



Durham Meadowway Visioning Study: Project Outcome and Next Steps

Presentation to Committee of the Whole – March 20, 2024

The background is a stylized illustration of a park scene. It features a winding path with people walking and sitting. There are trees, bushes, and a large power line tower in the distance. The entire scene is overlaid with a semi-transparent purple filter. Two horizontal white lines are positioned above and below the large number '01'.

01

Project Overview

Purpose of Visioning Study

Vision Statement and Guiding Principles

- Capture the spirit of the Durham Meadoway project
- Establish principles to be applied for planning and design

Conceptual Trail Alignment

- Desktop review of existing conditions, planned projects and opportunities/constraints
- Review of alignment alternatives towards preferred route

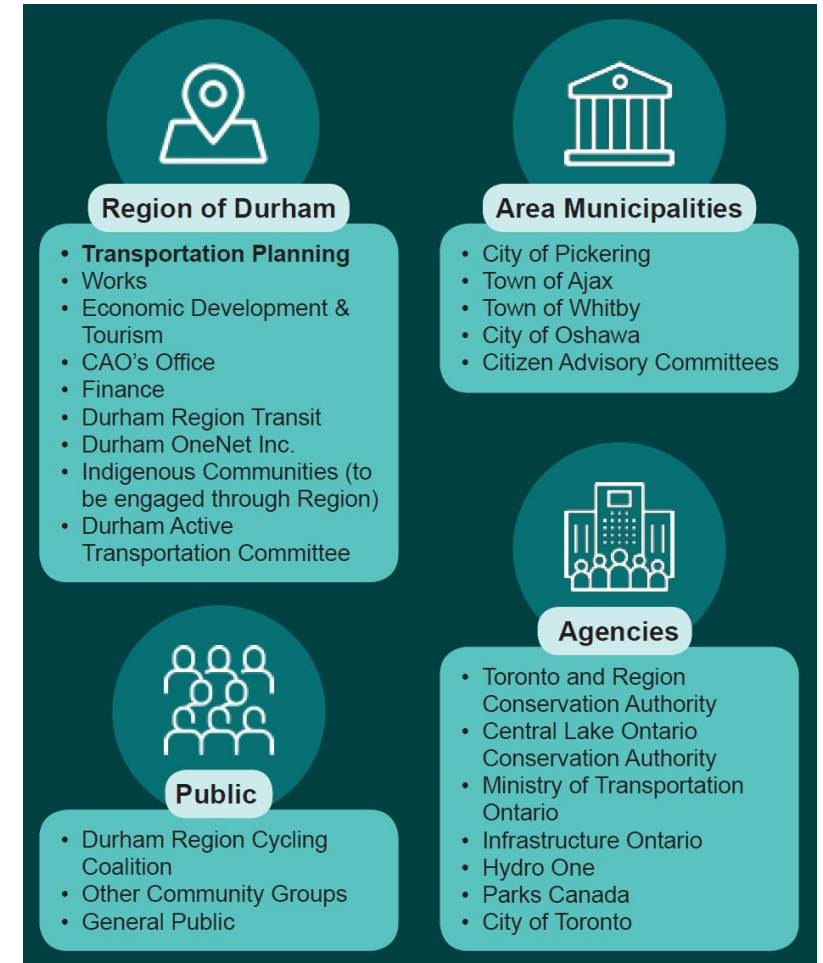
Locations for Amenities and Adjacent Uses

- Visualizing the character of amenities and landscapes

Implementation Considerations

- Road map for subsequent technical studies, design work and approval processes for project implementation

Engagement Partners



Vision Statement

The Durham Meadoway will connect diverse communities in Pickering, Ajax, Whitby and Oshawa with a unique and inclusive landscape experience that is both trail and destination, creating opportunities for culture and environmental stewardship.

Guiding Principles



**Natural
Environment**



**Healthy, Active
Lifestyles**



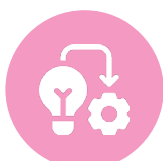
Community



Identity



**Connectivity and
Accessibility**

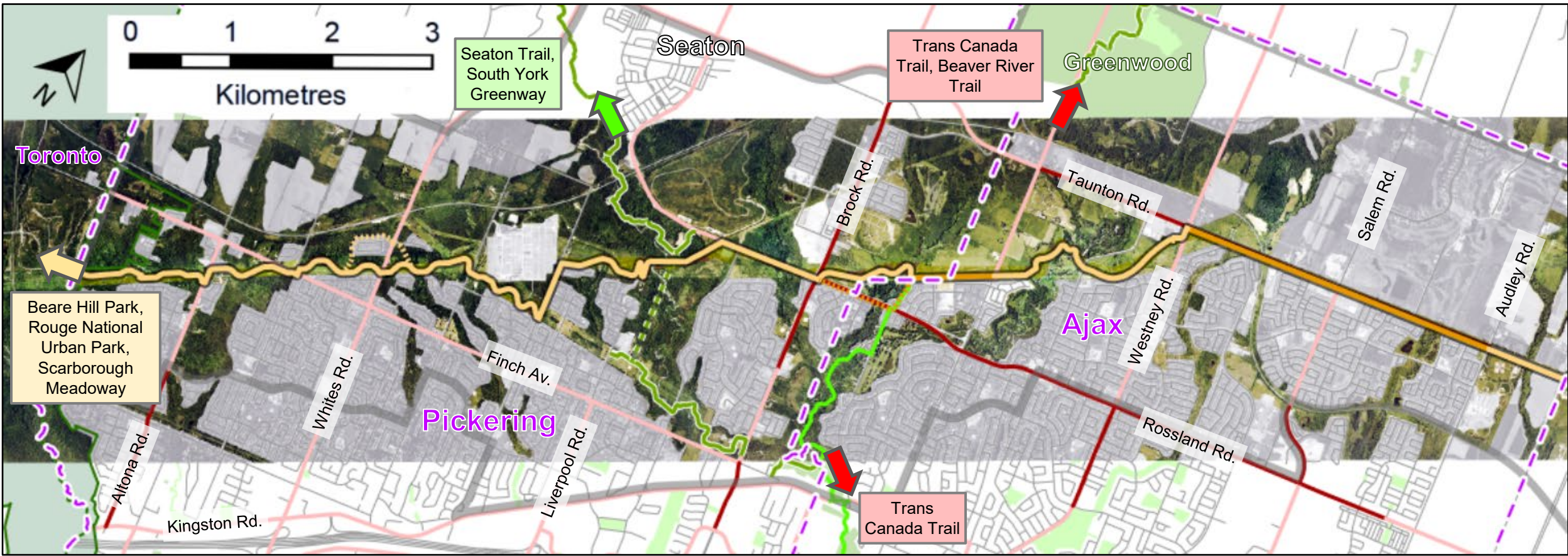


Implementation



A Connected Durham Meadowway

Map 1: West



Durham Meadowway Route

- Preferred Route – Existing
- Preferred Route – Future
- - - Interim Route – Existing
- - - Interim Route – Future

Other Primary Cycling Network (PCN - from Regional Cycling Plan)

- Existing On-Road Facility
- - - Future On-Road Facility
- Existing Off-Road Multi-Use Path
- - - Future Off-Road Multi-Use Path

Regional Trail Network

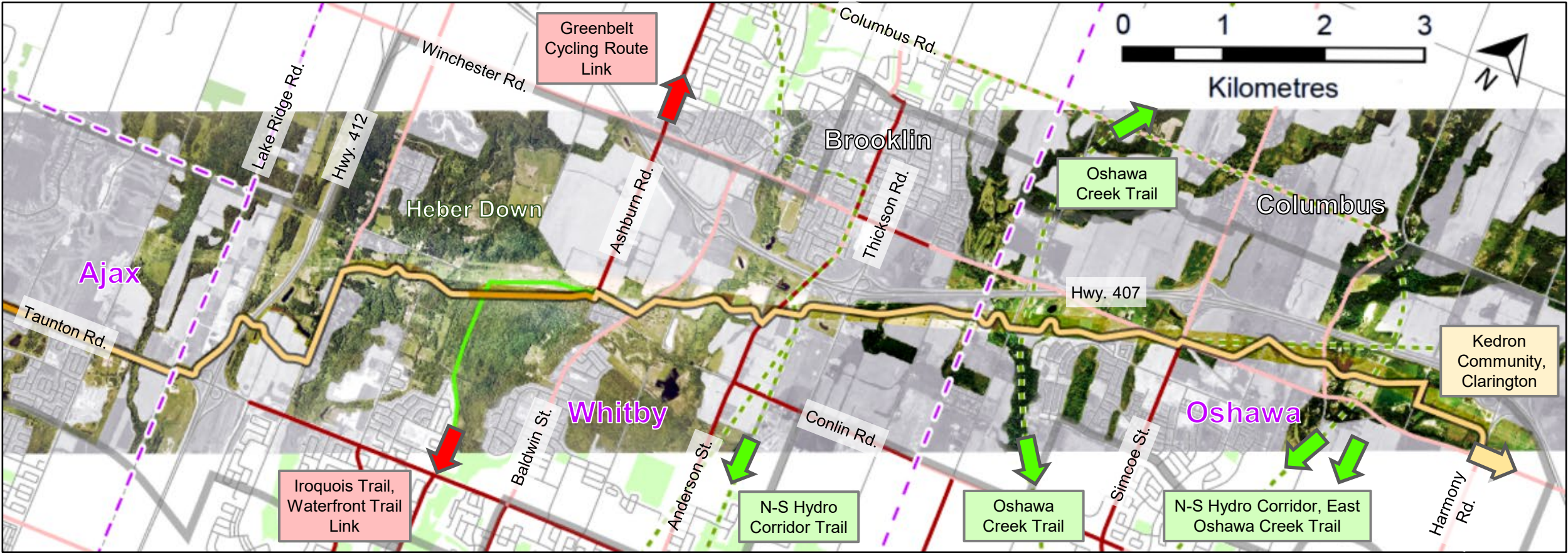
- Existing Trail
- - - Future Trail

Other Features

- Greater Study Area
- Rouge National Urban Park
- Conservation Lands
- Municipal Park

A Connected Durham Meadowway

Map 2: East



Durham Meadowway Route

- Preferred Route – Existing
- Preferred Route – Future
- ⋯ Interim Route – Existing
- ⋯ Interim Route – Future

Other Primary Cycling Network (PCN - from Regional Cycling Plan)

- Existing On-Road Facility
- Future On-Road Facility
- Existing Off-Road Multi-Use Path
- ⋯ Future Off-Road Multi-Use Path

Regional Trail Network

- Existing Trail
- ⋯ Future Trail

Other Features

- Greater Study Area
- Rouge National Urban Park
- Conservation Lands
- Municipal Park

The background image is a photograph of a park scene, overlaid with a semi-transparent green filter. It shows a wooden boardwalk or bridge over a pond. In the foreground, two people are sitting on the boardwalk, looking towards the pond. In the middle ground, a person is standing near a bicycle. In the background, there are trees and a flock of birds flying in the sky. The overall atmosphere is peaceful and natural.

02

Recommended Approach

Three Stage Process



Stage 1: Durham Meadoway Visioning Study (completed)

- Creates a cohesive vision for a legacy project; informs future design work
- Study led by SvN Architects + Planners
- Cost approx. \$215,000 (100% Region funded)

Stage 2: Implement the Durham Meadoway (proposed – 2024/2025)

- Prepare Memorandum of Understanding (MOU) and scope of work a Municipal Class Environmental Assessment (EA) Study
- Develop preliminary (30%) design drawings; determine construction costs and phasing
- Estimated cost approx. \$1.2 million (shared funding)

Stage 3: Construction (to be planned)

- Shovel ready projects; potential for external funding programs

Benefits of a Three Stage Process Approach

- Create a new recreational and utilitarian active transportation corridor
- Coordinated approach to implement project “end to end”
- Position the Region and area municipalities for external funding/ grant opportunities
- Potential synergies with other Regional initiatives
- Opportunity for additional public engagement



Road Map to Advance the Durham Meadowway

1. Endorse Visioning Study

- Framework and strategy to implement the Durham Meadowway project

2. Support the Creation of a MOU

- Define project administration role and responsibilities
- Define cost-sharing arrangement between Region and area municipalities for Durham Meadowway Class EA Study

3. Develop Scope of Work for Class EA Study

- Region to seek funding contribution of \$240,000 as part of the 2025 budget planning process
- Area municipalities requested to contribute funding based on uncompleted length of trail



03

The Vision

Examples of Trail Projects



Examples of Trail Projects - Toronto

Scarborough Meadoway Toronto

- 16 km Multi Use Trail with a medium-to-long term implementation plan
- The Durham Meadoway will seamlessly connect to Toronto's MUP



Examples of Trail Projects - Toronto

Finch Corridor Recreational Trail

- Fully implemented 15 km Multi-Use Trail with sports and parking facilities found within the Hydro corridor



Examples of Trail Projects - Hamilton

Pipeline Trail

- Fully implemented 6 km Multi-Use Trail running through stable residential neighbourhood with gateways and nodes

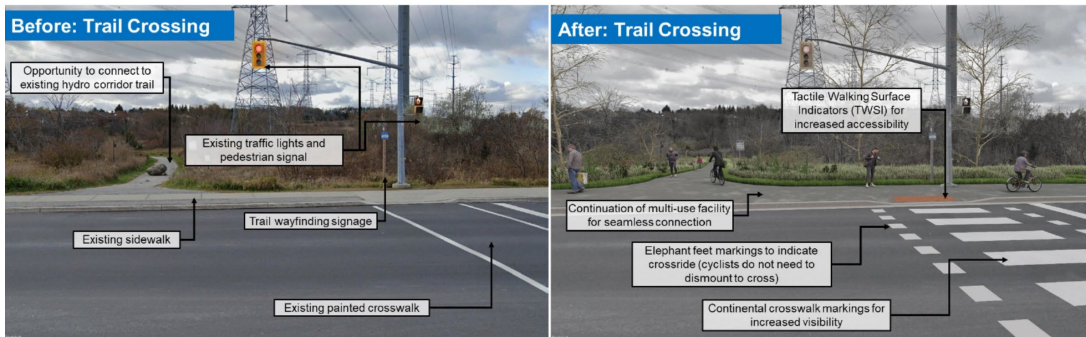


Examples of Trail Projects - York Region

South York Greenway

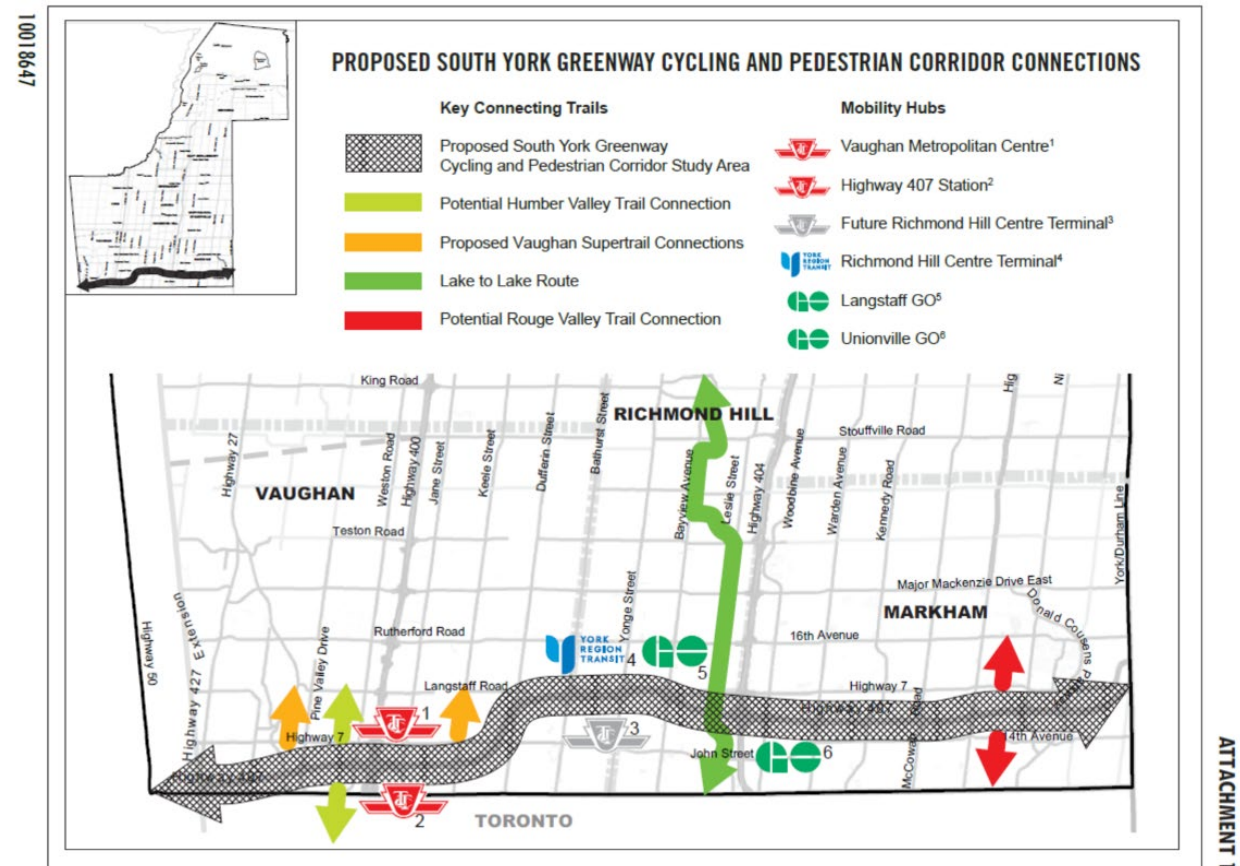
- Over 50km planned Multi-Use Trail crossing 3 municipalities along major Hydro corridor

Sample Renderings



SOUTH YORK GREENWAY PIC #2 | APRIL 7, 2022

20

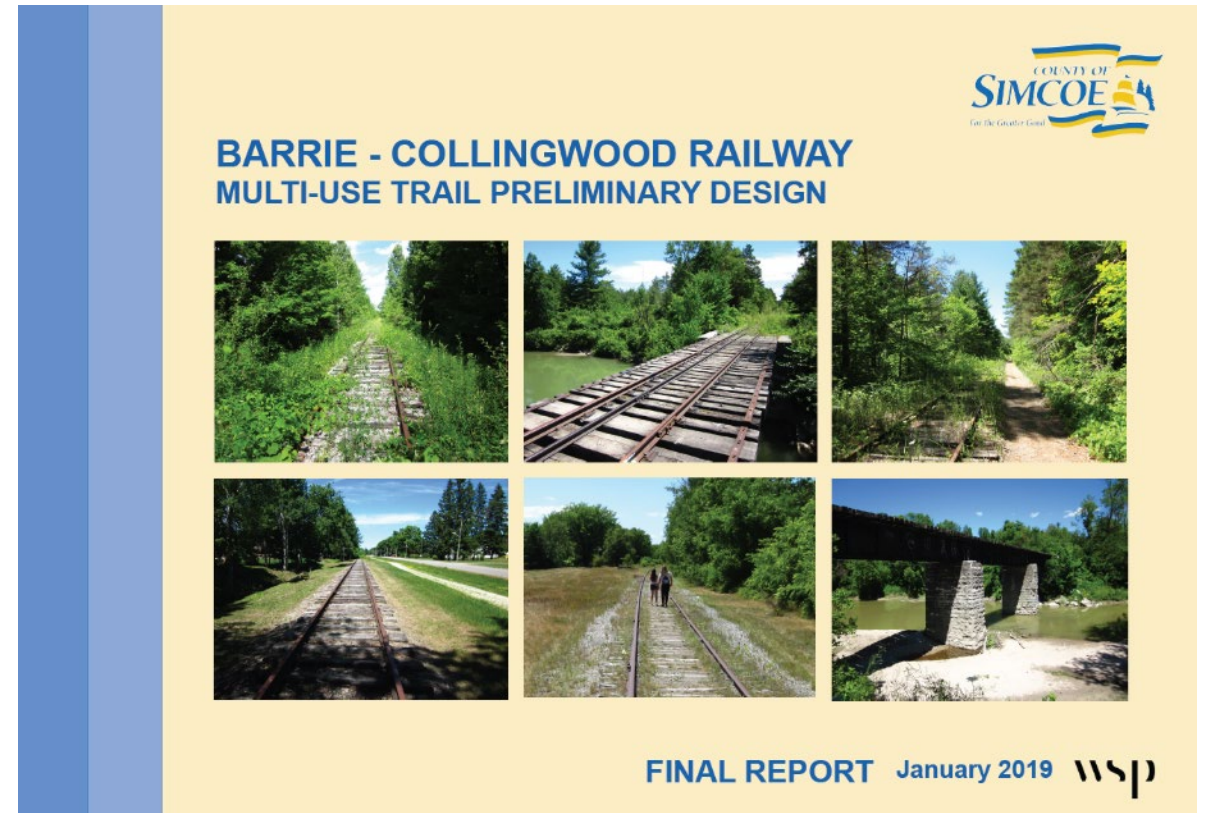


ATTACHMENT 1

Examples of Trail Projects - Simcoe County

Barrie – Collingwood Railway Multi-Use Trail

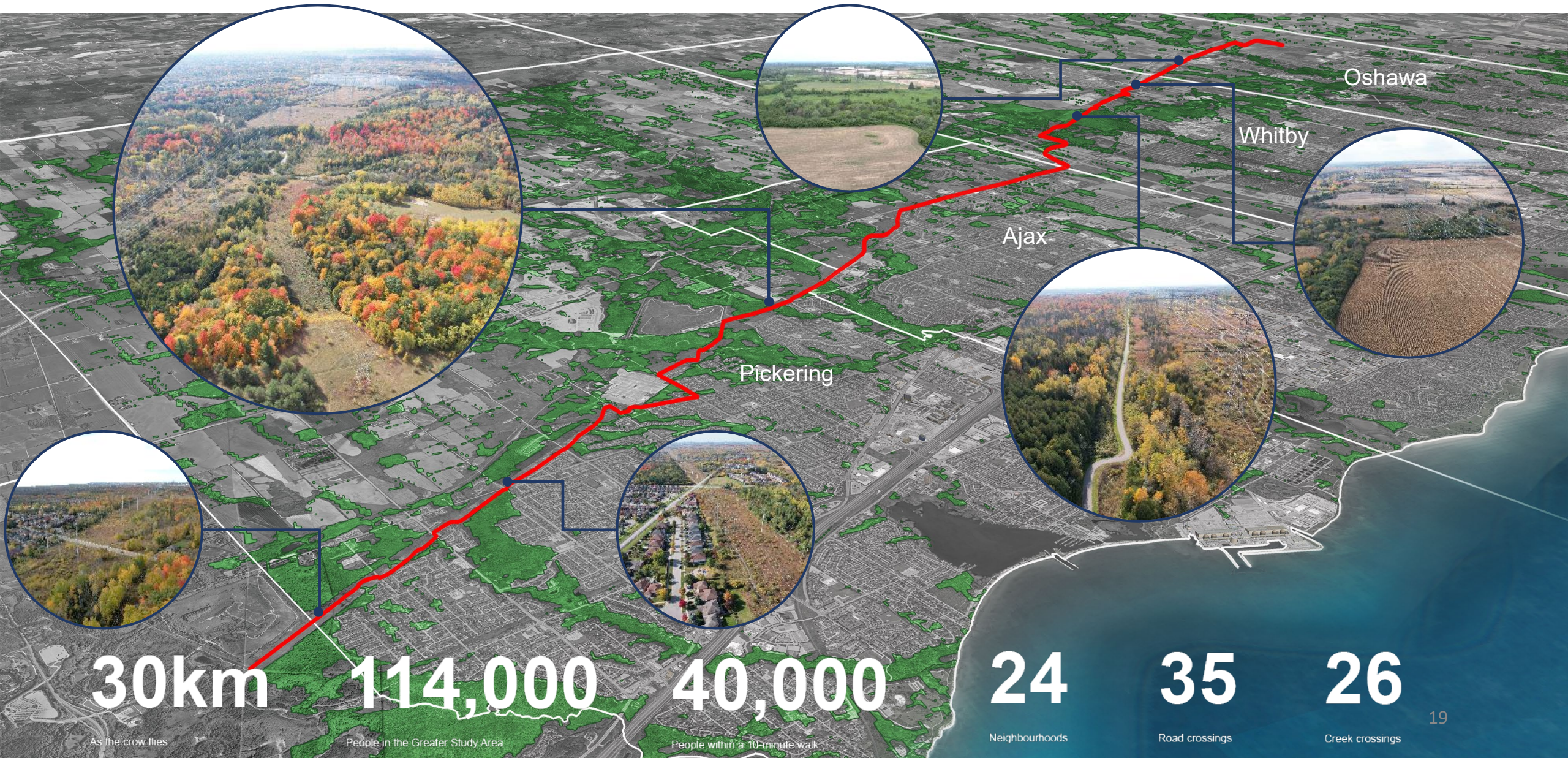
- 23 km planned Multi-Use Trail
- Municipal Class EA 2021 – 2023
- Construction commenced Fall 2023



Durham Meadoway – The Linear Park



The Linear Park



Linear Park - Opportunities

1 Adjacency to green urban areas / Connection through adjacent park

2 Existing nursery business / Repurpose nursery as community garden in transmission corridor

3 Road crossing / Uninterrupted underground crossing

4 Adjacency to urban areas / Connection to intersecting road

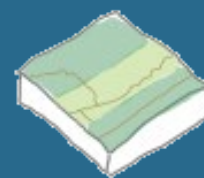
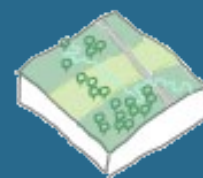
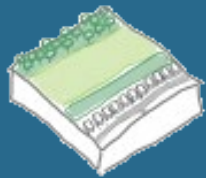
5 Adjacency to conservation areas / Enhancing natural heritage areas

6 Road crossing / Crossing at level street

7 Pathway crossing / Connection to existing pathway

8 Adjacency to green urban areas / Connection to existing park

9 Two road crossing / Crossing at level street with gateway



Linear Park - Toolkit



Enhanced
Planting



Bridge



Street level
crossing



Underground
crossing



Interpretative
signage



Lighting



Seating



Active play



Hardscape



Bike repair



Nodes



Wayfinding



Wetland
Restoration



Paving
marking



Parking



Healthy
Lifestyle



Identity



Public art



Allotment
gardens



Connectivity



Wildlife
Watching



Bike parking



Lookout



Sports

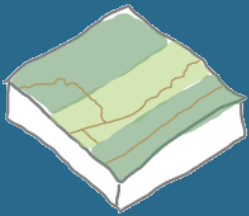
Linear Park - Typologies

Opportunities

- ④ Adjacency to urban areas /
Connection to intersecting road



- ⑦ Pathway /
Connection to existing pathway



Toolkit



Seating



Allotment
Gardens



Public Art



Wayfinding



Bike Repair



Identity



Enhanced
Planting

Typologies

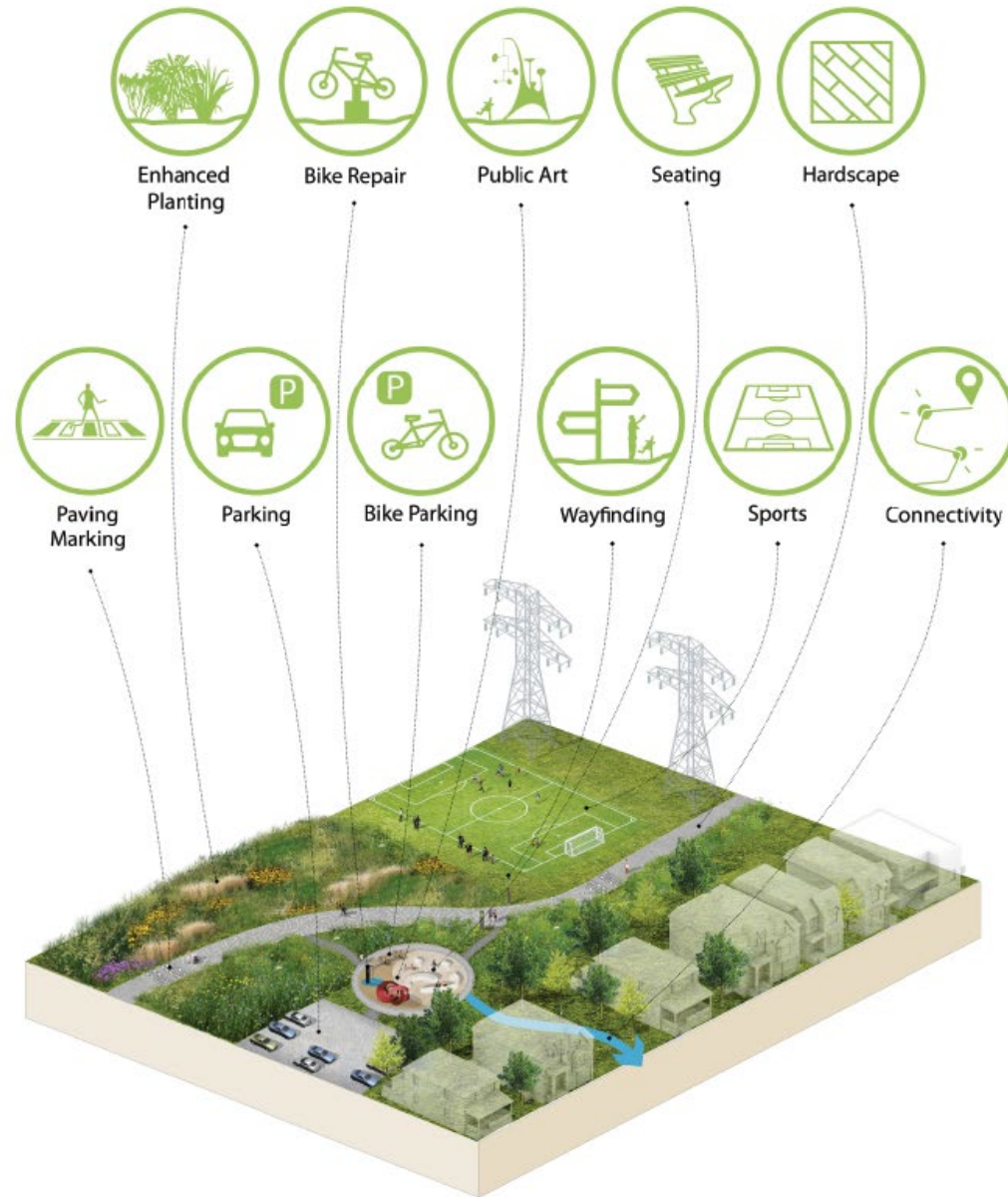


Garden & Community

Typologies

Active Play

The Active Play typology encompasses major destinations attracting people to engage in a variety of activities. It is recommended to locate Active Play nodes in association with existing or planned parks.



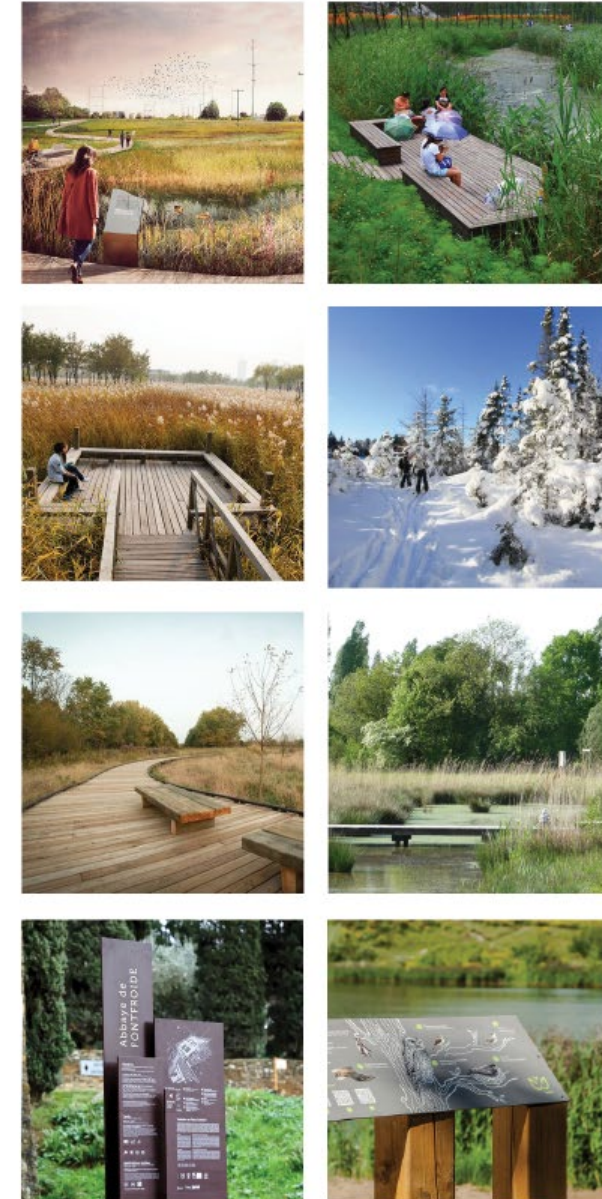
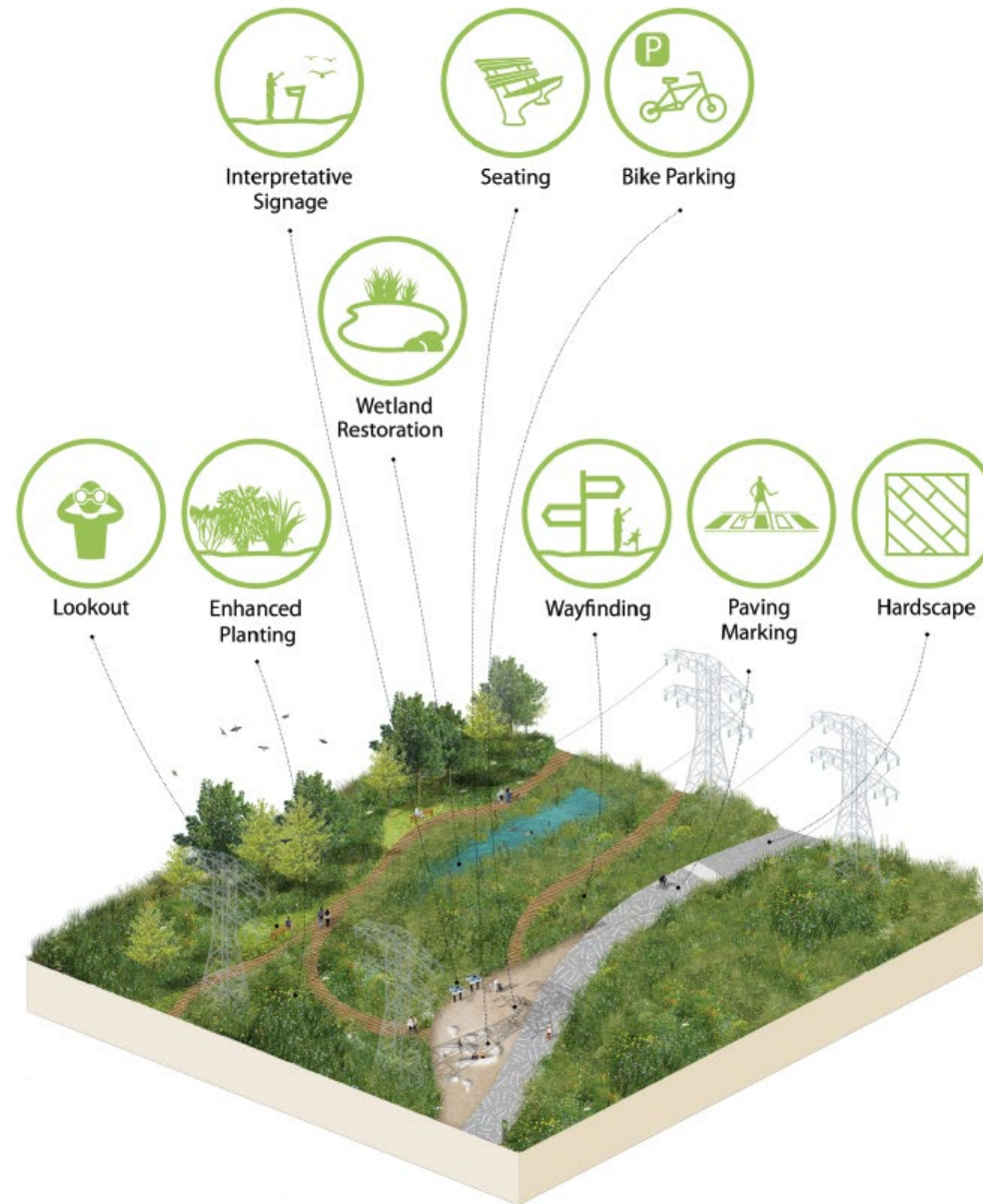
Active Play

Conceptual rendering of an Active Play Typology node along the Lynde Creek in Whitby. Multi-use sports fields in the transmission corridor expand the amenities of a future District Park, and connect to the Lynde Creek Trail, creating an enhanced destination.

Typologies

Nature Space

The Nature Space typology focuses on the natural environment. They are places where the ecological function of the corridor is enhanced or restored while allowing people to see and experience the natural environment for all seasons.



Nature Space



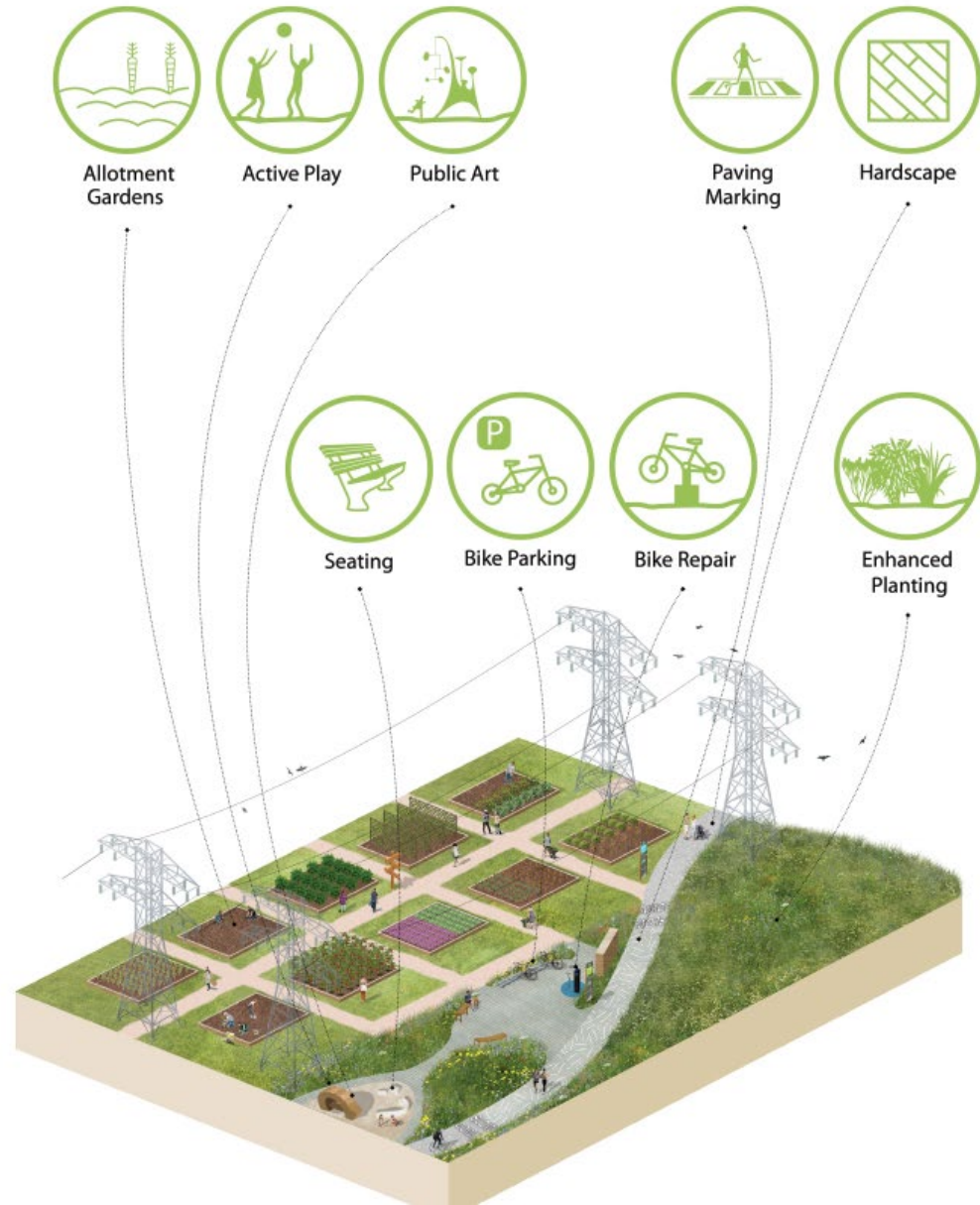
DURHAM MEADOWWAY

Conceptual rendering of a Nature Space Typology node. Existing natural features are conserved and enhanced, with amenities for trail users to experience and learn about nature.

Typologies

Garden and Community

The Garden and Community typology is focused on community gathering. It can include a wide range of activities that serve the local community, such as community garden plots, small play areas, public art, and spaces to host events like markets and festivals.



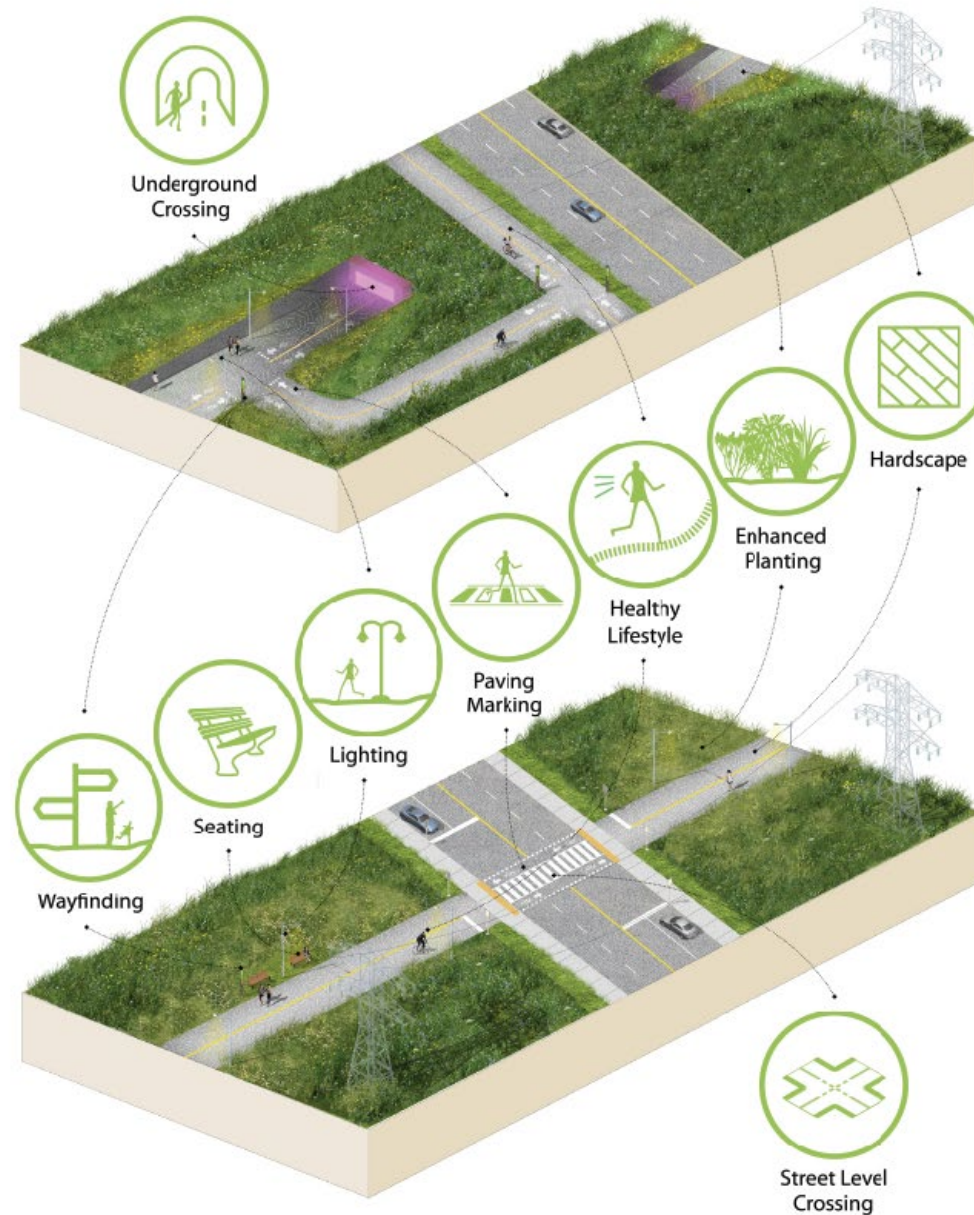
Garden and Community

Examples of the amenities and elements that form a toolkit for deploying along the Durham Meadowway. The typologies that follow illustrate how the elements from the toolkit can be combined to create placemaking.

Typologies

Road Crossings

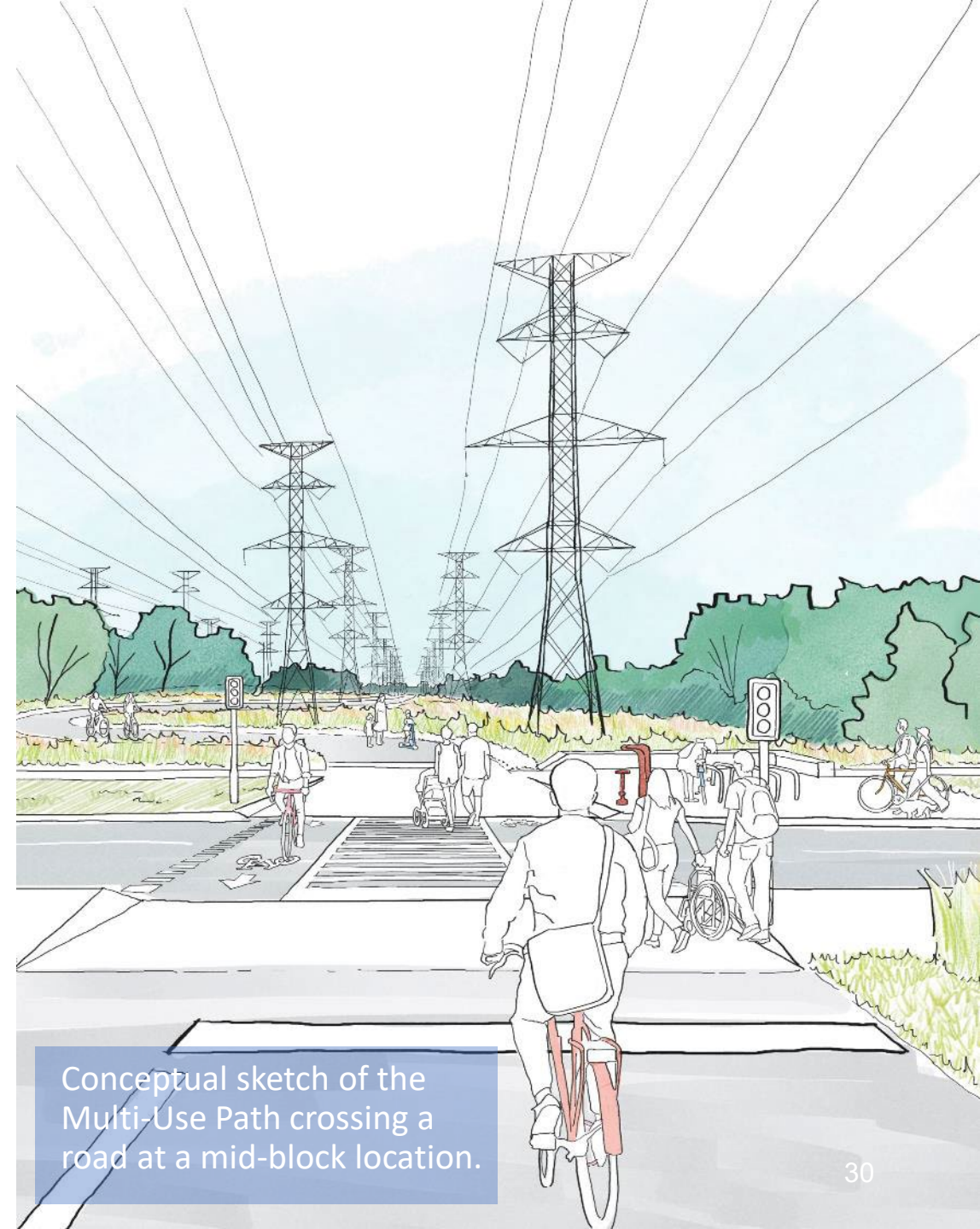
The Road Crossings typology establishes the design elements that provide Multi-Use Path users with predictable, clear and safe guidance for crossing roads and consistent branding and wayfinding to help them find their way along the route.



Road Crossings



Conceptual rendering of the Multi-Use Path crossing a road intersection.



Conceptual sketch of the Multi-Use Path crossing a road at a mid-block location.

Route Selection Considerations

Preferred Route Considerations

- Property ownership
- Hydro One secondary use licenses
- Provides the best end-to-end route for the Multi-Use Path (MUP) based on current information and input
- Route may be refined in the future based on the findings of technical studies

30km

As the crow flies

24

Neighbourhoods

35

Road crossings

26

Creek crossings



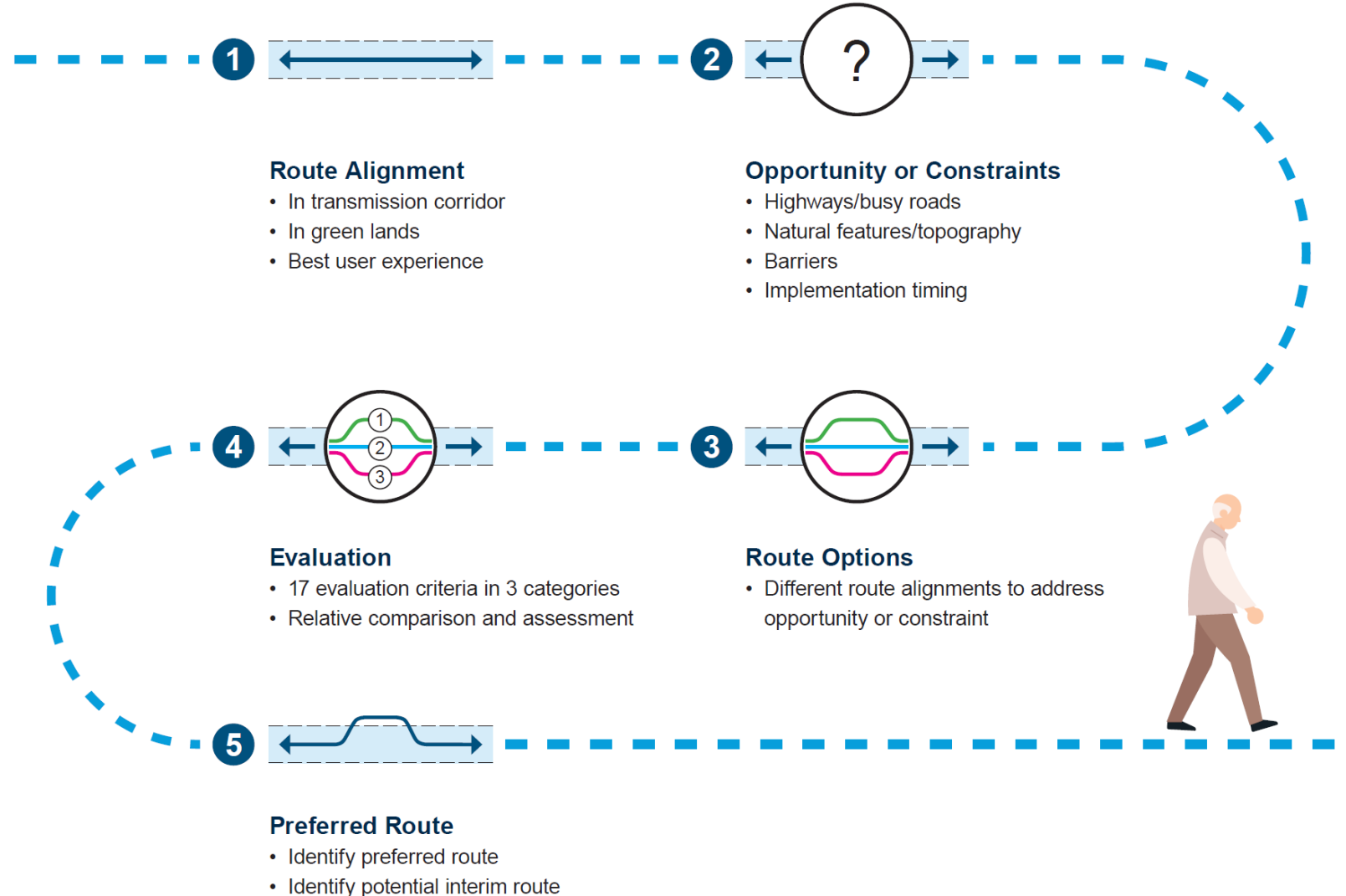
Route Evaluation Overview

Preferred Route

- Provides the best end-to-end route for the Multi-Use Path (MUP) based on current information and input
- Route may be refined in the future based on the findings of technical studies

Interim Connections

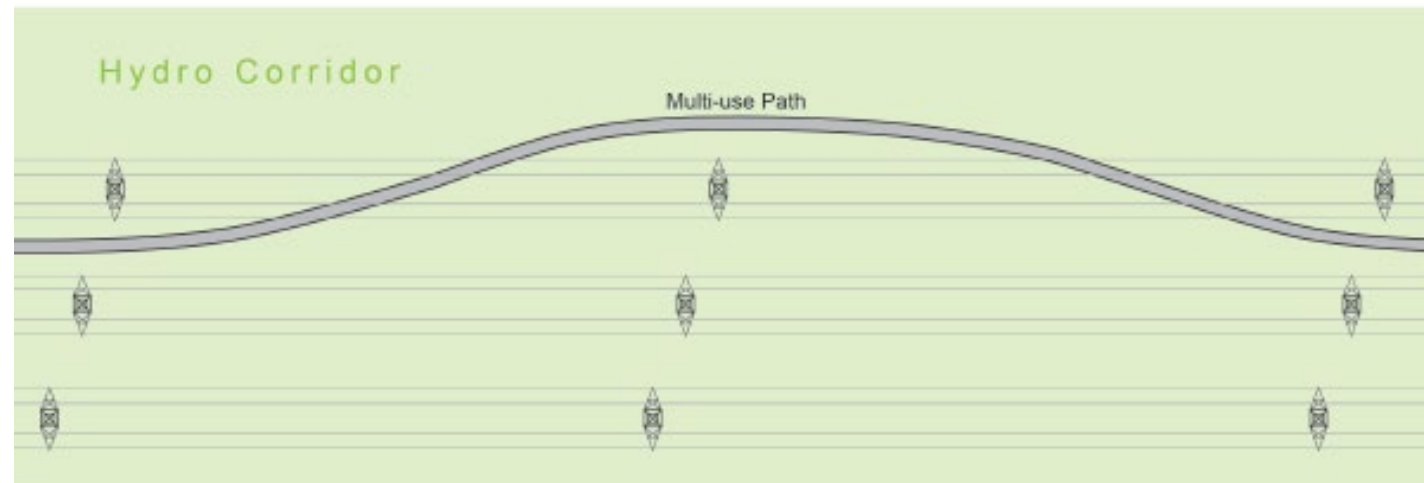
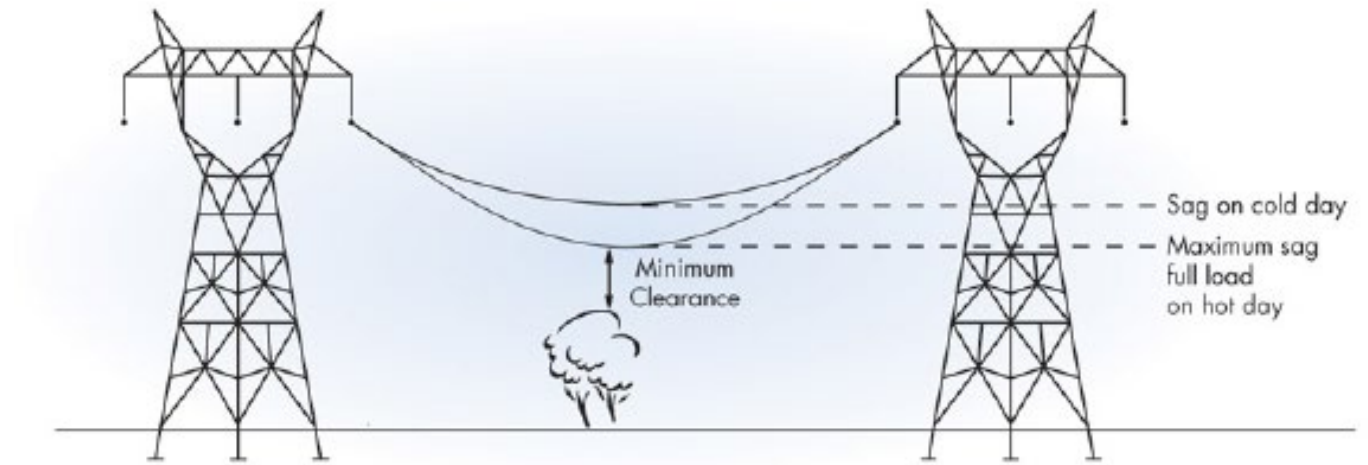
- Route for MUP that can be implemented faster were identified for two areas



Hydro One Corridor Considerations

Key Safety and Operational Considerations

- Vertical and horizontal clearances
- Buildings and permanent structures are not permitted
- Access to structures must be provided
- Grading, drainage and stormwater management
- Roads and parking
- Landscape planting restrictions
- Cost





Questions and Discussion

**Planning & Economic
Development Department**

Durham Meadoway Visioning
Study | Your Durham

SvN Architects
+ Planners

ARUP



durham.ca

[@RegionofDurham](#)

