



Regional Cycling Plan 2021

Presentation to: Township of Uxbridge
July 12, 2021





Regional Cycling Plan 2021 Vision & Process

RCP 2021 timeline

WINTER / SPRING 2020

Phase 1: Background
Review

SUMMER / FALL 2020

Phase 2: Network Update and
Strategy Development

SPRING / FALL 2021

Phase 3: Study Finalization

Updated RCP proposes...

New Routes

217 km of new cycling routes, including short-term and long-term projects

High quality network design

Updated existing routes, facility and amenity design guidance based on new Provincial guidelines and best practices

Connects the gaps

85 km of Regional short-term (< 10 years) projects that will improve overall connectivity



Regional Cycling Plan 2021 Process and Milestones



Nov 2019 - May 2020 Phase 1: Background Review

Kick-off Meeting
December 2019

Existing Conditions Review

Online Survey #1
March – May 2020

Stakeholder Workshops
March – May 2020

Stakeholder Interviews
May 2020

Best Practices Research

Phase 1 Report



**June 2020-Feb 2021
Phase 2: Program Update**

Develop Cycling Strategies

Identify and Confirm Primary
Cycling Network (PCN)

Online Survey & Pop-up Engagement
July – August 2020

Network & Strategy Workshop
July – August 2020

DATC and PED Committee Meetings
June & September 2020

Review Financing Opportunities

Phase 2 Report



**March 2021-Sept 2021
Phase 3: Finalize the Study**

Municipal and Regional Workshops
February– March 2021

DATC and Agency / Stakeholder
Presentations
March 2021

Draft RCP

Present RCP to PED Committee
May 2021

Update & Finalize RCP &
Present to Area Municipal Councils

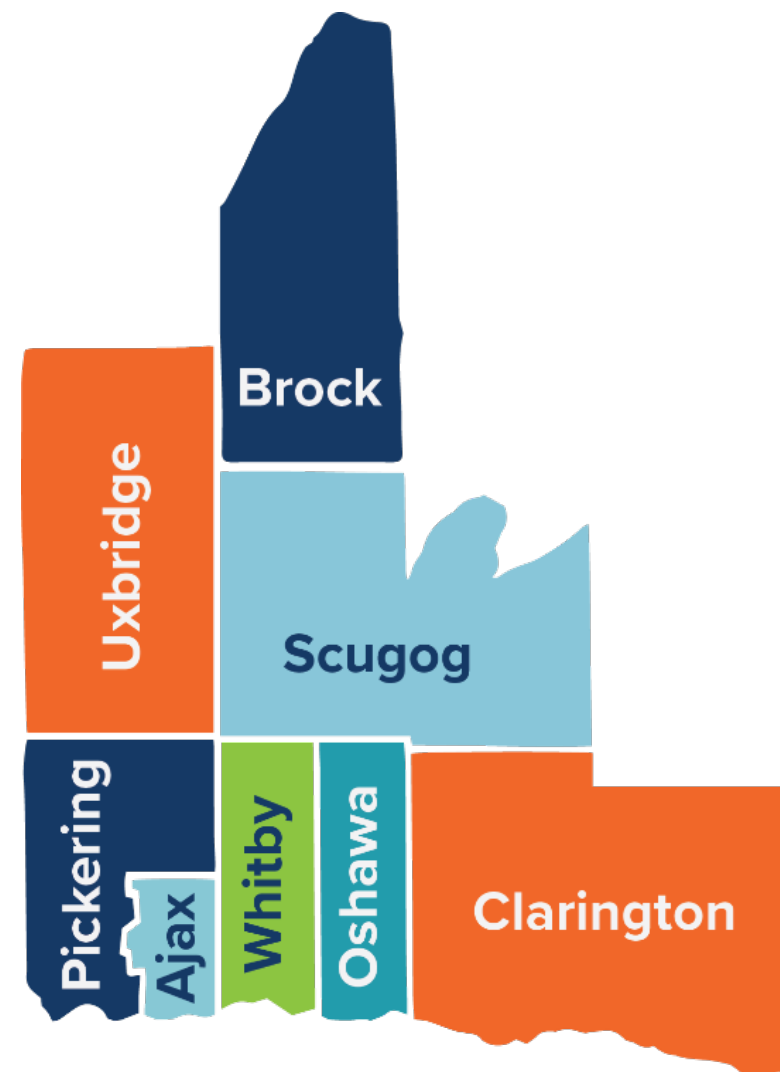
Submit and present finalized RCP to
Council
Fall 2021



Regional Cycling Plan 2021 Vision

Vision

The Region of Durham, in partnership with its area municipalities, supports the planning, design, implementation and promotion of a **connected, safe, and accessible region-wide primary cycling network**. The network accommodates **people of all ages and abilities** while considering the unique trip types and preferences of those who live, work and play within the Region.



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RCP 2021 Overview



RCP 2021 Network Vision

The vision for the **Primary Cycling Network (PCN)** is a fully connected and continuous system of safe and comfortable cycling facilities that links major communities and destinations in Durham.

1000 km

**Primary Cycling
Network**

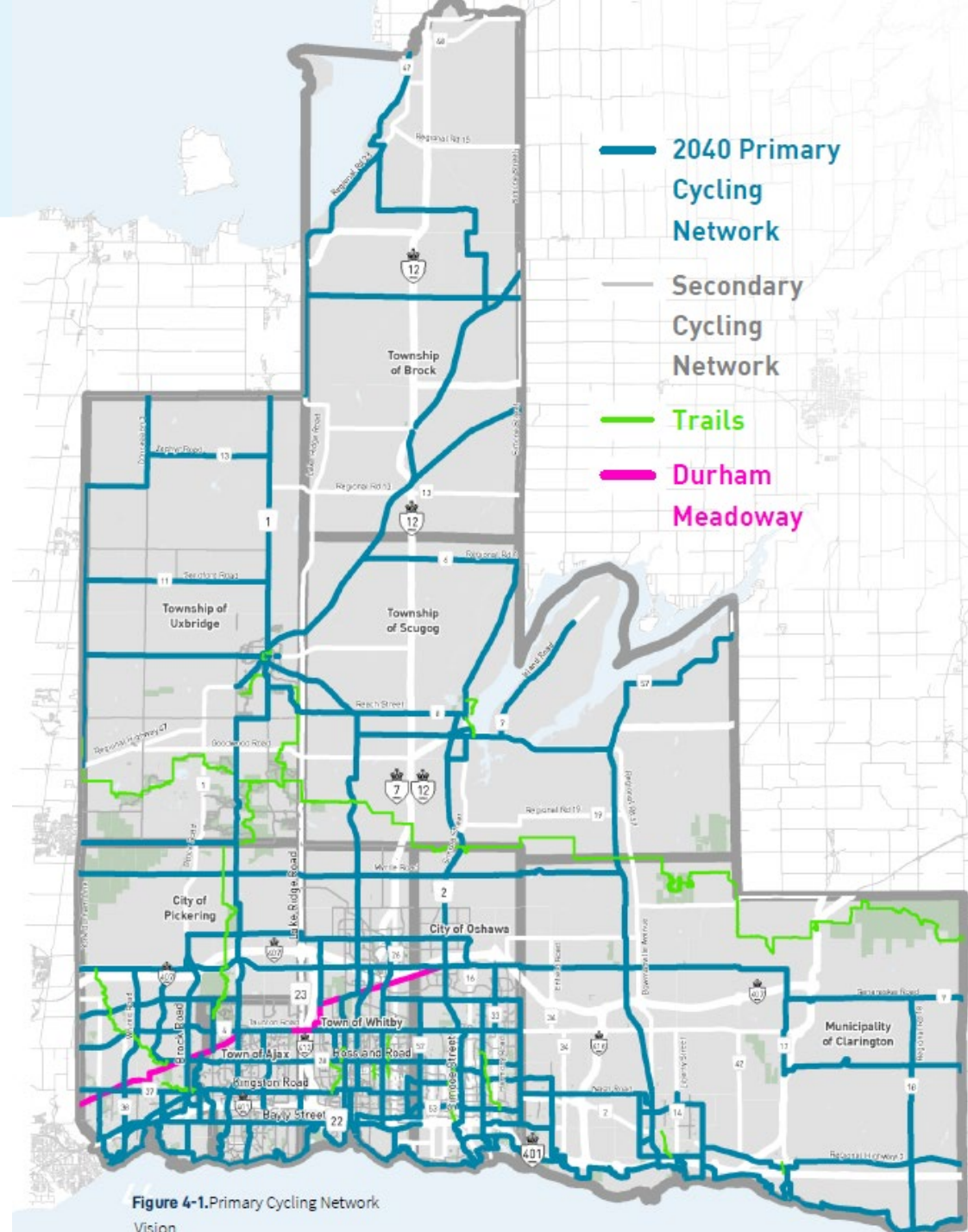
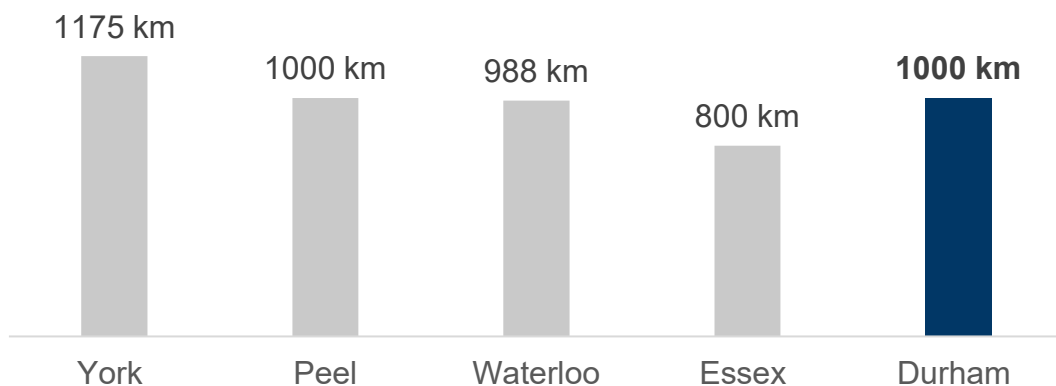
217 km

**New regional
routes**

8

**Cycling facility
types**

How our network compares to other Regions



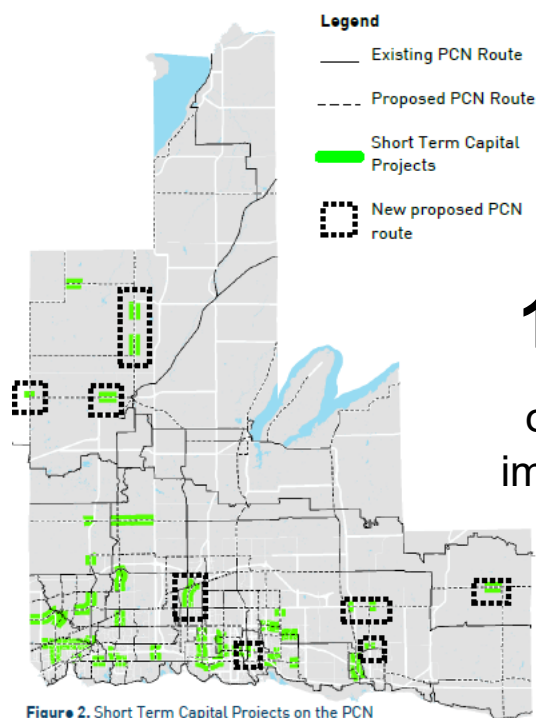


PCN Phasing (2021 - 2040) – All Area Municipalities

20-year timeline (2021- 2040)

2021

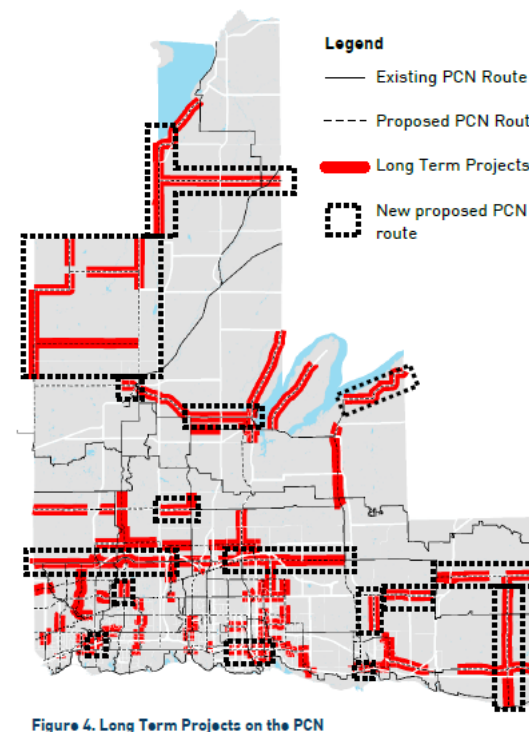
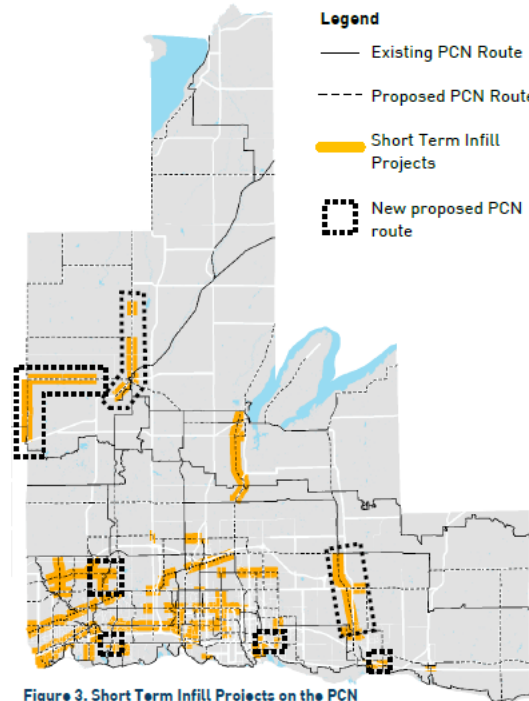
2040



130.6 km

of local routes to be implemented between 2021 to 2030

Short- term routes
< 10 years

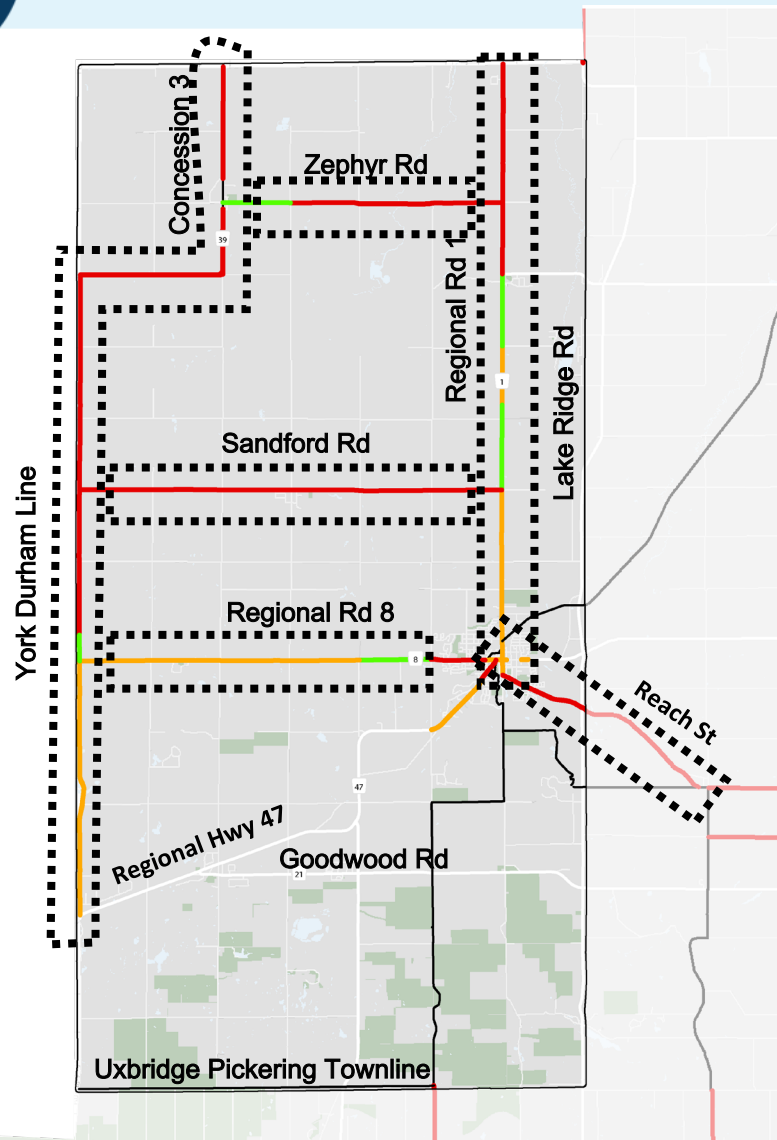


132.8 km
of local routes to be implemented between 2031 to 2040

Long - term routes
10+ years



PCN Phasing (2021-2040) – Township of Uxbridge



— Existing PCN Route

--- New proposed PCN route
under Regional jurisdiction

Project Type	Uxbridge	Region
	New routes (km)	New routes (km)
Short-term Capital Projects (0 to 10 years)	0	7.2
Short-term Infill Projects (0 to 10 years)	2 ¹	22.5
Long-term Projects (10+ years)	1.6 ²	55.2
Total	3.6	84.8

1. Includes 2 km of MUPs located on Regional roads in Uxbridge.
2. Includes 1.6 km of MUPs located on Regional roads in Uxbridge.

* This map does not illustrate area municipal cycling / active transportation networks

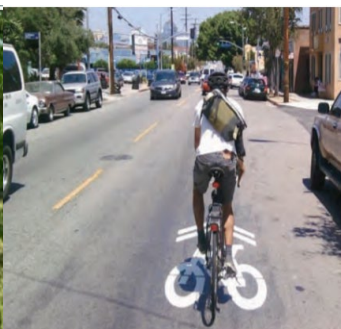


RCP 2021 Proposed Cycling Facility Types

Facility Types



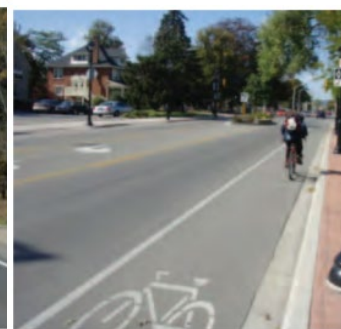
Signed Route



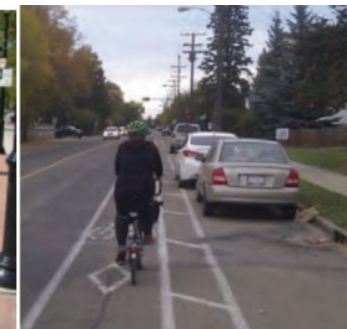
Sharrow



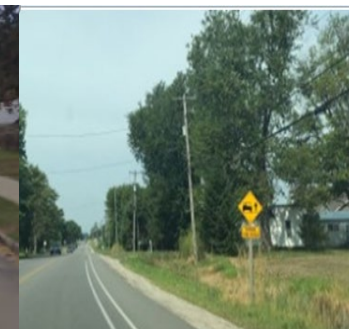
Paved Shoulder



Bike Lane



Buffered Bike Lane



Buffered Paved Shoulder



In-Boulevard Multi-use Path

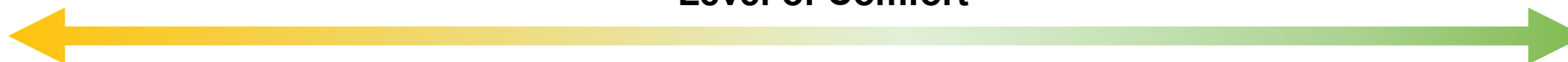
Shared

Designated

Separated

Level of Comfort

Less



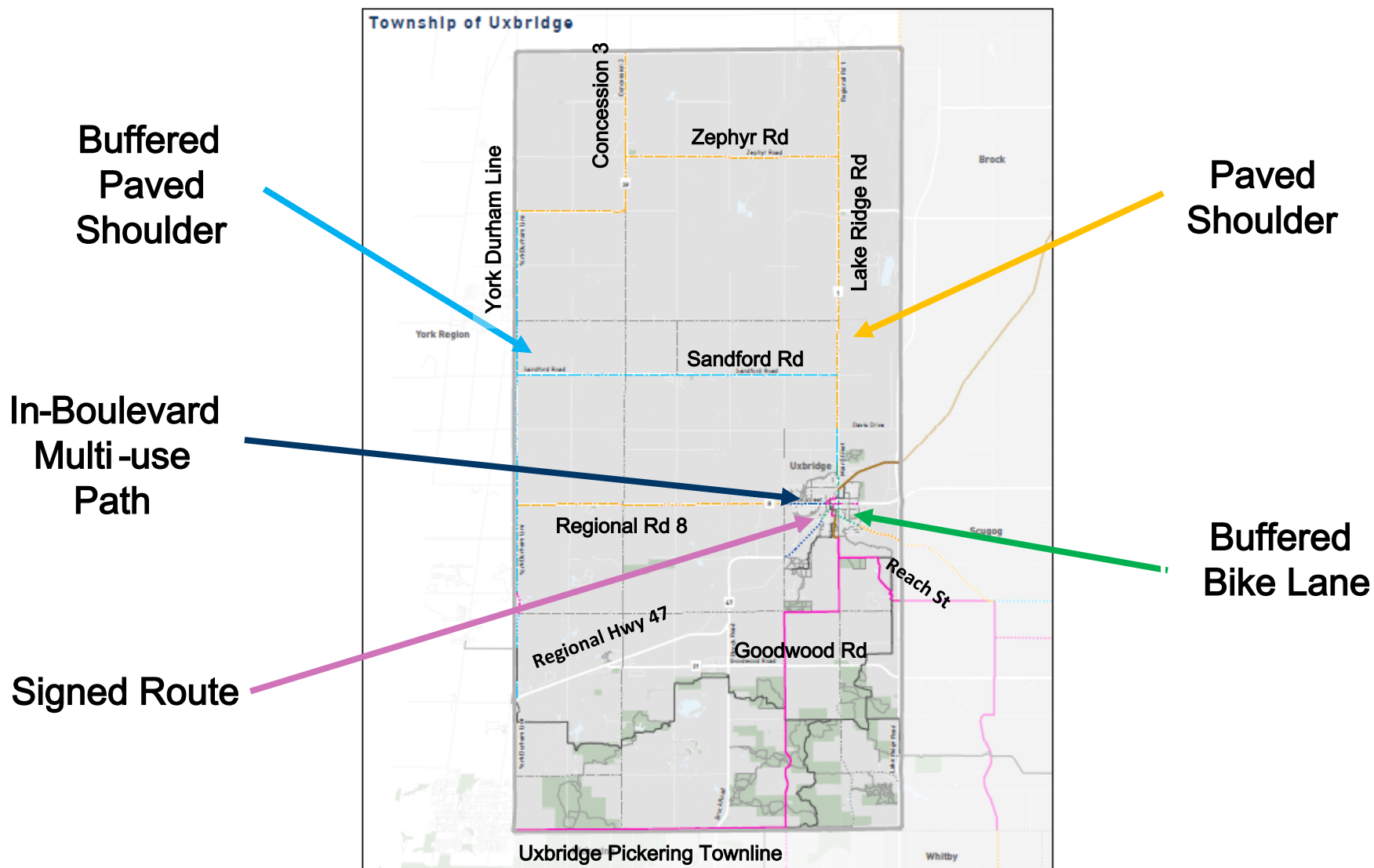
More

A key objective of the RCP is to expand the network to include facilities that are accessible to people of all ages and abilities (AAA)

- + AAA facilities include routes that have greater separation from traffic or lower volumes and speeds
- + Intersection treatments will also provide enhanced safety and comfort for all users



RCP 2021 Proposed Cycling Facility Types – Township of Uxbridge



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RCP 2021 Strategies & Recommendations



2021 RCP Financing Options and Considerations

Approach	Description
Maintaining Current Funding Streams	<ul style="list-style-type: none">+ The continued application of existing funding streams currently used to support cycling at the Regional level
Adapting Current Funding Streams	<ul style="list-style-type: none">+ Regional Cycling Plan Formula: expand coverage beyond MUP platform to include some consulting and design costs for infill projects+ External Funding Sources: include funding from the Federal Active Transportation Fund and provincial grants+ Development Charges (DC) : explore opportunities to include additional cycling infrastructure for development charge financing as part of the renewal of the Regional Development Charge (DC) Study
Enhanced Regional Capital Planning	<ul style="list-style-type: none">+ The enhancement of the Region's annual transportation capital plans to include short-term infill projects and the identification of financing strategies for these through the Region's annual long-term capital planning process.



New Implementation Supports

Active Transportation Financing Strategy

What is it: development of a long-term strategy to provide funding to support the implementation of cycling infrastructure PCN and cycling-supportive strategy actions components.

Objectives:

- + Provides financing for the implementation of the Region's portion of the cycling plan
- + Where possible, provides flexibility and the opportunity to advance infill and priority Regional cycling projects.

Active Transportation Staff Resources

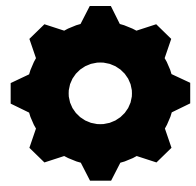
What is it: Dedicate staff at the Regional level to directly support the implementation of the RCP with a specific focus on coordinating the day-to-day implementation of the RCP (subject to review and approval)

Objectives:

- + Provides direct support to both area municipal and Regional staff involved in the implementation of the RCP including support for delivery of programs, arrange to run workshops and activities etc.
- + Ensures timely implementation of the PCN and can help improve coordination and consistency in approach of implementation.



RCP 2021 Supporting Cycling Strategies



4 strategies



15 actions

Bicycle Parking Strategy

- + Ensure an adequate standard and supply of bicycle parking
- + Ensure investments remain tailored to need and demand



Signage and Wayfinding Strategy

- + Ensure all signs are tailored to Regional destinations
- + Create a cohesive design and approach to signage that is intuitive and easy to navigate
- + Seize opportunities to have signage support placemaking and reinforce a “Durham Cycling” brand



Education and Encouragement Strategy

- + Programming tailored to audience needs and behavior change
- + Enables collaboration and a consistent approach to implementation
- + Leverage local support and involvement



Bicycle Route Maintenance Strategy

- + Ensure a more coordinated and cost-efficient use of maintenance equipment and resources held by the Region and area municipalities
- + Establish preferred maintenance protocols and standards
- + Support cycling during all seasons





Area Municipal – Roles and Responsibilities

- The success of the RCP relies on an adequate provision of human resources, provided both through strategic partnerships and additional staff

Bicycle Parking Strategy	Signage & Wayfinding Strategy	Education & Encouragement Strategy	Bicycle Route Maintenance Strategy
<ul style="list-style-type: none">+ Provide insight and expertise about priorities and needs for bicycle parking+ Ensure an adequate provision of bicycle parking facilities on property under their direct ownership	<ul style="list-style-type: none">+ Identify locations and need for wayfinding signage+ Provide input on design and type of wayfinding signage needed+ Implement wayfinding signage on property under their direct ownership and jurisdiction	<ul style="list-style-type: none">+ Organize events and initiatives tailored to the needs and aspirations of their local communities	<ul style="list-style-type: none">+ Inform understandings of bicycle route maintenance needs and practices+ Responsible for the routine maintenance of local roads and all MUPs+ Work with the Region in identifying possible routes for Winter Priority Network

This vital strategic relationship between area municipal staff and stakeholders is envisioned to be facilitated by a regionally staffed **AT Coordinator**, who would serve as a **coordinator**, **administrative assistant** and **programs delivery agent** in all collaborative ventures



Next Steps

Fall 2021

- Region to Present Recommended RCP 2021 to the Region's Committee of the Whole (COW) for consideration and endorsement

Contact:

For more information and updates on the Regional Cycling Plan 2021, please visit the study webpage: www.durham.ca/en/living-here/regional-cycling-plan-2021.aspx

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