



Broadway Plan Streets and Public Realm Workshop

Monday, December 2, 2019 | City Hall





Welcome!



Today's Outline



1. Introductions + Background (20 min)
2. Exercise #1: Mapping How We Experience Space and Travel (30 min)
3. Presentation: What's Working Well, What Needs Attention, and Draft Objectives (20 min)
4. Dinner Break and Display Boards (30 min)
5. Exercise #2: Vision for the Future (60 min)
6. Report Back (10 min)
7. Closing and Next steps (5 min)

A wide-angle photograph of the Vancouver city skyline, showing numerous high-rise buildings, construction cranes, and the Vancouver Tower in the background, with mountains visible in the distance.

Vancouver is growing, and it's growing fast. It is more important now than ever that the city continue to foster Public Life with:

- Invitations to spend time in the public realm all year-round, for all Vancouverites.
- Opportunities to connect and socialize with each other.
- A public realm that supports everyday life experiences, not just events.
- Opportunities for Vancouverites to shape their public realm and actively participate.

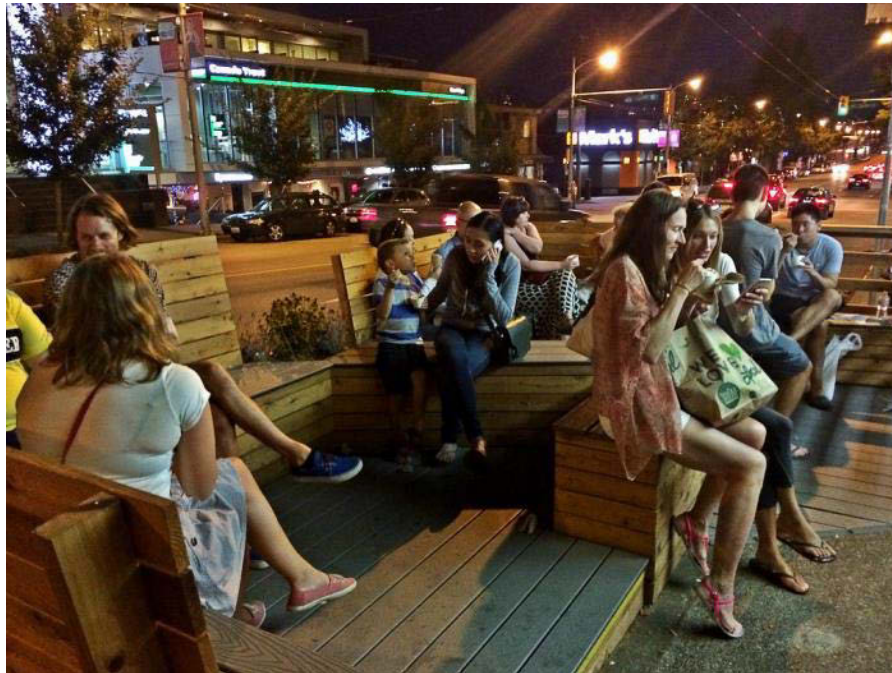
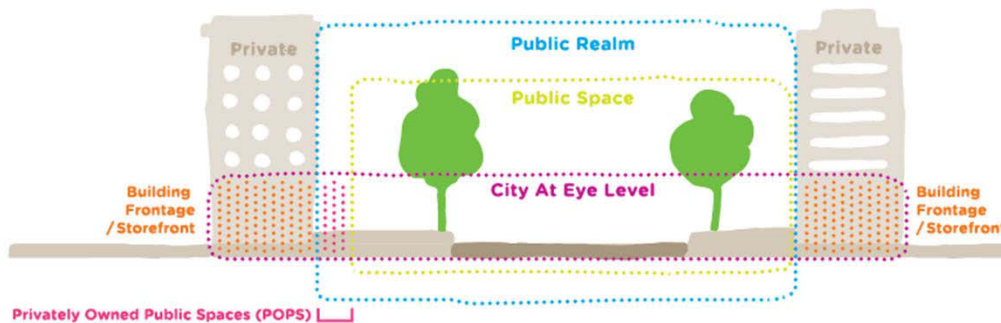


Photo credit: Daniel Maldoff (Flickr)

PUBLIC LIFE

Public Life is the shared experience of the city created by people when they live their lives outside of their homes, workplaces and cars. It is the everyday life that unfolds in streets, plazas, parks, and spaces between buildings.



PUBLIC SPACE

Public Spaces are all places publicly owned or of public use, accessible and enjoyable by all for free and without a profit motive.



Photo credit: Paul Krueger (Flickr)

Why Public Life Matters



The high quality of life that we enjoy is very much interconnected with public space and public life; successful public spaces and public life promotes civic agency, fosters health and sustainability, supports local business, builds social capital, and connects people to their local communities.

Study Area



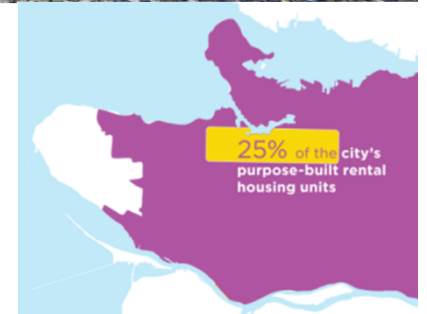
- Broadway Plan provides an opportunity to coordinate transit-supportive **land use, housing, jobs, transportation improvements, public space design, and amenities** with the future Broadway Subway
- Study area is generally from Clark Drive to Vine Street, between 1st Avenue and 16th Avenue

Broadway Plan: Study Area



Quick Facts:

- 2nd largest employment area in the province
- 84,400+ jobs (20% of city)
- 78,000+ people (12% of city)
- 42% of units are rental housing (<1% vacancy rate)



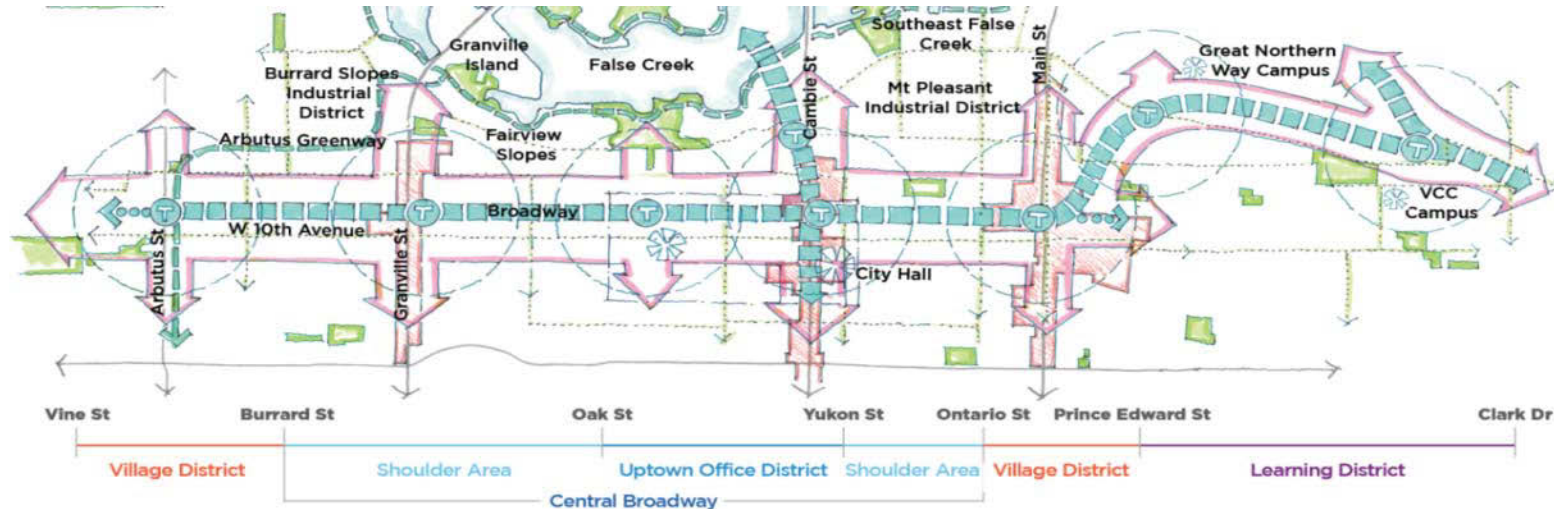
Broadway Plan: Council Direction



On June 20, 2018, Council put in place:

1. **Terms of Reference** for the Broadway Planning Program
2. **Interim Rezoning Policy** during the planning process
3. **Development Contribution Expectation** to limit speculation in the study area

Key Objectives of the Plan



- Create **additional housing** (esp. rental/non-market) close to transit
- Increase the amount of **job space** within Central Broadway
- Enhance **commercial shopping streets** and **local business** opportunities
- Improve the **transportation network, public spaces, and gathering** opportunities
- Secure additional **public benefits and amenities**
- Ensure planning process **maximizes community benefits** by integrating different planning disciplines

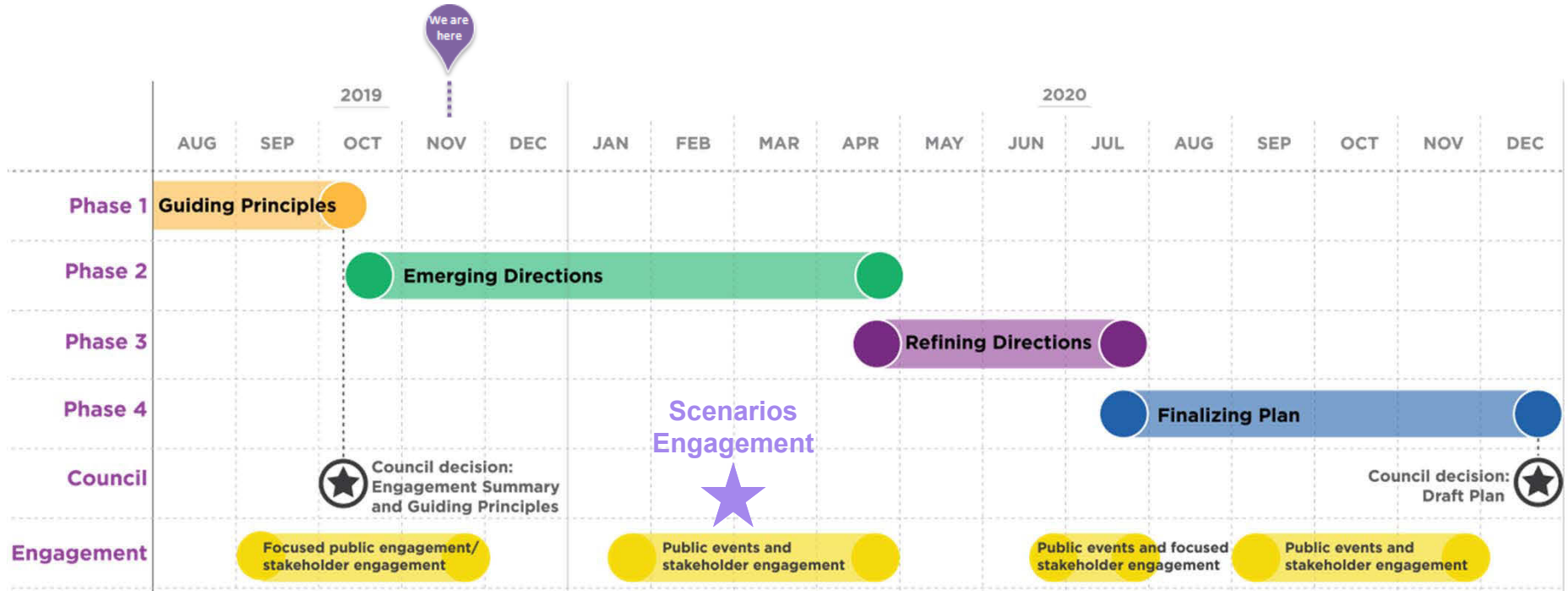
Guiding Principles



Endorsed by City Council:

- Support **affordable, diverse, equitable and inclusive** complete neighbourhoods
- Support **Reconciliation with First Nations and urban Indigenous peoples**
- Foster a **robust and diverse economy**
- Demonstrate leadership **in sustainability and resilience**
- Encourage **contextual design**
- Recognize and enhance the area's **distinctive neighbourhoods and places**
- Enhance Broadway as a **Great Street**
- Provide and support **healthy transportation options**
- Create and enhance **parks and public spaces**

Planning Phases and Products



Broadway Plan:

Land Use | Urban Design | Housing | Jobs | Parks & Public Spaces
 Heritage | Arts & Culture | Transportation | Utilities | Public Benefits

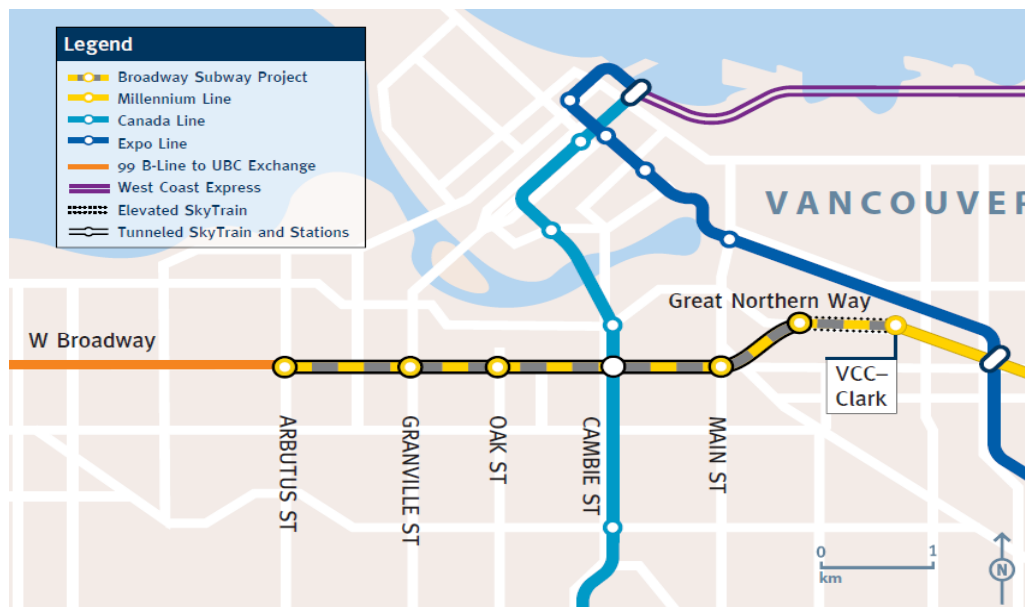
Rapid Transit Along Broadway



- Broadway is home to the:
 - **Busiest bus route** in Canada and the USA
 - **Largest hospital** in Western Canada
 - **Largest university** in Western Canada
 - **Second largest job centre** in BC
- Metro Vancouver to grow by 1 million new residents and 600,000 new jobs over the next 30 years
- Rapid transit to UBC has been prioritized and will be delivered in two phases:
 - Broadway Subway Project to Arbutus underway
 - Planning for Arbutus to UBC SkyTrain



Broadway Subway Project (to Arbutus)



- 6 km extension, primarily tunneled below Broadway
- 6 underground stations
- Full underground integration with Broadway – City Hall Canada Line station
- Designed to accommodate future rapid transit to UBC
- Construction 2020–2025

Foundation for Streets and Public Realm: City Policies

CLIMATE EMERGENCY RESPONSE
vancouver.ca/climateemergency

DOING OUR PART TO RESPOND TO THE CLIMATE EMERGENCY

400+ CITIES GLOBALLY
Vancouver joins hundreds of cities around the world in declaring a climate emergency.

THE WORLD IS ON TRACK FOR 3°C WARMING.
To avoid catastrophic climate change, we must limit warming to 1.5°C. This requires slashing GHG emissions by 45% below 2010 levels by 2030 and reaching net zero by 2050.

VANCOUVER'S RESPONSE

6 BIG MOVES

- WALKABLE COMPLETE COMMUNITIES**
By 2030, 90% of people live within an easy walk/roll of their daily needs.
- SAFE & CONVENIENT ACTIVE TRANSPORTATION AND TRANSIT**
By 2030, 2/3 of trips in Vancouver will be by active transportation and transit.
- POLLUTION-FREE CARS, TRUCKS AND BUSES**
By 2030, 50% of the kms driven on our roads will be by zero emissions vehicles.
- ZERO EMISSIONS SPACE AND WATER HEATING**
By 2025, all new & replacement heating & hot water systems will be zero emissions.
- LOWER CARBON CONSTRUCTION**
By 2030, the embodied emissions from new buildings and construction projects will be reduced by 40% compared to a 2018 baseline.
- RESTORED FORESTS AND COAST**
By fall 2020, to develop "negative emission" targets that can be achieved by restoring forest and coastal ecosystems.

+53 ACCELERATED ACTIONS

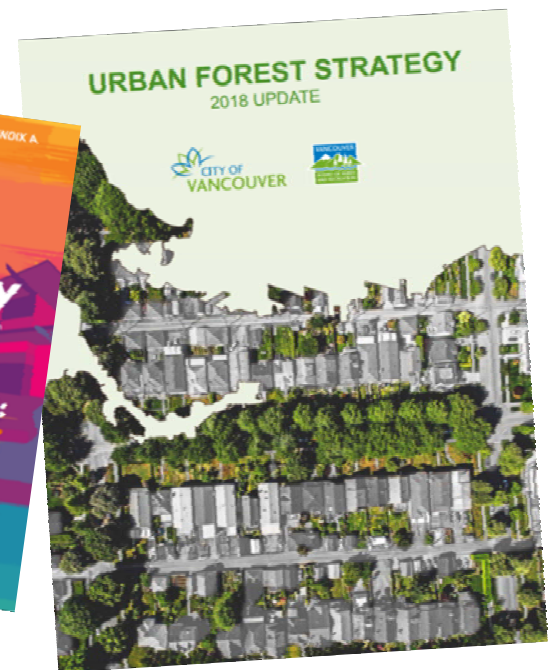
CLIMATE ACTION IS FOR EVERYONE
We're forming an Equity Working Group to ensure that equity has a central place in the City's climate emergency and sustainability work.

NEXT COUNCIL MILESTONES

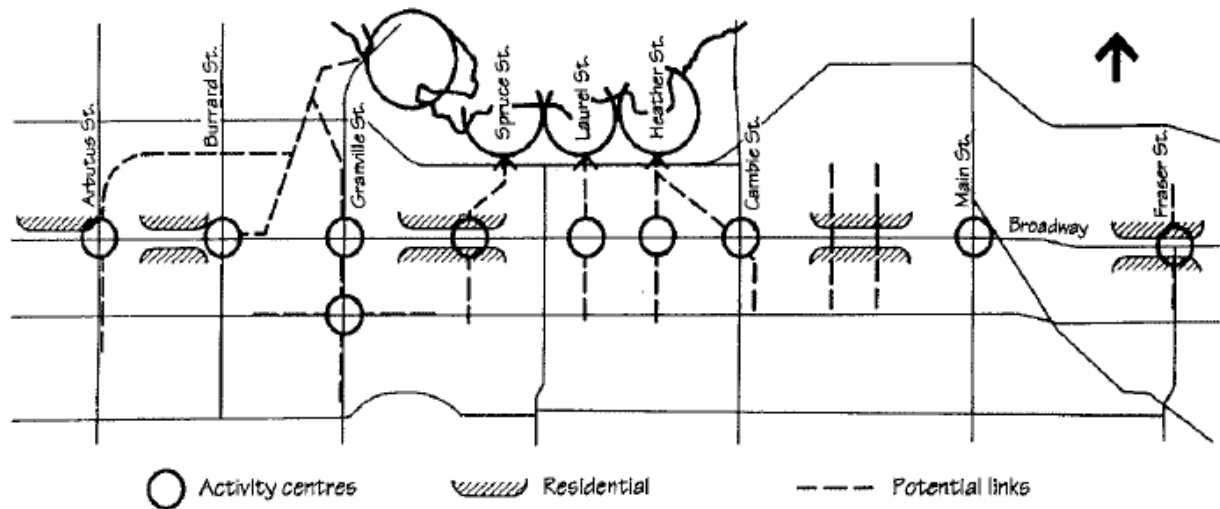
- 2019: Climate Emergency Report
- 2020: 2020 Budget Process - Accelerated Actions
- 2020: Accelerated Action Report Back
- 2021: Strategies for Six Big Moves



Foundation for Streets and Public Realm: City Policies



Foundation for Streets and Public Realm: C-3A Guidelines



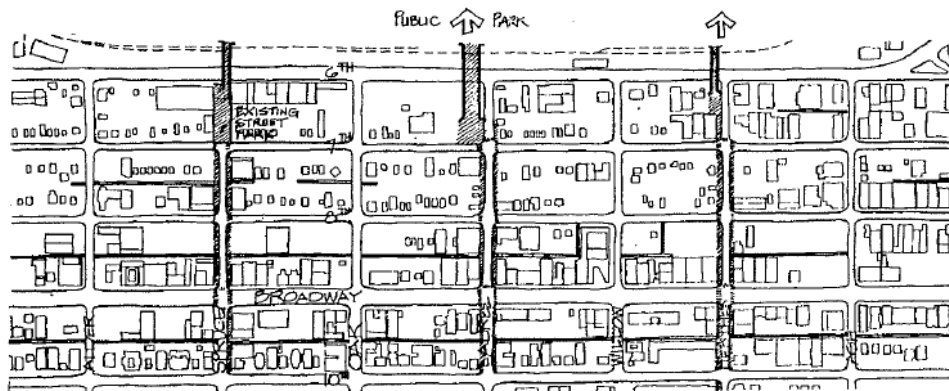
Nodes of activity
Community links
Physical patterns
Gateways to the inner city
Topography and views

Street trees and landscaping
Lighting
Local area traffic, parking, lanes
Usable open space
Building character

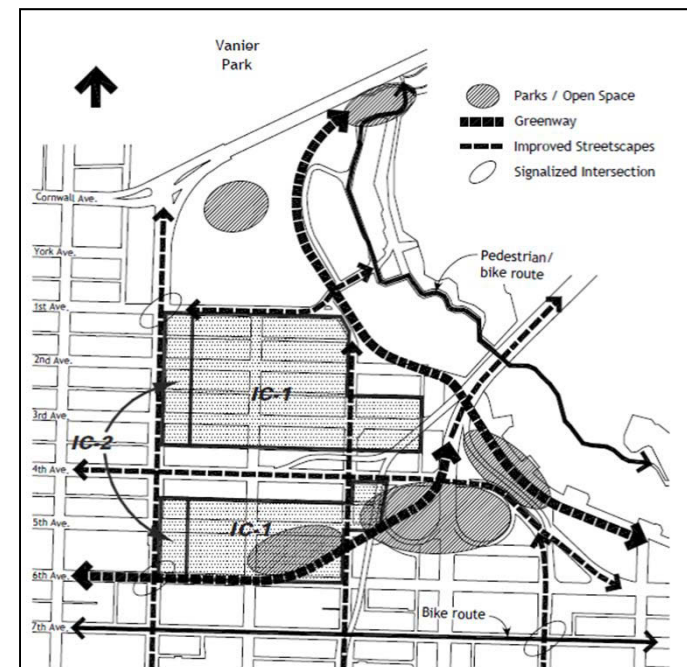
C-3A Guidelines – Fairview and Burrard Slopes

False Creek Connection

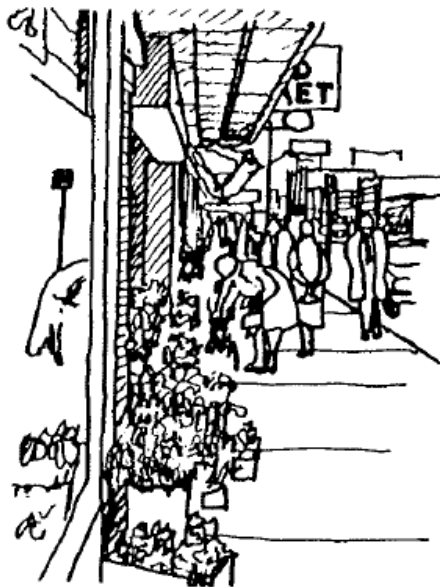
- Develop Heather, Laurel, and Spruce Street as major pedestrian ways between Broadway and False Creek Community
- Landscaped pathways, street closures/linear park and bridges to be explored over 6th Ave.



Burrard Slopes Greenway and Open Space Concept



C-3A Guidelines – South Granville Area



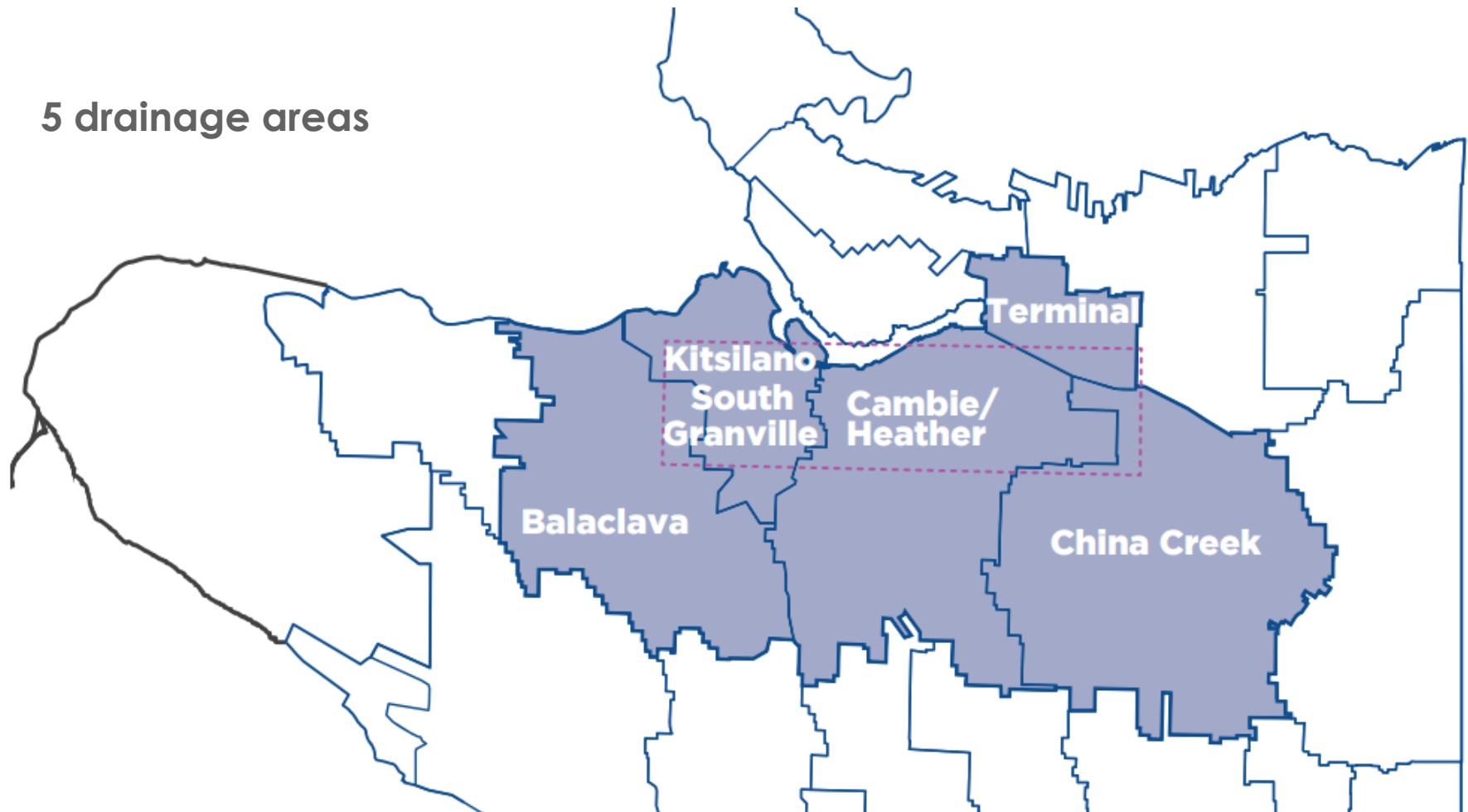
Shopping Streets

- Diversity of ground-level small businesses

Corner Locations

- Places for gather – e.g. restaurants, cafes, groceries, public libraries

5 drainage areas



Foundation for Streets and Public Realm: One Water Approach 

A scenic photograph of a park during autumn. The foreground shows a paved walkway with long shadows cast by trees. To the left, there's a grassy area with trees displaying vibrant orange and yellow foliage. A person is seen riding a bicycle on a path. In the background, a body of water is visible with several sailboats. The sky is clear and blue.

THE PARADIGM SHIFT

PLAN
DESIGN
ENGINEER } WITH NATURE



absorbent
landscape



blue-
green
roofs



rainwater
harvesting



rainwater
tree
trenches



permeable
pavement

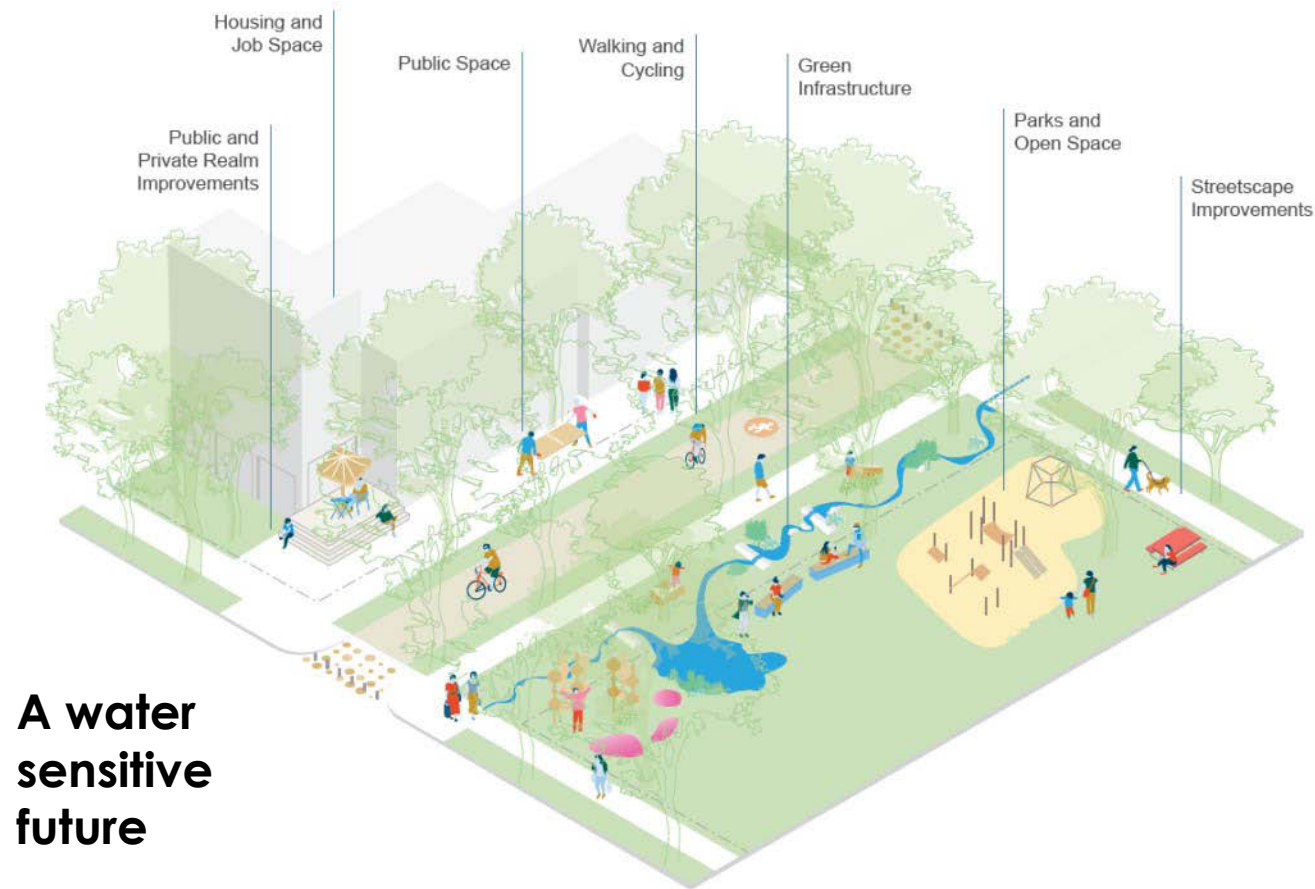


wetland



bioswale

Foundation for Streets and Public Realm: One Water Approach



**A water
sensitive
future**

REPORT 3: STRATEGIC BOLD MOVES

EQUITY

TOOL: INITIATIVE ZONES

ASSET NEEDS

TOOL: ASSET TARGETS

CONNECTIVITY

TOOL: CITYWIDE PARKS + RECREATION NETWORK

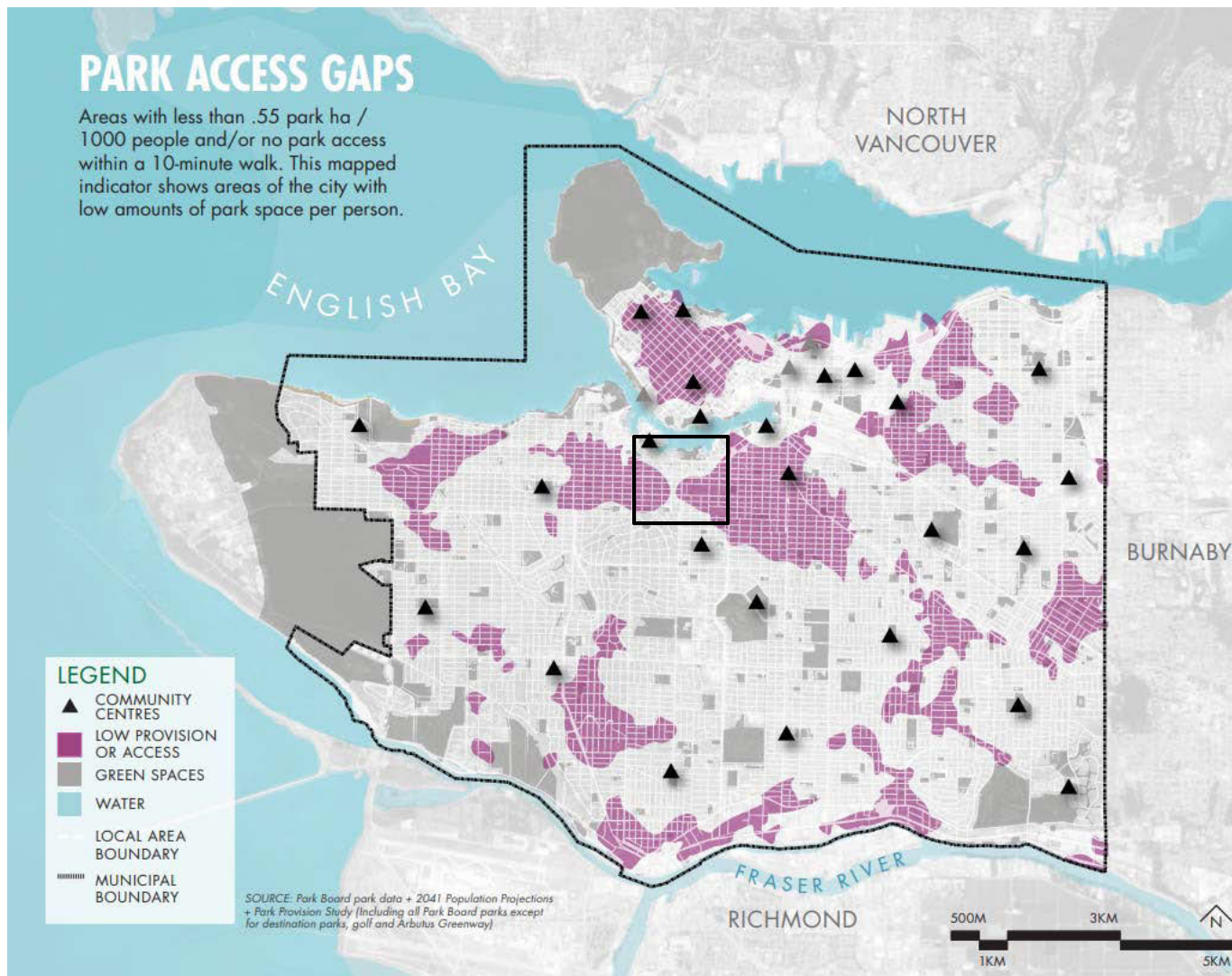
PARK ACCESS GAPS

Areas with less than .55 park ha / 1000 people and/or no park access within a 10-minute walk. This mapped indicator shows areas of the city with low amounts of park space per person.

LEGEND

- ▲ COMMUNITY CENTRES
- LOW PROVISION OR ACCESS
- GREEN SPACES
- WATER
- LOCAL AREA BOUNDARY
- MUNICIPAL BOUNDARY

SOURCE: Park Board park data + 2041 Population Projections
+ Park Provision Study (Including all Park Board parks except for destination parks, golf and Arbutus Greenway)



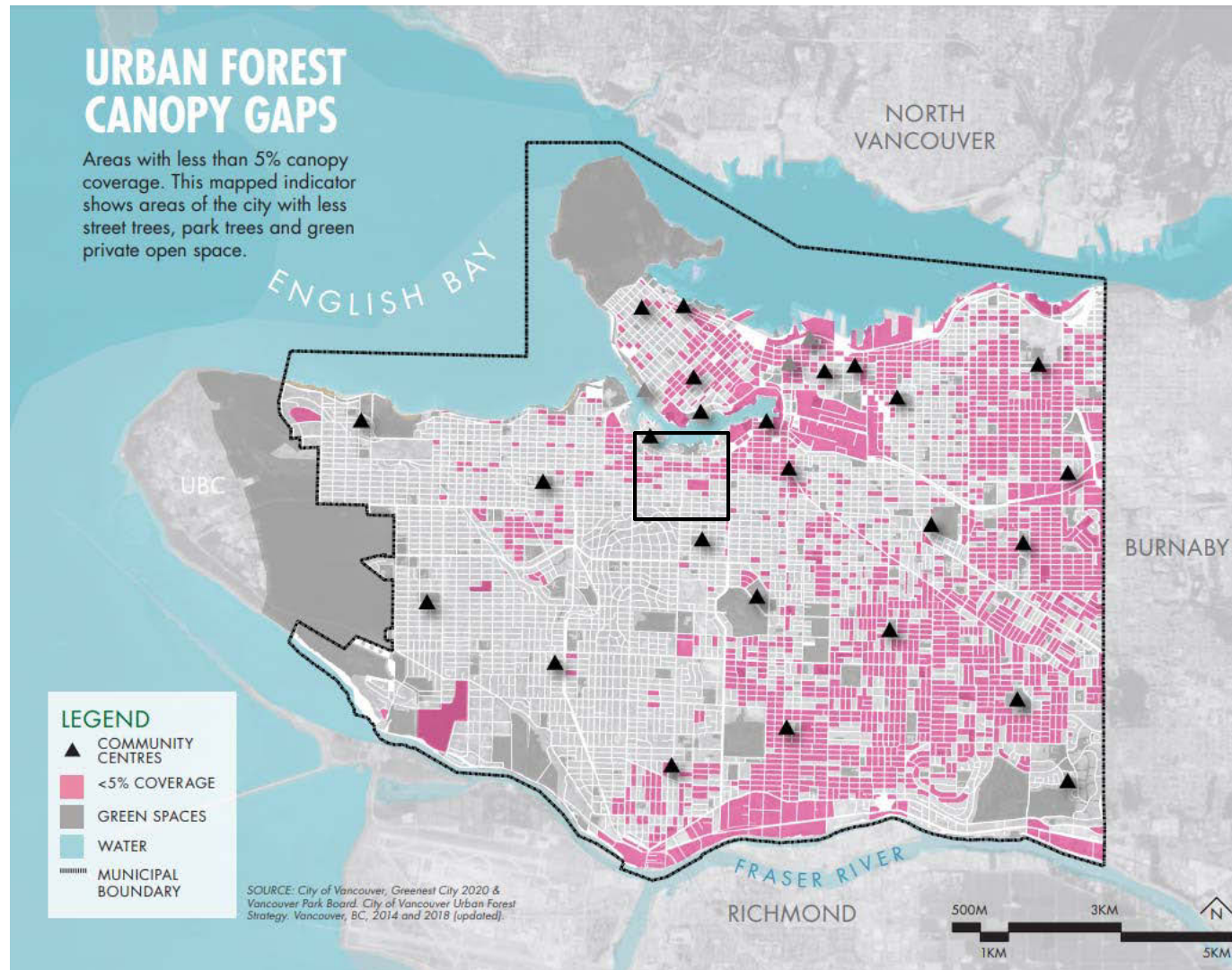
URBAN FOREST CANOPY GAPS

Areas with less than 5% canopy coverage. This mapped indicator shows areas of the city with less street trees, park trees and green private open space.

LEGEND

- ▲ COMMUNITY CENTRES
- <5% COVERAGE
- GREEN SPACES
- WATER
- MUNICIPAL BOUNDARY

SOURCE: City of Vancouver, Greenest City 2020 & Vancouver Park Board, City of Vancouver Urban Forest Strategy, Vancouver, BC, 2014 and 2018 (updated).



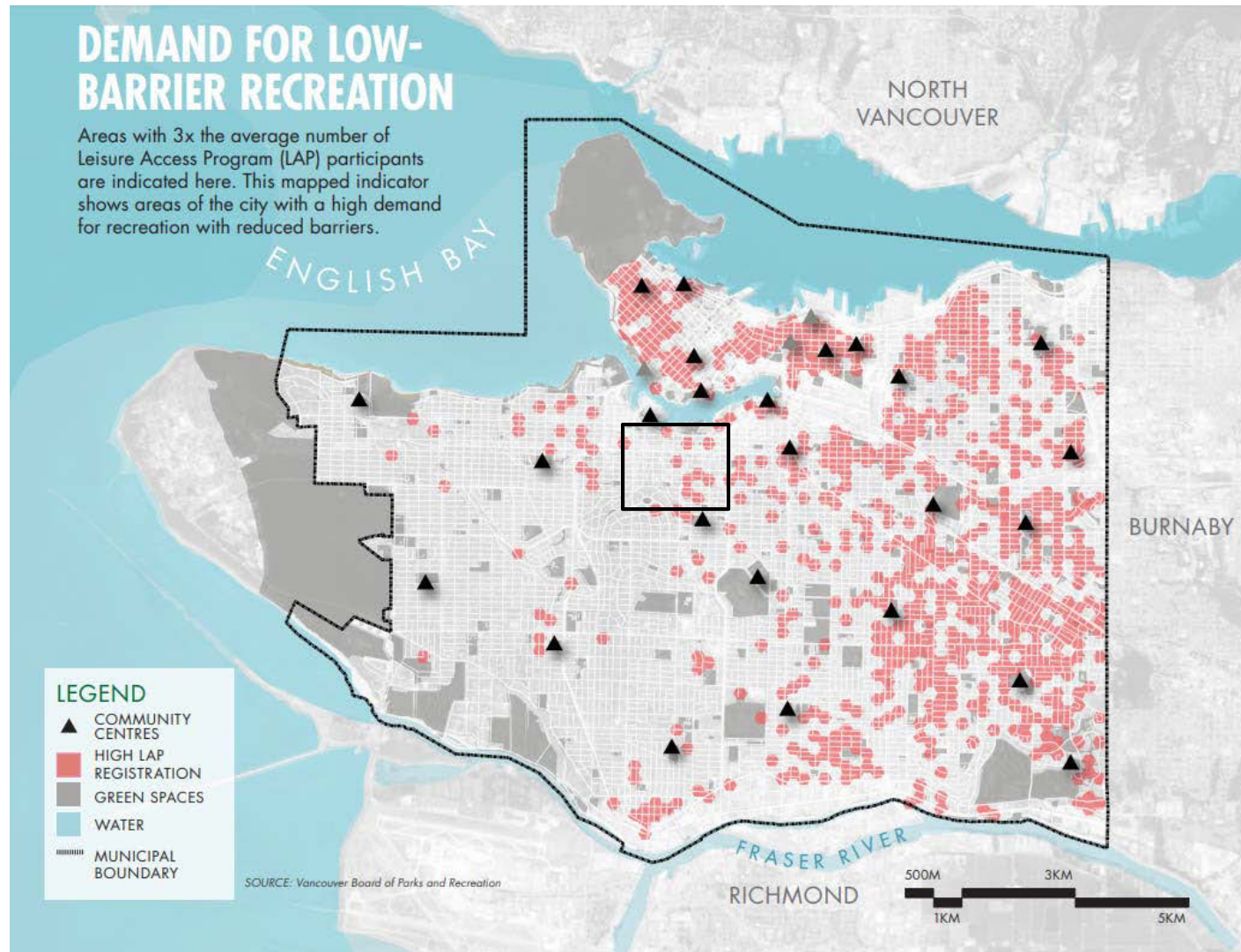
DEMAND FOR LOW-BARRIER RECREATION

Areas with 3x the average number of Leisure Access Program (LAP) participants are indicated here. This mapped indicator shows areas of the city with a high demand for recreation with reduced barriers.

LEGEND

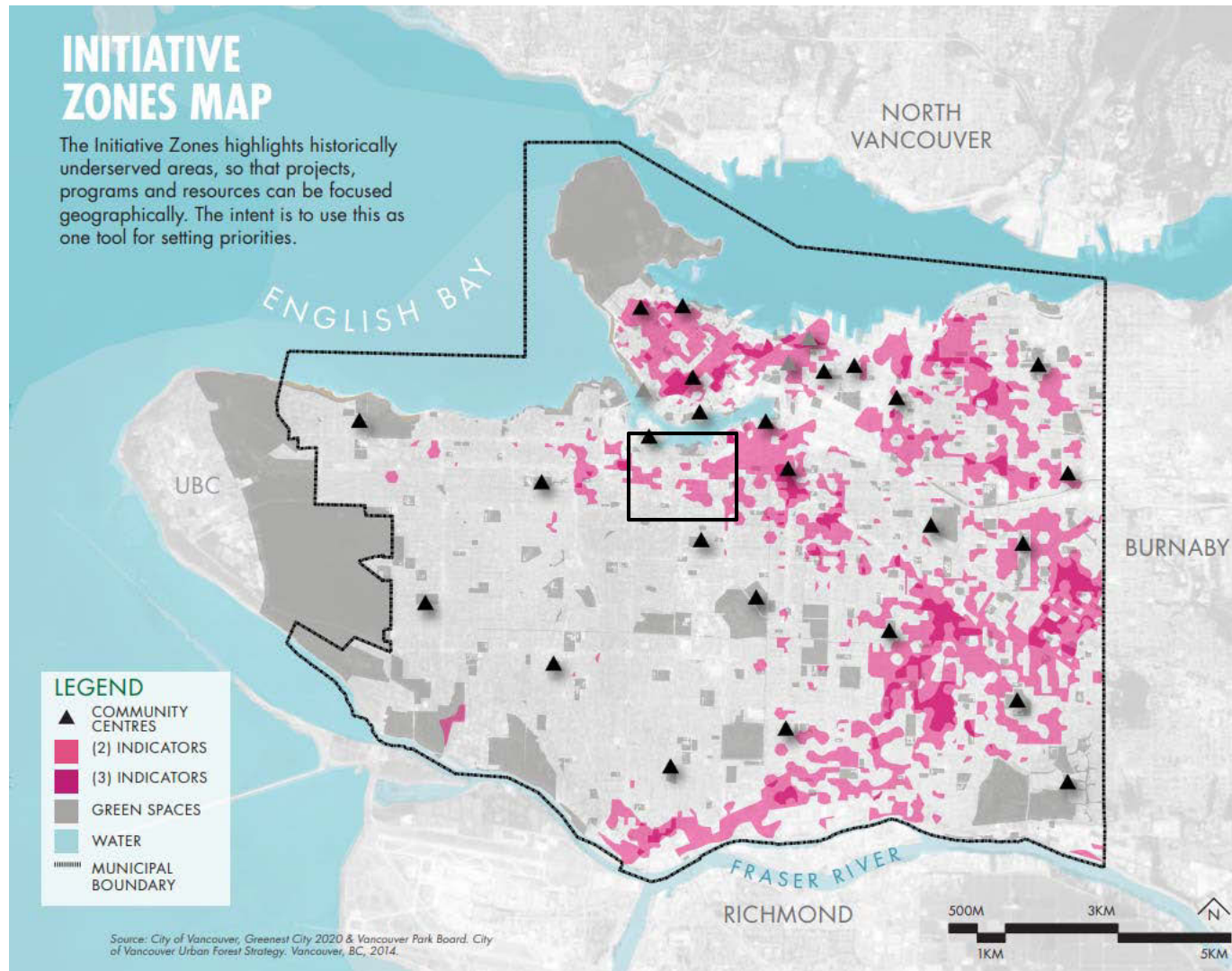
- ▲ COMMUNITY CENTRES
- HIGH LAP REGISTRATION
- GREEN SPACES
- WATER
- MUNICIPAL BOUNDARY

SOURCE: Vancouver Board of Parks and Recreation

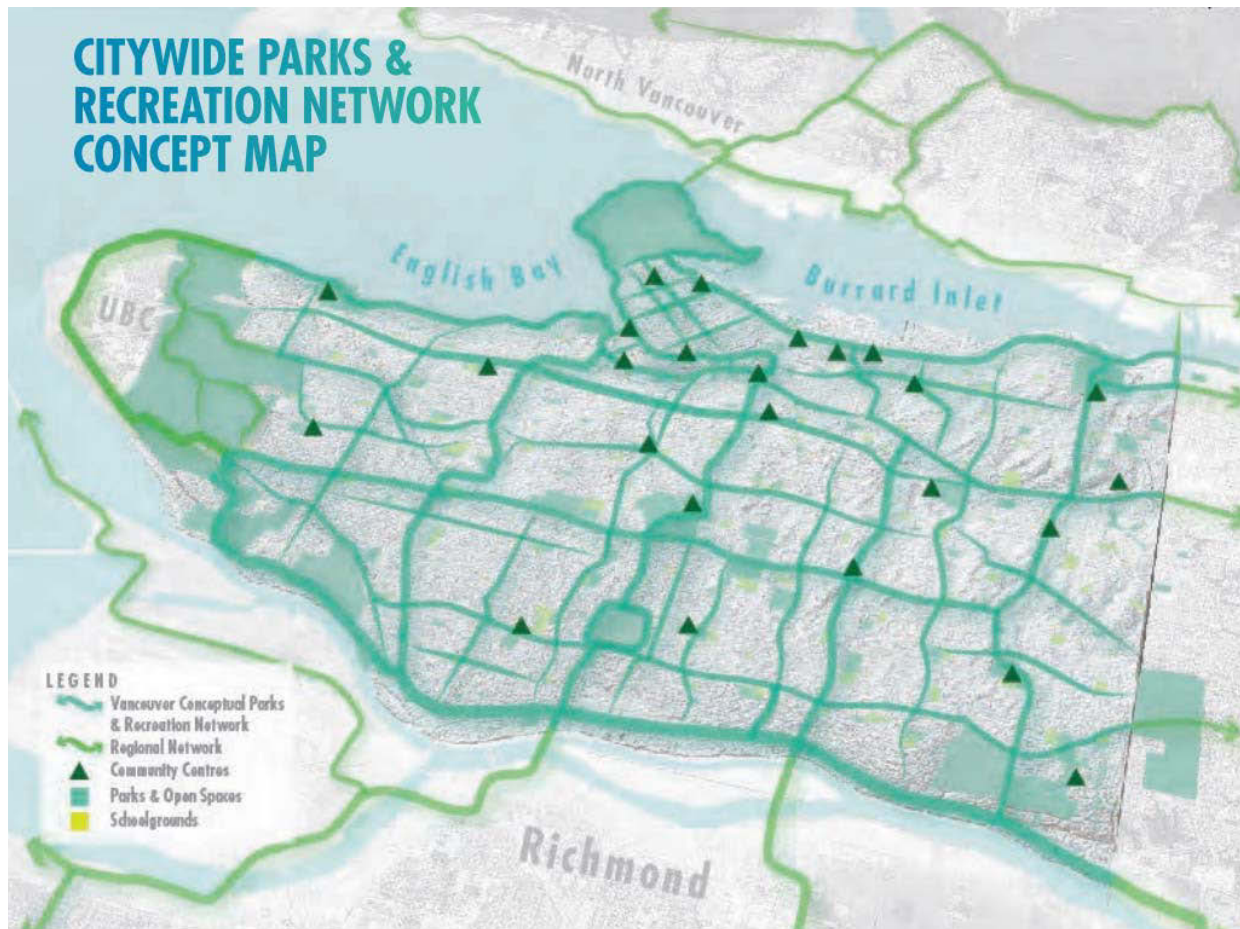


INITIATIVE ZONES MAP

The Initiative Zones highlights historically underserved areas, so that projects, programs and resources can be focused geographically. The intent is to use this as one tool for setting priorities.



Source: City of Vancouver, Greenest City 2020 & Vancouver Park Board. City of Vancouver Urban Forest Strategy. Vancouver, BC, 2014.



Parks Objectives:

- **Grow and renew parks, community centres and recreation assets** to keep pace with population growth, existing park deficiencies and evolving needs
- **Protect existing parks and recreation spaces** from loss, encroachment and densification
- **Create a green network** that will connect our parks, waterfront and recreation areas

Explore
visions and priorities
for transportation and the public realm
in Broadway Area and
Fairview Neighbourhood

Exercise #1: Mapping How We Experience Space and Travel

Mapping How We Experience Space and Travel



- Pre-workshop: Individual trip diary exercise
- Group mapping
 - Use the following colours to map out your trips:
 - Blue: Walking/rolling
 - Green: Cycling
 - Red: Transit
 - Orange: Driving

Mapping How We Experience Space and Travel



What is your current experience of the public life in the Broadway area?





What Works Well, What Needs Attention



Fairview – What Works Well



Enjoyable to walk around

- Many options to get around between homes, businesses, parks and open spaces and other daily needs – e.g. 10th Avenue bikeway and transit services
- Mature street trees that form a canopy above offering comfortable places to walk and enjoy
- South Granville Street offers a mix of shops, restaurants, cafes



Diversity of buildings and appealing views

- Range of design and building styles
- Sloped topography offers views to North Shore mountains



Regional importance

- Vancouver General Hospital and Vancouver City Hall form economic centre of Uptown

Fairview- What Needs Attention



- Difficult to access Granville Island
- Concerns about traffic and pedestrian safety
- Walkability should be enhanced, particularly on commercial streets
- Lack of all ages and abilities bike facilities
- Limited pick-up/drop-off space, accessible parking

"There is a lot of potential. It could be amazing."

Future Fairview

- Wide sidewalks for easy rolling and walking
- Diverse shops, local businesses
- Plazas, patios, places to gather
- Use nature to absorb extra rainwater
- Street trees and plantings



Future Fairview

- Many transportation options
- Bike parking
- Retain parking, accommodate cars as well as pedestrians
- Car-free or car-light areas
- Charging stations for electric vehicles





Draft Streets and Network Objectives for Broadway Area and Fairview



Draft Streets and Network Objectives



1. Prioritize a **safe, convenient, equitable, and enjoyable active transportation and transit experience** for people of **all ages and abilities**
 - **Related guiding principles:**
 - Demonstrate Leadership in **Sustainability and Resilience**
 - Support **Affordable, Diverse, Equitable and Inclusive** Complete Neighbourhoods
 - Enhance Broadway as a **Great Street**
 - Provide and Support **Healthy Transportation Options**

Draft Streets and Network Objectives



Examples:

- Wide, continuous sidewalks, and safe pedestrian crossings
- All ages and abilities cycling facilities that provide comfortable and direct access to key destinations



Draft Streets and Network Objectives



Examples:

- Curbside space that allows for different uses
 - E.g. Pick-up/drop-off spaces, loading spaces, transit stops, bicycle parking, accessible parking, rainwater management facilities
- Other pedestrian, cycling, and transit amenities
 - E.g. Weather protection, washrooms, lighting, transit priority, curb bulges/shorter crosswalks

Draft Streets and Network Objectives



2. Accommodate **people and goods movement to and from businesses** in the plan area and beyond.

- **Related guiding principles:**
 - Foster a **Robust Diverse Economy**
 - Provide and Support **Healthy Transportation Options**

Draft Streets and Network Objectives



Examples:

- Laneways that allow commercial vehicles to easily access businesses and load/unload goods
- Curbside space that allows for different uses
 - E.g. Pick-up/drop-off spaces, loading spaces, transit stops, bicycle parking, accessible parking, rainwater management facilities



Draft Streets and Network Objectives

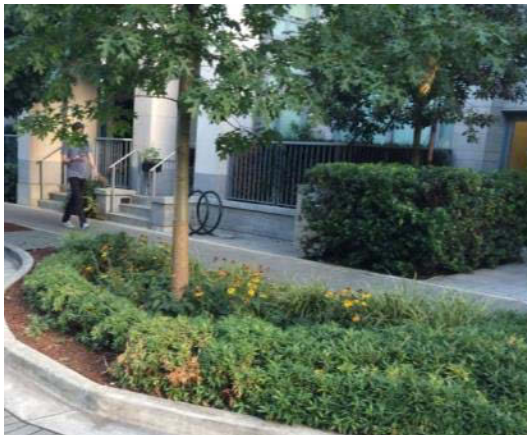


3. Create opportunities for enhanced, animated, equitable, diverse and programmable **public and gathering spaces**, and enable and encourage creative uses of the street to foster a **vibrant public life and to support local businesses**.

- **Related guiding principles:**

- Support **Affordable, Diverse, Equitable and Inclusive** Complete Neighbourhoods
- Enhance Broadway as a **Great Street**
- Recognize and Enhance the Area's **Distinctive Neighbourhoods and Places**
- Create and Enhance **Parks and Public Spaces**
- Support **Reconciliation with First Nations and Urban Indigenous Peoples**

Draft Streets and Network Objectives



Examples:

- Interactive art displays, plazas, parklets, and patios
- Street furniture and amenities such as benches and enhanced lighting
- Plantings and greenery

Draft Streets and Network Objectives



4. Increase the **street tree canopy** and enable connected **opportunities for integrated water management** to improve the local ecology and biodiversity, and enhance the experience of the streets.

- **Related guiding principles:**
 - Demonstrate Leadership in **Sustainability and Resilience**
 - Enhance Broadway as a **Great Street**
 - Create and Enhance **Parks and Public Spaces**
 - Support **Reconciliation with First Nations and Urban Indigenous Peoples**

Draft Streets and Network Objectives



Examples:

- Street trees that are adaptable and can withstand drought
- Rain gardens and other features to celebrate and increase awareness of the role of water in an urban area
- Large tree trenches to manage rainwater and maximize tree growth

Our Approach



- Develop context-specific design, no one-size-fits-all
- Use ideas and feedback from workshop to revise objectives and inform next phase of Broadway Planning process



Exercise #2: Vision for the Future



Visioning for the Future



Imagine that in 2050, the Broadway area as a whole and the Fairview neighbourhood has achieved our draft objectives and is now inclusive, vibrant and resilient.

- Re-imagine the trips you were making in the first exercise. what would those trips look like now?
- Public life in Fairview area:
 - Re-imagine the streets moving east west, what would the public life look like?
 - Re-imagine streets moving south- north, what would the public life look like?

Report Back



In one sentence...
describe what is your table's 2050 vision

Visioning for the Future



Each table has two facilitators – a table facilitator + graphic facilitator

Each table has a resource package with:

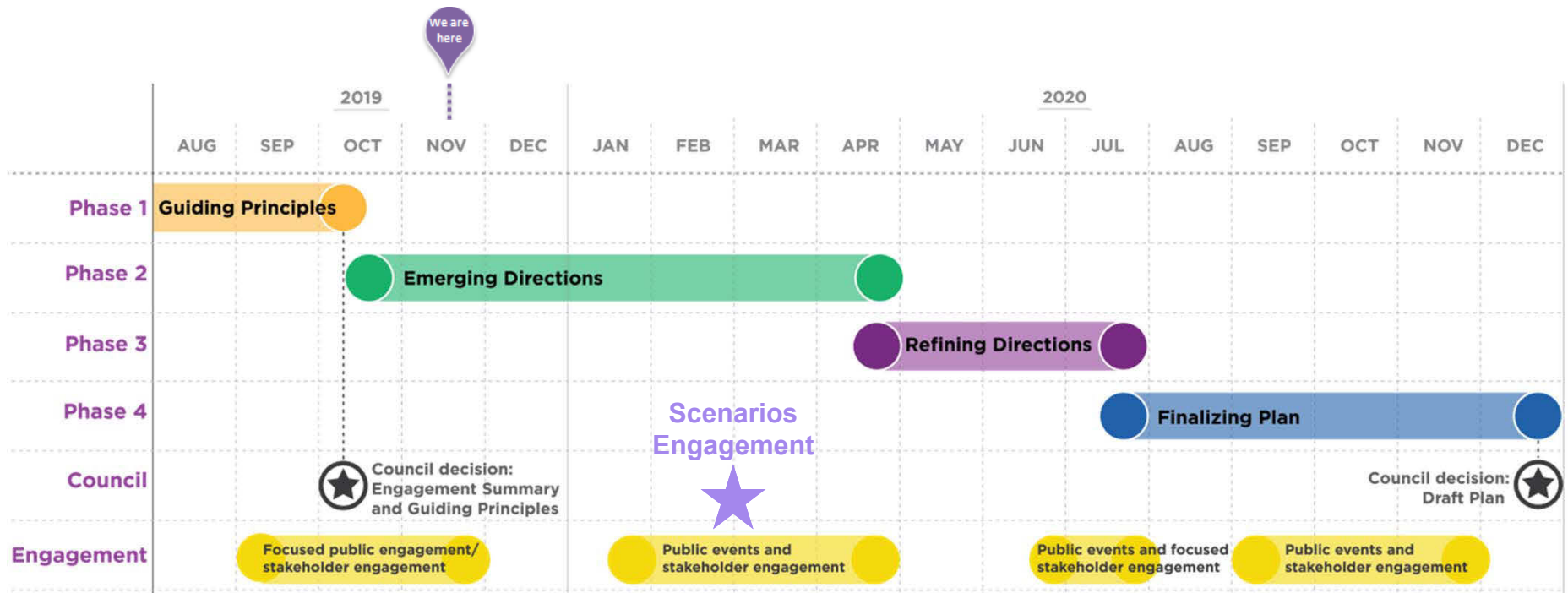
- Maps of current transportation system
- Photos of examples showing how our public space is or can be designed

Summary of Draft Streets and Network Objectives



1. Prioritize **safe, convenient, equitable, and enjoyable active transportation and transit experience** for all people
2. Accommodate people and goods movement to and from **businesses**
3. Create opportunities for **public and gathering spaces** to foster a **vibrant public life** and to **support local businesses**.
4. Increase **street tree canopy** and **integrated water management** opportunities.

Next Steps



Broadway Plan:

Land Use | Urban Design | Housing | Jobs | Parks & Public Spaces
 Heritage | Arts & Culture | Transportation | Utilities | Public Benefits

Thank you!

www.vancouver.ca/broadwayplan
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