

Planning for Healthy Communities

Planning Primer Elective

Planning and Growth Management
Ottawa Public Health
April 2016

Today's Topics

- Ottawa Public Health
- Planning Objectives
- Activity
- BREAK
- Zoning
- Active Transportation
- Why Nature Matters to Health

A background image showing a dense forest of trees with green foliage, viewed from a low angle looking up towards the sky. The image is overlaid with a semi-transparent green filter.

Planning Objectives

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April 2016

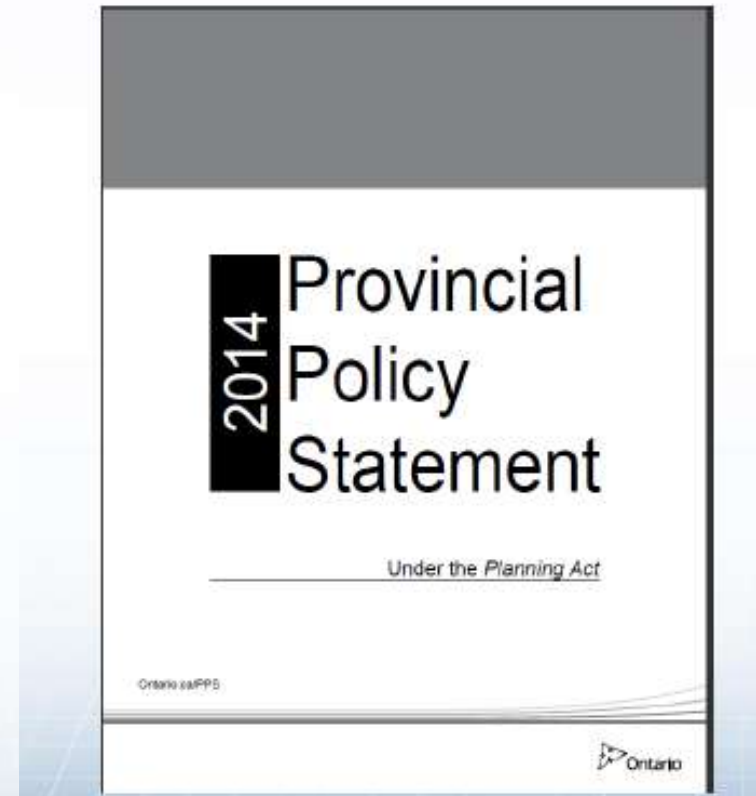
Background



- The future landscape of Ottawa is changing
- Unprecedented period of growth and transformation
- Enhancing a world-class transit system

Planning Act

- Provides the Legislative Framework
 - How the planning system will work
 - Who the decision makers are
 - How disputes are resolved
 - How public can provide input
- Provincial Policy Statement



Bill 73 Bringing Extensive Change to Ontario Planning Legislation

- Smart Growth for Our Communities Act, Dec 2015
- Inclusion of urban design as a matter of provincial interest
- Increasing capital cost recovery for transit from development charges



**"WE WORK TOGETHER
TO SHAPE THE GROWTH
OF THE CITY"**

Planning for Ottawa's Future

- Intensification
- Design excellence as part of city building
- Integrate urban design and transportation
- Public places and spaces
- Cycling and walking priorities



DEVELOPMENT HOTSPOTS

488

DEVELOPMENT
APPLICATIONS RECEIVED

195

Site Plan
Control

83

Zoning By-law
Amendment

30

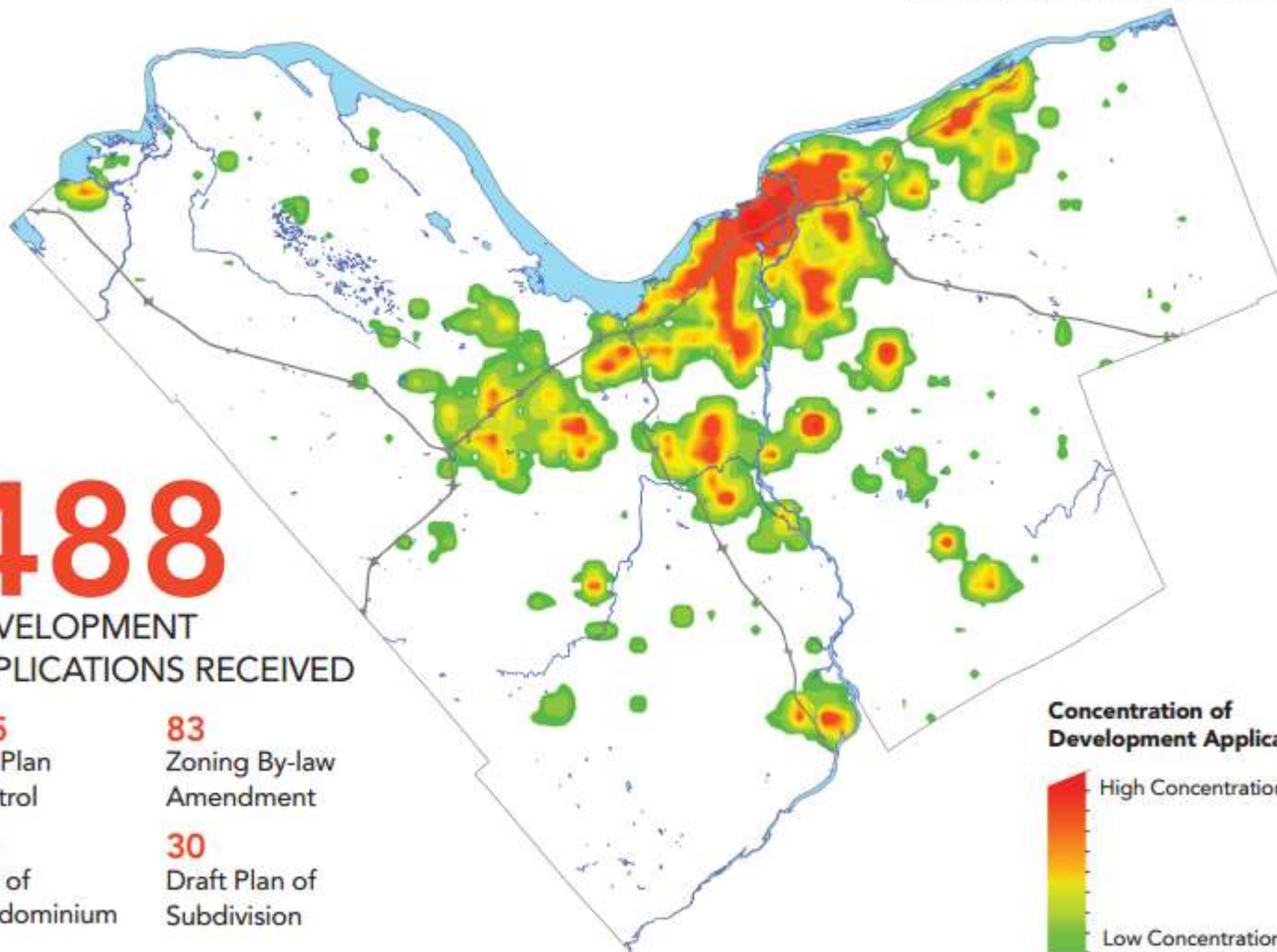
Plan of
Condominium

30

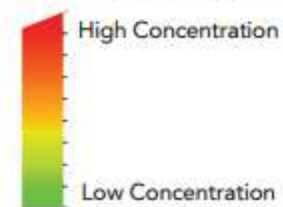
Draft Plan of
Subdivision

9

Official Plan Amendment



**Concentration of
Development Applications**



Role of Planning – Official Plan



“Ottawa will meet the challenge of growth by managing it in ways that support liveable communities and healthy environments.”

Planning & Health

- Higher building density and mix of uses leads to shorter trips, walking and cycling
- Street trees are identified with people's decisions to walk
- Children with more nature have more self-esteem and less anxiety



Planning Healthy Communities Fact Sheet
Canadian Institute of Planners

Transportation Master Plan and Active Transportation

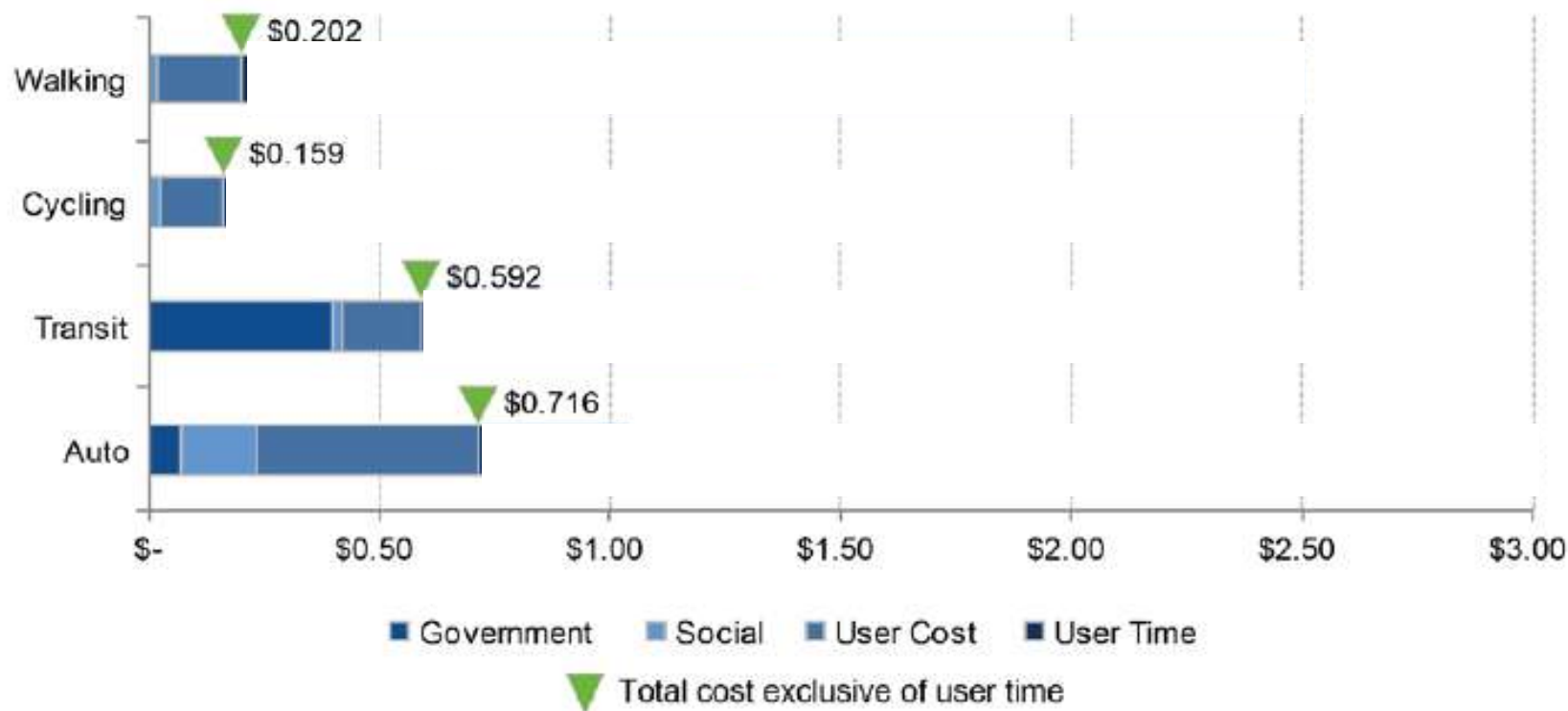
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The Cornerstones of TMP

1. Cost of travel by various modes
2. Land use and transportation
(intensification)
3. Transit investments
4. Active Transportation and Complete Streets

1. Cost of Travel

Exhibit 2.9 Cost of Travel in Ottawa (\$/person-km)



2011 Cost of Travel Study

TMP Funding

Investments (2014–2031)	Capital (2013 \$)
Rapid Transit and Transit Priority Network	\$2,995M
Roads Network	724M
Cycling Projects ¹	70M
Pedestrian Projects ¹	26M
Multi-Use Pathway Structures	40M
Various network modifications, intersection control measures, studies and programs	140M
TOTAL	\$3,995M

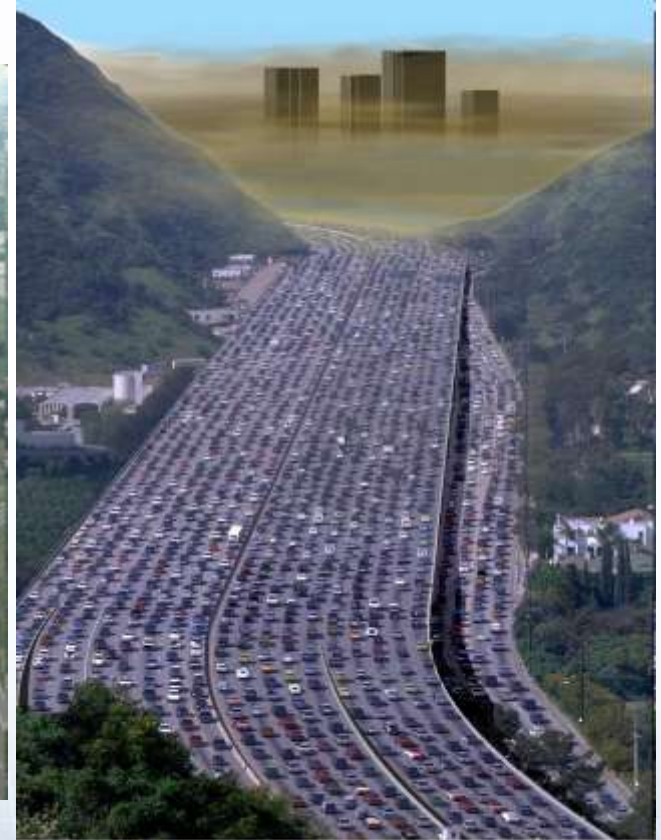
¹ Cycling and pedestrian projects not included in road and transit funding (i.e. off-road facilities)

2. Transportation and Land Use



Low density
single use development
and auto oriented
transportation

Is this the Future that We Want?

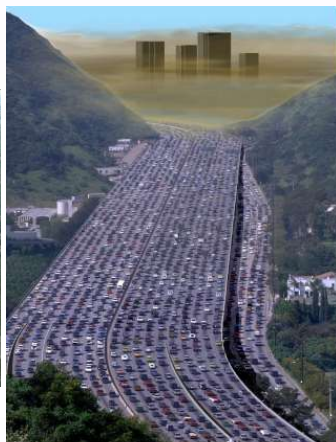


...or this?



Mixed use development, multi-modal transportation

Future Choices



Courtesy Transfuture.net



Divorce land use and transportation

Build more roads to solve congestion

Spread out the development to reduce congestion

Design roads for peak traffic (15 min)

→ Marry land use and transportation

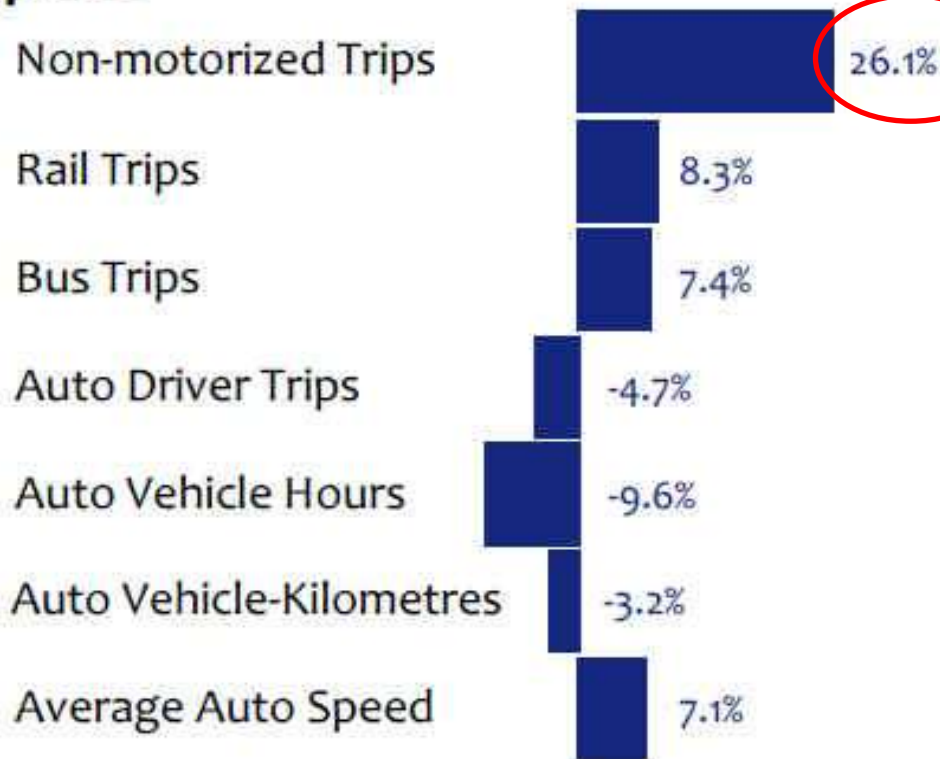
→ Reduce the distance to travel and rely on walking, cycling and transit

→ Concentrate development to facilitate walking, cycling and transit

→ Accept congestion during the peak period

Sprawl vs. Intensification

The Impact of Land Use: Compact vs. Spread



Note: Modelled difference between compact and spread scenarios.

3. Transit

The Transitway Downtown

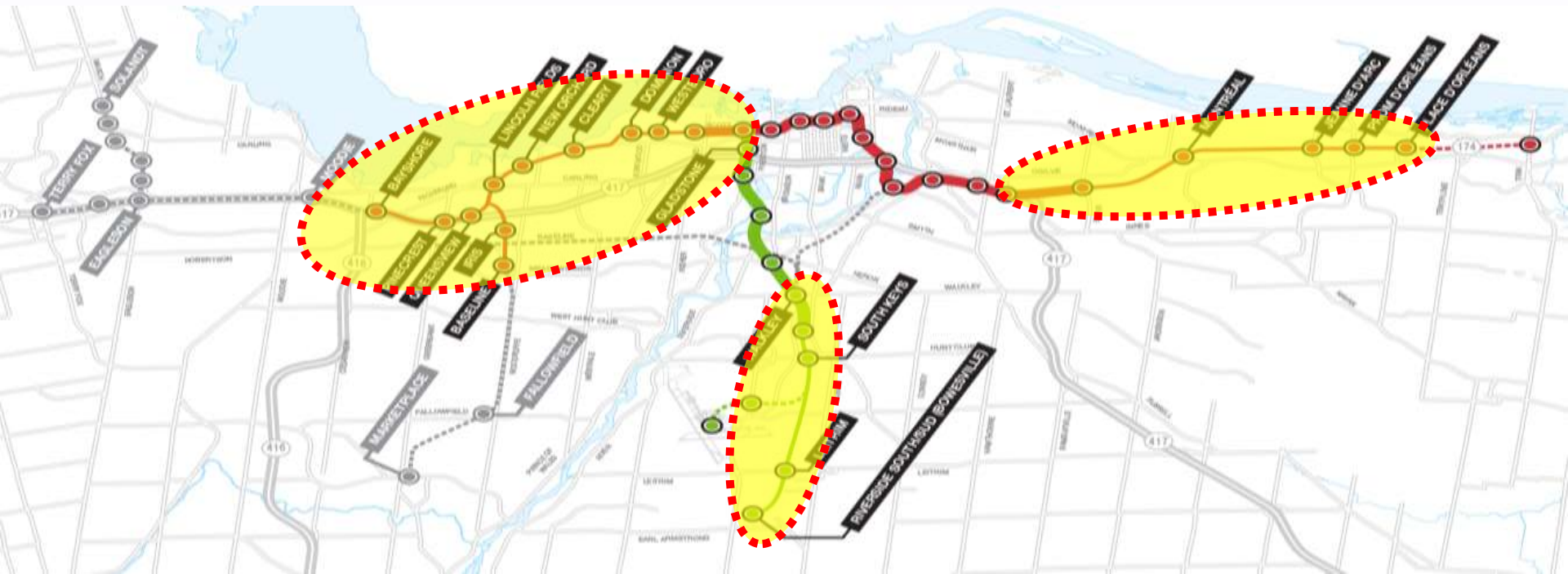


Crushed under our own success:
180 buses per hour clogging the downtown core and capping transit capacity

Confederation Line LRT



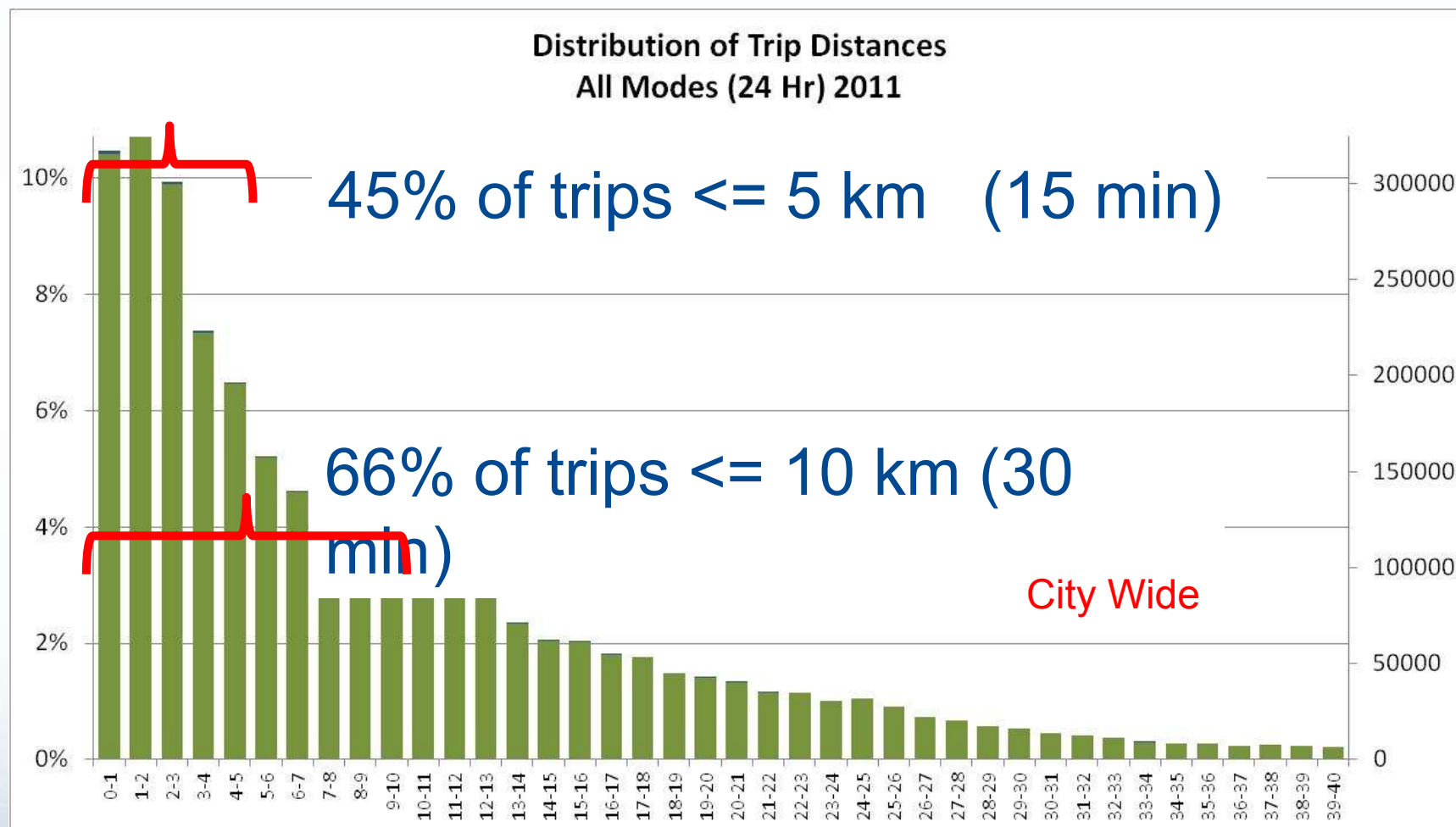
Stage 2 Overview



Active Transportation and Complete Streets

- Why are Complete Streets important?
- How to build them?

How Far Do We Travel?

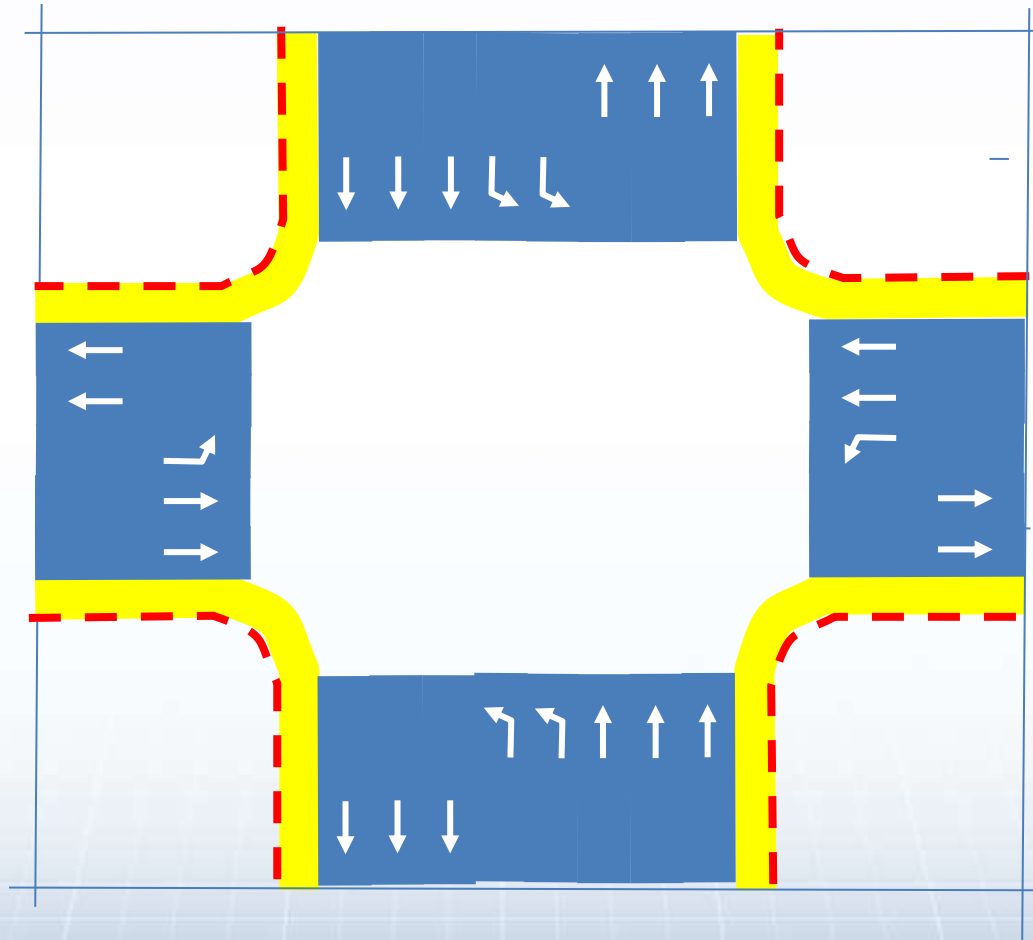


Source: 2011 OD Survey , Ottawa

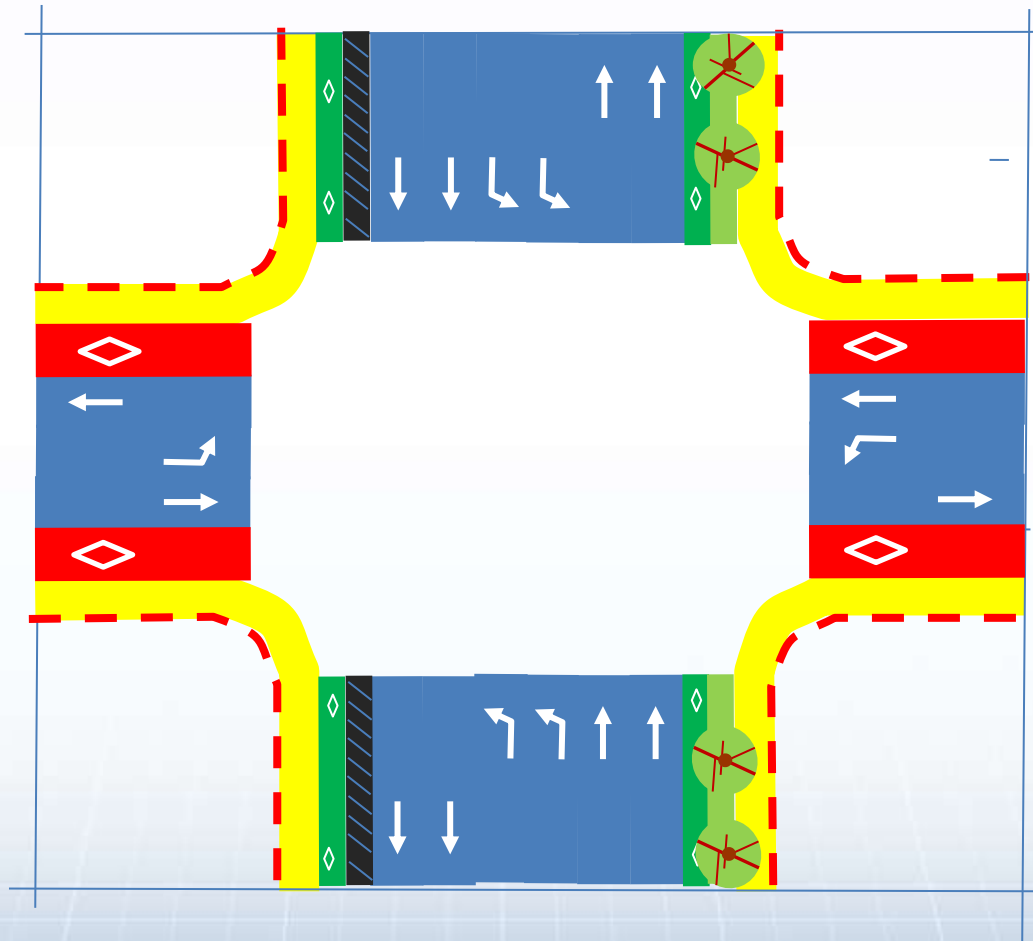




Auto Centric Approach

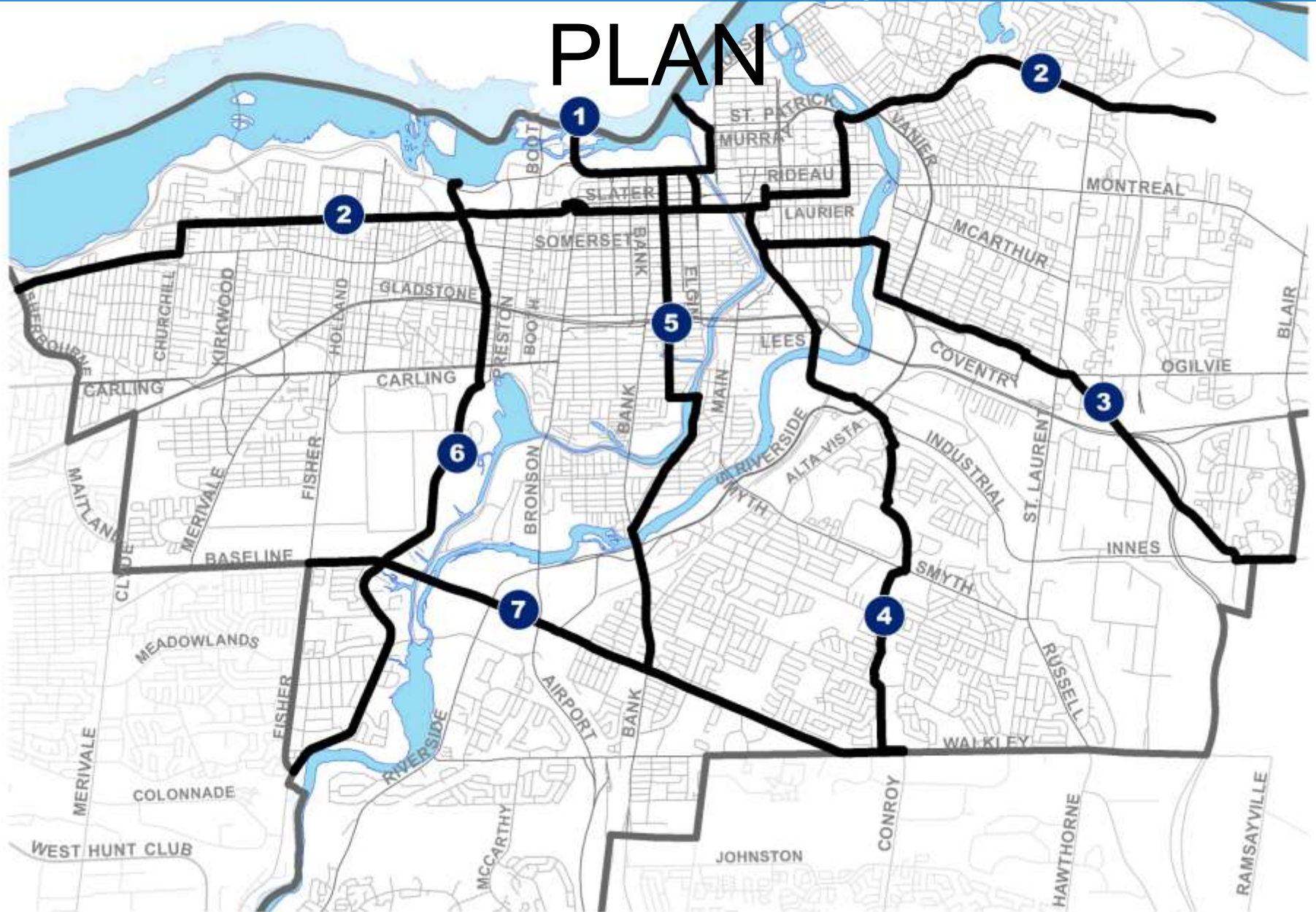


Complete Street Approach

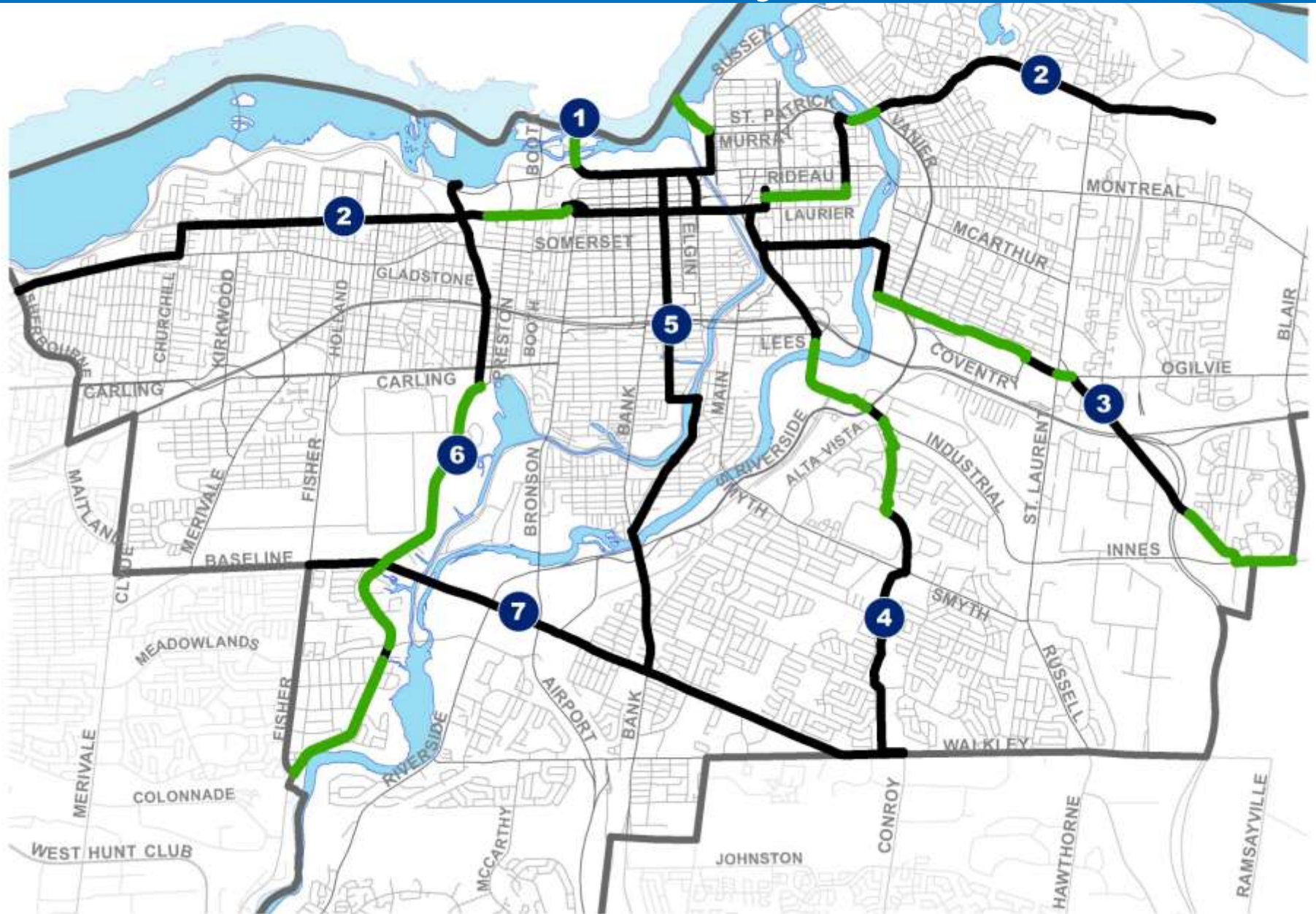


Central Area Bikeway Network

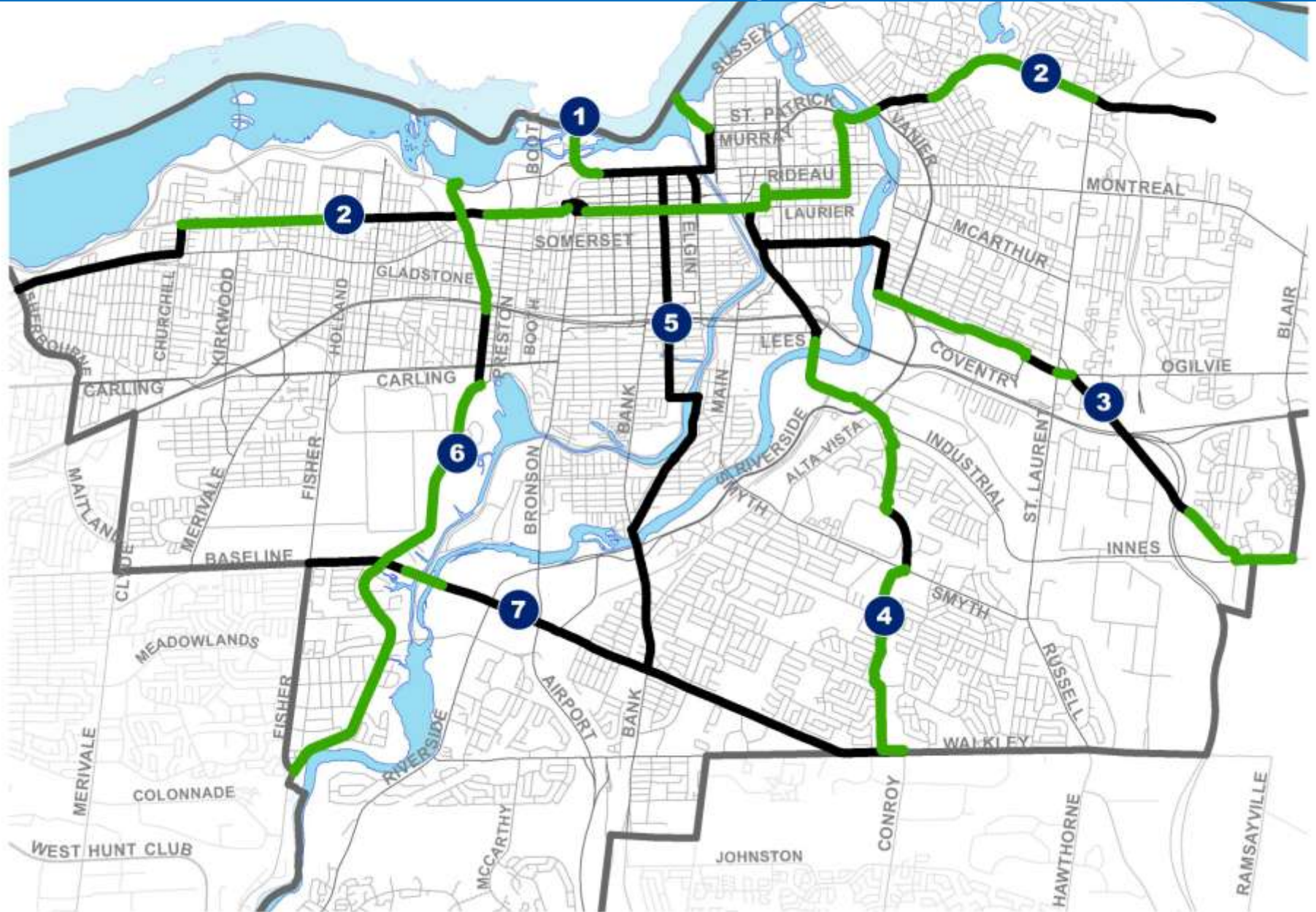
PLAN



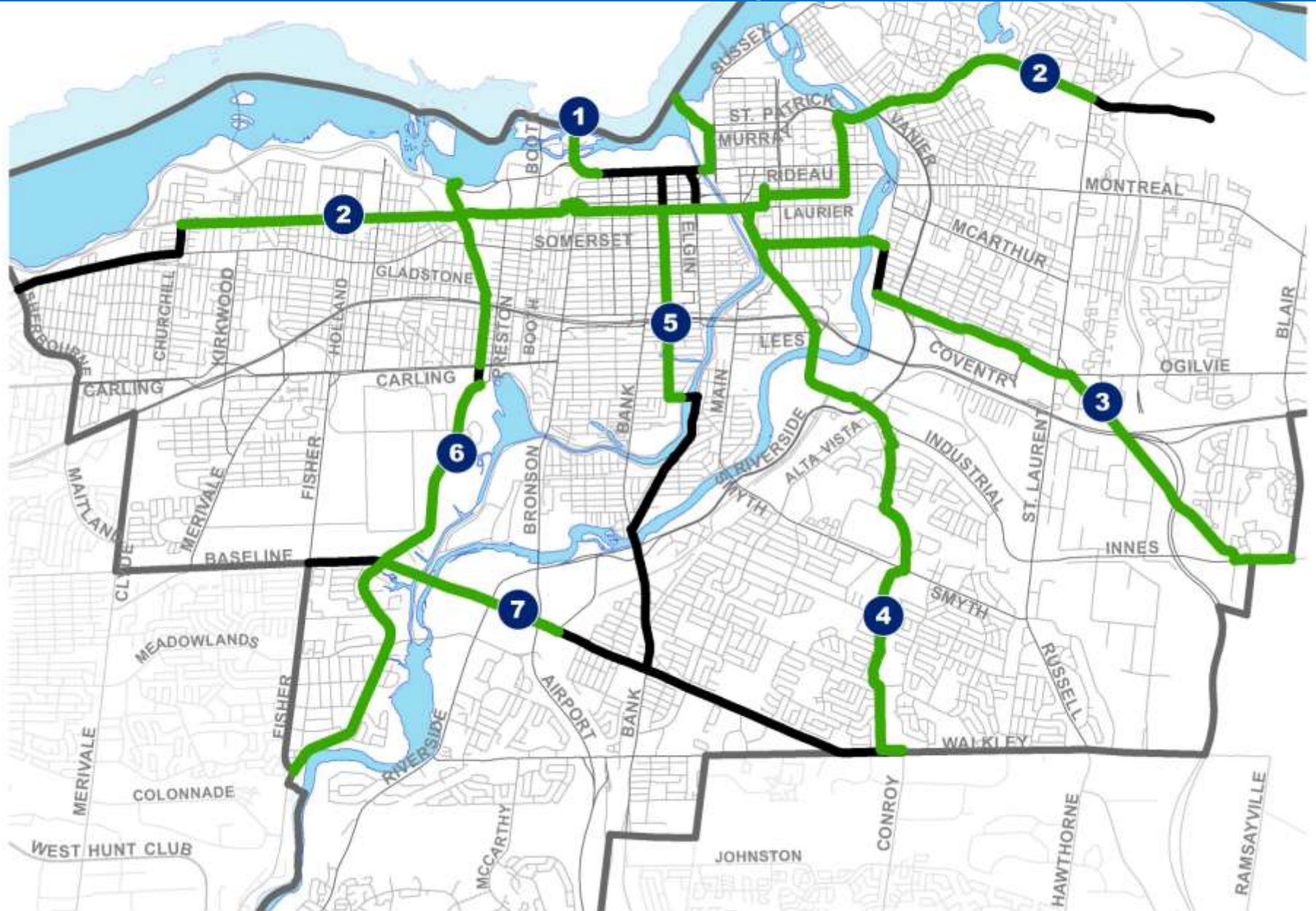
Central Area Bikeway Network 2011



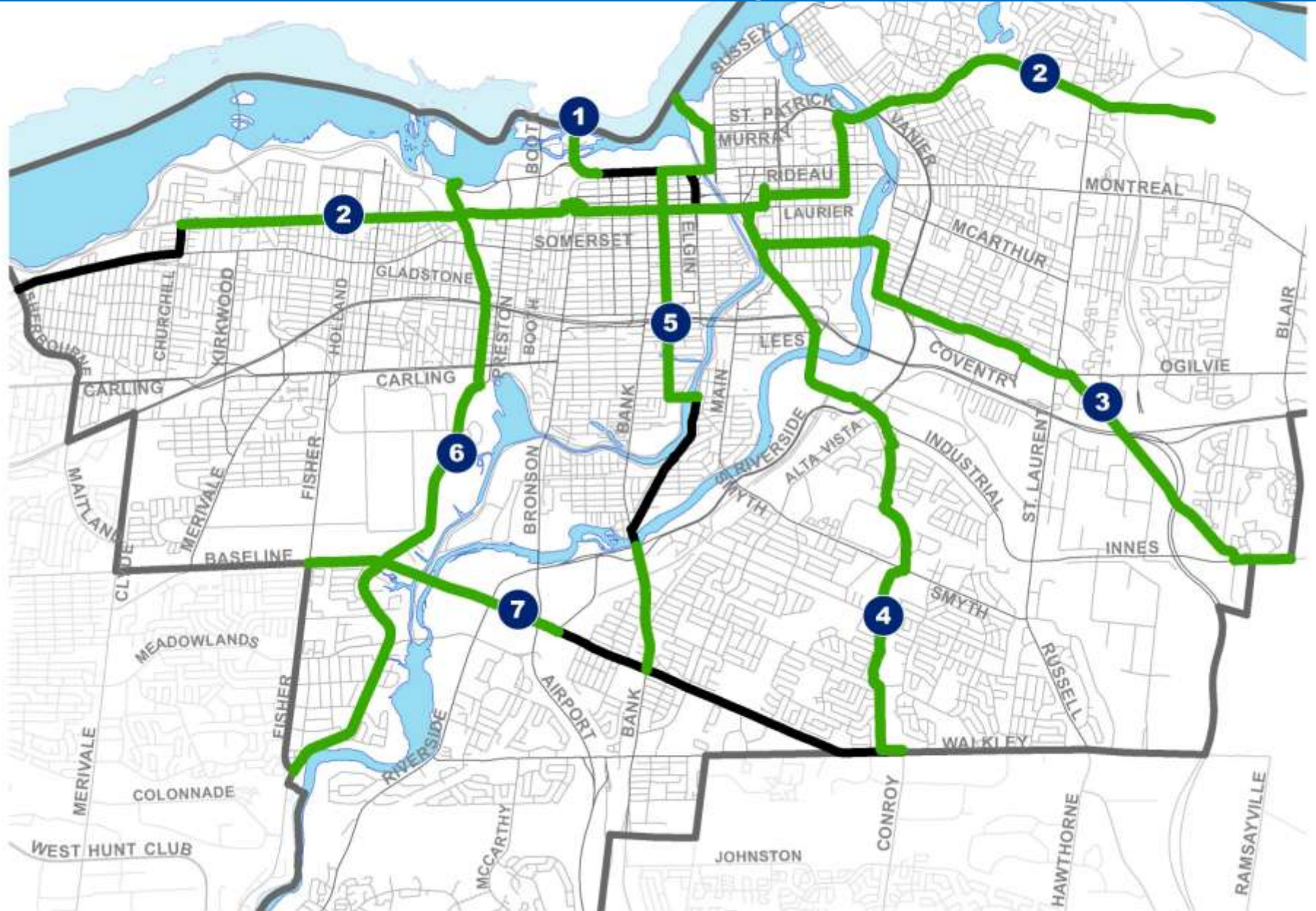
Central Area Bikeway Network 2014



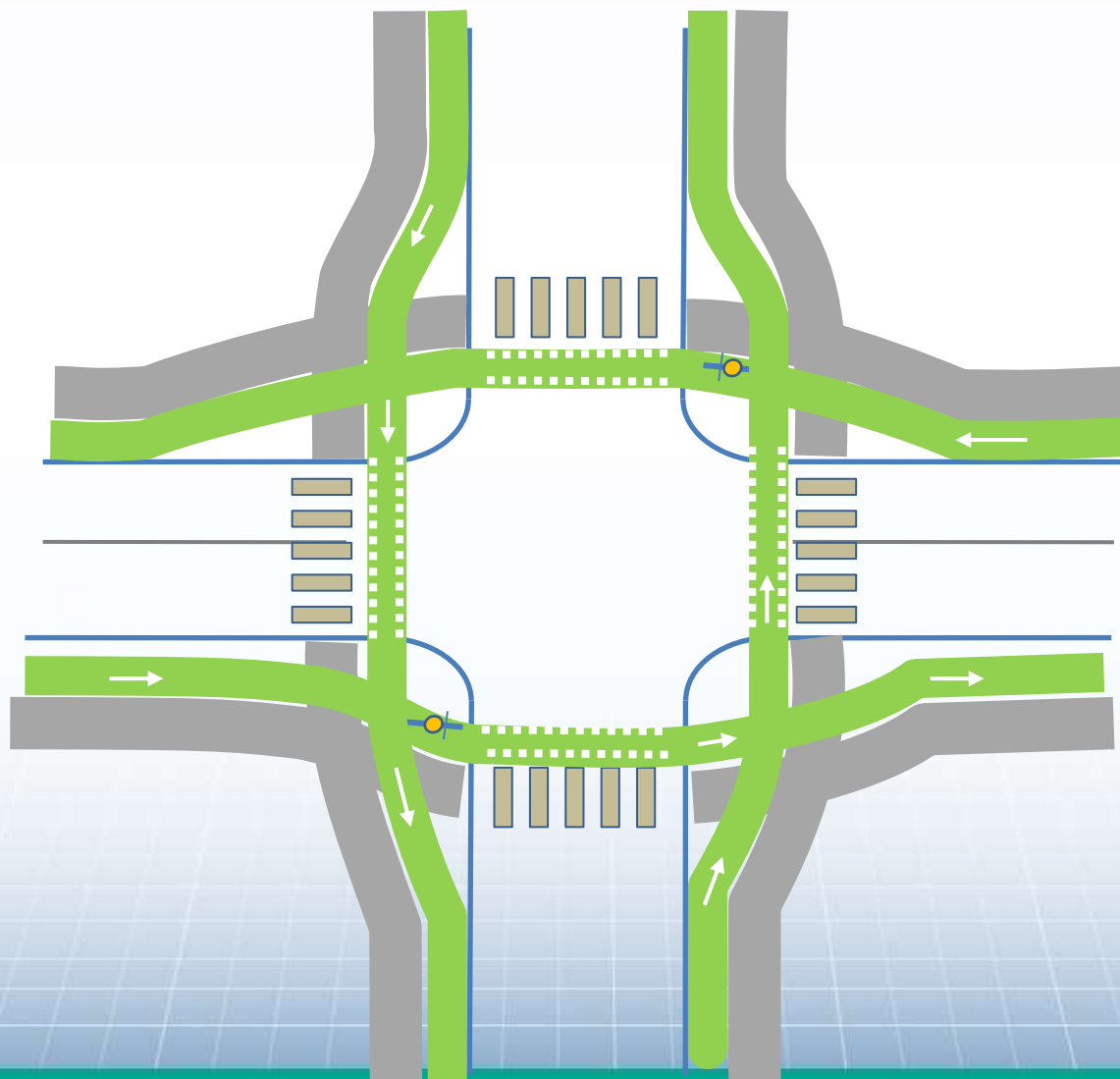
Central Area Bikeway Network 2018



Central Area Bikeway Network 2022



Protected Intersection Concept





Ottawa's 1st Protected Intersection

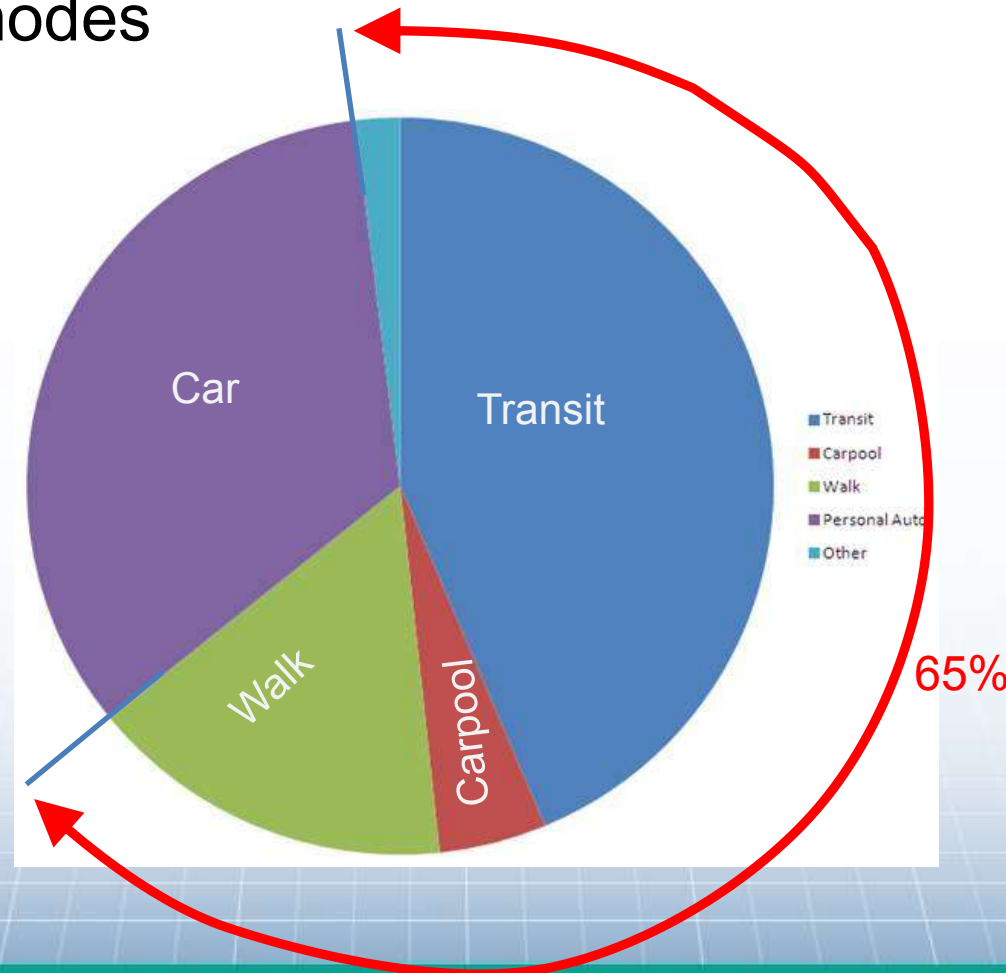


Winter Cycling



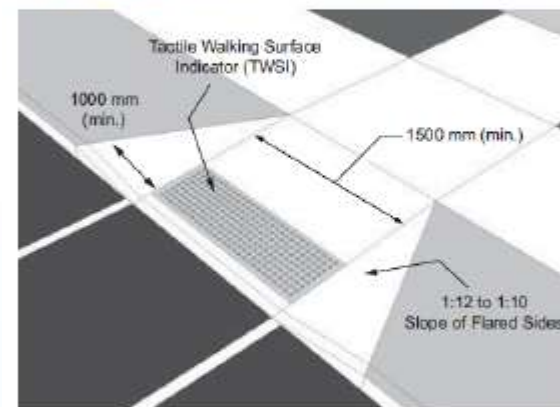
Winter Cycling?

65% of cyclists who stop cycling in winter switch to sustainable modes

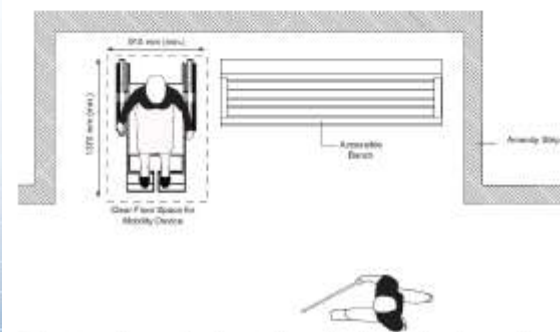


Accessibility for All

- Accommodating people of all abilities is integral to the design of pedestrian friendly streets



Source: Accessibility Design Standards, City of Ottawa, November 2012



Source: Accessibility Design Standards, City of Ottawa, November 2012

Recent Complete Streets Projects

St. Laurent Boulevard



Shared lane



Painted bicycle lane

Adàwe Bridge



Seasonal bridge



Permanent bridge

Coventry Road



Shared lane



Cycle track

Montreal Road



Shared lane



Painted bicycle lane



Cycle track

St. Patrick Street



Shared lane



Cycle track

Fifth Avenue



Shared lane



Painted bicycle lane

Churchill Avenue



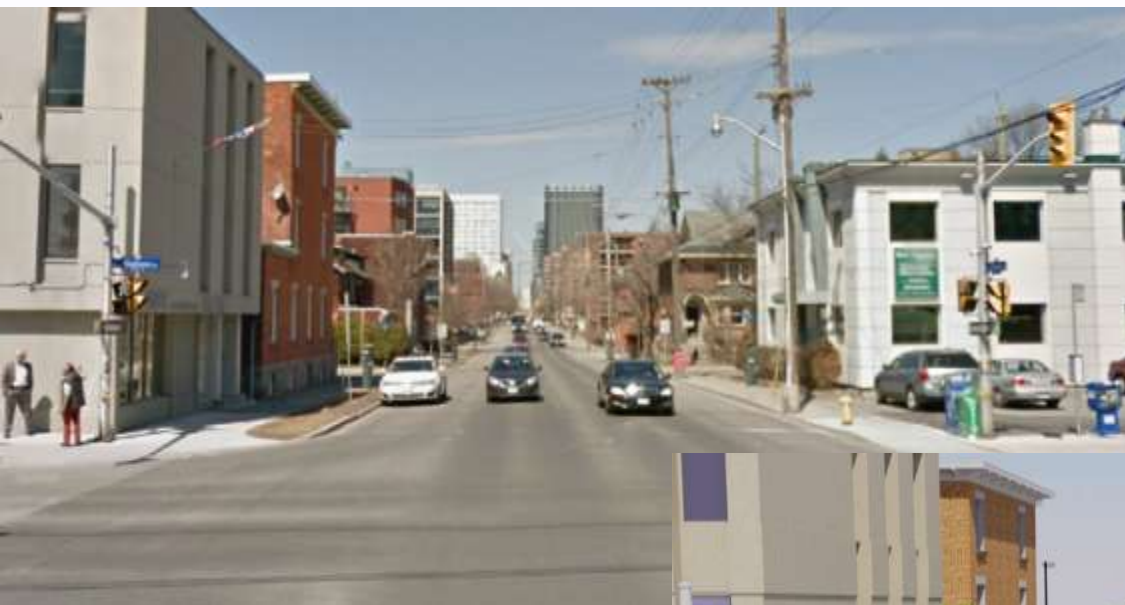
Shared lane



Cycle track

Future Complete Street Projects

O'Connor Street



Main Street



An aerial perspective of a city street scene. A red and white tram is traveling along a dedicated track on the right side of the road. The street has multiple lanes with cars and a white van. To the right of the road is a modern building with a large, colorful, multi-story glass facade. In the foreground, there's a smaller building with a grey roof and a ramp leading to the tram tracks. The area is landscaped with green trees and sidewalks. The word "Questions" is overlaid in large yellow text in the center of the image.

Questions

A background image showing a dense forest of tall, thin trees with light green foliage, viewed from a low angle looking up. The image is overlaid with a semi-transparent green filter.

Zoning

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Proposed Zoning Amendments

- Increase the number of zones where a farmer's market is a permitted use
- Broaden the meaning of the land use term **community garden** to include urban food production
- Allow residents to grow food and share, donate or sell it
- Allow residents to lease yard



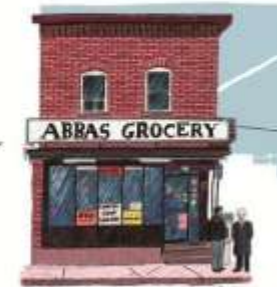
Photo: Edible Ottawa

Building Better and Smarter Suburbs

- BBSS is an ongoing initiative to **resolve spatial conflicts** in new **greenfield suburbs** while improving **urban design & liveability**
- Project components that will contribute to **healthier communities**:
 - ✓ More connected street networks that support active transportation
 - ✓ Traffic calming built in as part of initial road construction
 - ✓ Improved tree planting in marine clay soils
 - ✓ New park typologies for smaller sites
 - ✓ Better retention of mature trees



Zoning Study on Local Shops and Services in Residential Neighbourhoods



A background image of a dense forest with many thin tree trunks and a canopy of green leaves, creating a dappled light effect. The image is overlaid with a semi-transparent green filter.

Why Nature Matters

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Natural Areas | Espaces naturels

ottawa.ca/greenspace



Ottawa's Forests

City-managed Forests

- 300,000 plus street trees
- 10,000 ha of Community Forests
- 900 parks with trees

Privately-managed Forests

- Farm woodlots
- Privately-owned trees
- Commercial forests, maple syrup operations

Examples

- Main Street Complete Street – Greystone
- Richardson Ridge, Kanata
- Community Sugar Bush in South Kanata
- Stewardship of Natural Areas



Summary

- Contact with nature benefits people of all ages, income groups and abilities
- Trees buffer noise, offer shade, reduce effect of heat islands, lower air pollution
- Contact with green space increases physical activity
- Time outside strengthens family relationships and gives a sense of community

