

Rathburn Road East and Ponytrail Drive Integrated Road Project

MCAC Presentation

March 9th, 2021



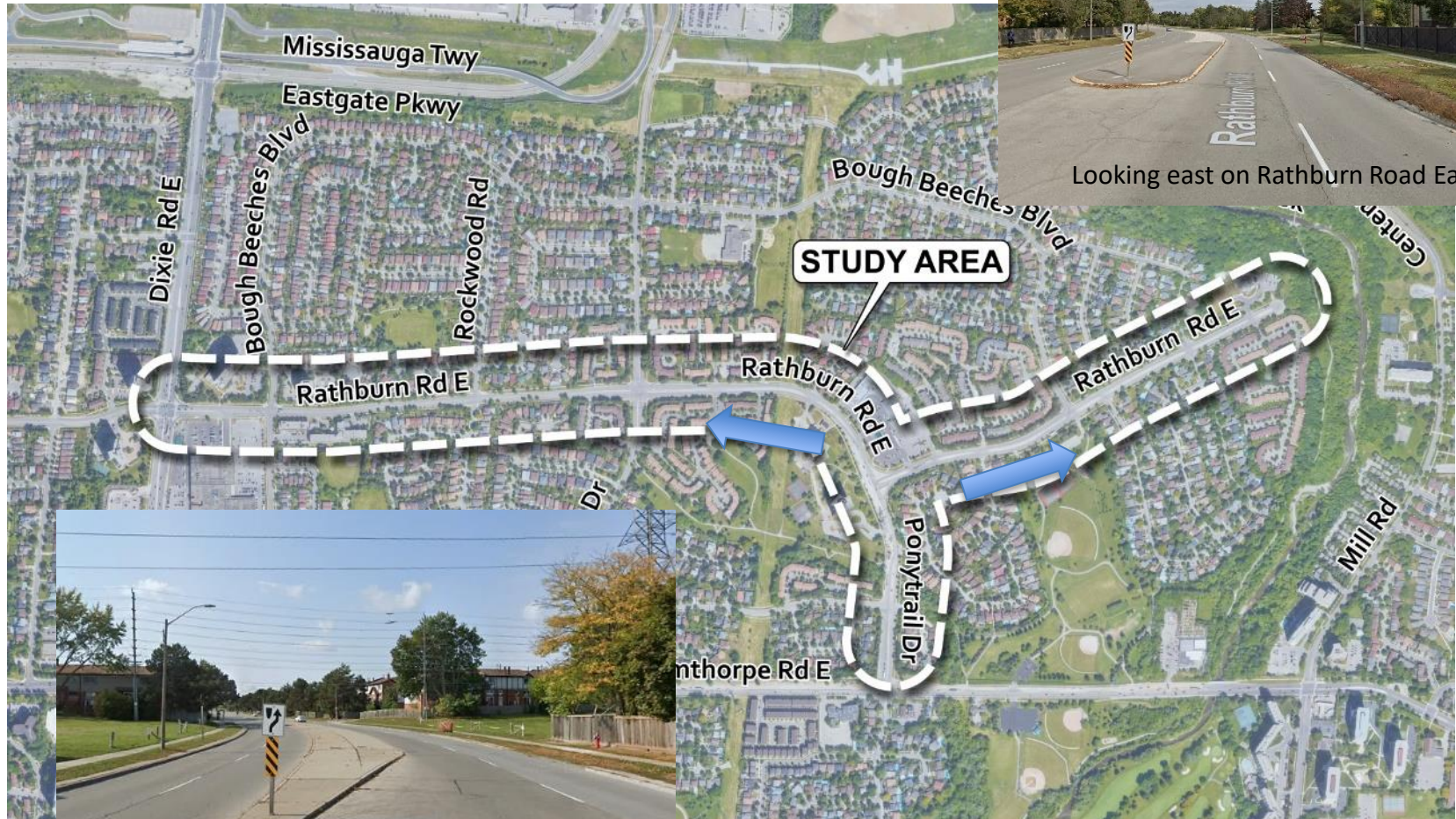
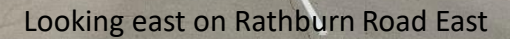
MISSISSAUGA

STUDY PURPOSE

- Road resurfacing is planned for Rathburn Road East and Ponytrail Drive.
- This is an opportunity to undertake other planned changes and improvements to the roads.
- City wants to create a complete street that is safe for all road users, including pedestrians, cyclists and transit users.
- Prioritize the safety and access of our most vulnerable road users



Looking east on Rathburn Road East



Looking west on Rathburn Road East

VISION ZERO

Potential Vision Zero Improvements



- Operating Speed Reduction



- Separate vulnerable road users from vehicle traffic through time



- Separate vulnerable road users from vehicle traffic through space



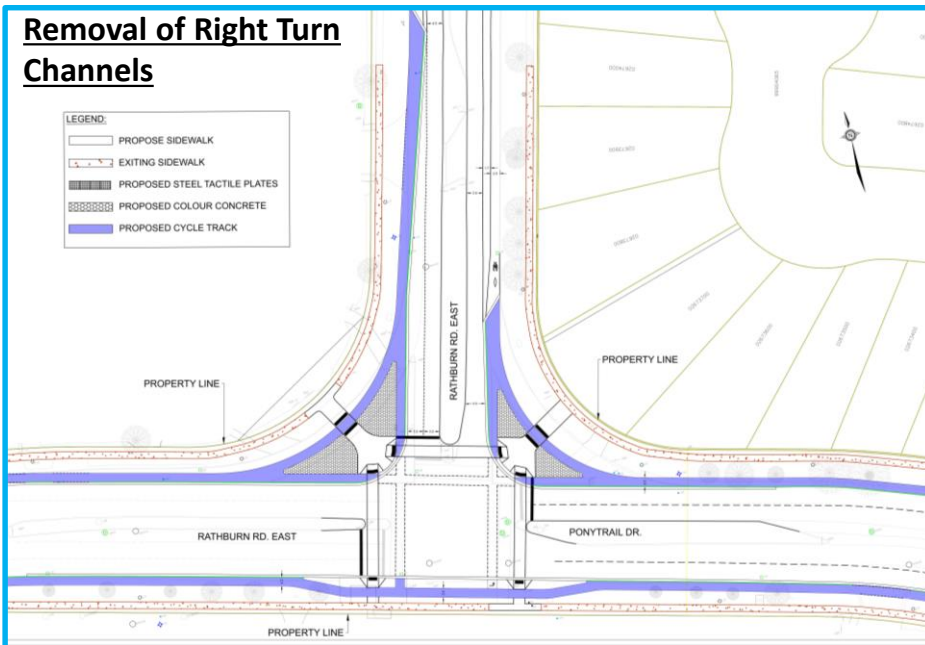
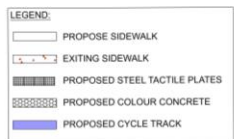
- Support vulnerable user and driver decision-making

INTERSECTION IMPROVEMENTS

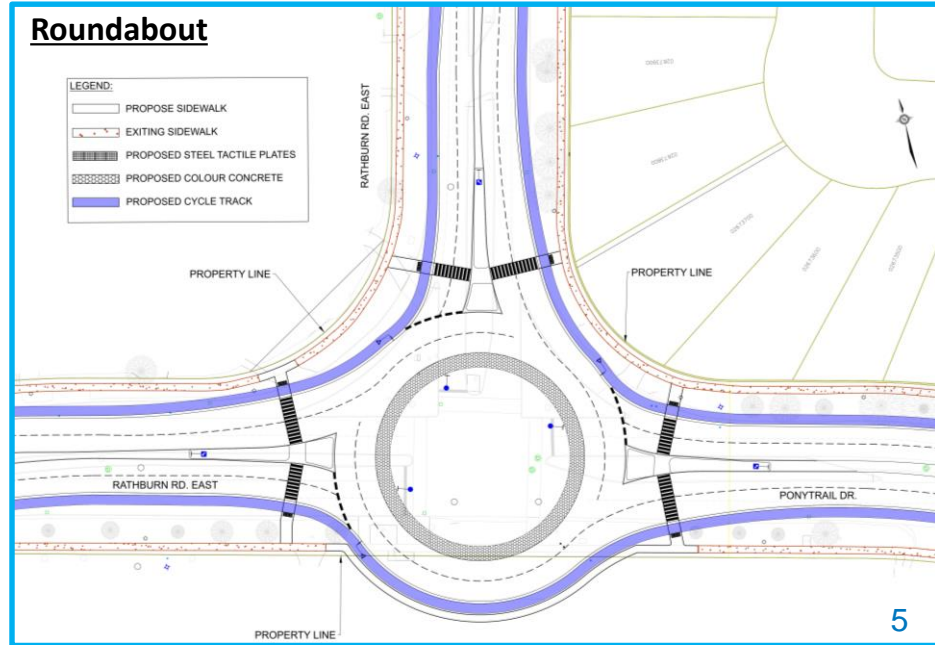
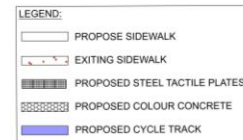
Rathburn Road and Ponytrail Drive Intersection Improvement

- Options to reduce vehicle speeds, potential for fatalities and serious injuries
- Selected removal of channels based on cost and property considerations

Removal of Right Turn Channels



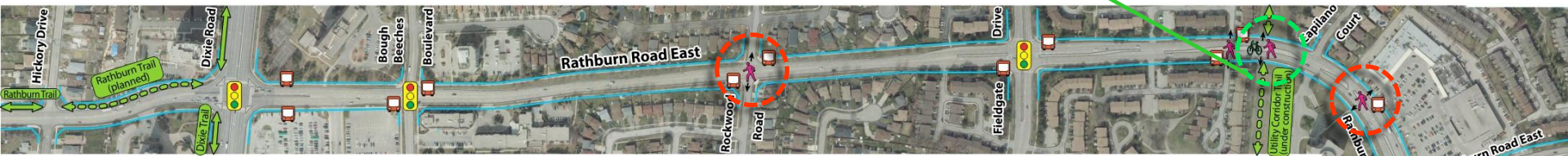
Roundabout












PEDESTRIAN CROSSING IMPROVEMENTS

Rathburn Road East / Ponytrail Drive (Dixie Road to Burnhamthorpe Road)

Rathburn Road / Hydro Corridor Proposed Signalized Pedestrian Crossing

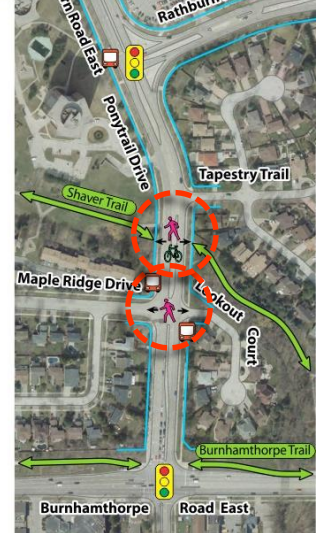


Legend:

	Signalized Intersection
	Uncontrolled/Informal Pedestrian Crossing
	Uncontrolled/Informal Bicycle Crossing
	Bus Stop
	Street Right-of-Way Boundary
	Off-Road/Multi-Use Trail (existing)
	Off-Road/Multi-Use Trail (planned)
	No change to pedestrian crossing facilities
	New pedestrian crossing facility

The Project Team reviewed the pedestrian crossing opportunities within the limits of the study based on the following criteria:









- Safety
- Potential pedestrian travel paths / crossing locations
- Traffic Operations
- Width of Road
- Proximity to signalized road crossings
- Budget

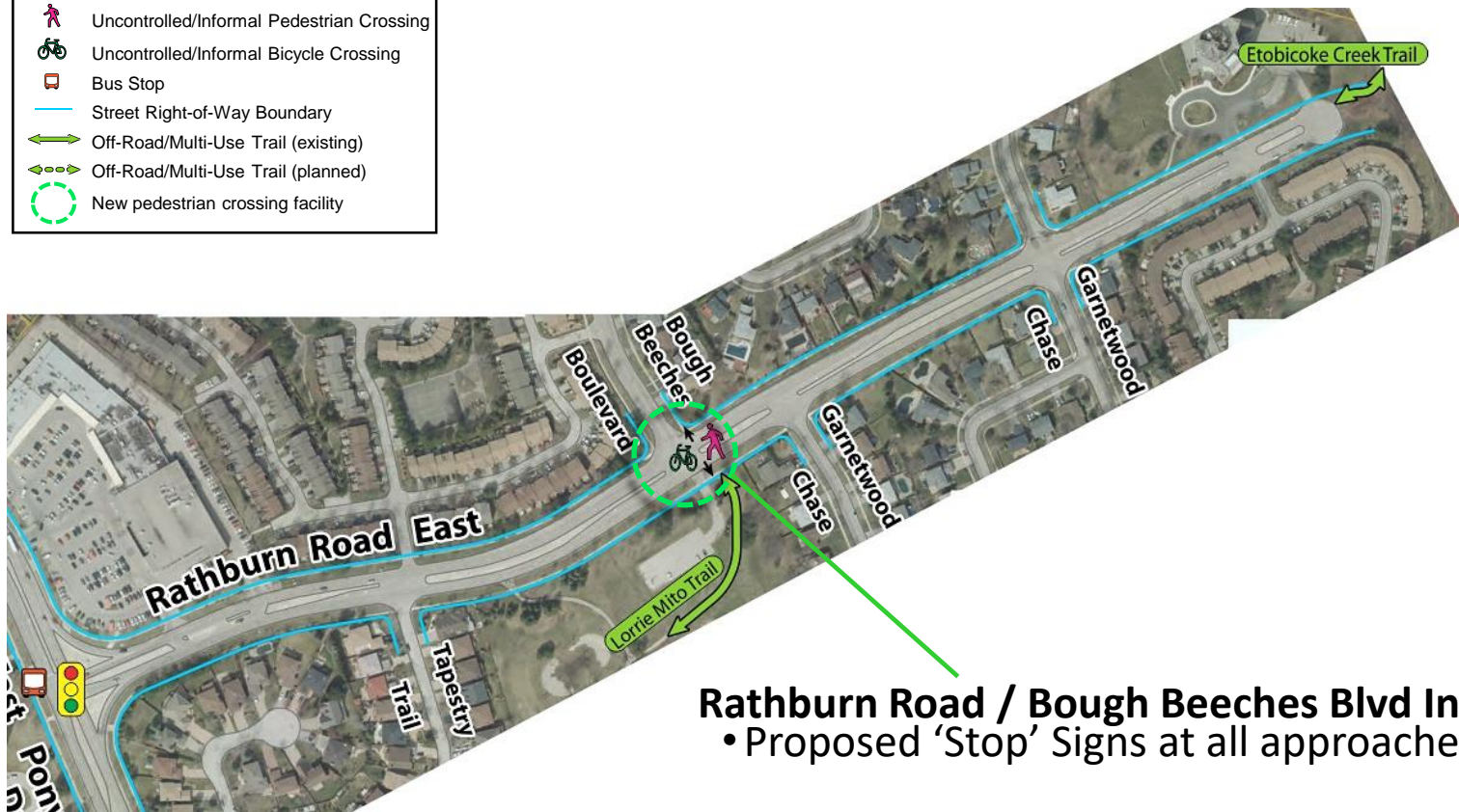


PEDESTRIAN CROSSING IMPROVEMENTS

Rathburn Road East (Ponytrail Drive to end of Cul-de-Sac)

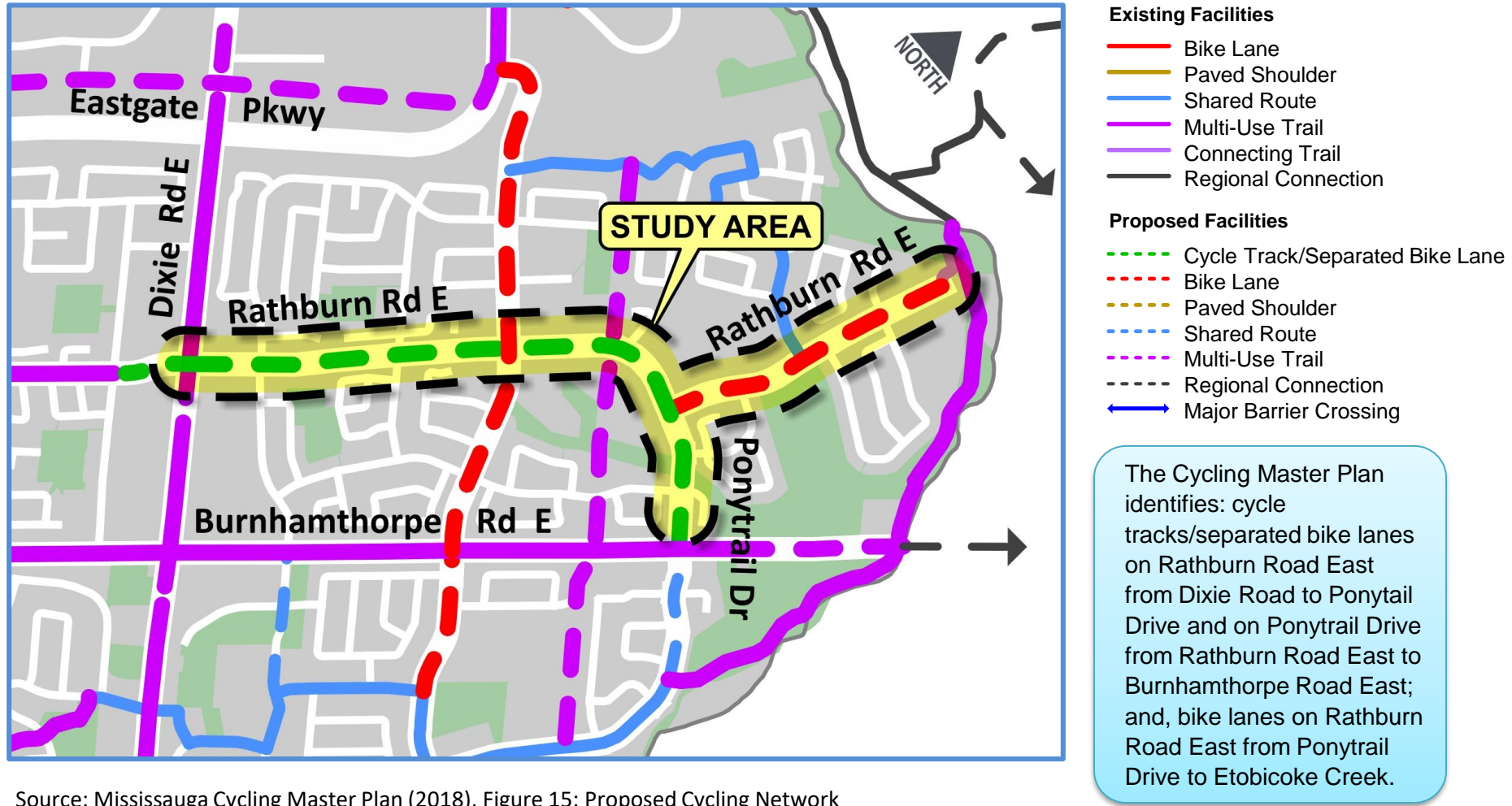
Legend:

	Signalized Intersection
	Uncontrolled/Informal Pedestrian Crossing
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	Bus Stop
	Street Right-of-Way Boundary
	Off-Road/Multi-Use Trail (existing)
	Off-Road/Multi-Use Trail (planned)
	New pedestrian crossing facility



Rathburn Road / Bough Beeches Blvd Intersection
• Proposed 'Stop' Signs at all approaches

CYCLING IMPROVEMENTS

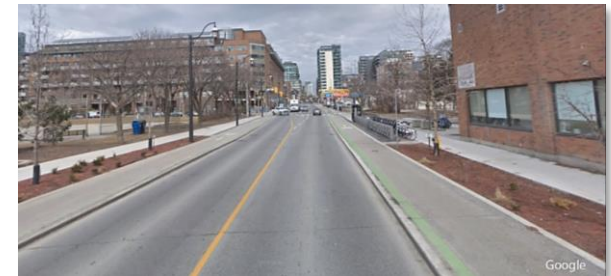


Source: Mississauga Cycling Master Plan (2018), Figure 15: Proposed Cycling Network

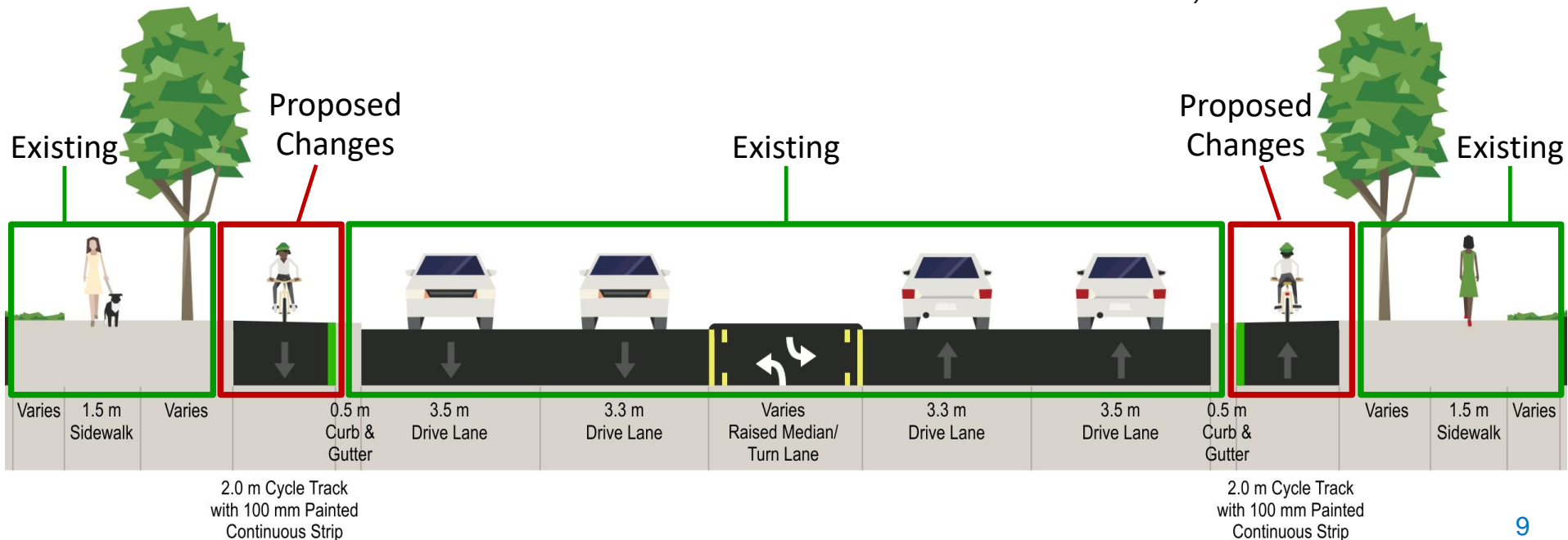
PREFERRED PRELIMINARY DESIGN CONCEPT

RATHBURN ROAD EAST / PONYTRAIL DRIVE (Dixie Road to Burnhamthorpe Road)

- Cyclists will be in the boulevard, behind the curb with some separation from the sidewalk and pedestrians.
- Existing 4 lanes of traffic and left turning lanes to remain following pavement rehabilitation.



In-boulevard cycle track



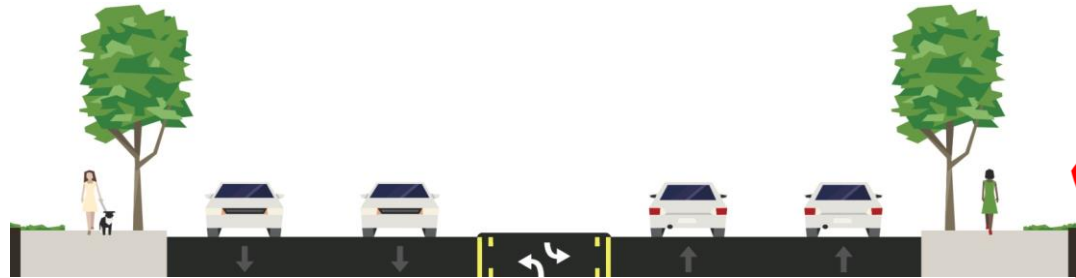
DESIGN CONSIDERATIONS

RATHBURN ROAD EAST (Ponytrail Drive to End of Cul-de-sac)

Do Nothing

No changes to the existing cross-section

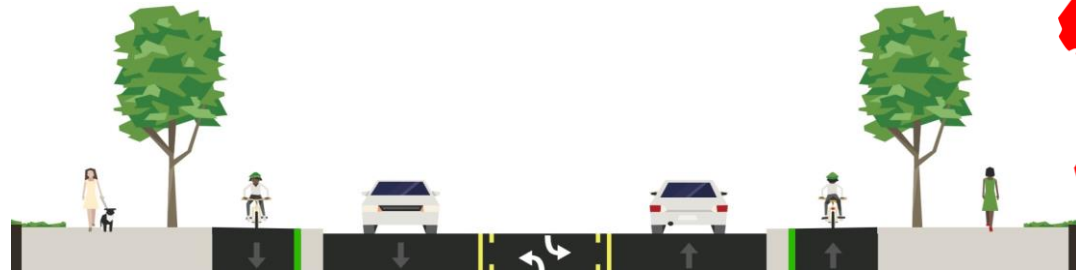
Maintain existing traffic lanes and whatever pedestrian / cycling facilities, and landscaping exist



Alternative 1

One Way Cycle Tracks

- Cyclists will be off road.
- Cyclists will be physically separated from vehicles/pedestrians.



Alternative 2

Two Way Cycle Track / Multi-Use Trail

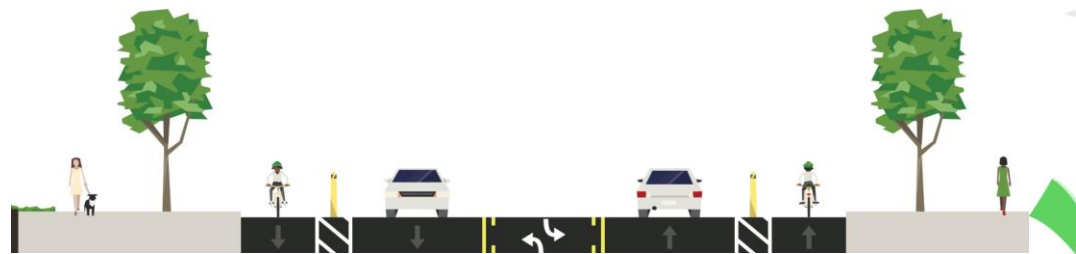
- Cyclists will be in the boulevard, behind the curb with some separation from the sidewalk and pedestrians.



Alternative 3

Separated Bike Lanes

- Cyclists will be on-road.
- Cyclists will be separated from traffic by a buffer and bollards.
- Cyclists will be physically separated from pedestrians.



NEXT STEPS

Following recent online PIC that was held from **Friday, January 22, 2021 – February 12, 2021** the Project Team will:

