

INCLUSION AND COMMUNITY OUTREACH ADVISORY COMMITTEE – <u>MAY 12, 2025</u>

COMMUNICATIONS

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C1. Communication Inclusion and Community Outreach Advisory Committee – May 12, 2025 Item No. 1

Shared Micromobility Pilot Inclusion and Community Outreach Advisory Committee

June 12, 2025 7:00 p.m.



Agenda



- 1. Background
 - History
 - Council Approval
 - By-law Amendments
- 2. Pilot Program
- 3. Education & Outreach
- 4. Next Steps







The Micromobility Journey

March (MTO) MTO launched a cargo e-bikes pilot starting March 1, 2021. Vaughan did NOT opt-in. Spring – Summer (City) Increased micromobility devices seen in the City with increased inquiries and concerns from residents during pandemic. In response, the City began public education and outreach initiatives September (City) Presented final Micromobility Framework to Council.

January – Ongoing (City)

- Report to Council on White Paper, surveys, municipal interviews findings and propose recommendations to accommodate micromobility devices on AT facilities.
- Review bylaw for necessary changes to opt-into provincial pilot.

April - MTO

 MTO released Regulatory Registry posting on transforming the way MTO tests micromobility vehicles on road.

Summer - City

 Outreach & Education events including in-person surveys

January – December (City) City Staff continued research, data collection,

municipal working group information sharing & lessons learned to develop Micromobility Framework **March (COVID-19 Disruption)** The World Health Organization declares COVID-19 a pandemic. Online schools and Work from home began

June (City)

Issued Request for Information to solicit shared electric micromobility solutions to address challenges in City

Summer (City)

In-person Surveys to solicit input, concerns and feedback from residents through Concerts in the Park events. **September (City)**

2020

- Engaged Consultant to investigate the accommodation of motorized micromobilty devices on existing and future cycling facilities, which was summarized in a white paper.
- Interviewed municipalities with experiences in operating shared e-bikes/ e-scooters and lessons learned



May-June (MTO)

MTO sent out Consultation Invitation on rules of the road for e-bikes, e-scooters & bicycles **August (MTO)**

MTO requested feedback on the proposed regulatory & policy framework kick-style e-scooter pilot in Ontario Roads

October (York Region)

York Region set up Municipal e-scooter working group, met quarterly (Vaughan, Markham, Richmond Hill, Peterborough, Toronto, Calgary, Edmonton, Ottawa, Montreal)

November (MTO)

MTO announced 5-year e-scooters pilot starting Jan 2020. Municipalities asked to amend by-law to opt-in for pilot **December (Vaughan)**

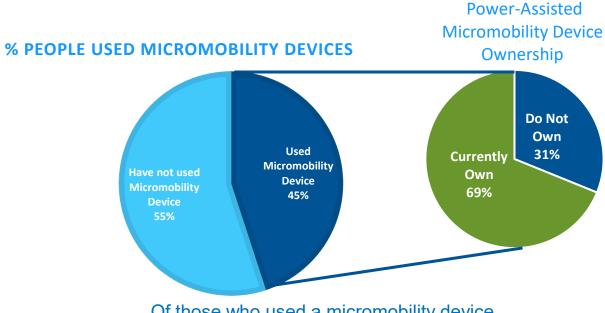
Recommendation to Council that the City of Vaughan will opt-out of the provincial pilot along with City of Toronto



2023

2022

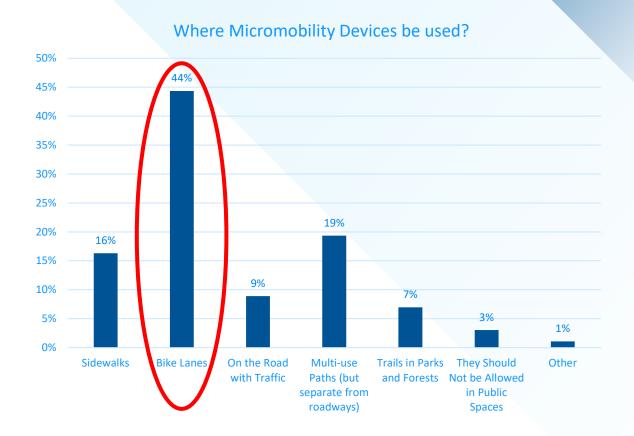
What we heard from our residents 2021-2023



Of those who used a micromobility device, **34%** used e-bikes and **37%** used e-scooters

82% surveyed participants would like to try/ continue riding micromobility device in the future

53% of all respondents strongly or somewhat agree that power-assisted micromobility devices are safe to use in the city



The top three (3) reasons for respondents to feel unsafe using these devices in the city are:

- Operating in mixed traffic on the road
- The speed of the power-assisted micromobility devices
- Lack of clarity on where to ride the devices



Addressing what we heard: Best Practices Research

Engaged consultant to complete research paper:

- Jurisdictional scan of best practices in North America
- Appropriate design of cycling facilities for micromobility devices
- Other recommendations to enhance safety for all users

Determined that designated cycling facilities in Vaughan can accommodate micromobility devices



PARSONS

A white paper detailing recommendations for accommodating motorized micromobility and micro-utility devices in Vaughan's cycling facilities



Recommendations: Where micromobility should be permitted

- Permit on designated cycling facilities (cycle tracks, bicycle lanes and in-boulevard multi-use paths)
- Permit on roads with speed limits ≤50 km/hour if designated cycling facilities are not provided
- Design all future designated cycling facilities to accommodate micromobility devices (cycle tracks / bicycle lanes of 2.0m; in-boulevard multi-use paths of 4.0m)
- Prohibit on sidewalks or on any roadway that prohibits pedestrians and/or bicycles (e.g. controlled-access highways)
- Prohibit on recreational multi-use trails and in parks and playgrounds



Cycle tracks under construction along Clark Avenue (2020)



In-boulevard cycle tracks along Millway Avenue within the Vaughan Metropolitan Cent

Recommendations: Where micromobility should be permitted

	E-bikes E-scooter	Other Power-Assisted Micromobility VehiclesImage: Segway Segway E-hoverboardImage: Segway E-hoverboard
Roadway	Yes ✓ Yes ✓ ≤ 50km/hour	No 🗙
Bike Lane	Yes 🗸 Yes 🗸	No 🗙
Cycle Track	Yes 🗸 Yes 🗸	No 🗙
In-boulevard Multi-use Path	Yes 🗸 Yes 🗸	No 🗙
Sidewalk	No 🗙 No 🗙	No 🗙
Recreational Multi-use Trail	No 🗙 No 🗙	No 🗙
Parks and Playgrounds	No 🗙 No 🗙	No 🗙
Private Property	Yes 🗸 Yes 🗸	Yes 🗸



Recommendations: Initiate Shared E-bike / E-scooter Pilot Project

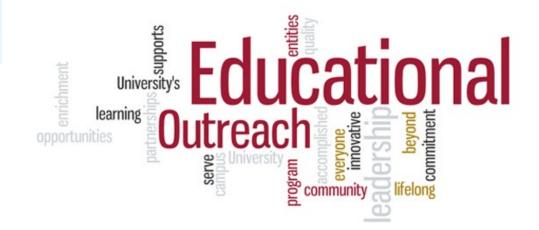
A shared e-bike and/or e-scooter service allows users to rent these devices for limited time use.

The benefits of this pilot project may include:

- Enabling a new form of convenient transportation to access major destinations and transit
- Showcasing safe and responsible use of micromobility devices through device programming rather than enforcement
- Providing information on how best to leverage these devices in the transportation system
- Understanding the potential environmental, economic and financial impacts of e-bikes and escooters



Recommendations: Raise Public Awareness



The key to ensuring safety for all road users is to raise public awareness through education and outreach. This allows the city to communicate with the public and provide information on:

- What power-assisted micromobility devices are
- Where they are permitted to be used
- How to use them responsibly and safely
- How to provide feedback and get more information
- What penalties could be incurred if used improperly



Council Approval September 23, 2023 Working Session



Council Approval

VAUGHAN

Committee of the Whole (Working Session) Report

DATE: Wednesday, September 13, 2023

WARD(S): ALL

TITLE: ACCOMMODATING MICROMOBILITY (E-BIKES AND E-SCOOTERS) AND INITIATE A SHARED PILOT

FROM:

Vince Musacchio, Deputy City Manager, Infrastructure Development

ACTION: DECISION

Purpose

To seek Council approval to enact the necessary by-laws to permit and regulate the use of e-bikes and e-scooters on designated cycling facilities and on certain roads where designated cycling facilities currently do not exist. Should Council approve the use of power-assisted micromobility devices as proposed, staff are also seeking approval to initiate a pilot project which would encourage private entities to offer shared micromobility services in Vaughan.

Report Highlights

- Through surveys, residents have expressed a desire to see certain micromobility devices, namely, e-scooters and e-bikes, used in designated cycling facilities.
- Background research conducted by staff indicate that designated cycling facilities with appropriate widths can accommodate e-bikes and e-scooters.
- Designated cycling facilities such as cycle tracks, bicycle lanes and multi-use paths be defined in the City's traffic by-law as the lanes on highways or portions of highways designated as such where official signs to that effect are erected and on display.
- The enactment of by-laws will establish the appropriate parameters and regulations for the use of e-bikes and e-scooters and is also necessary for the City to participate in Provincial pilot projects for e-scooters.
- All other forms of micromobility, including mopeds, segways, electric skateboards, and electric unicycles would continue to be prohibited on public right of way in the City.

Recommendations

- 1. That the proposed amendments contained in **Attachment 4** to this report be approved.
- 2. That a By-law be enacted giving effect to those recommendations, in a form satisfactory to the Legal Services.
- 3. That Council direct staff to consider accommodation of power-assisted micromobility devices in all planning, design and construction projects.
- 4. That Council reaffirm its support of separate cycling and pedestrian facilities to minimize conflicts.
- 5. That micromobility safety be incorporated into the MoveSmart Strategy.
- 6. That Council endorse the initiation of a Shared Micromobility Pilot Program (either through a procurement process or a permitting process) for a period ending on the earlier of 2 years from the date on which the by-law amendments referred to in recommendation one are enacted, or the day on which the Province revokes permission to use e-scooters.



By-law Amendments

As a result, the following by-law amendments were enacted on October 17, 2023:

- 1. <u>Parking By-law 064-2019</u>, as amended by <u>By-law 158-2023</u>, (the "Parking By-law") to add the definition of power-assisted bicycles known as "e-bikes" and electric kick-scooters known as "e-scooters" or "electric kick-style scooters", and to prohibit these vehicles from parking or stopping on sidewalks.
- 2. <u>Parks By-law 134-95</u>, as amended by <u>By-law 159-2023</u>, (the "Parks By-law") to add the definitions of power-assisted bicycles, also known as "e-bikes" and electric kick-scooters, also known as "e-scooters" or "electric kick-style scooters", and to prohibit these vehicles from parking, driving or riding within parks.
- 3. <u>Traffic By-law 284-94</u>, as amended by <u>By-law 160-2023</u>, to permit the use of electric kick-scooters also known as "e-scooters", and to regulate the use of electric kick-scooters and power-assisted bicycles (also known as "e-bikes") in the City, and to make other changes regarding the use of bicycle lanes, cycle tracks, and multi-use pathways.



Pilot Program

March – May 2025 Soft Launch After May Long weekend - Full Launch



Preparation

- Interviewed municipalities across Canada who has run successful escooter/ e-bike pilot programs (Alberta, Kelowna, Coquitlam, Windsor, Toronto)
- Interviewed through consultant Mississauga and Brampton
- Best Practice review across North America

Decision to go through Procurement Process to solicit up to maximum of 3 operators in the City for two years and optional one year extension



Project Timelines

- Soft launch –March to May 2025
 - Each operator to attend at least 2 pop-up events, optionally up to 5 popup events for which the date, time, and location will be provided by the City.
- ► Full launch Starting May 2025



Soft Launch

Purpose



- Engage: Gather feedback and insights
- Promote: Build awareness and interest, user sign-up, connect with local businesses
- Prepare: for Full Launch, connect with community centers, York Regional Police, By-law, and Service Vaughan

<u>Audience</u>

- Mayor and Members of Council, agencies (York Region Transit, TTC, Metrolinx), enforcement officers (by-law, York Regional Police)
- The Public: both users and non-users



Soft Launch

Education & Outreach



- Pop-ups existing scheduled events (Engineering Week, Earth Hour)
- Aim to go to Community Centers in each Ward and key destinations such as transit stations/ bus terminal.

Groundwork preparation

- Eliminate gaps with temporary cycling facilities or shared facilities
- Looking to solicit innovation to help with parking infrastructure and challenges through OVIN DZ



Full Launch

Objectives

- On the ground Shared Micromobility services across Vaughan
- Ensure smooth operations, compliance, and public safety
- Necessary tweaks reflecting feedback from soft launch

Key Dates

May 2025 – after long weekend

Phasing of Service

- Start with more urbanized areas to the outer rural areas
- Fleet size of max. 200 devices (25% must be e-bikes) per operator



FAQ

Parking

- "LOCK TO" requirement in agreement requires all operators to have devices lock to a pole/ bike rack/ in a parking corral area with the ability to enforce by "end the trip" feature for enforcement
- Hybrid of free floating parking in non-dense areas and designated parking corrals/ lock-to system in urban areas





Frequently Asked Questions No Riding Zone

- Cannot ride on sidewalks will slow to walking speed on sidewalks using Geofence technology
- Allow on bike lane, cycle tracks, in-boulevard MUPs and local roads with posted speed at 50km/hr or less



Next Steps

Council Package

Official Launch Event after May Long weekend



Council Package

Communication Memo to Mayor and Members of Council

- Sent March 12, 2025
- Admitted operators
- Start of soft launch and anticipated full launch date
- Education and Outreach events Council Package in progress
- Full launch phasing map
- FAQ
- Invitation to official launch event





Website Update

- Updated FAQ
- Announcement Pilot launch date
- Links to Operators' sites



le tracks and in-boulevard

Contact

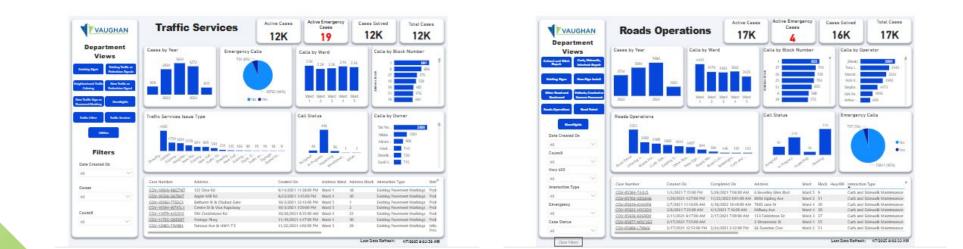
Infrastructure Planning and Corporate Asset Management



CRM Dashboard & Data Collection

Work with Service Vaughan to respond and log inquiries and complaints

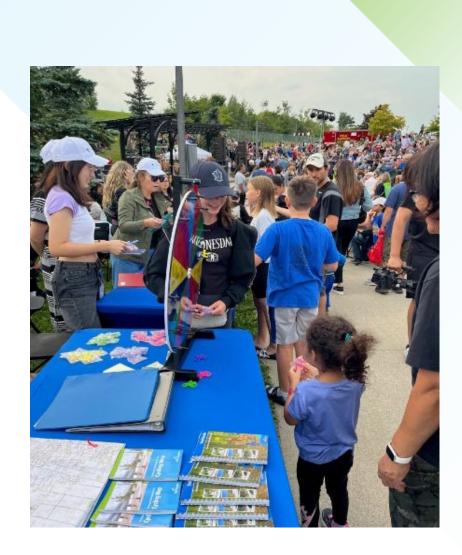
- Dashboard tracking of level of service & compliance
- Surveys to collect user experience and address concerns



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Pop-ups

- April May: Community Centers pop-ups
 - Educate and raise awareness
- June-August: Concert in the Parks
 - Collect feedback on how the pilot is working/ not working
- Continue education pop-ups offered by operators
 - Continuous training for first time riders





Signs & Wayfinding

Use bike standards and add micromobility

Put up more signage for clarity and wayfinding



ELECTRIC SCOOTER PARKING ONLY

SHARED PATHWAY SIGN (Rb-71)



 Rb-71
 300 mm x 450 mm

 Font
 FHWA Series C

 Colour
 Permissive Symbol – Green Reflective Legend & Border – Black Background - White Reflective

 Minimum
 Sheeting

 Type III or Type IV

Purpose and Background

The purpose of the SHARED PATHWAY sign is to indicate that both cyclists and pedestrians are expected to share the space on the path.

Sign Types

There is one type of SHARED PATHWAY sign (Rb-71).

Guidelines for Use

The SHARED PATHWAY sign should be installed along in-boulevard shared-used active transportation facilities to indicate that users are expected to share the space on the path. For further information, refer to OTM Book 18 (Cycling Facilities).

Location Criteria

The sign should be installed at key entry and exit points and must be placed so that it is visible to both cyclists and pedestrians. The sign should be kept clear of the path of cyclists and pedestrians. The sign should be ground-mounted, with horizontal offset of 300 mm to 2 m from the edge of the facility. The vertical mounting height should be 2 m to 3 m from ground elevation at the base of the sign post to the bottom of the sign.

Special Considerations

Y N/A

ON PATH

Guidelines for Use

The BICYCLES YIELD TO VEHICLES sign may be used where there is an

sign may be used where there is an uncontrolled crossing of a roadway from a designated bicycle facility and significant conflicts have been identified or are anticipated due to high volumes of cyclists, high volumes of vehicles, high speeds and/or high levels of driver workload.

Location Criteria

The BICYCLES YIELD TO VEHICLES Sign should be ground-mounted on the right side of the cycling facility in advance of the location where there is a potential of conflicts between entering bicycles and vehicles. The sign should be placed within 5 m of the conflict point and should be continuously visible to cyclists for 35 m.

Legal Status

No HTA reference.

Bicycle lanes or facilities must be supported by municipal by-law to be enforceable in municipalities.

Special Considerations



BICYCLES PERMITTED Sign (Rb-69)



Rb-69	600 mm x 600 mm
Font	N/A
Colour	Permissive Symbol – Green
	Reflective
	Legend & Border – Black
	Background – White
	Reflective
Minimum	
Sheeting	Type III or IV

Purpose and Background

The purpose of the BICYCLES PERMITTED sign is to provide direction to cyclists indicating where bikes are permitted in areas where they would be otherwise prohibited.

Sign Types

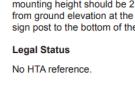
There is one type of BICYCLES PERMITTED sign (Rb-69).

Guidelines for Use

The BICYCLES PERMITTED sign may be used to advise cyclists that bicycles are permitted to use the facility. The use of BICYCLES PERMITTED sign is specific to locations where there is no designated bicycle route.

The BICYCLES PERMITTED sign may be





Thank you!

Corporate and Strategic Communications Vaughan City Hall 2141 Major Mackenzie Dr. Vaughan, ON L6A 1T1

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C2. Communication Inclusion and Community Outreach Advisory Committee – May 12, 2025 Item No. 2

Annual City-led Pride Month Ceremony

Inclusion and Community Outreach Advisory Committee

May 2025



Purpose of Report

- City's ongoing efforts to raise awareness about Pride Month.
- Support the local 2SLGBTQI+ community.
- Request support from Council for an annual City-led event to celebrate Pride Month.



Report Highlights

- Vaughan Council received a presentation in June 2023 on recognizing and celebrating the City's diverse 2SLGBTQI+ communities.
- Past and Ongoing Initiatives
 - The City has proclaimed Pride Week every year since 2003 and Pride Month since 2020, with events including official flag-raising ceremonies.
 - In March 2022, a rainbow crosswalk, planters, and a bench were installed at Vaughan City Hall.
 - Vaughan Public Libraries (VPL) offer inclusive programs and services during Pride Month.
 - The City and VPL participate annually in the York Region Pride march.
 - New events role funded to support cultural celebrations, including Pride Month.



Recommendations Approved

Starting June 2025, the City will host an annual Pride event, which may include a flag-raising and community celebration, to further strengthen its commitment to 2SLGBTQI+ inclusion.





Thank you!

Inclusion and Community Outreach City of Vaughan 2141 Major Mackenzie Dr. Vaughan, ON L6A 1T1

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