

Building a transportation system that is sustainable

Region of Peel
Council Delegation
January 26, 2023
David Laing, Rahul Meta



BikeBrampton.ca

*Biking in Brampton
Builds our Community*

SUSTAINABLE
MISSISSAUGA

Six Es Guiding Our Path

- Engineering – Build it and they will come
- Education – train people how to use and why
- Encouragement – Make it accessible and fun!
- Evaluate – Set targets, measure performance
- Enforcement – Everyone playing by the rules
- Equity – different rules for different groups

Shift in Transportation Patterns 2016-2021

- Sustainable mode share increased by 8%
- Cycling mode share increased by 70%
- 113% of Peel' Sustainable Transportation Strategy Target

Mode Share in AM Peak Period	2011 TTS	2016 TTS	2021 COVHITS ¹	2021 STS Target
Driving	62.5%	63%	58.9%	59.1%
Walking	6.8%	7%	14.8%	7.3%
Cycling	0.3%	1%	1.7%	0.8%
Transit	10.8%	12%	6.3%	12.3%
Carpool (Car Passenger)	15.2%	13%	12.1%	15.9%
Other (School Bus, Motorcycle, Taxi)	4.3%	5%	6.3%	4.7%
Sustainable Modes	37.4%	38.0%	41.2%	41.0%

¹ Collected samples of the Region of Peel were pooled and weight-adjusted to represent the regional population distribution. The 2021 COVHITS is a relatively small sample survey (compared to the traditional TTS) and is prone to be skewed towards specific population segments (e.g., smaller household size and younger people). Any conclusions drawn from the COVHITS data may not be representative of actual trends.

Mississauga 'School Streets' Pilot, 2022

- 31% increase in rates of walking, cycling and other AT modes (Hillside PS)
- Air pollution reduced 65% (Hillside PS)
- 38% AM and 42% PM decreases in average daily number of vehicles
- From pilot to mainstream – need for more funding

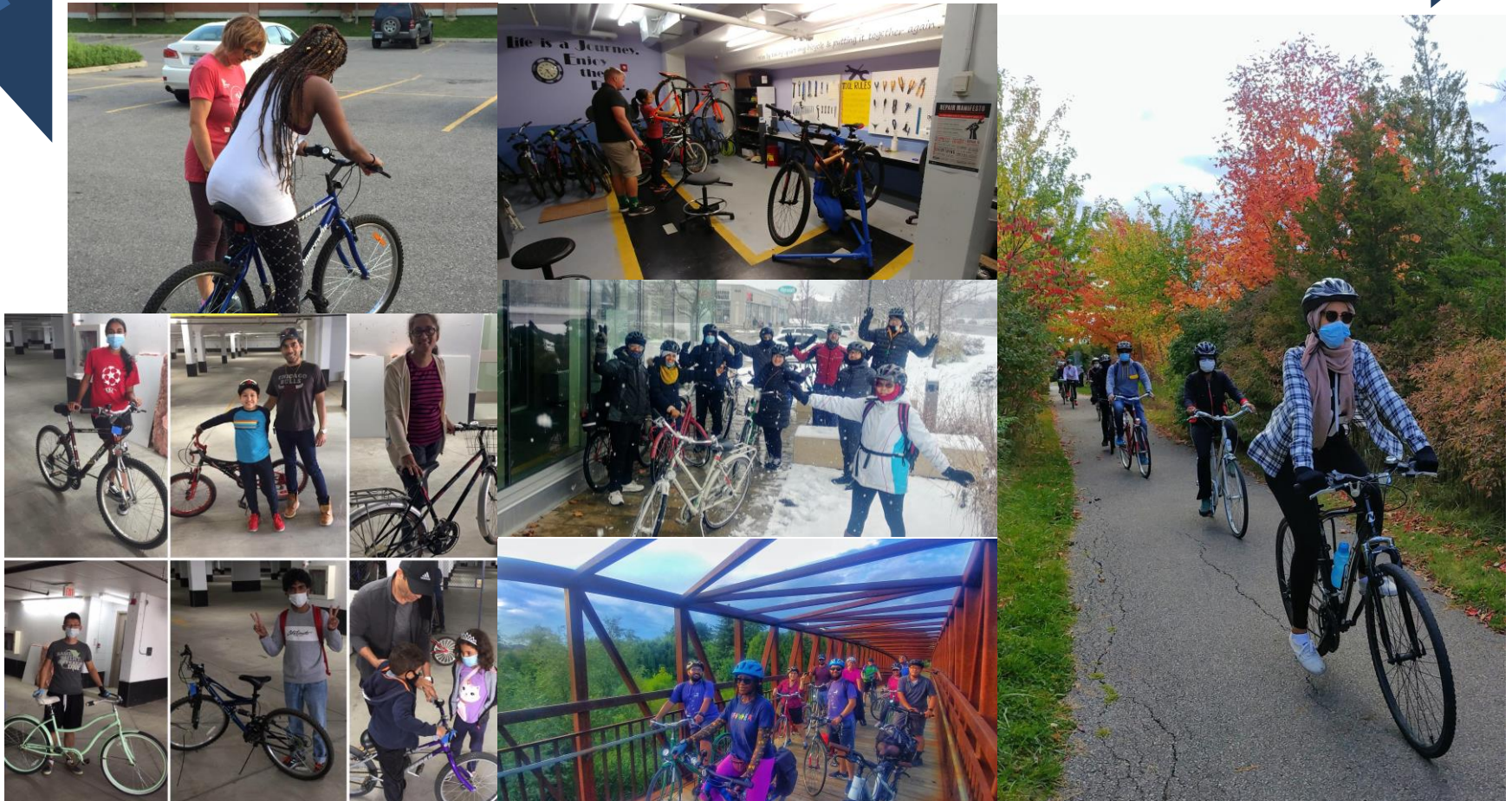


A group of people are gathered around a bicycle mounted on a blue repair stand in a community workshop. An older man with white hair is leaning over the bike, while a younger man in a teal shirt stands nearby. Other people are visible in the background, some working on other bikes. A chalkboard with the word 'Welcome!' is visible in the background.

Region of Peel Supported Cycling Programs

- 2015: BikeBrampton and Punjabi Community Health Services (PCHS) Pilot with Community Environmental Alliance
- 2017-2019: BikeBrampton and PCHS with Velo Canada Bikes and Environment and Climate Change Canada
- Community Cycling Program:
 - 2018-2022: Sheridan Bike Hub
 - 2019-2022: Mississauga Cycles with CultureLink and Peel Multicultural Council
 - 2019-2022: BikeBrampton and PCHS

Success we can build on!



CCP Key Outcomes: 2018-2021

- Increased bicycle accessibility
 - 288 borrowed bikes, 2,723 bikes repaired, 349 bikes donated into the community
- Cycling education
 - 6,611 people trained on bike repair
 - Increased knowledge, skill and confidence
- Create a cycling culture
 - 274 cycling outreach events, 11,303 residents served
 - 160,000 social media impressions
- 28% average increase in cycling behaviour
- 10% average decrease in driving behaviour

2023 Transportation Budget Concerns

- Loss of dedicated AT staff FTE funding
- Reduced commitment to AT education & encouragement funding
- Unclear prioritization of AT infrastructure projects or completions
- Unclear prioritization of AT in general
- Sustainable transportation focus exclusively on transit
- Lack of targets and metrics for success outcomes

2021 Motion to Regional Council

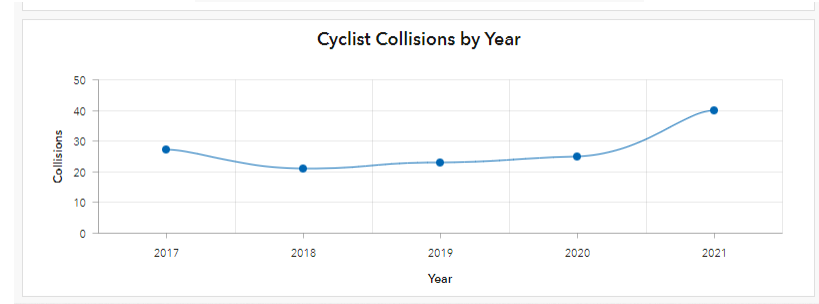
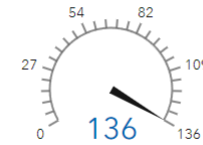
<i>Engage with local advocates who regularly use existing active transportation infrastructure for opportunities to enhance AT network connectivity</i>	✓X
<i>Coordinate capital plans with municipalities to bring forward sustainable transportation projects through the annual budget process and identify and prioritize gaps within and between local and Regional AT networks</i>	X
<i>Work with conservation authorities to prioritize their AT projects</i>	X
<i>Staff report back on the use of e-bikes and campaign to educate safe transportation etiquette</i>	X
<i>Staff report back to a future meeting of Regional Council regarding the status of implementation of Sustainable Active Mobility infrastructure and programs throughout the Region on a semi-annual basis.</i>	X



- Fatal and injury collisions on Peel roads decreased 46% between 2017 and 2020 adjusting for population growth
- Yet cyclist collisions increased **48% during the same period!**
- *"In a Vision Zero jurisdiction, safety is prioritized over factors that traditionally influence transportation decision making, such as cost, vehicle speeds, delay to vehicular traffic, and vehicular level of service."*

Vulnerable road users should matter for VisionZero!

Cyclist Collisions on Regional Roads (2017-2021)

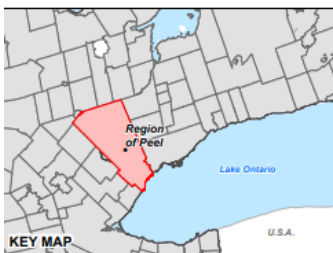
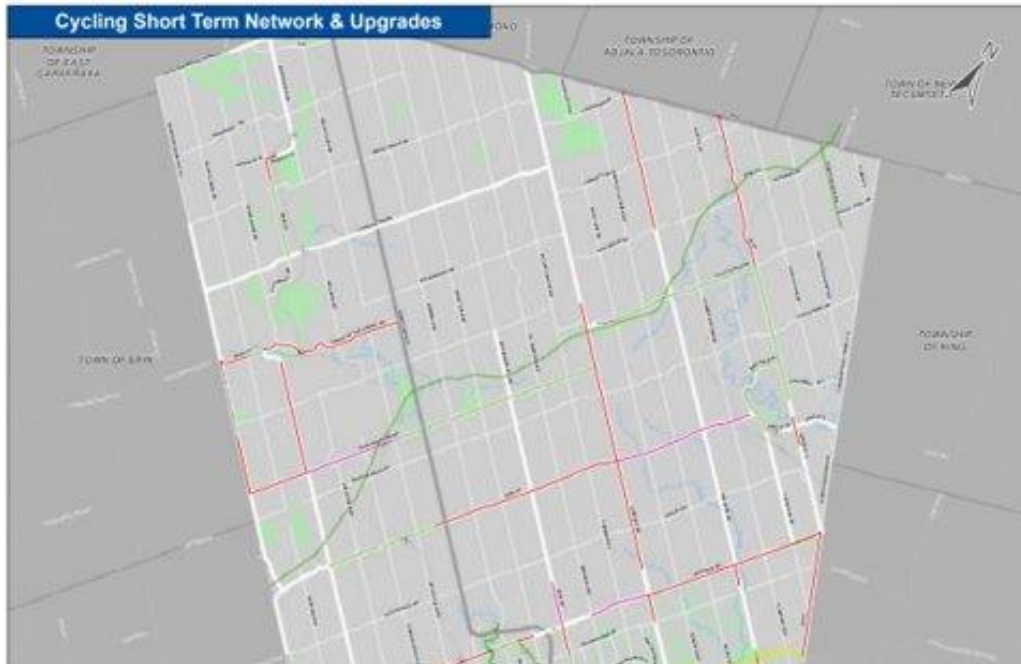


<https://experience.arcgis.com/experience/4cfae4b54b024201ad6700dc40497108/>

<https://www.peelregion.ca/pw/transportation/residents/vision-zero.asp>

Network: promises vs. results

Cycling Short Term Network & Upgrades



Existing Facilities

- Existing Facility
- Existing Cycling Corridor Upgrades
- Intersection Improvements

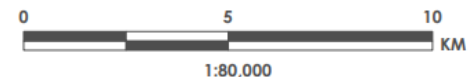
Proposed Project Horizon

- 2017 (Committed)
- 2018-2022

- Rail Line
- Watercourse
- Park / Green Space
- Waterbody



Coordinate System: NAD 1983 UTM Zone 17N



Recommendations - Reports

- Council should request Regional reports on AT projects and programs to ensure complete understanding of gaps and successes to-date:
 - Community Cycling Program – Retrospective Analysis
 - Community Cycling Program projects final reports:
 - Mississauga Cycles
 - Sheridan Bike Hub
 - Brampton/Caledon Bike Hub
 - Current Sustainable Transportation Strategy

Recommendations –Budgets/Targets

- Higher priority and funding in 2023 budget to AT projects and programs from proposed \$2.85 million to \$10 million (the 2018-2022 STS recommended annual funding from \$13.7-\$15.6 million)
- Renewed commitment to STS with annual measured AT build KM targets, completions and funding
- Renewed commitment to Resolution 2021-402
- Consultation with Peel active transportation community groups and projects on next 5-year STS, by June 2023