

# Bayers Lake Business Park AT Functional Plan ATAC Session



March 25, 2021

# Project Background



**Integrated Mobility Plan (IMP):** Creates a vision for moving around the Halifax region and helps direct future investment in transportation demand management, transit, active transportation, and the roadway network it seeks to improve the links between residents and their communities.



**All Ages and Abilities ('AAA'):** Planning, design and programming that enables use by people of all ages and with a variety of physical abilities.



**Complete Streets:** Focus on moving people and goods instead of vehicles.



**Active Transportation (AT):** Any form of “humanpowered” mobility, such as walking, bicycling, skateboarding, using a wheelchair and rollerblading.



**Multi-Use Pathway (MUP):** A MUP allows for two-way, off-street pedestrian and bicycle use. Wheelchairs, joggers, skaters and other non-motorized users are also welcome. These trails are frequently found in parks and along water or utility corridors where there are few conflicts with motorized vehicles.

Project Background

Objectives

Critical Gaps Identified

Concept Design Options

Connecting Facilities to Intersections

Evaluation Criteria

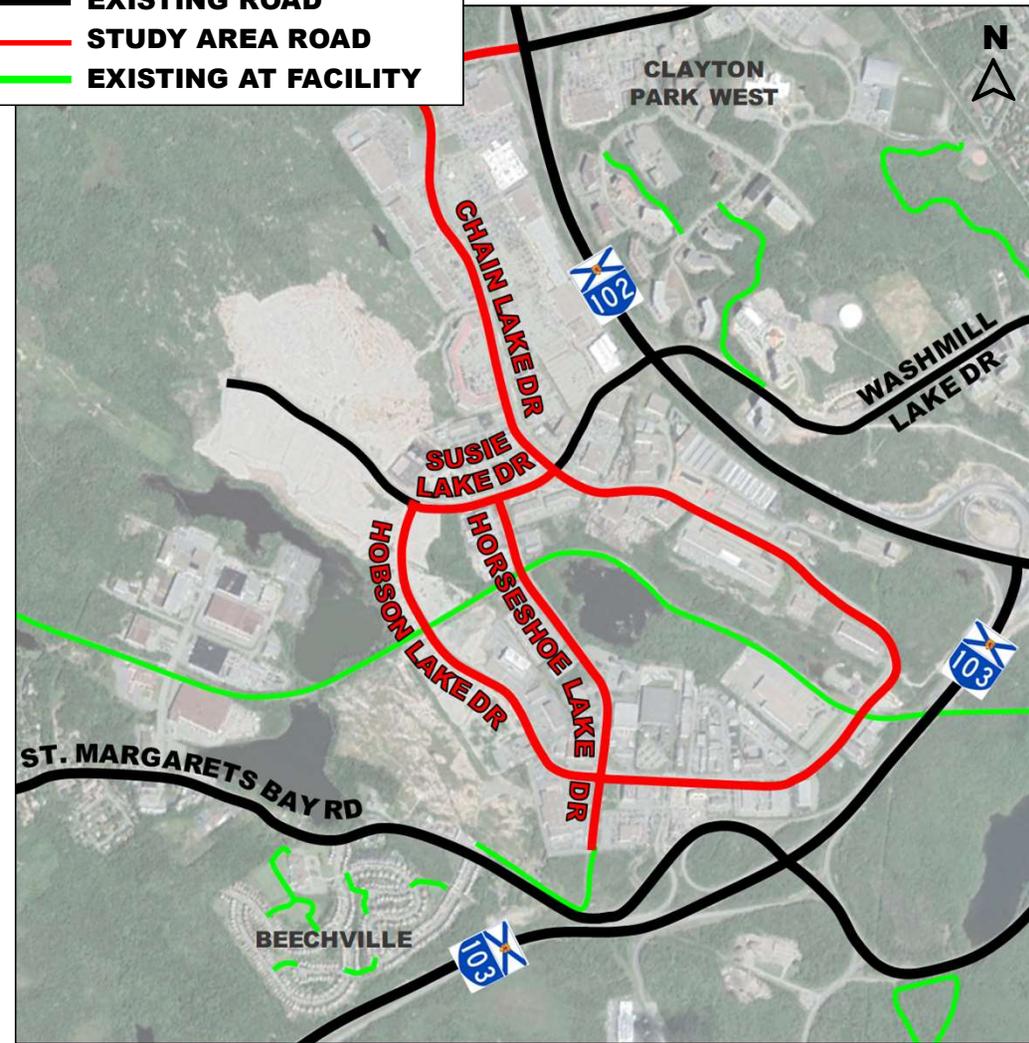
Project Scope

# Project Background

## Description of each project element:

- 1 Determine the Critical Gaps in the AT Network.
- 2 Determine the preferred route(s) and 'AAA' options to fill the Critical Gaps in the AT network.
- 3 Assess the feasibility of AT concept design options.

— EXISTING ROAD  
— STUDY AREA ROAD  
— EXISTING AT FACILITY



Project  
Background

**Objectives**

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Project Scope

## Objectives of the ATAC Session

Meeting with the public to:

- Review Concept Design Options
- Review Evaluation Criteria
- Discuss Project Next Steps

Project Background

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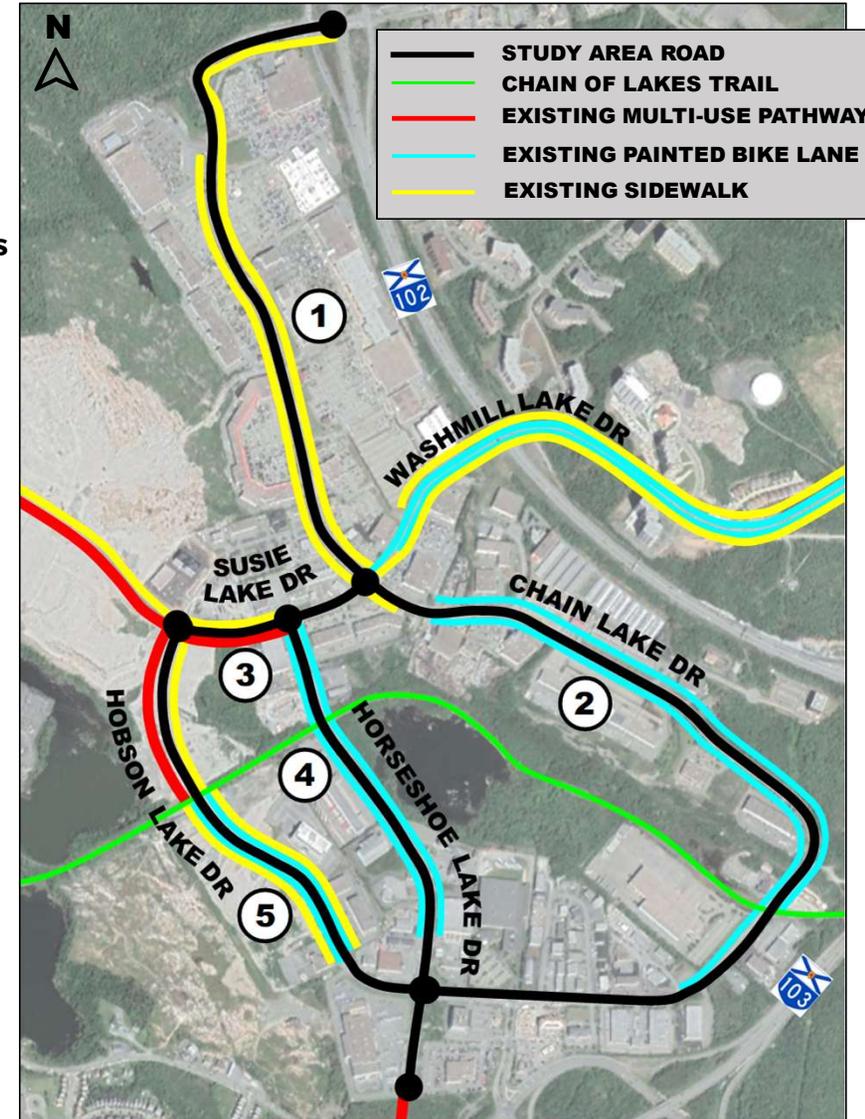
Connecting Facilities to Intersections

Evaluation Criteria

Project Scope

## Critical Gaps Identified

- ① **CHAIN LAKE DRIVE (North of Washmill Lake Dr)**
  - No bicycle connection to major retail destinations
- ② **CHAIN LAKE DRIVE (South of Washmill Lake Dr)**
  - No pedestrian facility on the majority of corridor
- ③ **SUSIE LAKE DRIVE**
  - Limited sidewalk on the north side
  - Limited multi-use pathway on the south side
- ④ **HORSESHOE LAKE DRIVE**
  - No pedestrian facility available
- ⑤ **HOBSON LAKE DRIVE**
  - Inconsistent facilities throughout



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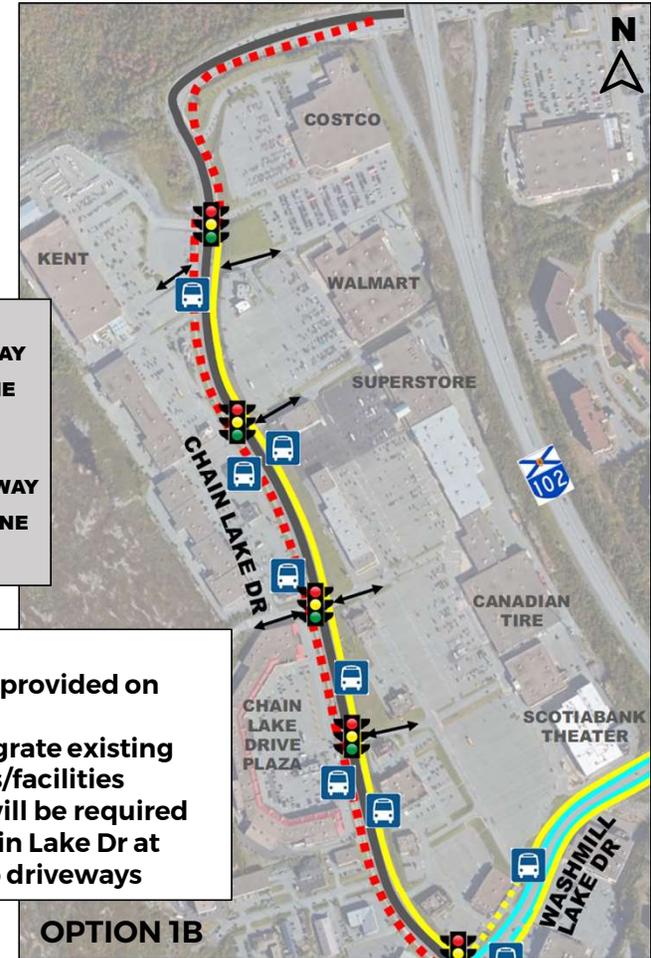
Connecting Facilities to Intersections

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# Concept Design Options

## 1 CHAIN LAKE DRIVE (between Lacewood Drive and Washmill Lake Drive)



Which side of Chain Lake Drive would you like to have more access to?

Both options include a proposed sidewalk and bike lane connection on Washmill Lake Drive.

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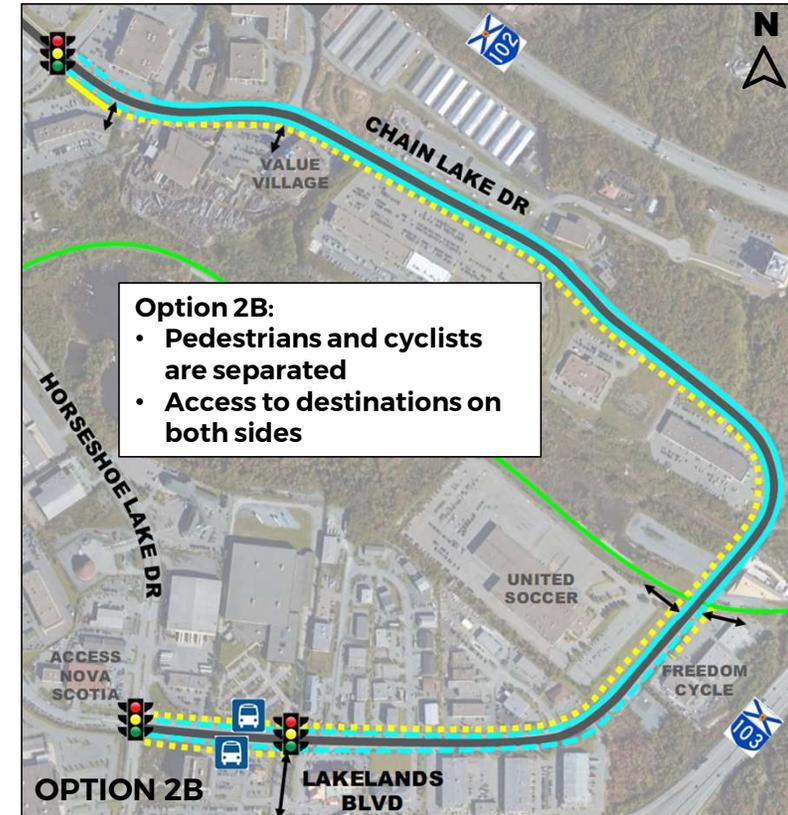
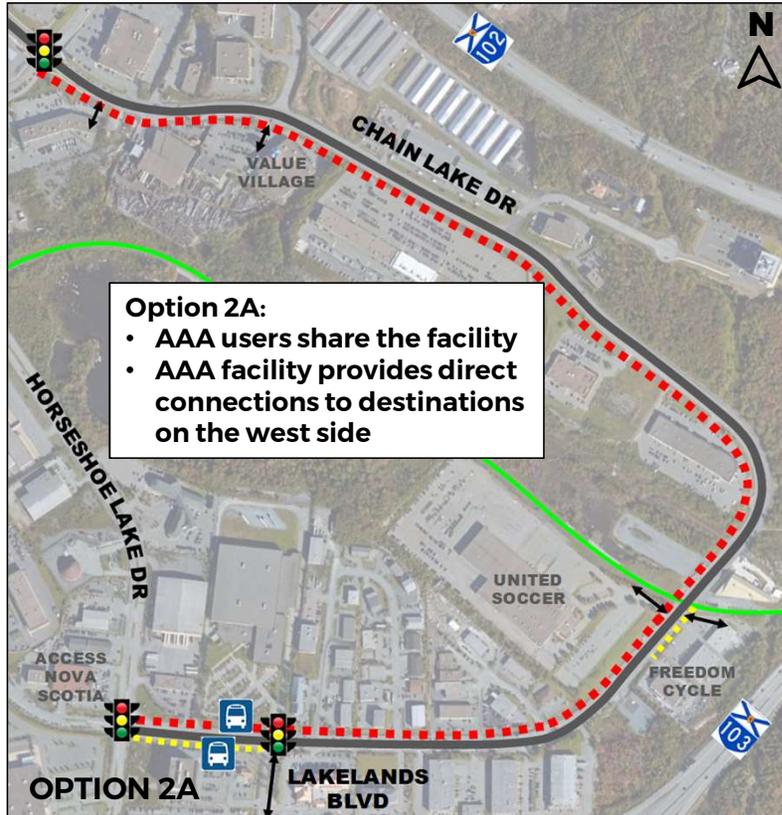
Connecting Facilities to Intersections

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Project Scope

# Concept Design Options

## ② CHAIN LAKE DRIVE (between Washmill Lake Drive and Horseshoe Lake Drive)



Would you like to have more access to destinations on the east or west side of Chain Lake Drive?

	STUDY AREA ROAD		POTENTIAL CONNECTIONS
	CHAIN OF LAKES TRAIL		PROPOSED MULTI-USE PATHWAY
	EXISTING MULTI-USE PATHWAY		PROPOSED PAINTED BIKE LANE
	EXISTING PAINTED BIKE LANE		PROPOSED SIDEWALK
	EXISTING SIDEWALK		



Project Background

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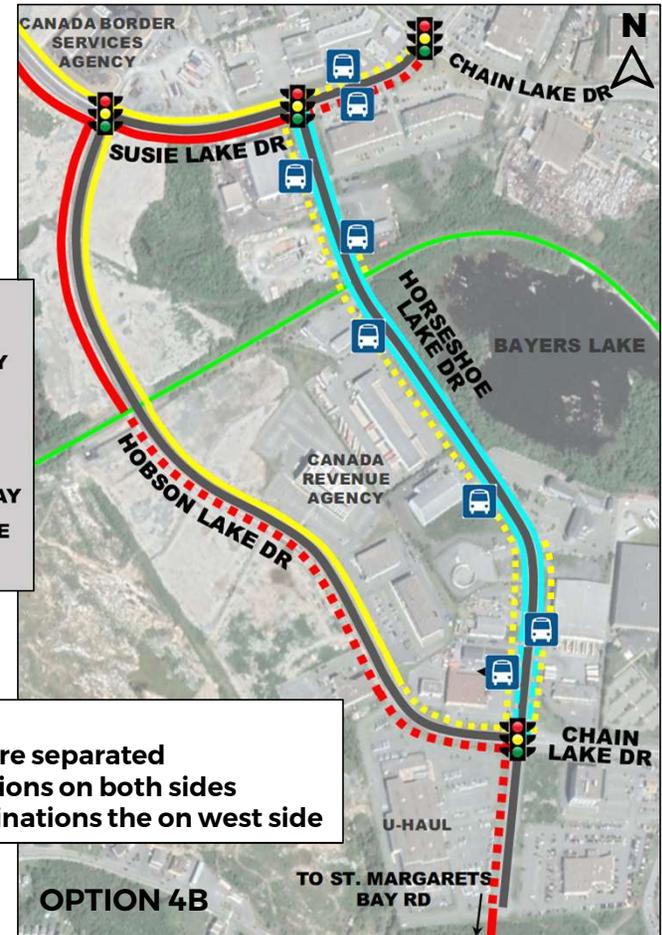
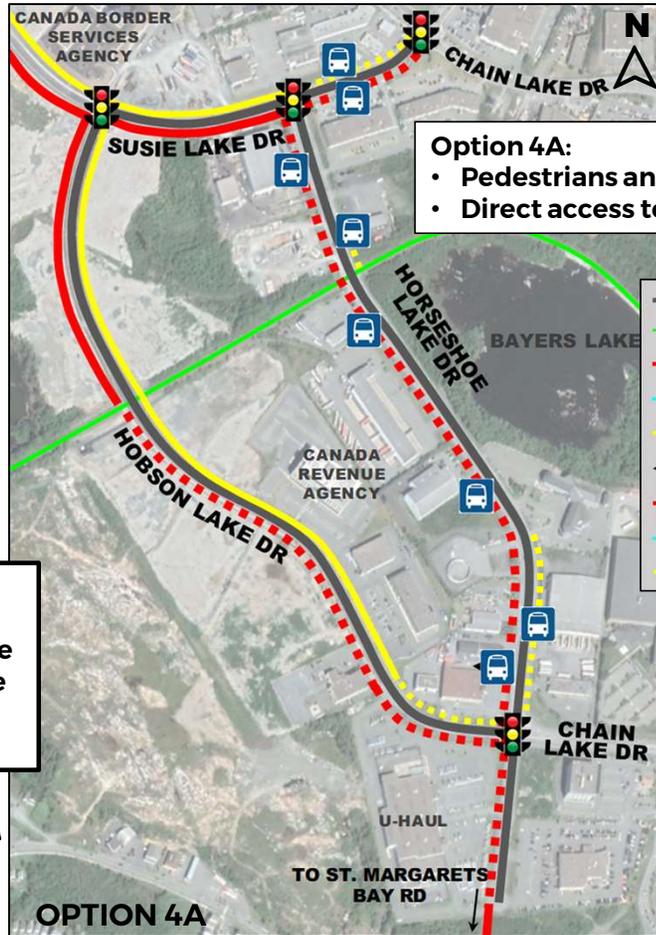
Connecting Facilities to Intersections

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Project Scope

# Concept Design Options

③ SUSIE LAKE DRIVE    ④ HORSESHOE LAKE DRIVE    ⑤ HOBSON LAKE DRIVE



**STUDY AREA ROAD** (Grey line)

**CHAIN OF LAKES TRAIL** (Green line)

**EXISTING MULTI-USE PATHWAY** (Red line)

**EXISTING PAINTED BIKE LANE** (Blue line)

**EXISTING SIDEWALK** (Yellow line)

**POTENTIAL CONNECTIONS** (Black double-headed arrow)

**PROPOSED MULTI-USE PATHWAY** (Red dashed line)

**PROPOSED PAINTED BIKE LANE** (Blue dashed line)

**PROPOSED SIDEWALK** (Yellow dotted line)

Which side of Horseshoe Lake Drive would you like more direct access to?



\*MUP option will be reviewed on the east and west side of Horseshoe Lake Drive\*

Project Background

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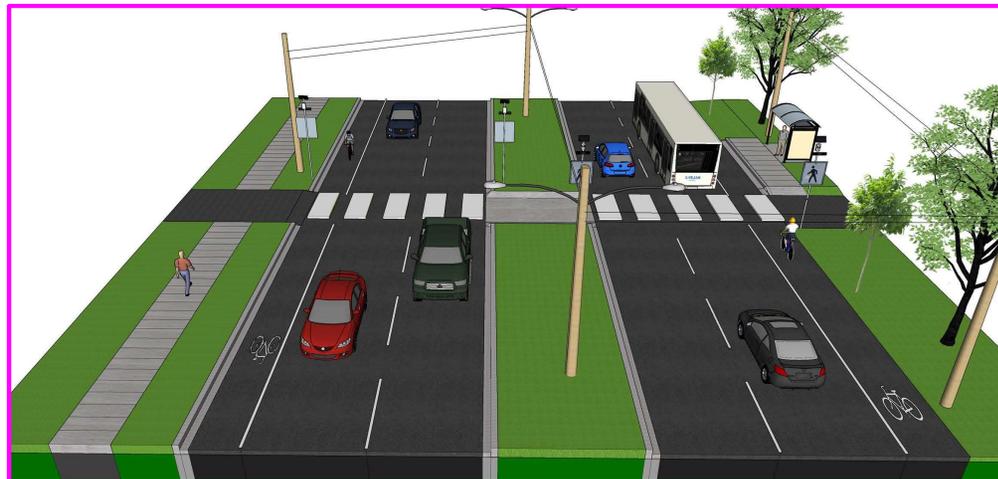
Concept Design Options

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# Concept Design Options - Cross Section Examples



Project Background

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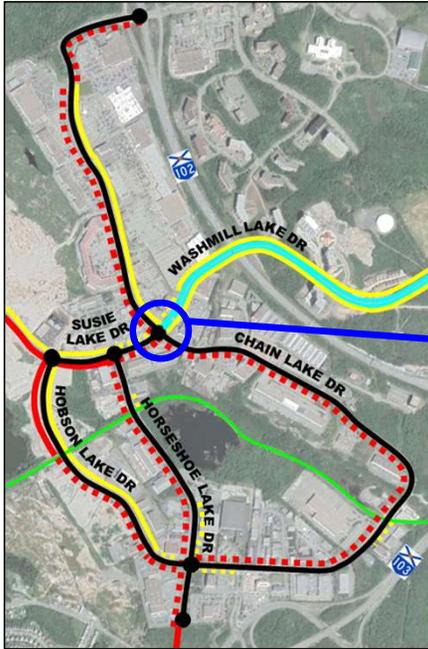
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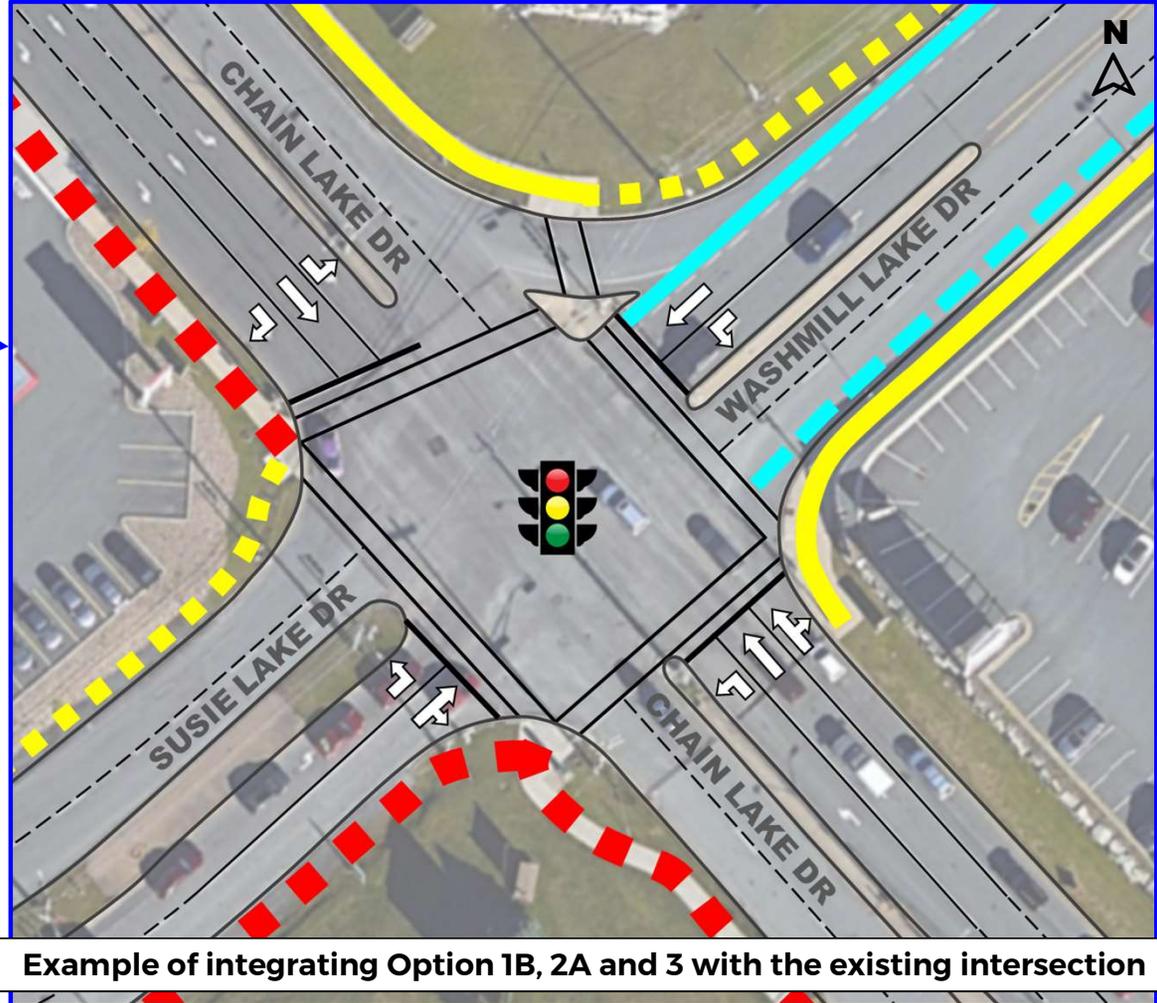
Project Scope

# Connecting to Facilities to Intersections

## Chain Lake Drive @ Susie Lake Drive / Washmill Lake Drive



	<b>EXISTING MULTI-USE PATHWAY</b>
	<b>EXISTING PAINTED BIKE LANE</b>
	<b>EXISTING SIDEWALK</b>
	<b>PROPOSED MULTI-USE PATHWAY</b>
	<b>PROPOSED PAINTED BIKE LANE</b>
	<b>PROPOSED SIDEWALK</b>



Example of integrating Option 1B, 2A and 3 with the existing intersection

Project Background

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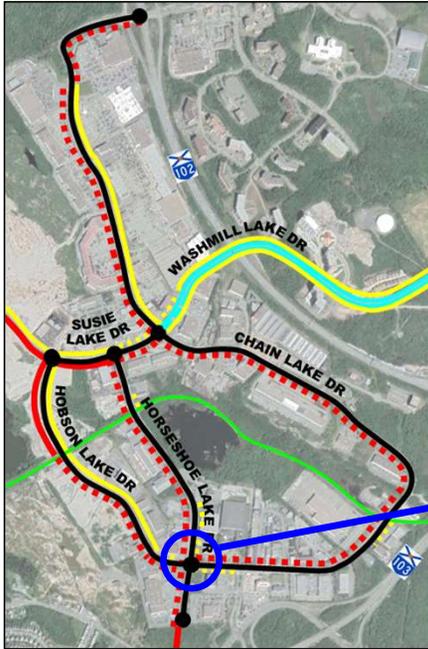
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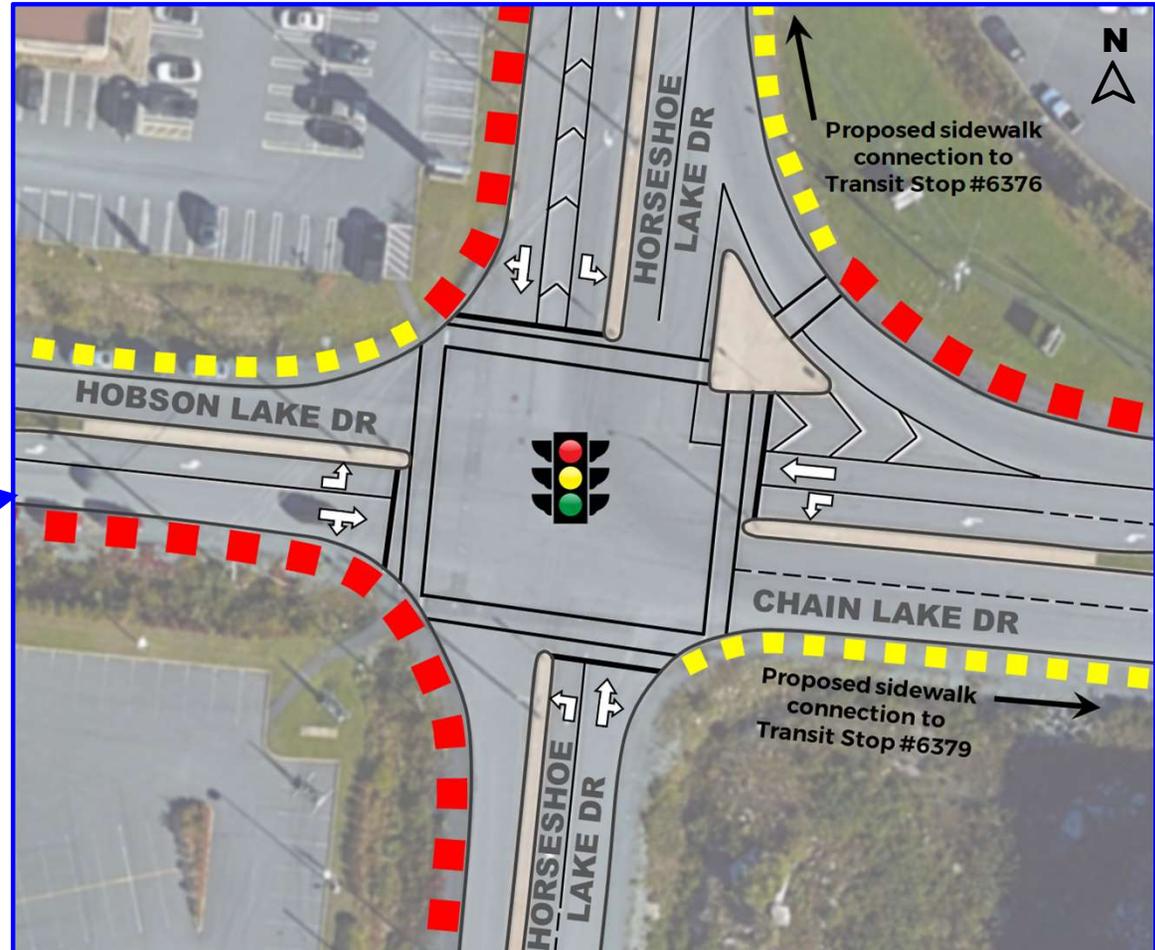
Project Scope

# Connecting to Facilities to Intersections

## Horseshoe Lake Drive @ Hobson Lake Drive / Chain Lake Drive



	<b>EXISTING MULTI-USE PATHWAY</b>
	<b>EXISTING PAINTED BIKE LANE</b>
	<b>EXISTING SIDEWALK</b>
	<b>PROPOSED MULTI-USE PATHWAY</b>
	<b>PROPOSED PAINTED BIKE LANE</b>
	<b>PROPOSED SIDEWALK</b>



Example of integrating Option 2A, 3 and 4A with the existing intersection.

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Project Scope

# Evaluation Criteria

**Concept design options will be evaluated based on the following:**

- **Connectivity & Directness**
- **Comfort**
  - Comfort for people walking
  - Comfort for people cycling
- **Safety & Accessibility**
- **Impact to:**
  - Traffic, Transit & Parking
  - Environment (Trees & Green Spaces)
  - Utilities
- **Public Feedback Response**
- **Internal HRM Review**
- **Cost and Ease of Implementation**

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**Project Scope**

## Project Scope

### ✓ Project Initiation and Management

- ✓ Site Walk
- ✓ Obtain Data

### ✓ Stakeholder Meetings

- ✓ Community Workshop (Date TBD)
- ✓ Pop-Up Engagement (Resident Survey, Shape Your City)

### ✓ Review of Existing Conditions

### ✓ Conceptual AT Facility Design Options

#### • Public and Stakeholder Engagement



- Active Transportation Advisory Committee (ATAC) Meeting – March 25, 2021
- Public Online Live Sessions – April 7<sup>th</sup>, 8<sup>th</sup>, 10<sup>th</sup>, 2021

#### • AT Facility 30% Design

#### • Final Report (Summer 2021)