



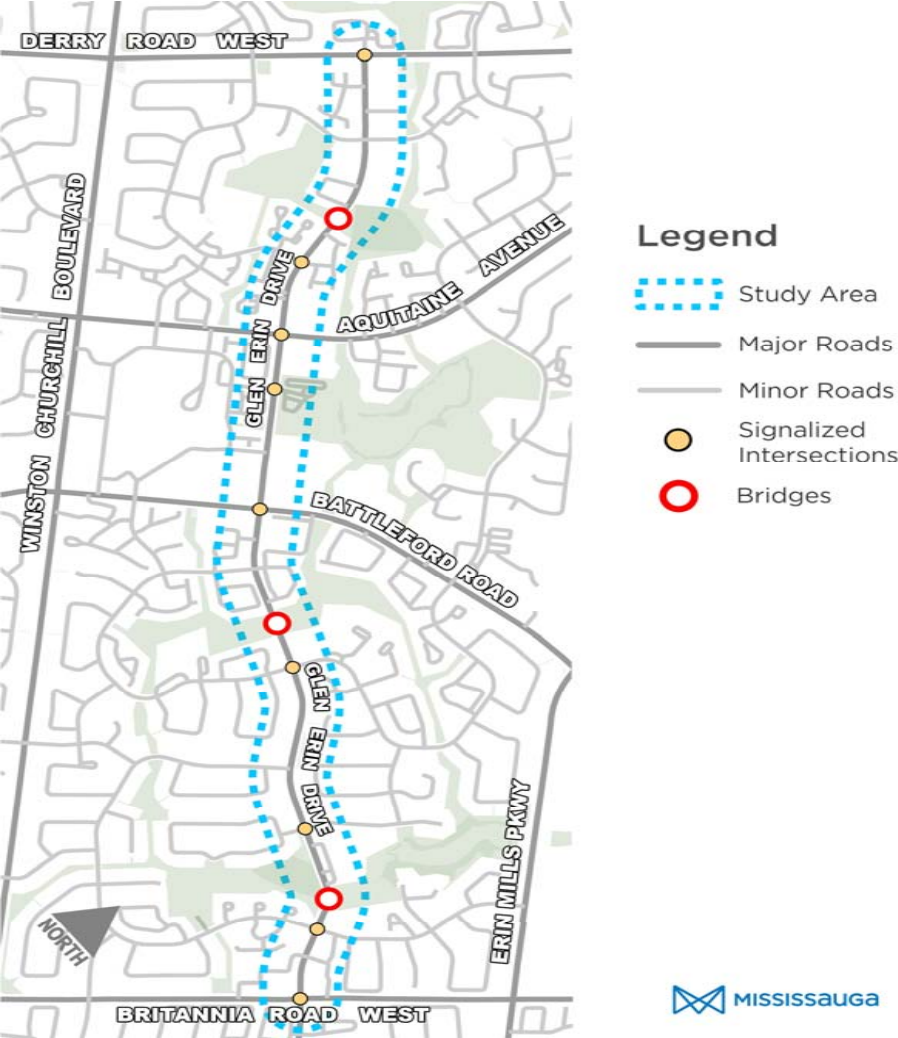
# **Glen Erin Drive Integrated Road Project**

Community Meeting #2 (ONLINE)

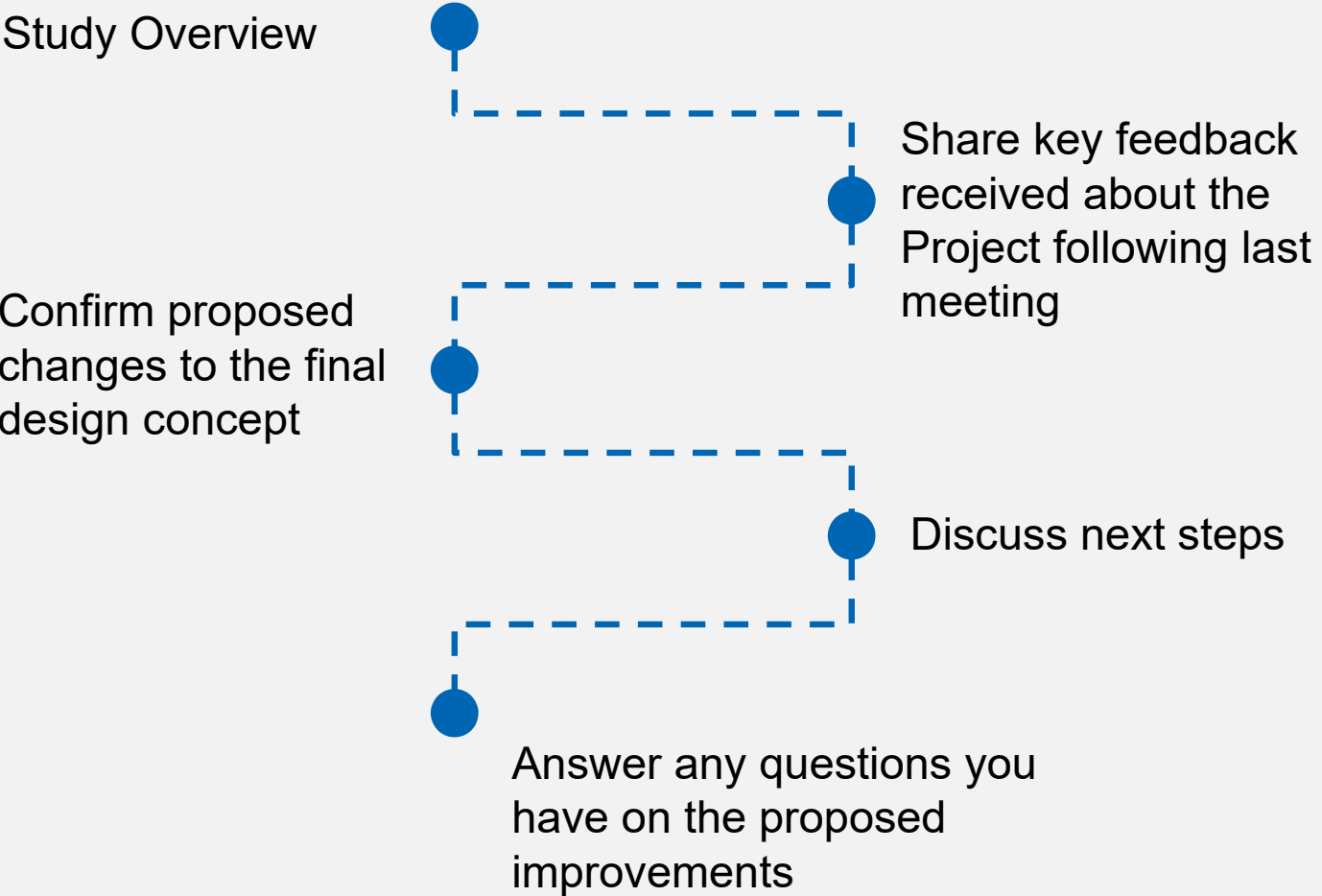
June 16, 2021



# STUDY PURPOSE



## Why Are We Here?



# SUMMARY OF COMMUNITY MEETING #1



Study Area



Existing Conditions



Planning and  
Policy  
Context



Opportunities and  
Considerations



Opportunities for  
Improvements



Design  
Concepts  
Alternatives

# WHAT WE HEARD AT COMMUNITY MEETING #1



## **Both support and concerns about new active transportation facilities**

How will they benefit the community



## **Traffic operational concerns and enquiries**

How will traffic, including buses and delivery vehicles, operate after the improvements



## **Roundabouts**

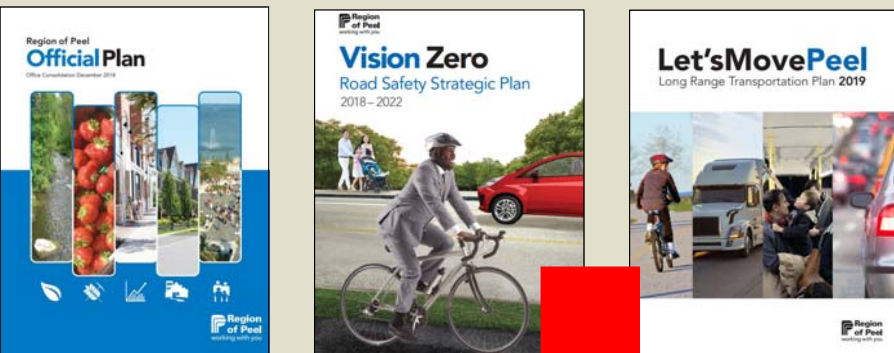
Has the City considered roundabouts at the major intersections to improve operations along Glen Erin Drive

# PLANNING AND POLICY CONTEXT

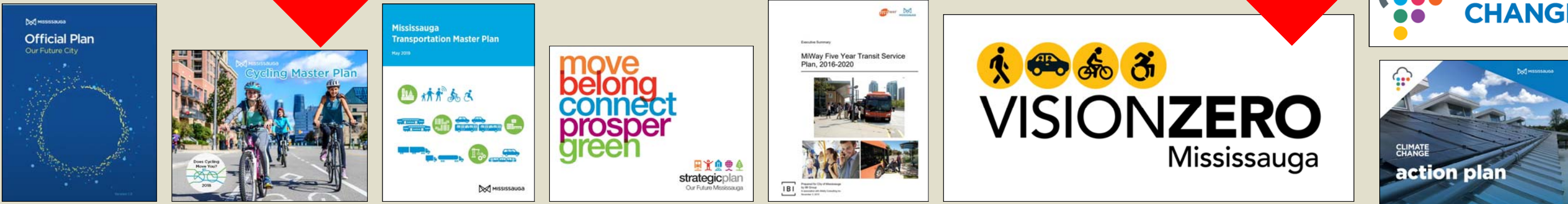
## Provincial Plans



## Regional Plans



## Municipal Plans



# ROAD SAFETY – VISION ZERO



## **Vision Zero Principles:**

Prioritize the safety and access of our most vulnerable road users

Eliminate all serious injury and fatal collisions

**Zero =** No loss of life or serious injury is acceptable in Mississauga

# ROAD SAFETY – VISION ZERO



The City's Transportation Master Plan (TMP) sets out action items to help guide city staff to achieve our Vision Zero goal.



Prioritize the safety and access of our most vulnerable road users.



Everyone has a role to play in keeping each other safe on our network.

# ROAD SAFETY – VISION ZERO

## Paradigm Shift:

Traditional Prevailing	Vision Zero
Preventing all collisions	Preventing fatalities and serious injuries
Deaths are inevitable	Deaths are preventable
Perfecting human behaviour	Designing a road system that accounts for human error
Individual road users	Shared: road users and system designers

# ROAD SAFETY



Promote Speed  
Reduction



Separate vulnerable road  
users from vehicle traffic  
through time



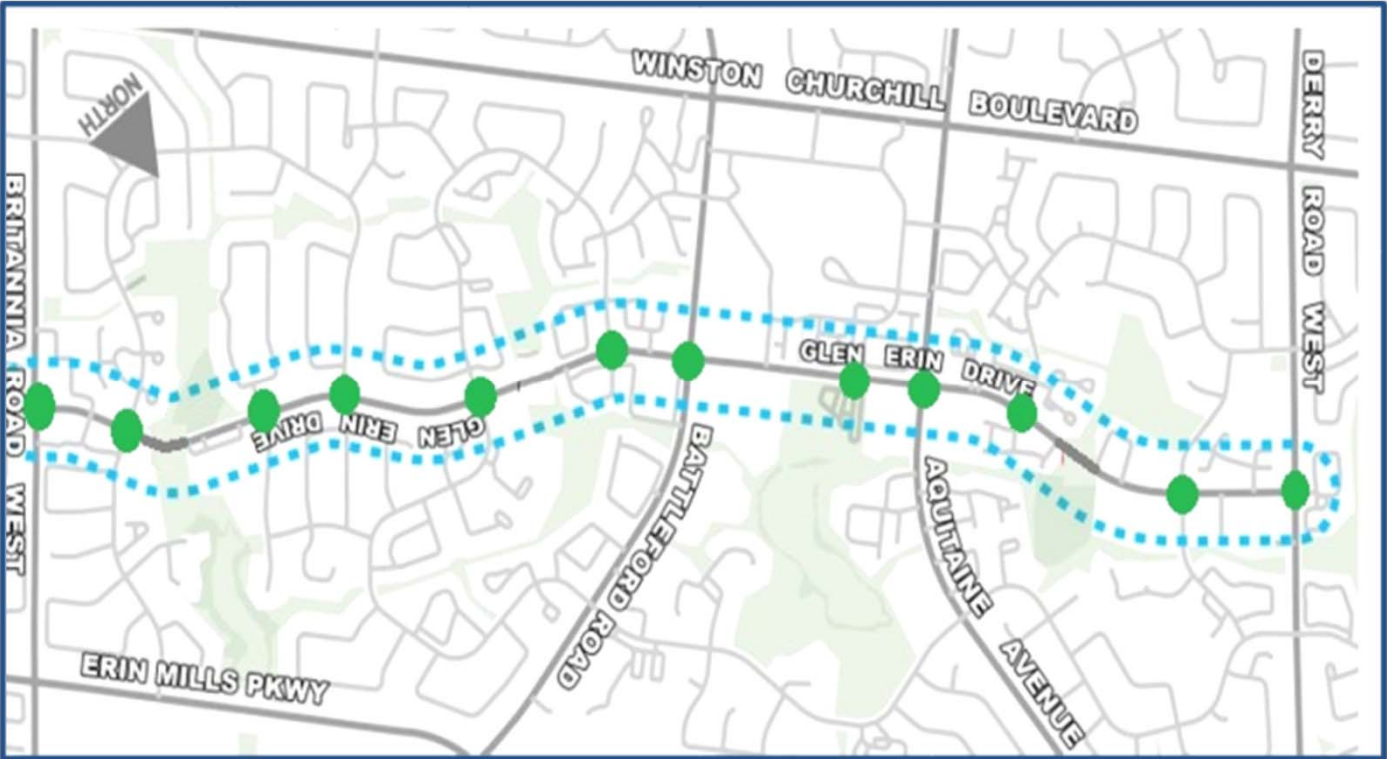
Separate vulnerable road  
users from vehicle traffic  
through space



Support vulnerable user  
and driver decision-  
making

# TRAFFIC ANALYSIS

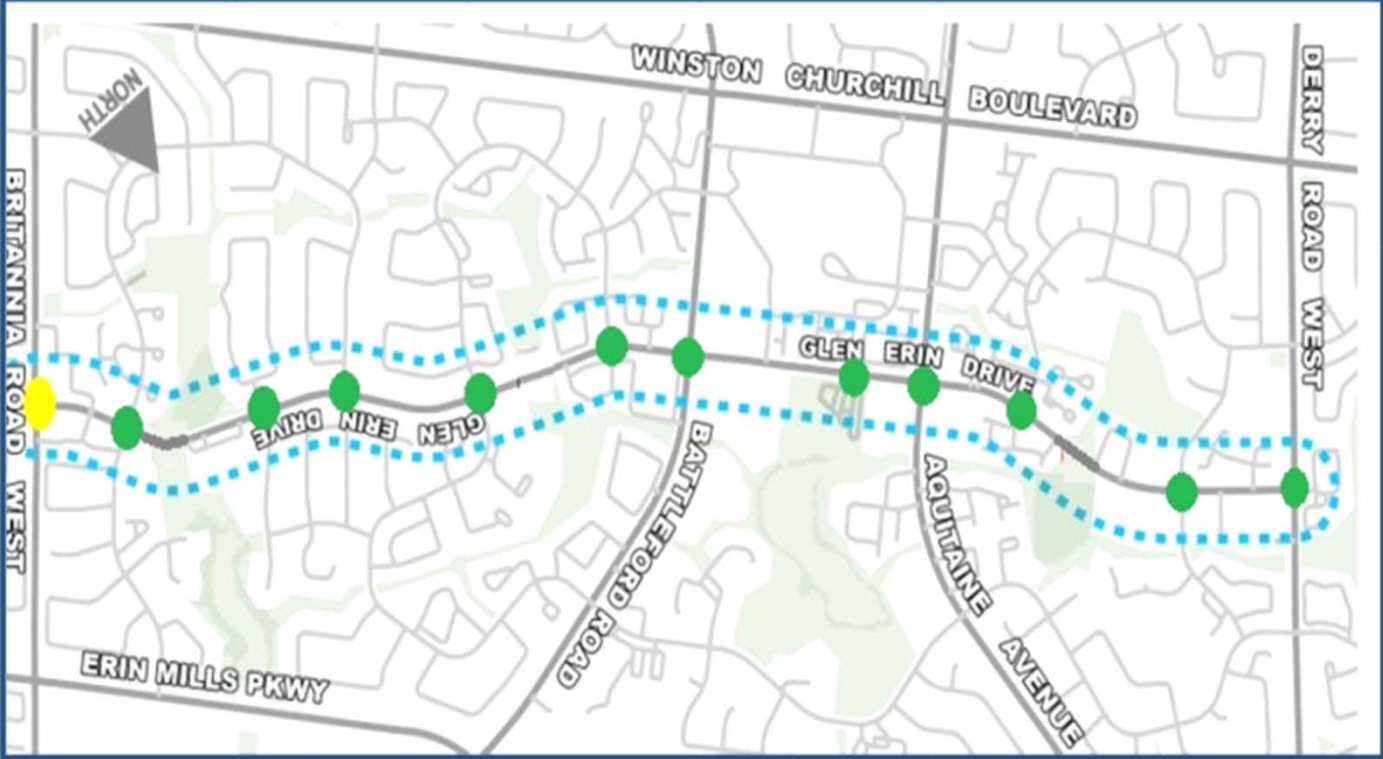
## Existing



— Major Roads  
— Minor Roads

● No Congestion  
● Some Congestion  
● Congestion

## Future Conditions (2041)



# ROUNDAABOUTS

Signalized intersections along the Glen Erin Drive corridor were considered for roundabouts

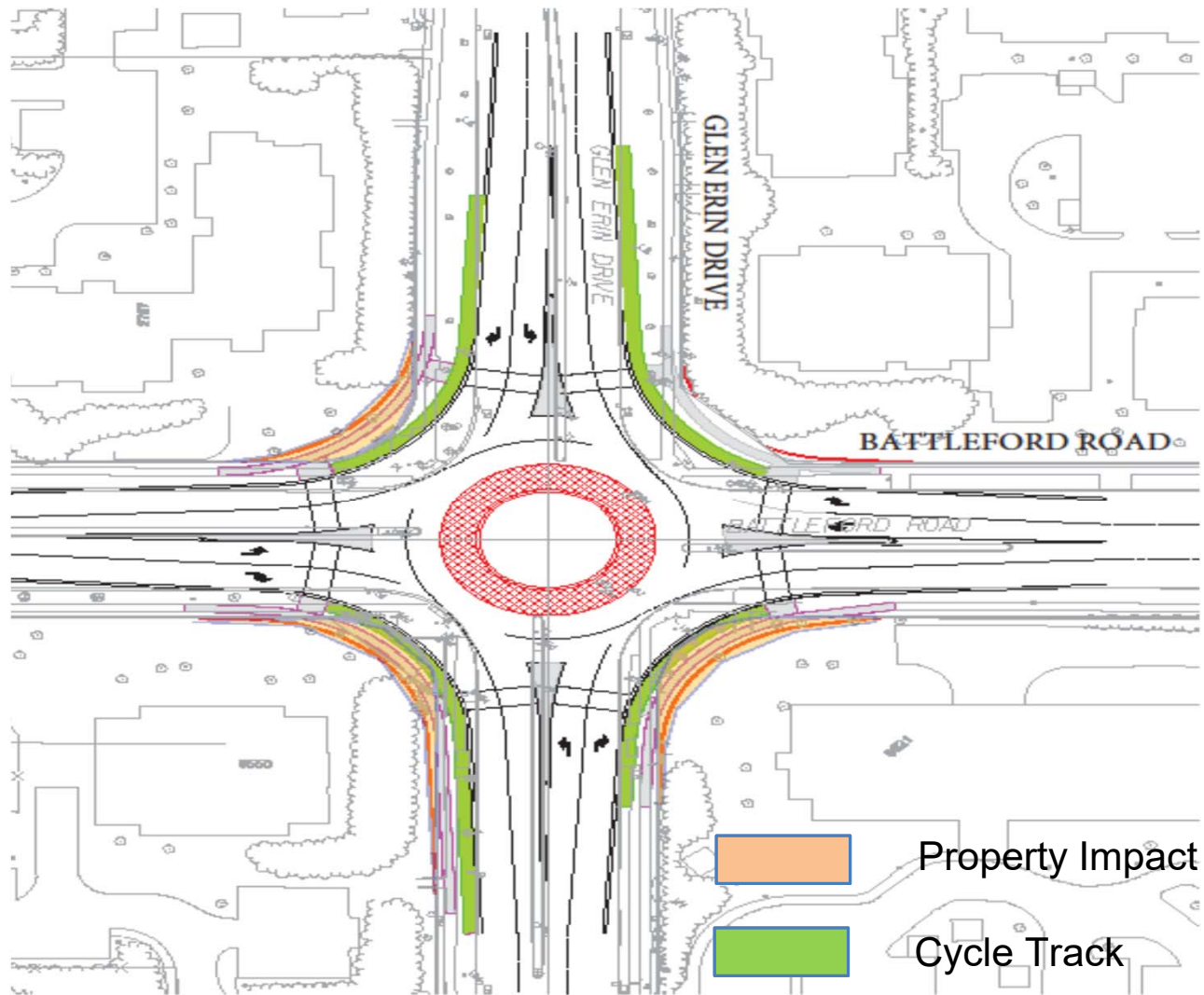
What is a Roundabout?

Advantages of a Roundabout?

Disadvantages of a Roundabout?



# ROUNABOUTS



GLEN ERIN /BATTLEFORD INTERSECTION

Roundabouts are not recommended along the Glen Erin Drive Corridor for the following reasons:



Site Constraints

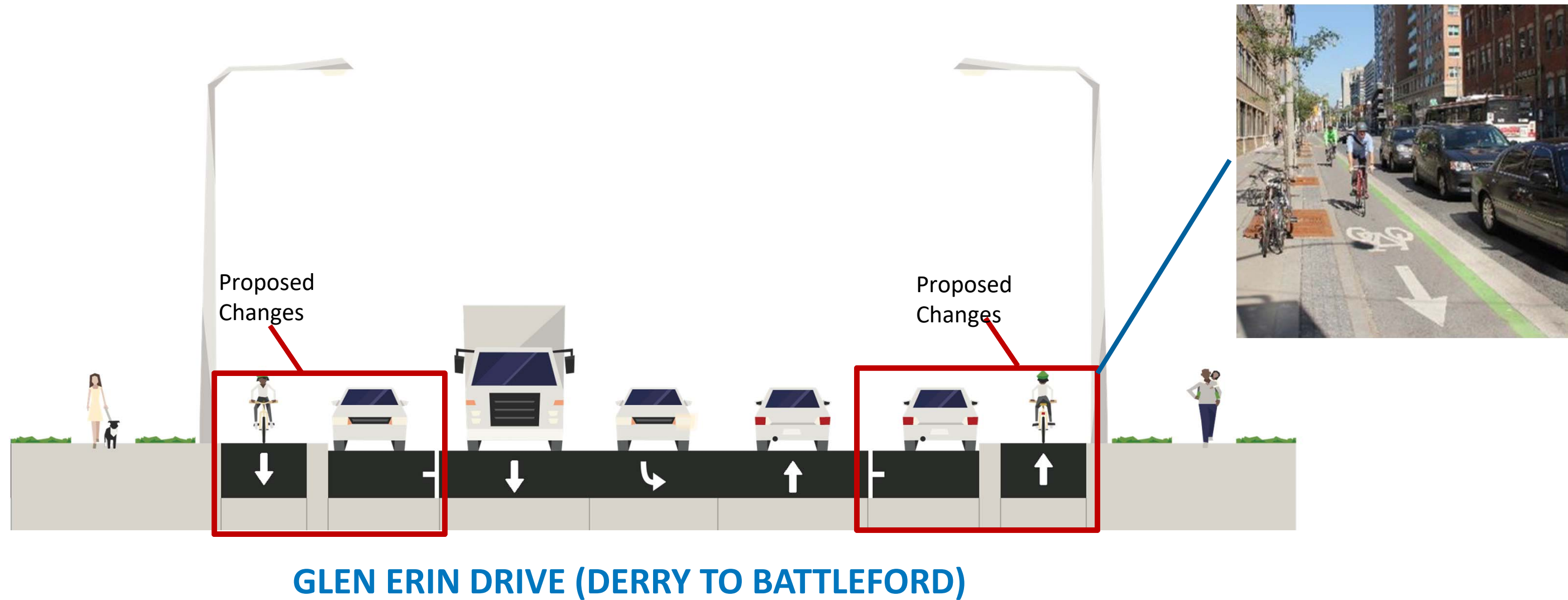


Safety and comfort for pedestrians and cyclists



Construction Costs

# PEFERRED DESIGN CONCEPT



# PEFERRED DESIGN CONCEPT



Separated Bike Line Example



Opportunity for centre median plantings (i.e. grasses, shrubs, flowers and planters), will be confirmed during detailed design



GLEN ERIN DRIVE (BATTLEFORD TO BRITANNIA)

# NEXT STEPS

Following this meeting the Project Team will:

Finalize the preferred plan



Initiate the Detailed Design and Tender Documentation process



Construction timing will be subject to funding availability and priorities