



Joint Cycling Research Study Results and Recommendations

Conducted by:
Peel Region

The Waterloo Public Transportation Initiative



With support from:
The City of Mississauga
The City of Brampton
The Town of Caledon

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WATERLOO PUBLIC TRANSPORTATION INITIATIVE



Study Goals and Objectives

- ❖ Engage regional cyclists to understand:
 - Motivations for and obstacles to cycling;
 - How cycling improves transportation choice;

- ❖ Gather GPS data to determine:
 - Where cyclists travel;
 - When cyclists travel;
 - What infrastructure facilities are most used;
 - Where cyclists feel infrastructure could be improved.

Information about Participants

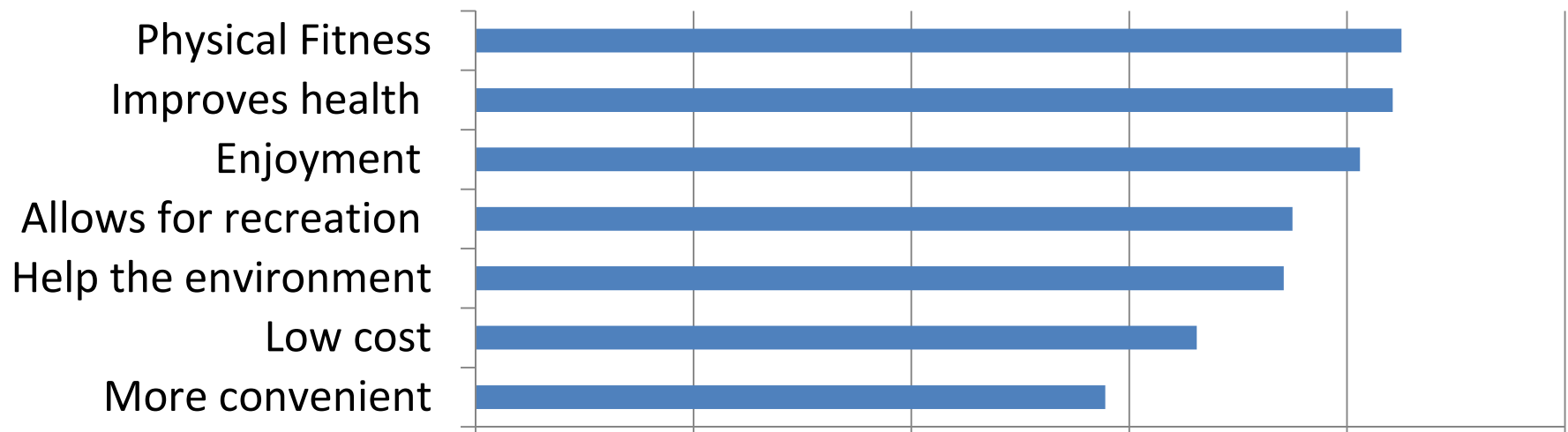
- ❖ Three collection groups: July – October 2012.
- ❖ Proportional Regional Representation;
- ❖ Diverse age and income profiles;

Group	Brampton	Caledon	Mississauga	Total	Age Range	Participants
1	28	5	36	69	Under 18	11
2	28	6	34	68	19 – 30	23
3	26	9	40	75	31 – 40	51
					41 – 50	57
					51 – 60	49
					Over 60	21
Total	82	20	110	212	Total	212

Results – Motivations for Cycling

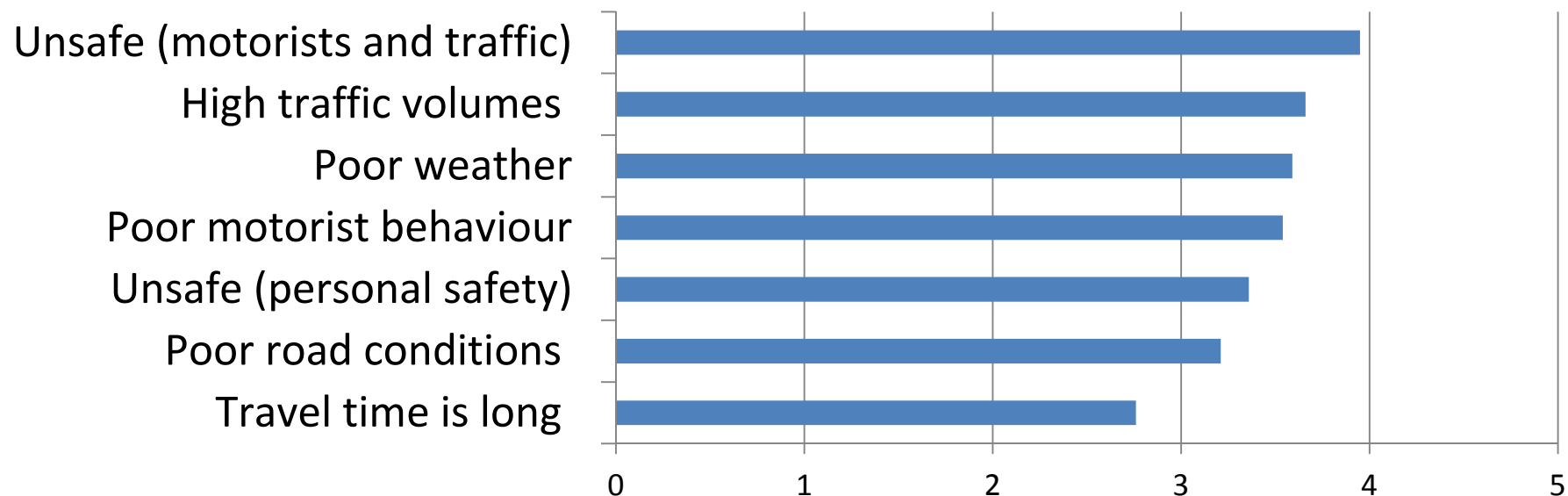
❖ Cycling in the Region:

- Improves fitness and health;
- Is a source of enjoyment;
- Helps the environment;
- Is a low-cost, convenient alternative to other modes.



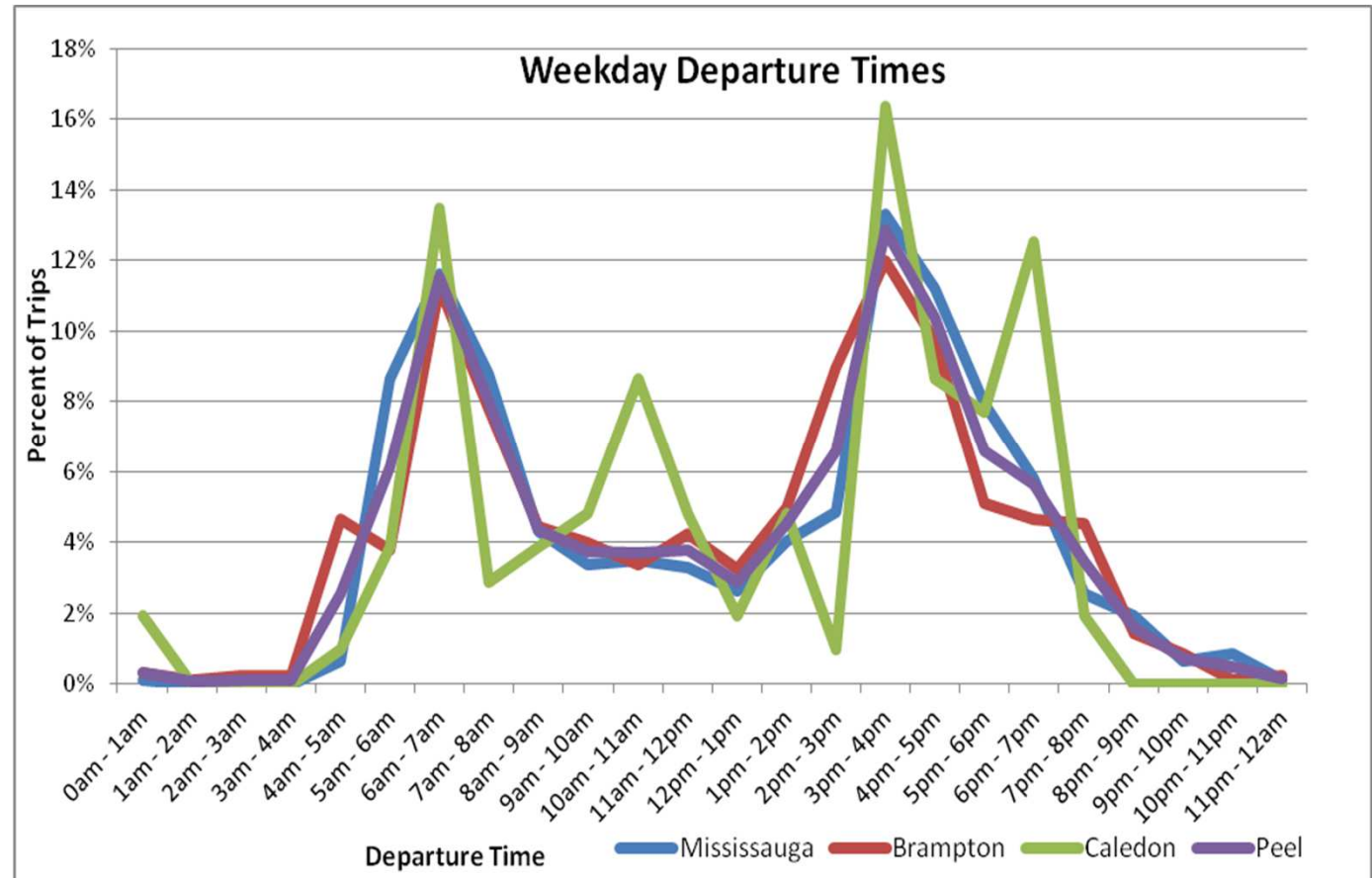
Results – Obstacles to Cycling

- ❖ Cyclists are discouraged from cycling more due to:
 - Safety concerns, particularly interactions with vehicles;
 - The weather;
 - Road conditions.



Results – Cycling Behaviour

- ❖ The 212 Participants:
 - Made trips during peak periods which helps reduce congestion.



Results – Cycling Behaviour

❖ The 212 Participants:

- Made almost 2400 trips, covering more than 23,000 km;
- Averaged 6.4 km for non-recreational trips;
- Travel about 15 km/hr, allowing access to many regional destinations.

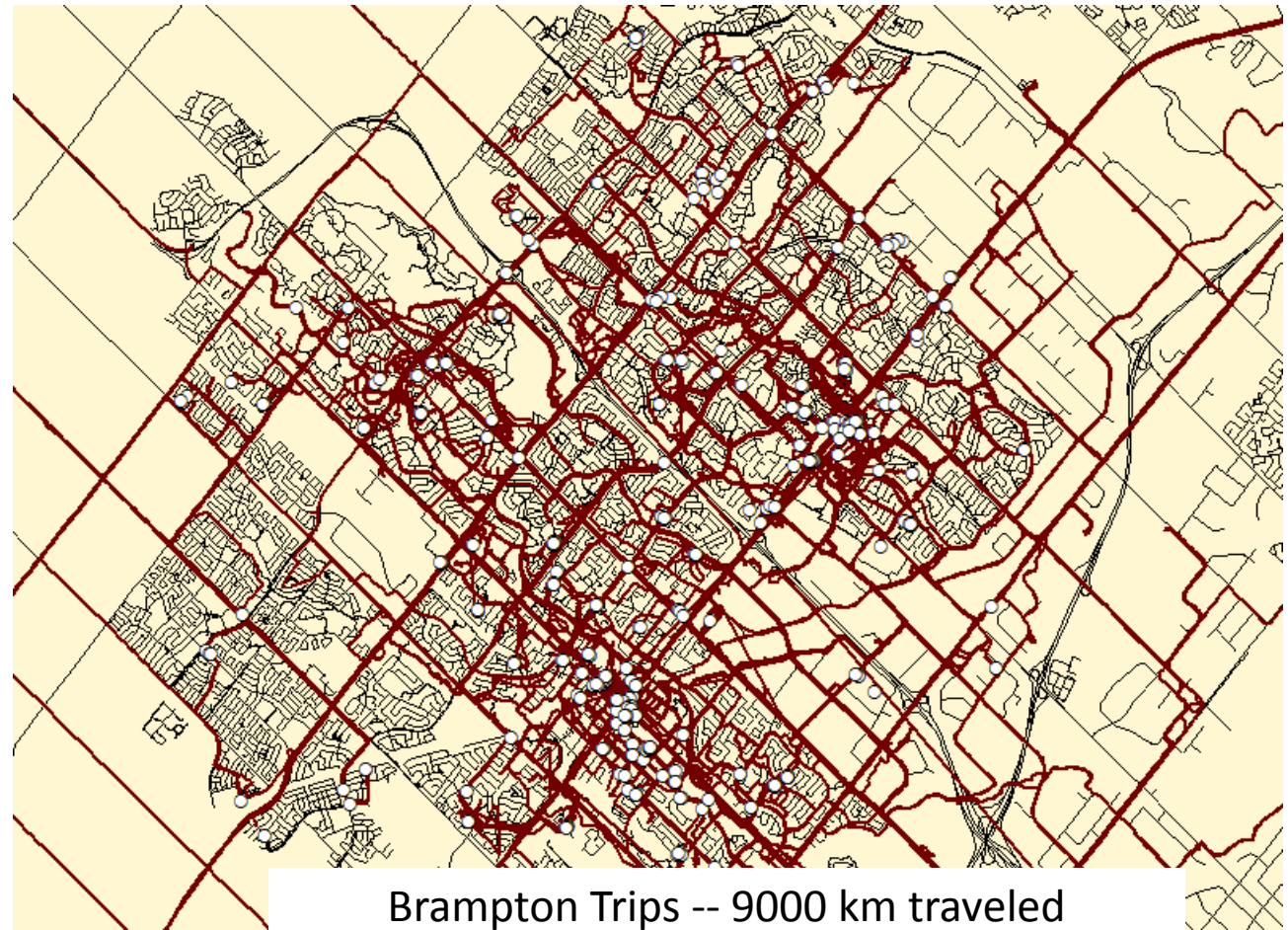
Results – Cycling Behaviour

Legend:

Roads

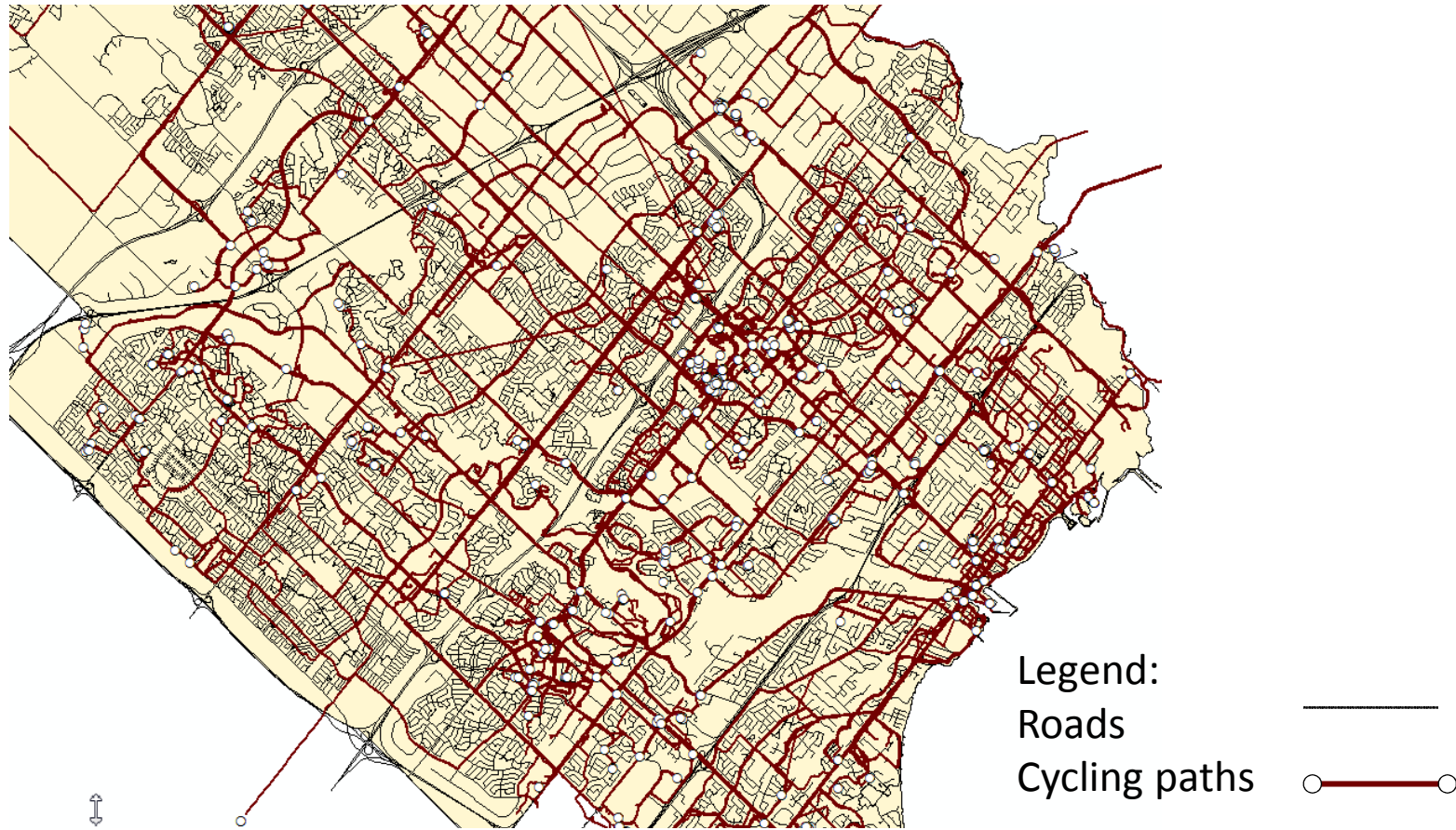


Cycling paths



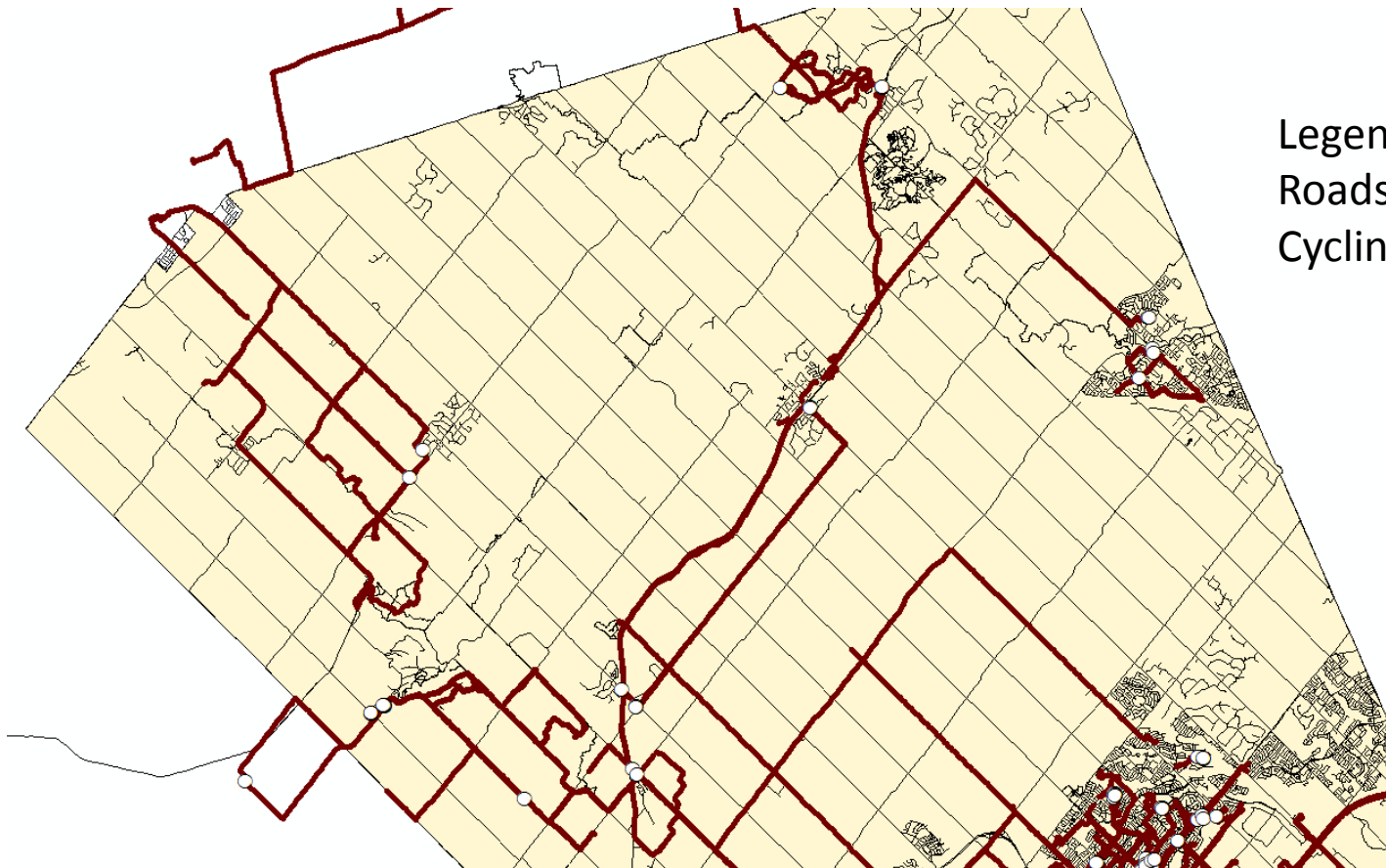
Brampton Trips -- 9000 km traveled

Results – Cycling Behaviour



Mississauga Trips – 12,000 km traveled

Results – Cycling Behaviour



Legend:

Roads



Cycling paths



Caledon Trips – 2,100 km traveled

Results – Infrastructure Improvements

Locations most often suggested:

- Queen Street
- Hurontario St
- Lakeshore Rd
- Mississauga Rd

Conclusions

The study's findings:

- ❖ The data gathered in this study suggests there exists great potential for increasing cycling mode share in the Region of Peel.
- ❖ Cyclists represent a wide range of age groups and income categories with the majority being “choice cyclists.”
- ❖ The main motivations for cycling are physical fitness and improved health.
- ❖ The primary obstacle to increased cycling in the Region is safety, more specifically motorists’ behavior, vehicle traffic and personal safety.
- ❖ Participants advocate strongly for infrastructure improvements.

Conclusions

Next Steps:

- ❖ The Region of Peel and partner municipalities will use these information sources to further analyze, assess and prioritize investments and policy changes, where appropriate, to continue to enhance cycling throughout Peel Region.