



E-Scooter Pilot Project

**Presented to Waterloo Advisory Committee
on Active Transportation (WACAT)
Waterloo Memorial Recreation Complex
Room 200
November 13, 2018**

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Why e-Scooters? Why a Pilot?

- **e-Scooters provide a transportation solution for the “last mile” of a trip, enhancing sustainability objectives**
- **In the U.S. the e-Scooter is the most popular mobility share device**
- **Lime looking to expand into Canada**
- **Transport Canada & MTO regulations do not allow e-scooters on public highways**
- **Lime working with these agencies to consider changes to regulations**
- **Lime pilots are running in Calgary & Montreal**
- **Waterloo was 1st in Canada**

Lime-eScooter?

- an e-Scooter is a two-wheel vehicle powered by a rechargeable battery
- 32+ km maximum range
- Solid, stable 8" wheels
- 24 kph maximum speed
- \$1/unlock + \$0.30/min to ride
- 250-watt motor
- In-app battery monitoring





Overview of Waterloo Pilot Project

- **Council asked staff to investigate risks & challenges to bringing e-scooters to Waterloo**
- **City staff consulted with MTO and Waterloo Region Police to allow the pilot to proceed with conditions**
- **License Agreement for Pilot Project**
 - **robust insurance protection for users & indemnity for municipalities & UW**
 - **Limited to 100 scooters this fall**
 - **Scooters picked up (9pm) each night for cleaning, re-charge and maintenance**
 - **Re-deployed at 7am**
 - **Local LIME office and maintenance staff**

Route Map

- 5.5 km
- **Laurel Trail + R&T Park roads**
- **Route is “geo-fenced”**
- **Outside route, scooters\ speed is limited to 5kph**





Expectations

- **Data from pilot will inform longer term strategy for mobility choices in Region**
- **UW research study**
- **Inform City Transportation Master Plan**

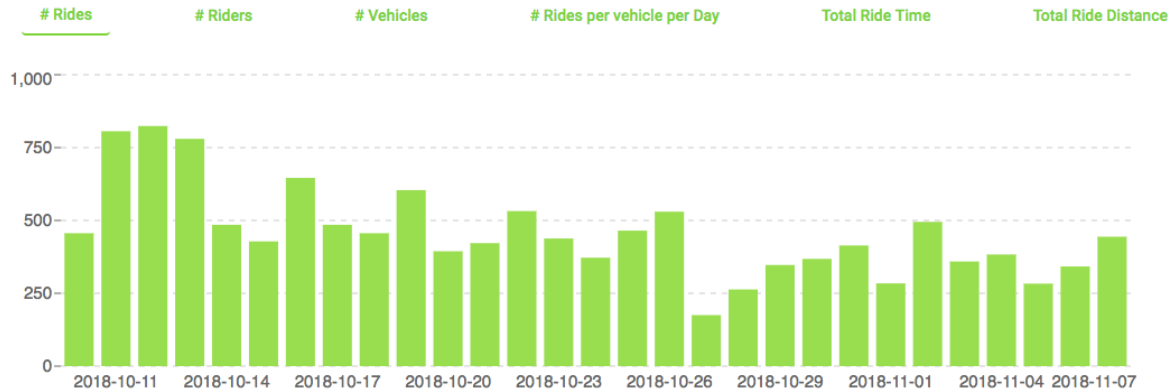


Trip Data (Oct 11 to Nov 7, 2018)

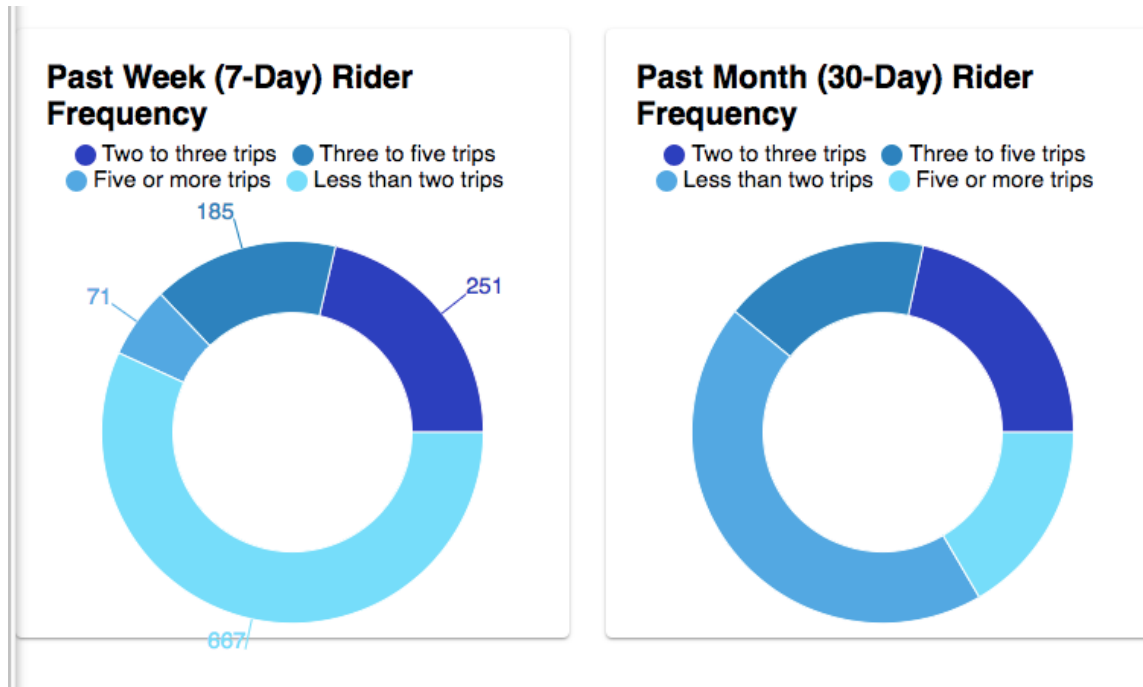
# Rides	# Riders	Total Distance	Total Time	Median Distance/Trip	Median Time/Trip
16,277	6,061	11,005.3 mi	190,804 min	0.5 mi	7 min

Trips Trends

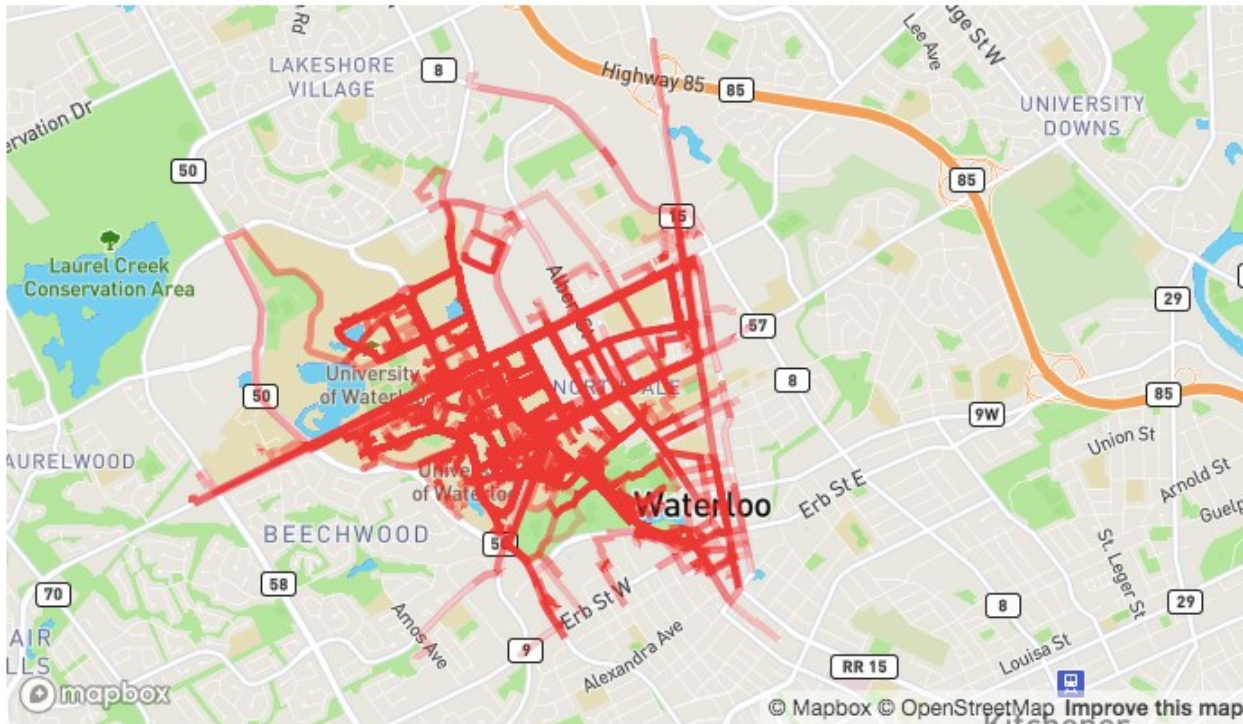
Daily ▾



Trip Frequency by Rider



Where are riders actually going?





Summary (Oct 11 to Nov 7, 2018)

- **~16,000 trips**
- **~6,000 riders**
- **Distance travelled = 11,000 miles**
- **Median distance/trip = 0.5 miles**
- **Median time/trip = 7min**