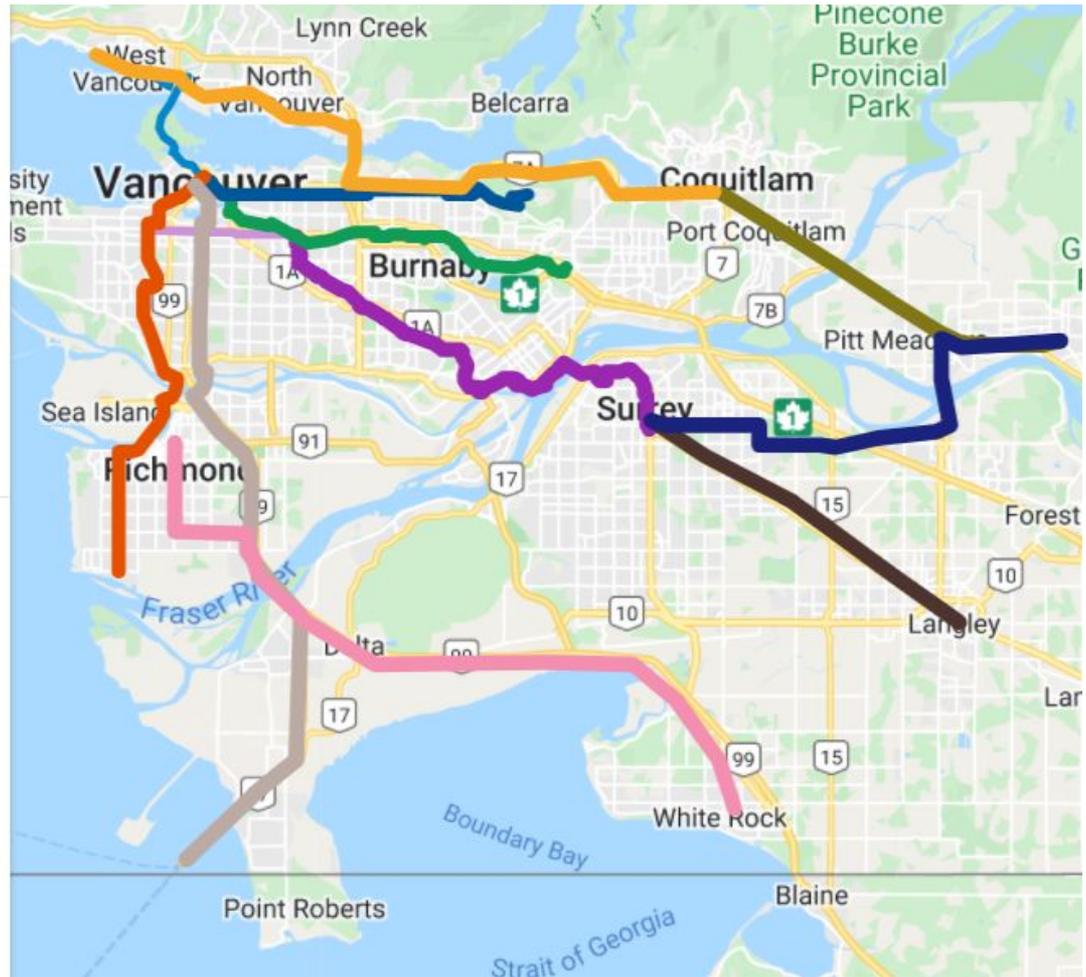
 Individual styles

-  Route 1 - BC Parkway
-  Route 1 - Extension
-  Route 2 - Central Valley Greenway
-  Route 3 - Adanac & FUB
-  Route 3 - Extension
-  Route 4 - Vancouver to Steveston

Corridors

 Individual styles

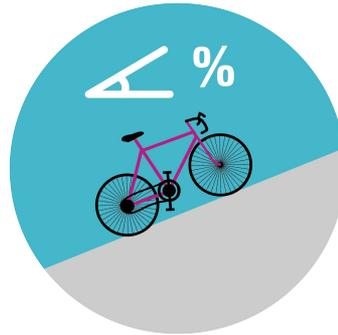
-  Corridor 1 - Downtown to Tsawwassen
-  Corridor 2 - Coquitlam to Maple Ridge
-  Corridor 3 - Tri-Cities to North Delta
-  Corridor 4 - Surrey to Langley
-  Corridor 5 - Surrey to Maple Ridge
-  Corridor 6 - White Rock to Richmond



GIS Analysis - Criteria



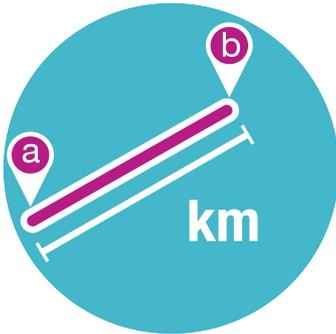
Major Destinations



Minimal Slope



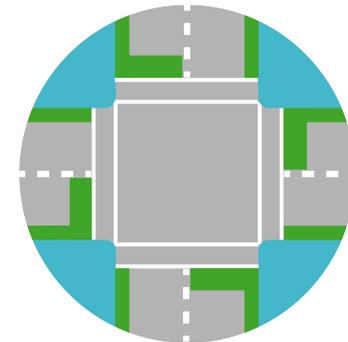
Direct



5+ km long



Road type & Speed

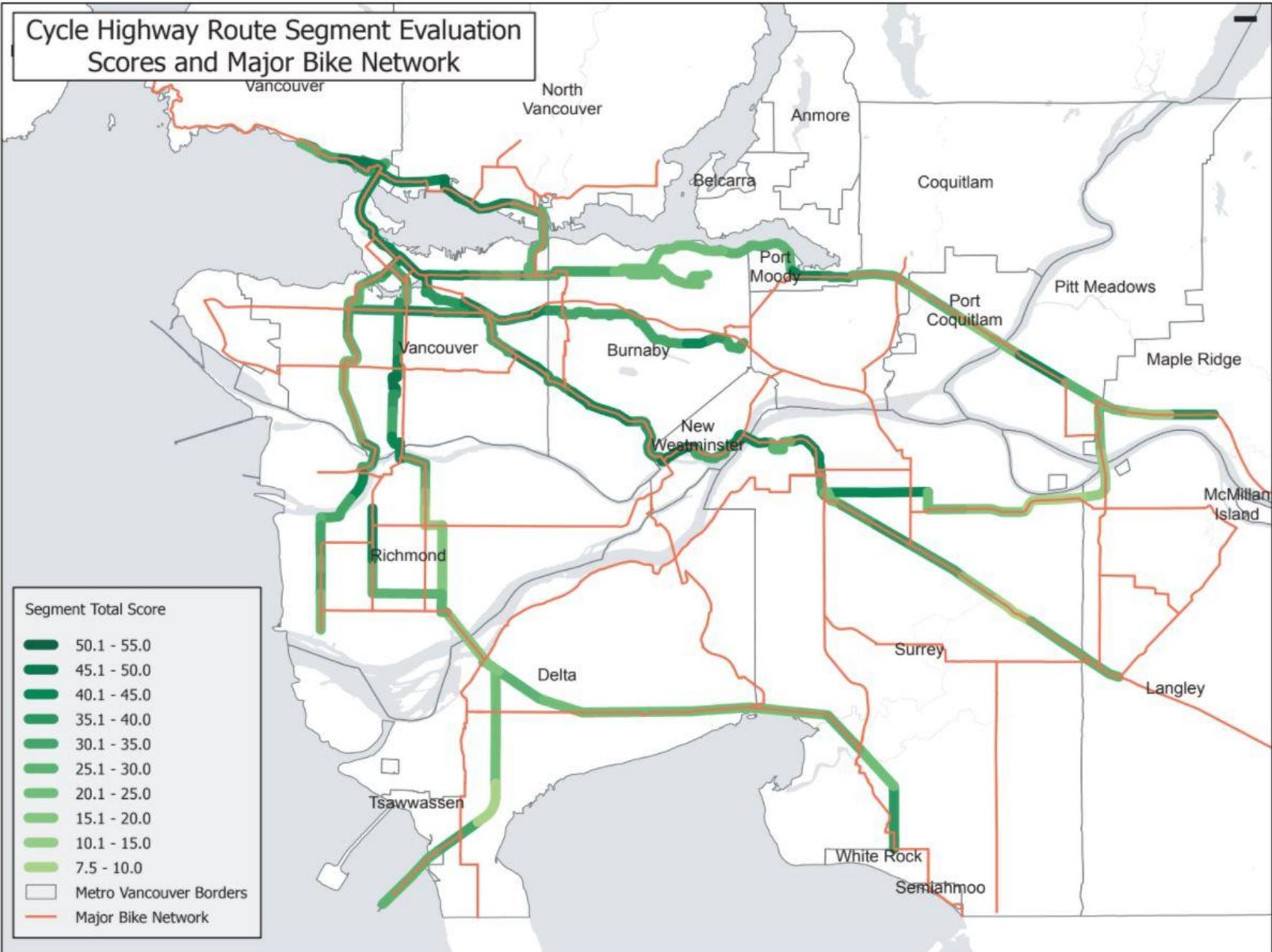


Priority Intersections

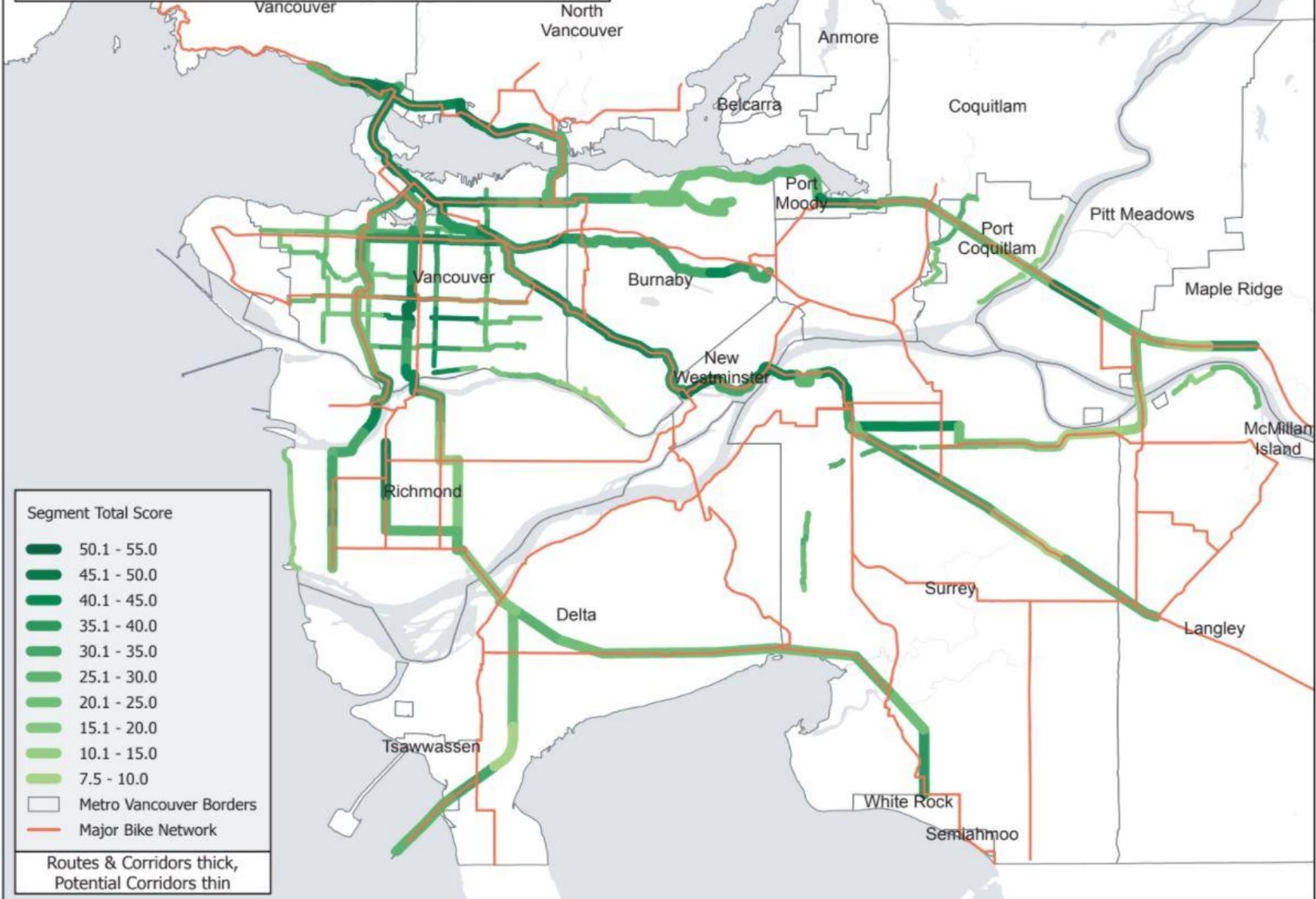
GIS Analysis

Name	Total Weighted Score	% of max score
Route 1 - BC Parkway + Extension	38.9	58.5%
Route 1 - BC Parkway	38.8	58.4%
Route 2 - Central Valley Greenway	37.1	55.7%
Route 3 - Adanac & FUB + Extension	35.0	52.6%
Corridor 3 - Tri-Cities to North Shore	33.0	49.7%
Route 3 - Adanac & FUB	32.3	48.5%
Route 4 - Vancouver to Steveston	30.1	45.3%
Corridor 2 - Coquitlam to Maple Ridge	27.7	41.6%
Corridor 6 - White Rock to Richmond	26.6	40.1%
Corridor 4 - Surrey to Langley	26.6	39.9%
Corridor 1 - Downtown to Tsawwassen	26.3	39.6%
Corridor 5 - Surrey to Maple Ridge	24.2	36.4%

Cycle Highway Route Segment Evaluation Scores and Major Bike Network



Cycle Highway Route & Corridor Segment Evaluation Scores and Major Bike Network



Cycle Highways in Metro Vancouver

Next Steps



- Release final report
- Discuss with decision-makers
- Start building a cycle highway!

Cycle Highways and LC Advocacy

- Very early stages
- Making it part of the conversation regionally
- Identifying key corridors that can be easily converted through unified signage, branding

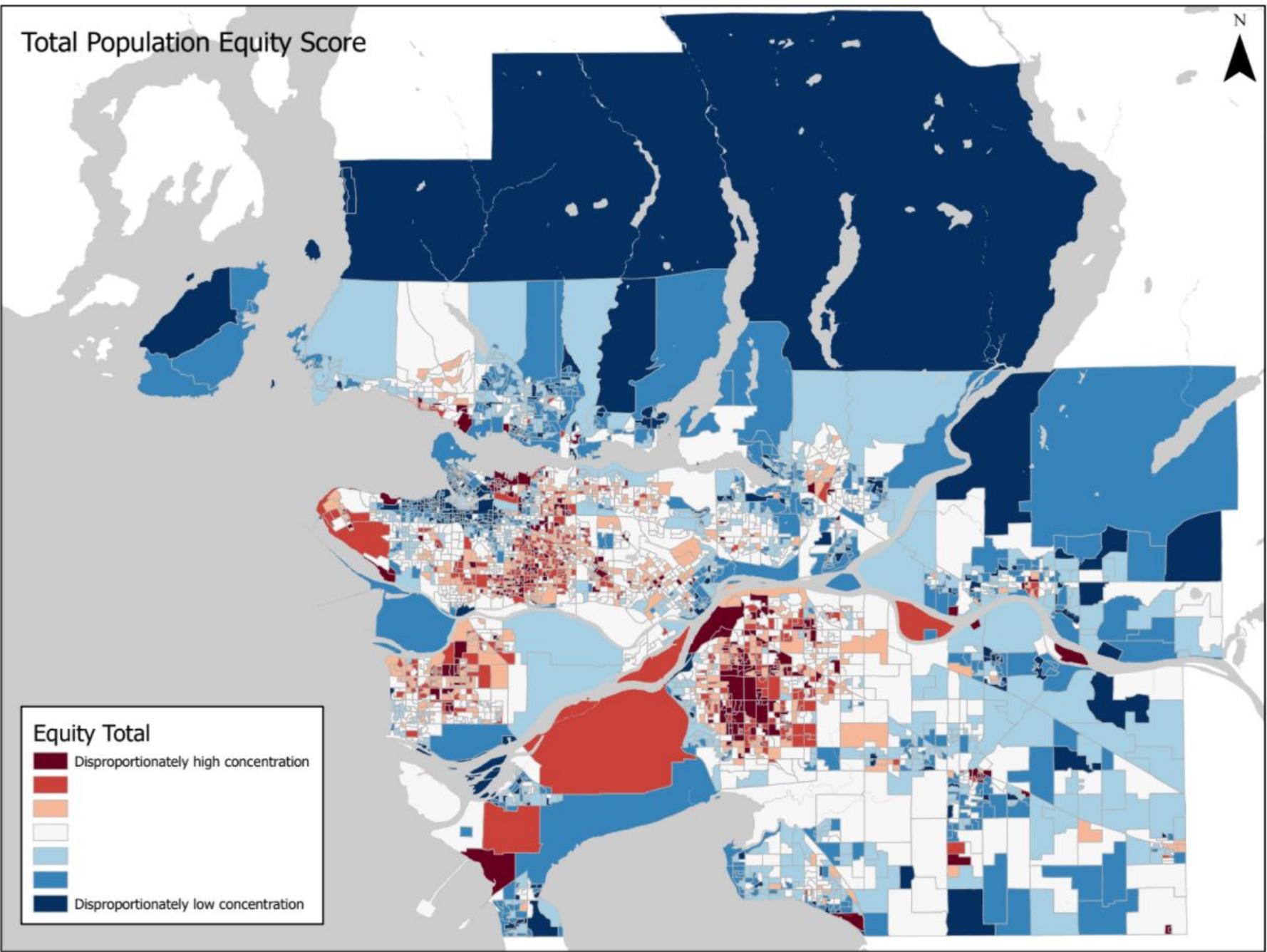
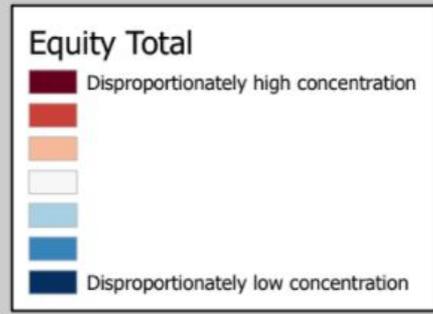


Question + Answer



Thank you!

Total Population Equity Score



GIS Ratings

Ranking (by weight)	Criteria	Max possible points	Weight
1	Major Destinations - Total	140	30%
	Residential Density	15	
	Employment/Education/Amenities	60	
	Transportation	50	
	Equity	15	
2	Gradient	30	25%
3	Reduced Intersections	30	15%
4 (tie)	Road Type and Posted Speed	35	10%
4 (tie)	Direct	30	10%
4 (tie)	Length	30	10%
Total		295	100%