

PED20134
PW20050



Hamilton

REGULATION OF E-SCOOTERS IN HAMILTON

December 7, 2020

Outline of Presentation

- What is an e-scooter
- Current Provincial Regulations
- Practices in other Jurisdictions
- Commercial Operations
- Next Steps









What is an E-Scooter?

- Kick-style electric scooters (e-scooters) are typically a two-wheeled device a rider stands on, holding a handlebar
- E-scooters are powered by an electric motor and are limited to speeds of 24 km/r
- Commercially operated e-scooters can be shared through app-based technology



E-scooters would become a part of the Shared Micromobility system in Hamilton (highlighted in red)

					
<p>Pedal-Powered Bike</p>	<p>Electric, or E-Bike</p>	<p>Electric Kick-Style Scooter or E-Scooter</p>	<p>Electric Sit-On-Top Scooter</p>	<p>Electric Pedal Assist</p>	<p>Motor-assisted Bicycle</p>
<p>Allowed on Bike Lanes, Roads, and Trails.* Not allowed on sidewalks</p>	<p>Allowed on Bike Lanes, Roads, and Trails.* Not allowed on sidewalks</p>	<p>Boundaries TBD By Council Same as Bikes Recommended</p>	<p>Allowed on Bike Lanes and Roads. Not allowed on trails or sidewalks</p>	<p>Allowed on Bike Lanes and Roads. Not allowed on trails or sidewalks</p>	<p>Allowed on Roads, not allowed on bike lanes, sidewalks, or trails</p>
<p>Max Speed 20km/h * Except where prohibited</p>	<p>Max Speed 25km/h</p>	<p>Max Speed 24km/h</p>	<p>Max Speed 24km/h</p>	<p>Max Speed 30km/h</p>	<p>Max Speed 65km/h</p>

Ontario E-Scooter Legislation

- In January 2020, the Province of Ontario (the Province) announced that it would begin a five-year pilot program which would permit e-scooters on municipal roads throughout the Province, if a municipality passed a by-law to “opt in”.
- E-scooter use within a municipality is not allowed unless a municipality permits their use by municipal by-law
- By-law may restrict where scooters operate (e.g. restrict their use on sidewalks) and where they may be parked

Practices in other Jurisdictions

Current E-scooter systems in Canada and the United States



Practices in other Jurisdictions

- E-scooters currently permitted in Ottawa, Windsor, Calgary, Edmonton and Kelowna, for example
- Other regions have programs in the planning stage (example: Waterloo and London)
- Commercially operated e-scooters were recently paused in Montreal for 2020
- The use and parking of e-scooters is currently prohibited in Toronto - a July 2020 staff report recommended further measures be put in place to ensure safe operations prior to the introduction of commercial operators)

E-scooter Operational Benefits & Challenges

E-scooters have been controversial, but after four years of operational experience, they have improved consistently

Benefits	Challenges
<ul style="list-style-type: none">• Reduced auto reliance• First-last mile transit support• Increased mobility convenience• Reduced air pollution• Reduced GHG impacts• Enhanced safety measures in new devices	<ul style="list-style-type: none">• User safety• Pedestrian safety• Parking on sidewalks and abandoning scooters• Responsibilities for enforcement• Lack of clarity on liability and collision reporting

E-scooter Operating Areas

E-scooters are transportation modes that can enable more sustainable short trips – however, they will not be permitted in all areas as follows:

Permitted Areas	Banned Areas
<ul style="list-style-type: none">• All local roads• All on-street bike lanes• All multi-use paths adjacent to road ways• Some key trails that provide a community connection benefit, are sufficiently wide and routinely maintained (and signed for use)	<ul style="list-style-type: none">• All sidewalks and pedestrian areas• Most parks that do not constitute a transportation connection

Commercially operated e-scooters

- Staff recommend “opting in” to allow e-scooters on municipal roads and this report is seeking that approval
- Commercial e-scooter operations that are similar to bike share operations will be considered at a separate Public Works Committee meeting in Q1 2021
- If e-scooters are permitted, staff will develop and recommend an operations framework for commercial e-scooter operators, as part of the overall micromobility strategy for the City.

Recommendations

- (a) That the amending By-law to City of Hamilton By-law 01-215, being a by-law to Regulate Traffic (“City of Hamilton Traffic By-law”), to add the definition and regulations for the operation and use of electric kick-scooters (“E-Scooters”), attached to Report PED20134/PW20050 as Appendix “A”, and which has been prepared in a form satisfactory to the City Solicitor be enacted and effective immediately;
- (b) That a temporary prohibition on commercial E-Scooter operations be put in place until an operating framework and related regulations for commercial E-Scooters has been established;
- (c) That the By-law to Regulate Commercial E-Scooters attached as Appendix “B” to Report PED20134/PW20050 prepared in a form satisfactory to the City Solicitor, be enacted and effective immediately;

**“Opt In” to
Provincial pilot**

**Hold on
Commercial
operations until
framework
developed**

**Regulate e-
scooters**

Recommendations

- e) That the set fines for regulations pertaining to E-Scooters and updated fines for the Traffic By-law, attached as Appendix “C” to Report PED20134/PW20050 prepared in a form satisfactory to the City Solicitor, be submitted to the Ministry of the Attorney General for approval;
- f) That the draft amending By-law to Manage and Regulate Municipal Parks and to amend By-law 17-225, being a By-law to Establish a System of Administrative Penalties, attached as Appendix “D” to Report PED20134/PW20050 prepared in a form satisfactory to the City Solicitor, be enacted and effective immediately;
- g) That the City of Hamilton User Fees and Charges By-law 19-160 be amended to reflect an administrative and enforcement cost of \$246.01 and a storage charge of \$62.83 per commercial E-Scooter per day;
- h) That staff be directed to report back to Public Works Committee with a strategy for regulating commercial operations of E-Scooters and their integration with the bike-share system.

Set fines

Set rules for operations in Parks

Discourage commercial operations temporarily

Report Back

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THANK YOU