

# Modernizing Process and Maintaining Environmental Accountability

Presentation by Peel Region and the City of Mississauga  
Ontario Association for Impact Assessment (OAIA) Conference  
October 23, 2024



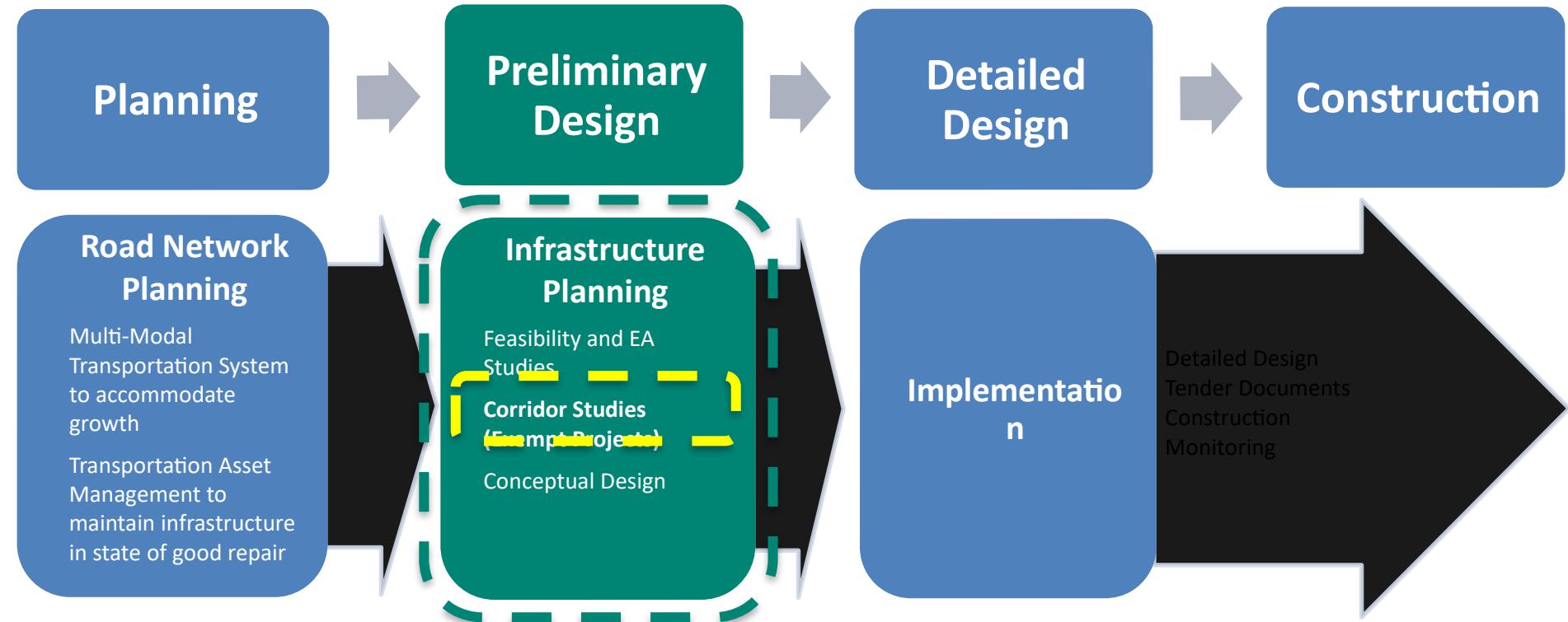
# Overview

- Environmental Assessment (EA) Act Modernization
- Approach to Infrastructure Planning for Road Projects
- Case Studies in Peel and Mississauga

# EA Act Modernization



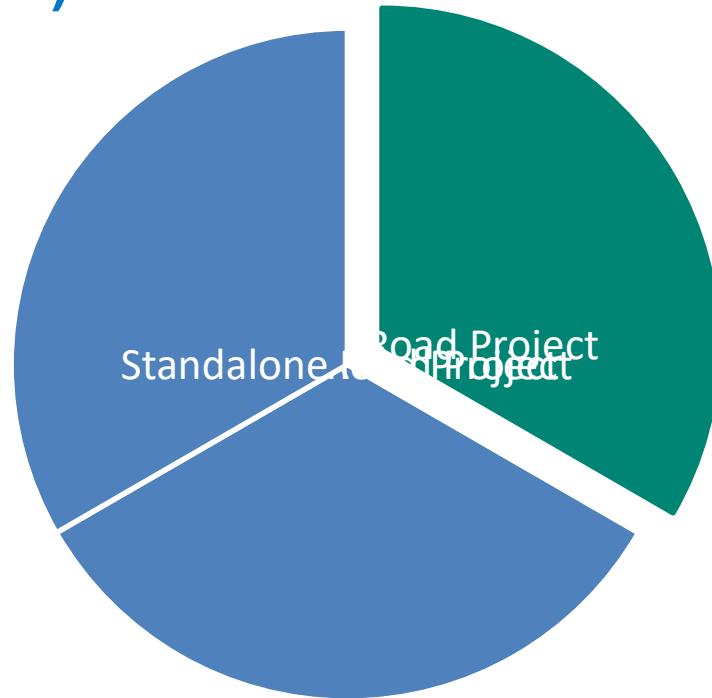
# Planning and Design Context



## Corridor Studies (Exempt Projects)

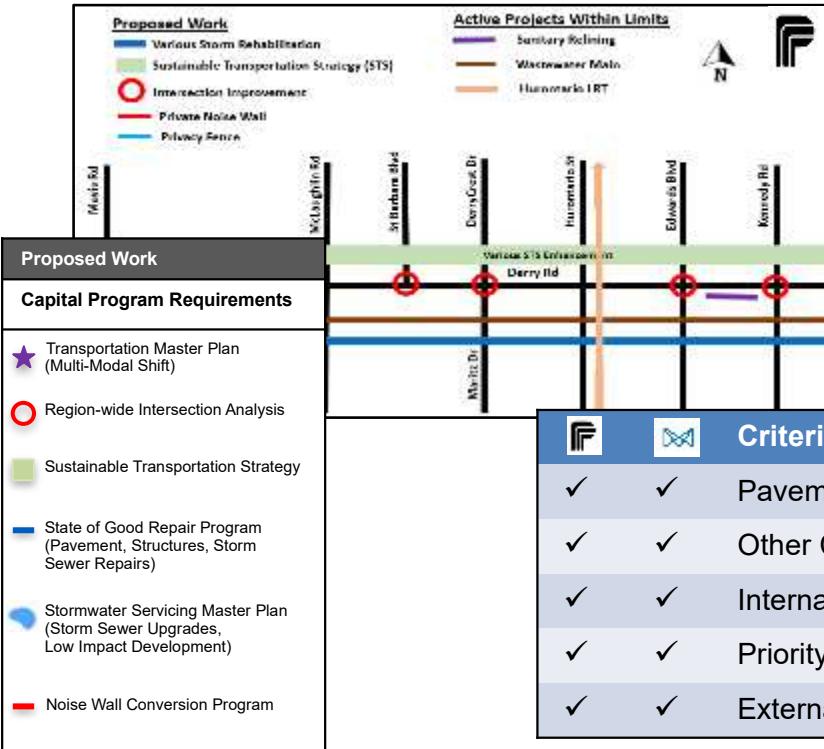


Peel Region

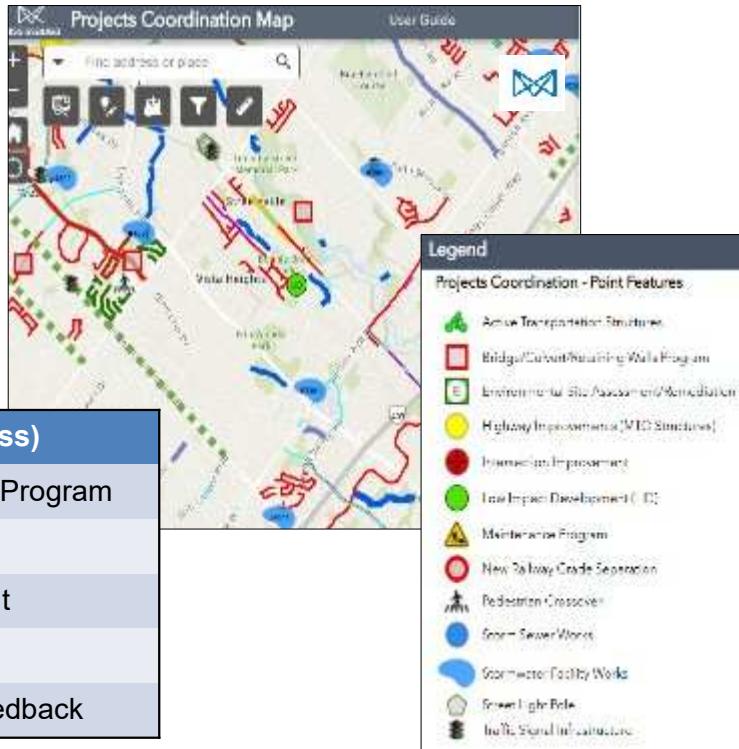


City of Mississauga

# How are corridor projects identified?



		Criteria (Iterative Process)
✓	✓	Pavement Rehabilitation Program
✓	✓	Other Capital Programs
✓	✓	Internal Stakeholder Input
✓	✓	Priority Screening
✓	✓	External Stakeholder Feedback



# Project Characteristics



Exempt Projects (formerly Schedule A or A+ Class EA)



Limited to no property impacts



High level of complexity and coordination



Medium to high profile



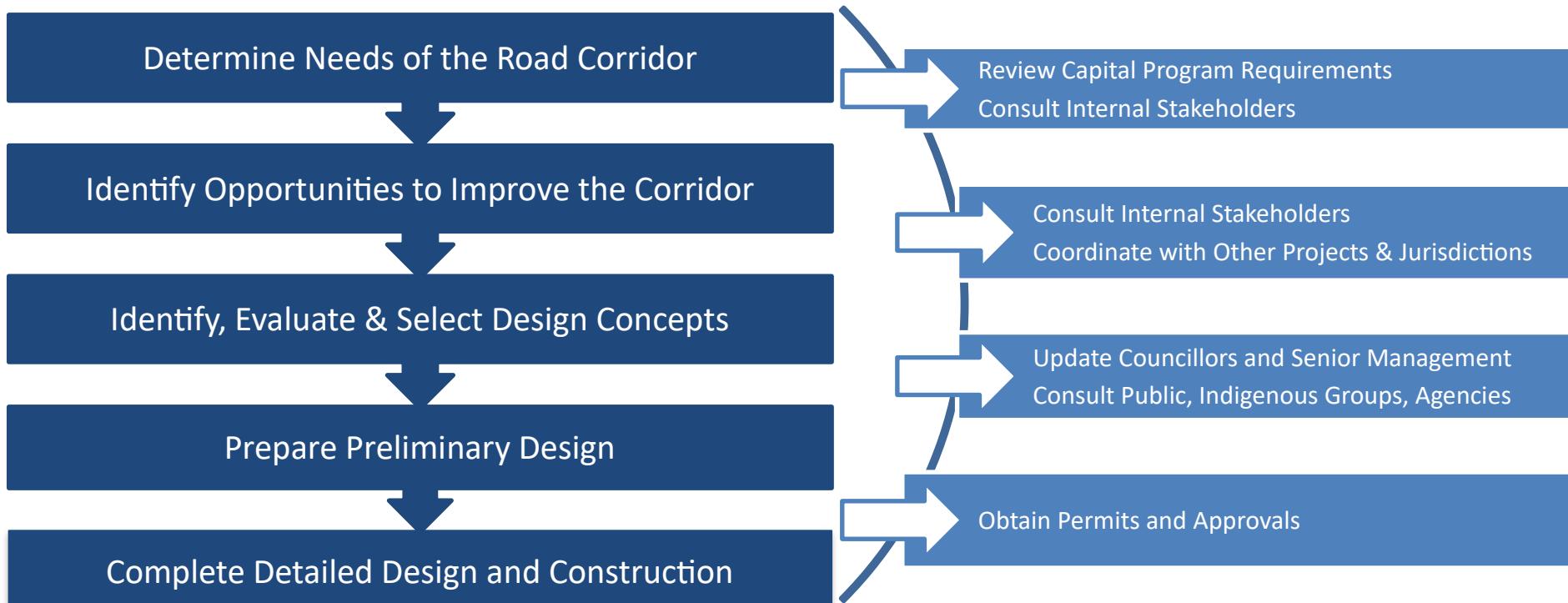
Significant public engagement

# Project Objectives

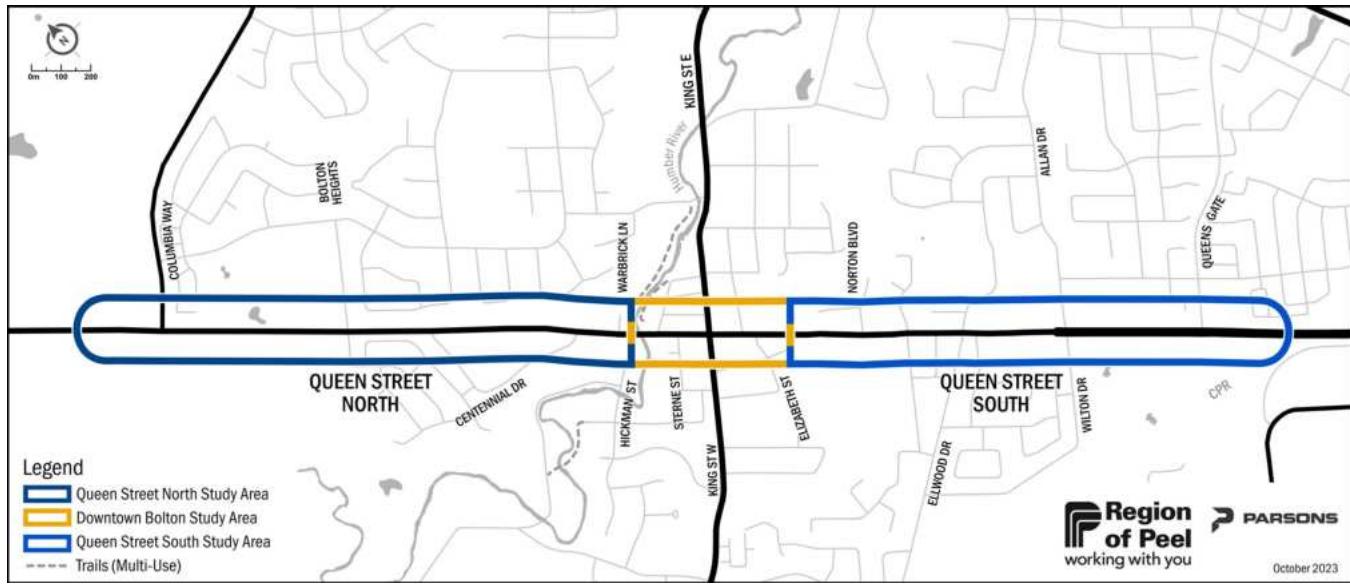
-  Create a complete street that safely supports all modes of transportation for all ages and abilities
-  Maintain municipal infrastructure in State of Good Repair
-  Implement one coordinated plan for all corridor improvements



# “EA-Like” Approach



# Queen Street (Highway 50) Complete Corridor Study and Preliminary Design



# Infrastructure Requirements

 Pedestrian Infrastructure & Accessibility Upgrades	 Pavement Resurfacing / Rehabilitation
 New Cycling Infrastructure	 Storm Sewer Repairs
 Property Access & Intersection Improvements	 Private to Public Noise Wall Replacements
 Speed Reduction Measures	 Green Infrastructure
 Streetlighting Upgrades	

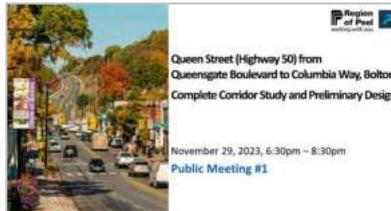
# Consultation Plan

Public Notices  
Virtual / Site / Public Meetings  
Walking Audit\*  
Report Circulations\*\*  
Project Website



Technical Advisory Committee\*\*  
Community Stakeholder Group\*  
Indigenous Communities\*\*  
Interested Public

## What we heard...



Pedestrian & Cyclist Safety,  
Comfort, and Accessibility



Property & Business Access



Traffic Operations & Safety



Street Parking & Streetscaping

# Pedestrian & Cycling Infrastructure

- Multi-use Path on one or both sides of the road
- One-Way Cycle Track on both sides or Two-Way Cycle Track on one side of the road
- Separated Bike Lane on both sides

Design Options

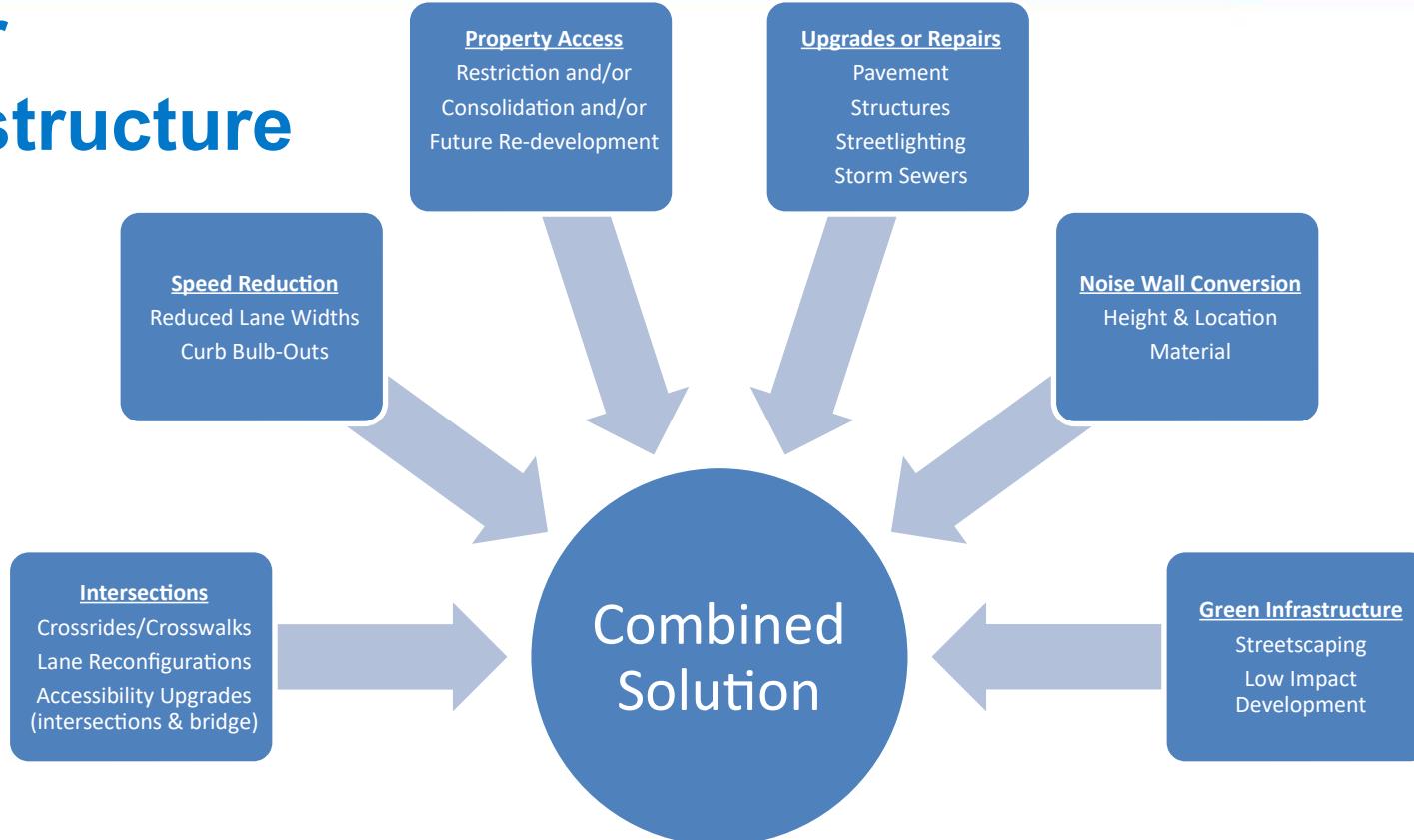
Evaluation Criteria

- Transportation & Engineering
- Natural, Cultural, Social & Economic Environment
- Healthy Community

- Cycle Track or Separated Bike Lane within downtown Bolton
- Multi-use Path beyond downtown Bolton

Combined Solution

# Other Infrastructure



# Lessons Learned (in progress)



Cost and time implications of scoping requirements



Understanding the needs of internal and external stakeholders

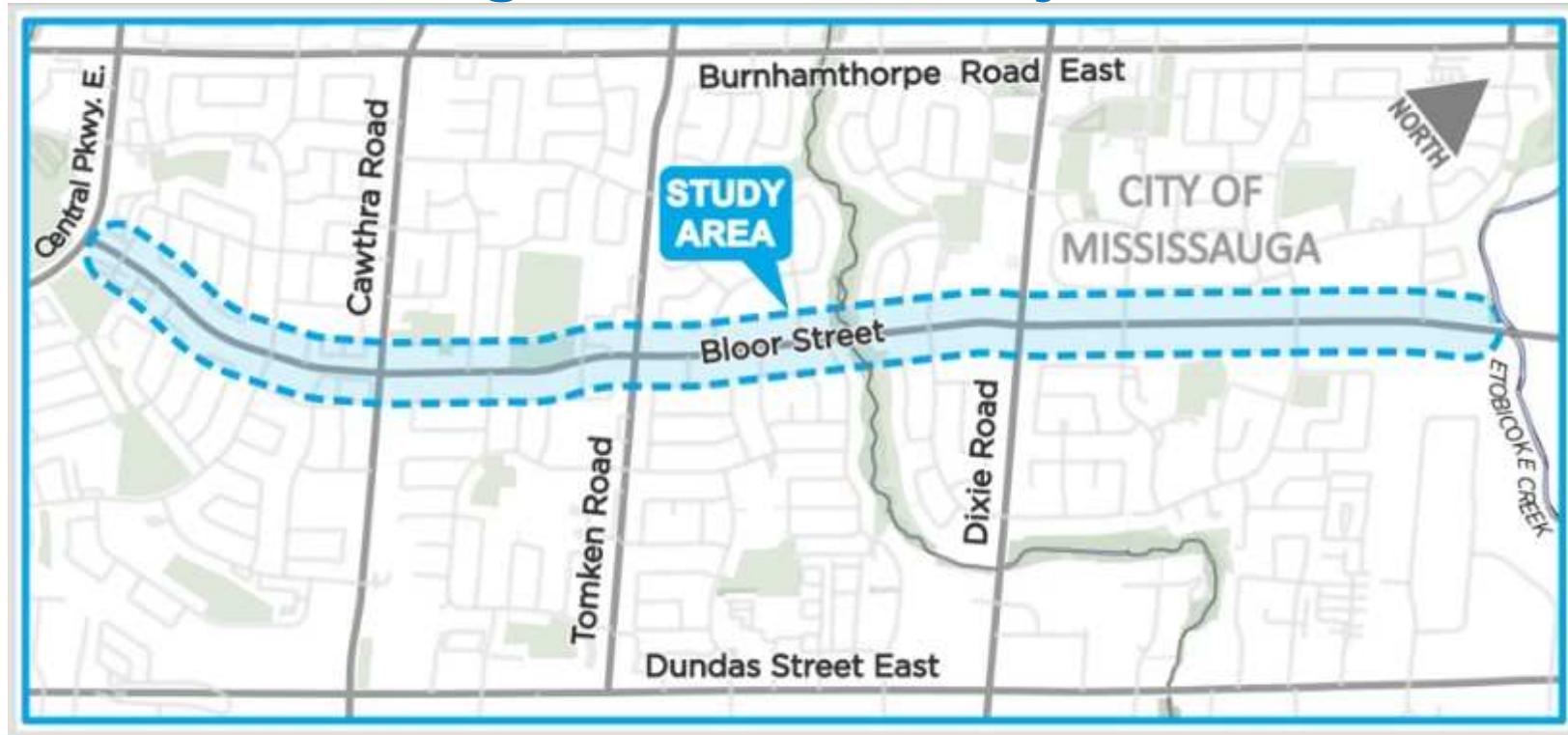


Designing and updating the consultation program to reflect the level of community impact or interest



Consultant understanding of the coordinated approach to infrastructure planning

# Bloor Street Integrated Road Project



# Infrastructure Requirements Considered



Road Resurfacing



Intersection & Road Safety



Bridge Rehabilitation



Cycling Facilities



Noise Walls

# Typical Factors



Speed & Lane Reduction



Accessibility



Drainage & Stormwater



Streetscaping



Utility Impacts



Maintenance Impacts

# Consultation Plan



## What we heard...

- Active transportation
- Traffic operations
- Speeding
- Sightline at driveways
- Noise levels
- Utilities and maintenance



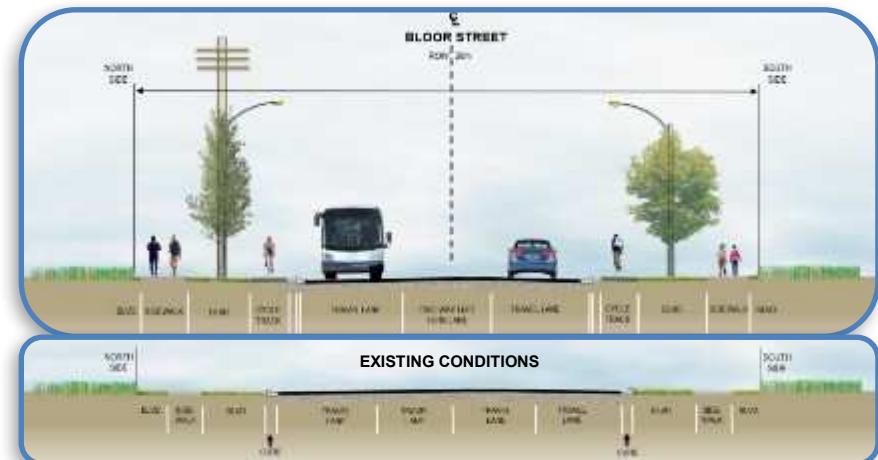
# Cycling Facilities

- One-Way Cycle Track on both sides with 4 or 2 Lanes
- Separated Bike Lane on both sides with 2 Lanes
- Two-Way Cycle Track on North or South side with 4 Lanes

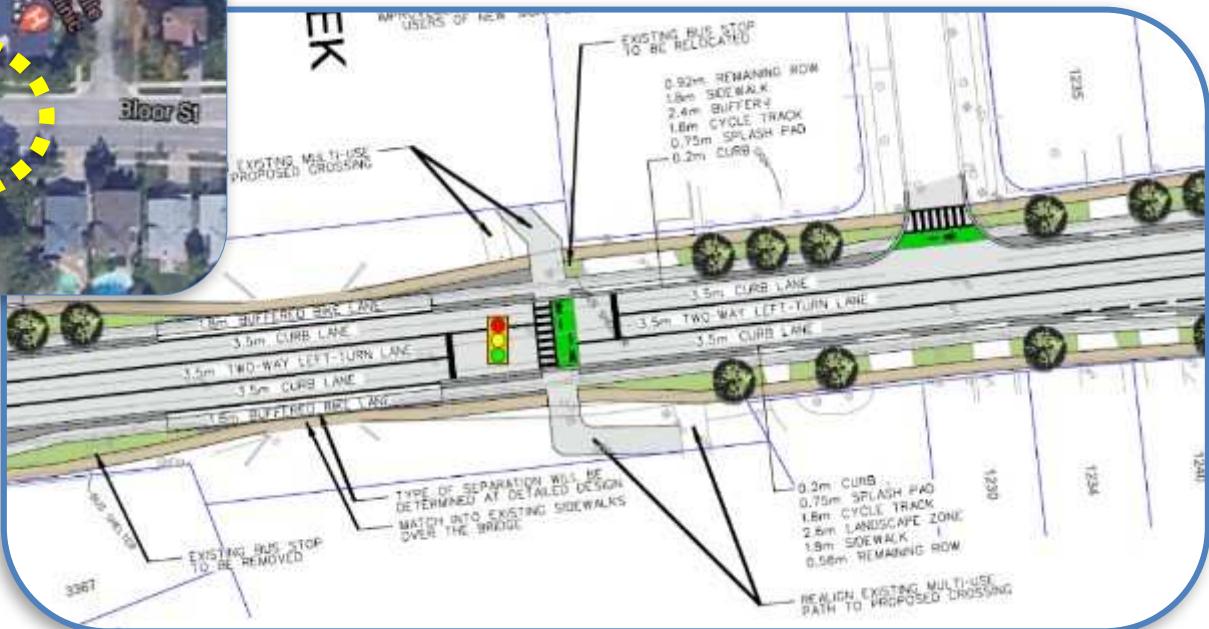
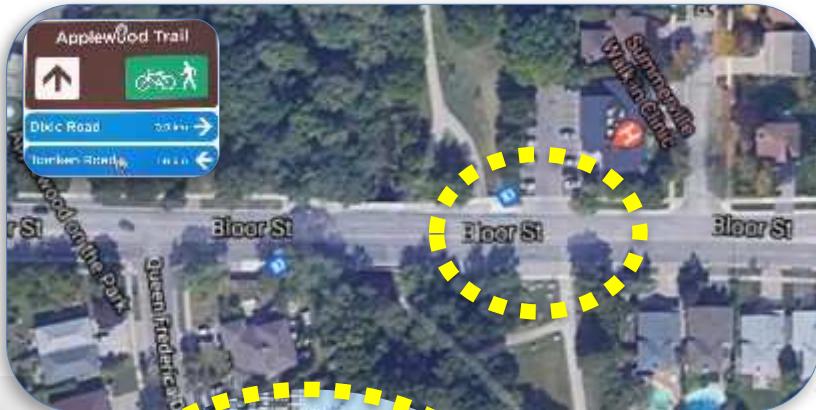
## Evaluation Criteria

- Transportation
- Social Environment
- Natural Environment
- Economic Environment
- Policy & Plans

## Design Options



# Pedestrian Crossing



# Lessons Learned



Project Timelines



Approved Documents



Consultation Approach



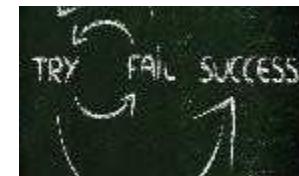
Funding Process



External Consultants

# Future Considerations

- Leverage use of GIS tools
- Increase integration with stakeholders
- Improve consultation process



# Thank you