

A stylized illustration of a smart city. The background features a skyline with various buildings, including a tall tower with a red top, a building with solar panels, and wind turbines. An airplane with a red tail is flying in the sky. A large red banner is overlaid on the middle of the image. Below the banner, a street scene shows people using different modes of transport: two people on bicycles, a person on a kick scooter, a couple walking, a small white car with a Wi-Fi symbol, a family with a dog, a child on a scooter, a person on a skateboard, and a person on a motor scooter. In the foreground, a car is shown with a person inside using a laptop, also with a Wi-Fi symbol. The overall theme is smart mobility and IoT connectivity.

March 17, 2021

Private Sector Bike Share
TT2021-0291

Previous Council Direction – January 18th, 2021

Direct Administration to engage interested micromobility operators that offer bikeshare, with the potential to reintroduce bikeshare at no cost to taxpayer, and return to Transportation and Transit committee with potential options or recommendations no later than Q1 2021

Bike Share Systems



Toronto



Montreal

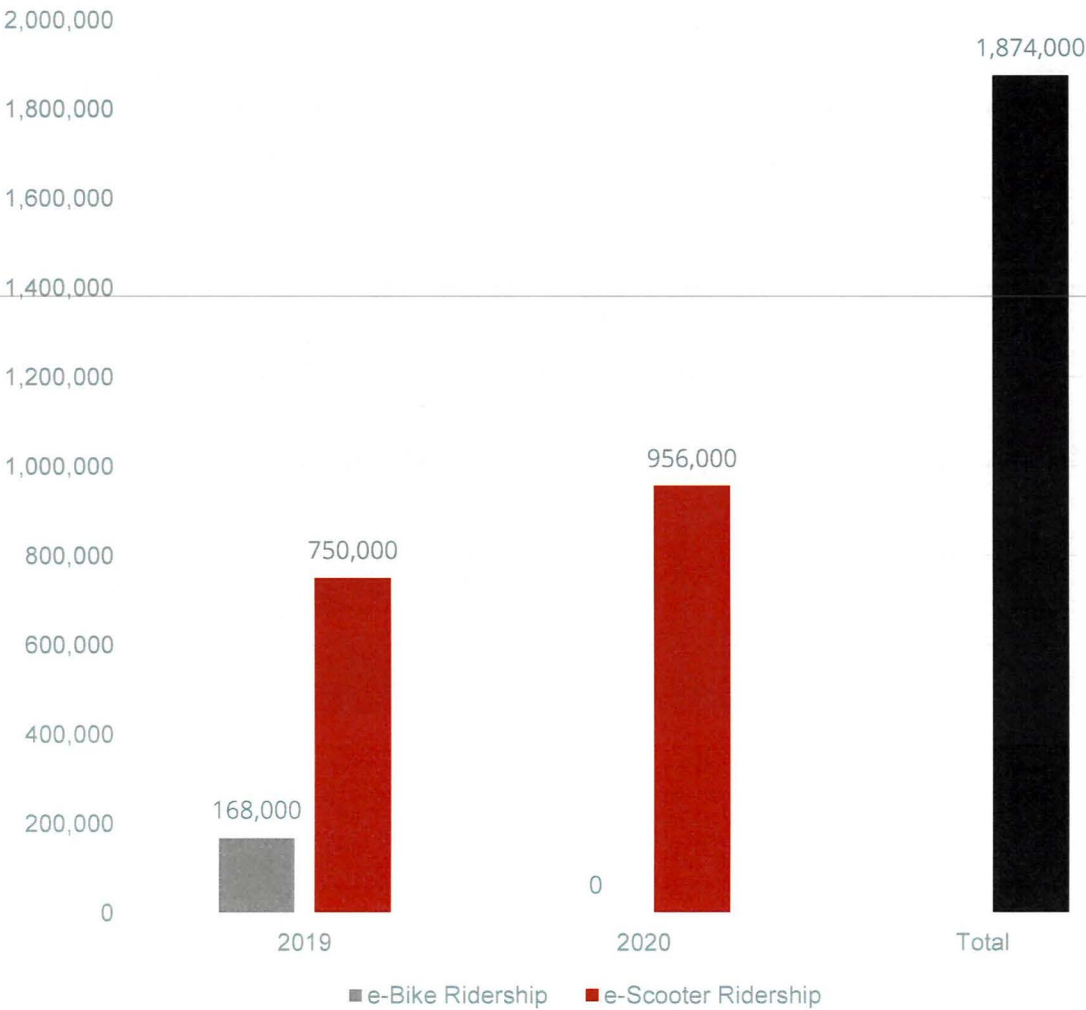


Vancouver

Shared e-Scooter and e-Bike Pilot



e-Bike and e-Scooter Ridership





2019 - Early 2020

Lime bikes not returning to Calgary; e-scooters more popular, company says

By [Kaylen Small](#) · Global News
Posted February 1, 2020 3:40 pm



Why Are Bike Share Companies Pivoting to E-Scooters?

FOLLOWING RIDERSHIP TRENDS, LIME AND OTHER STARTUPS TURN AWAY FROM BICYCLES.

BY [ALEX VUOCOLO](#) Mar 4, 2019



Not just Calgary

Mid-2020 - Current

BALTIMORE CITY MARYLAND

Bike-share program JUMP relaunches in Baltimore as latest alternative to driving

Lime adds more JUMP bikes in Seattle but says long-term viability hinges on city allowing scooters

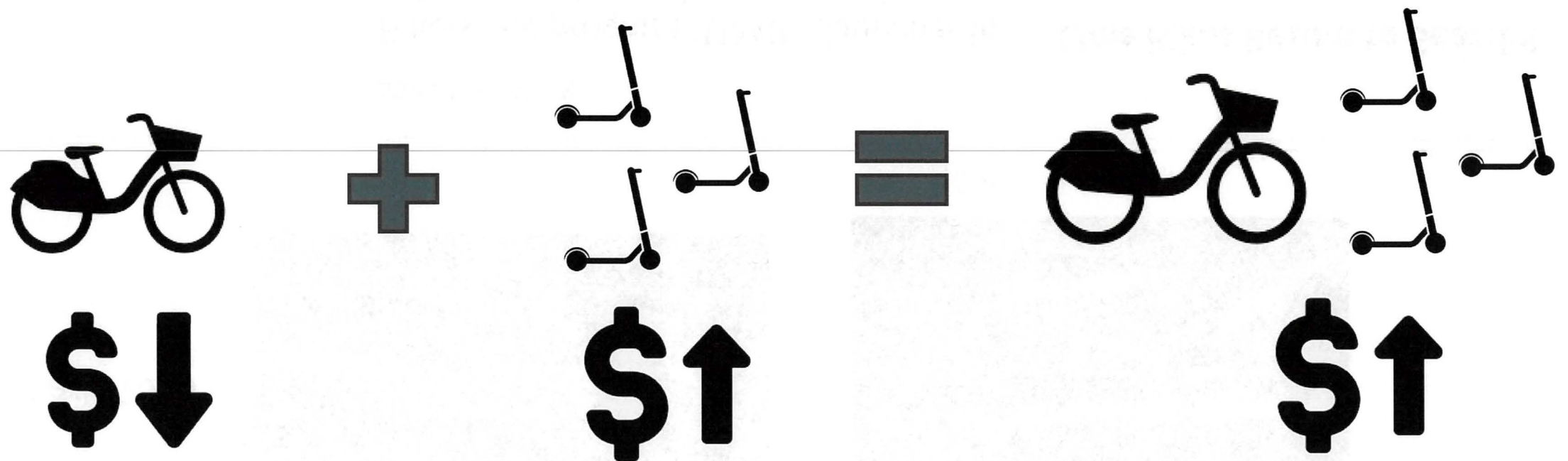
BY [MONICA NICKELSBURG](#) on August 5, 2020 at 1:37 pm

Lime Bikes Return to Seattle!

by [Ethan Bergerson](#) on June 22, 2020

Lime unveils new e-bike as part of \$50 million investment to add 25 cities

Equation for Companies

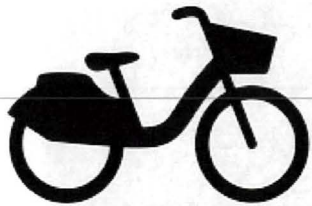


Parking and Accessibility Concerns

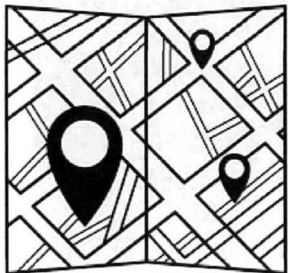


- Current e-Scooter cap of 1,500.
- The City is working with the companies on additional parking zones, penalties, and incentives in order to remedy the issue.
- Cap will not be lifted until parking and accessibility issues are addressed.

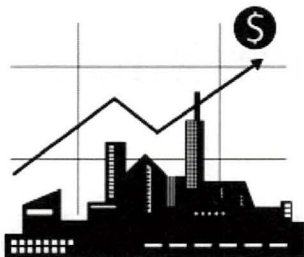
Permit conditions will be in place that will allow companies to increase their permitted e-Scooter fleet, **IF** they address parking and accessibility concerns caused by e-Scooters **AND** provide one or more of the following:



Provide bikes, e-bikes or other approved micromobility devices



Provide service in unserved areas, fostering more equitable access and better transportation connectivity for Calgarians

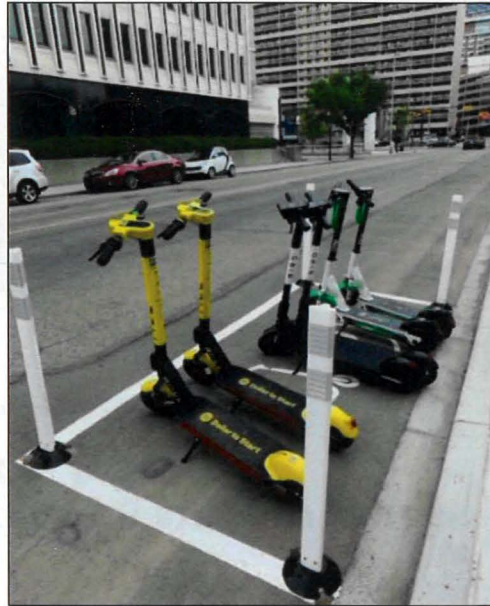


Investment in the local economy by locating jobs or research and development services in Calgary

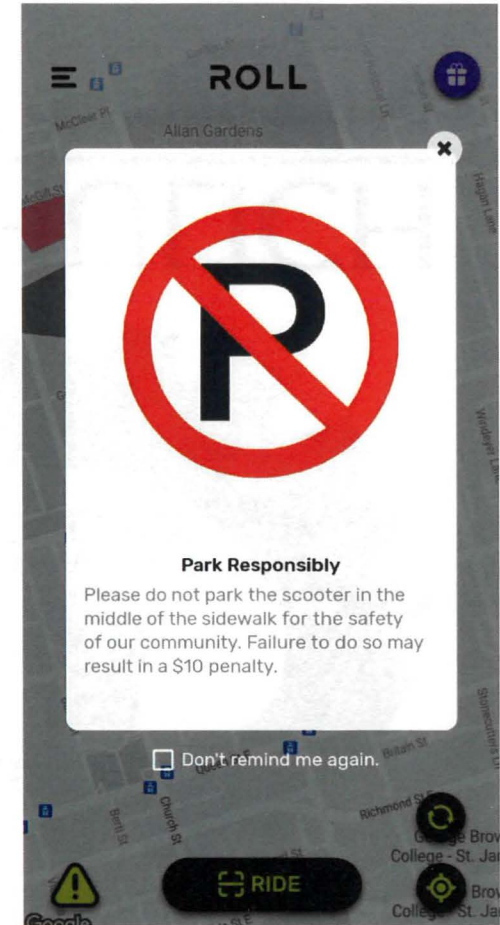
RECOMMENDATION(S):

That the Standing Policy Committee (SPC) on Transportation and Transit (T&T) recommend that Council receive this report for the Corporate Record.

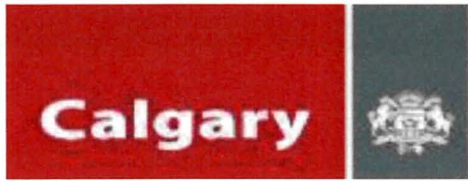
Monitoring - Parking



- 30 Zones Trialed
- 2.5% of users ended trips in zones
- 10% of scooters deployed by companies in zones



188 Tickets in
3 Month Period



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March 1, 2021

UCalgary researcher discovers how much Calgarians love their e-scooters

Data insights from Merkebe Demissie's transportation study inform city planning

AUTHOR
Joe McFarland, Schulich School of Engineering

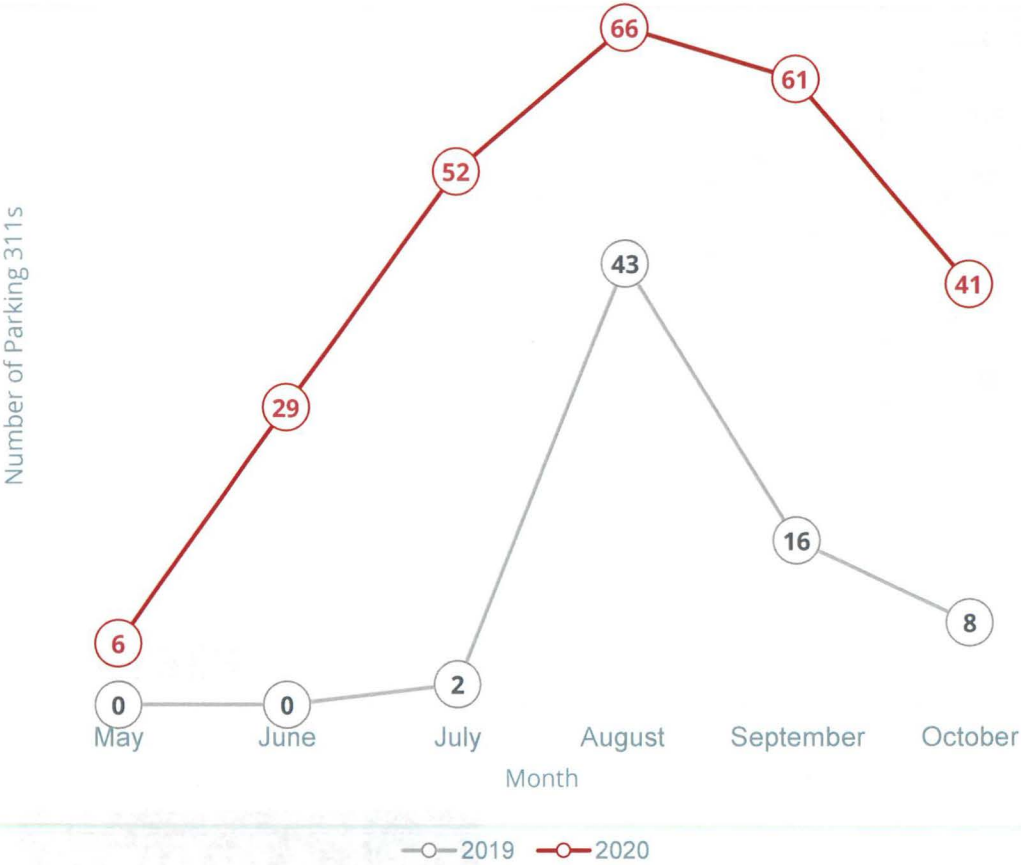
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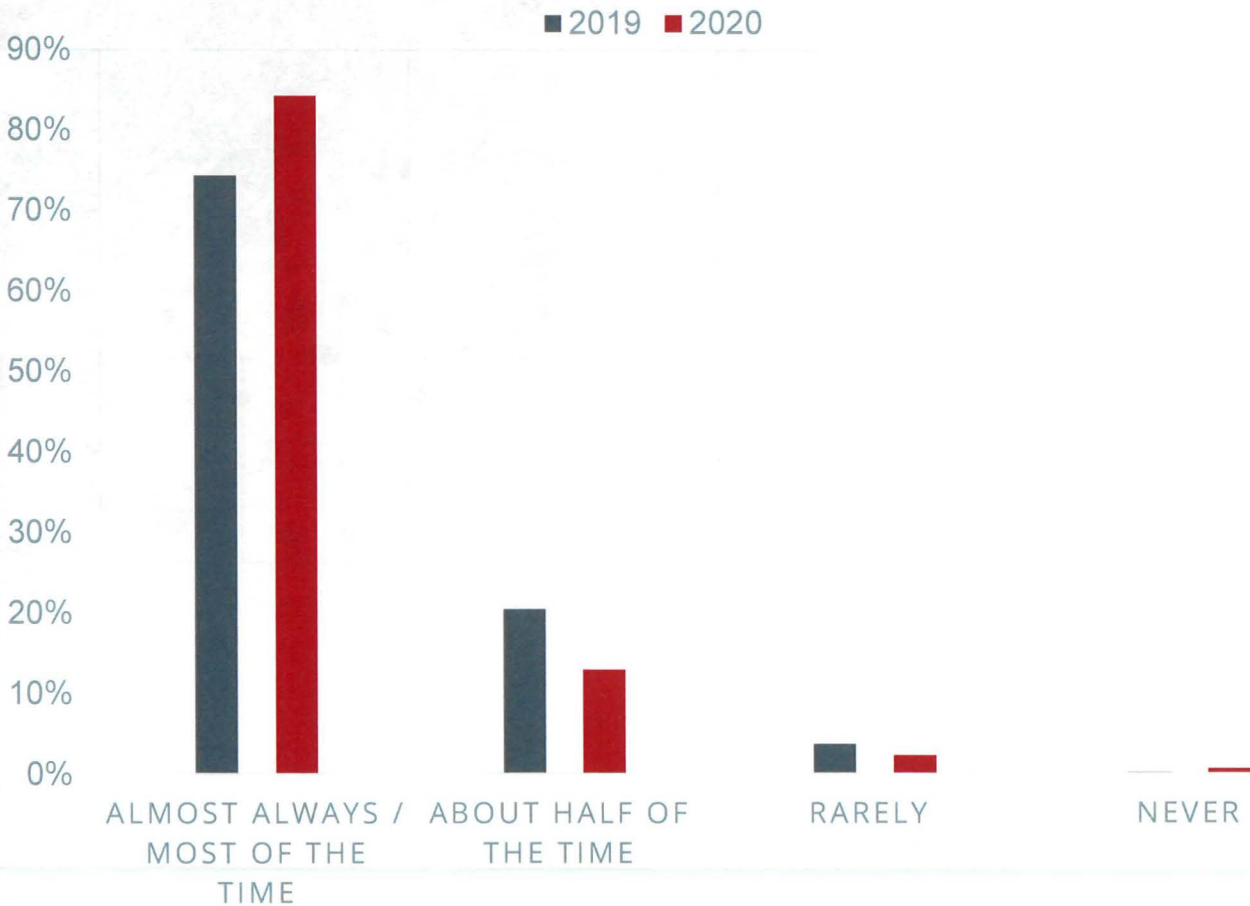


Parking – Key Data

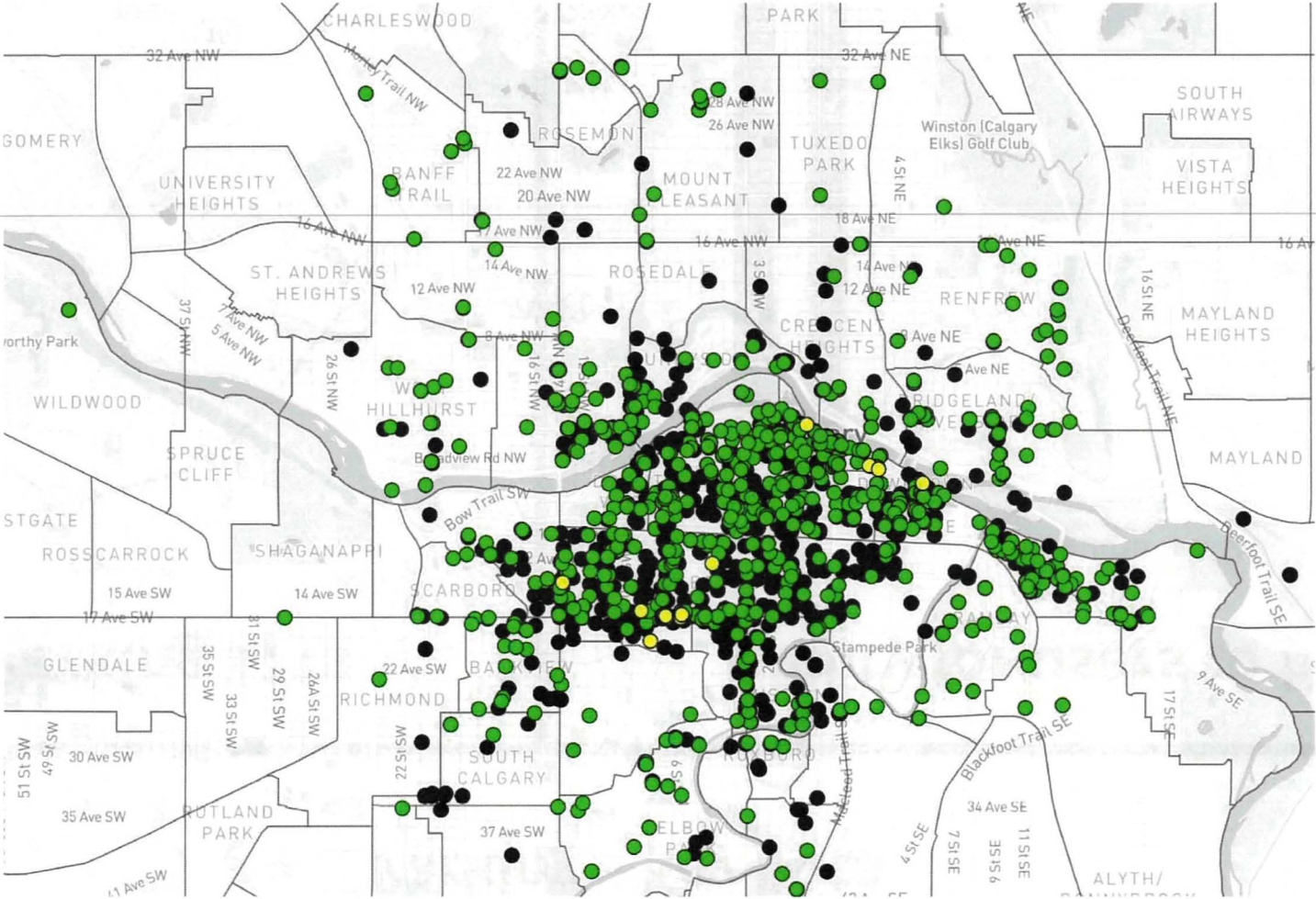
E-Scooter Parking 311s



Ability for users to find an e-Scooter

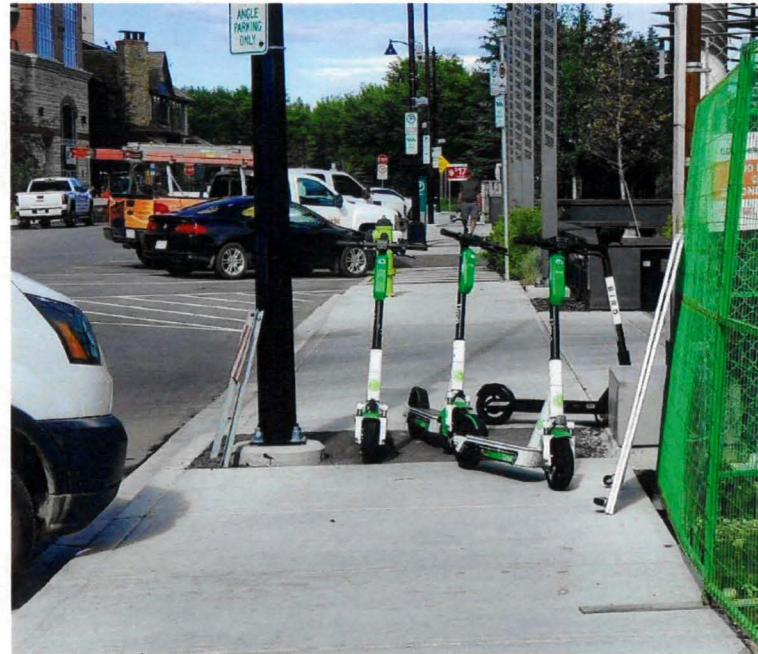


Data

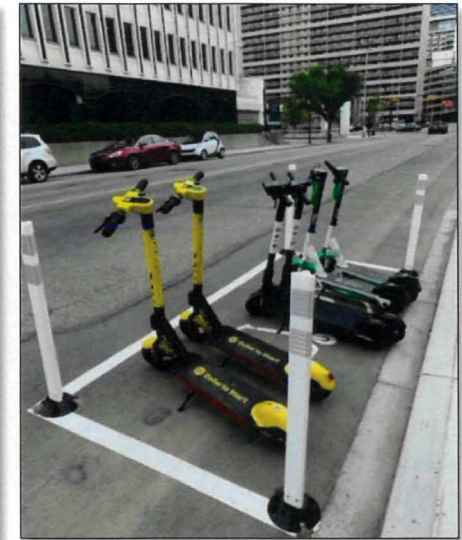
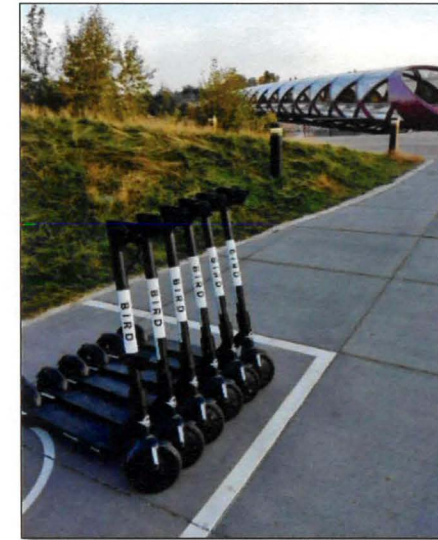


Parking – From Pilot Final Report

**1,500
Permitted
e-Scooters**



Fine Companies Directly

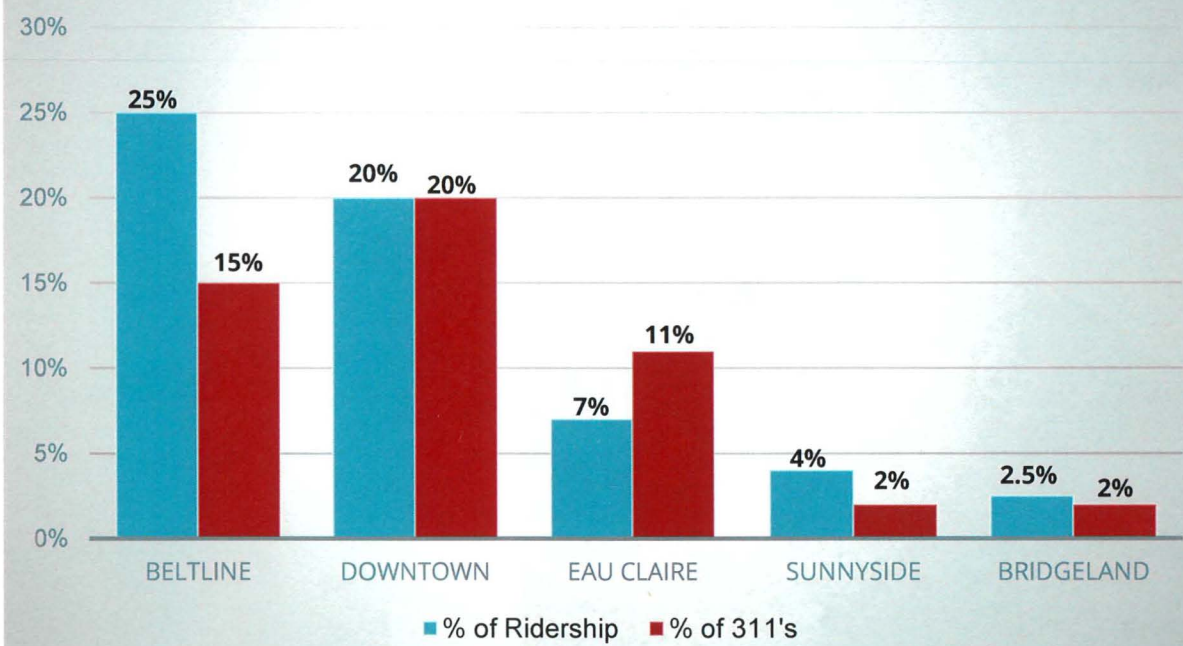


**\$20 per device fee to build
device infrastructure +
working with the
companies to incentivize
better parking**

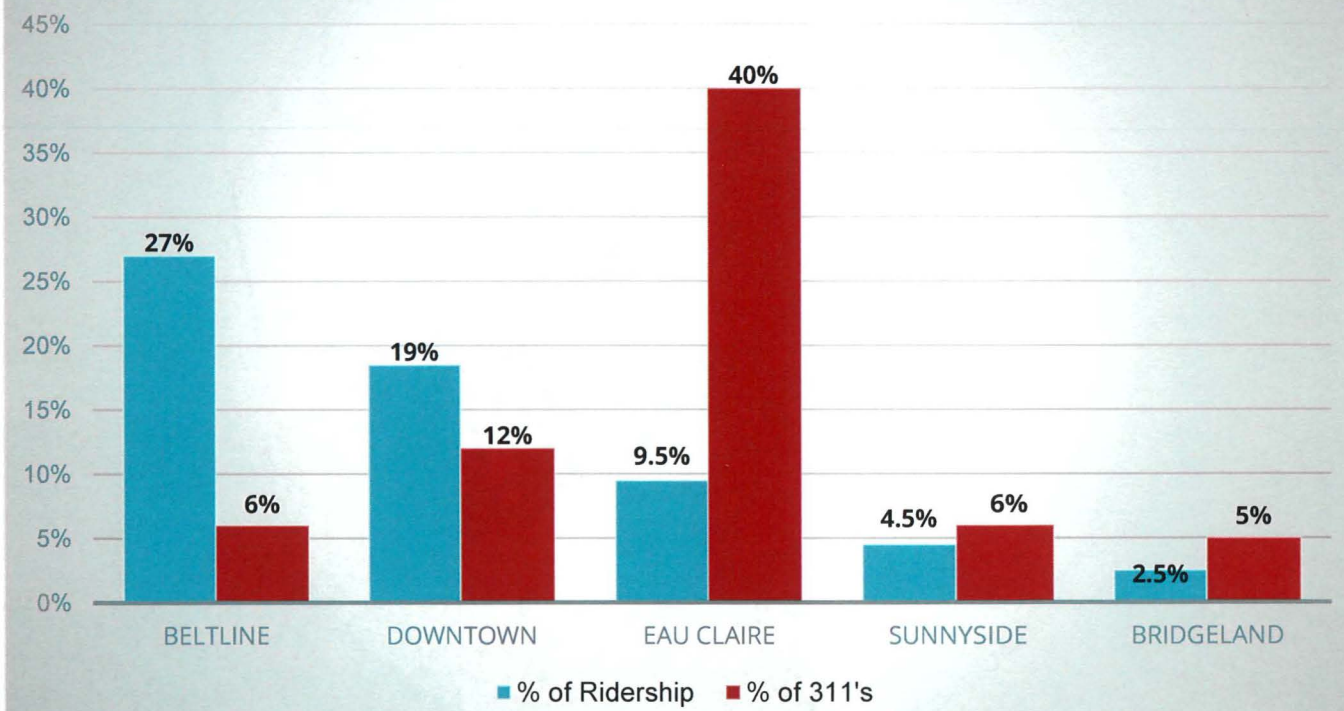
E-Scooter Caps

City	State	Per Operator Scooter Cap
Alexandria	VA	200
Arlington	VA	675
Atlanta	GA	2,000
Austin	TX	4,500
Charlotte	NC	400
Chicago	IL	250
Cincinnati	OH	400
Cleveland	OH	400
Columbus	OH	500
Dallas	TX	4,000
Denver	CO	684
Indianapolis	IN	1,000
Kansas City	MO	1,000
Los Angeles	CA	6,500
Louisville	KY	450
Memphis	TN	900
Miami	FL	744
Milwaukee	WI	750
Nashville	TN	500
Oakland	CA	1,000
Orlando	FL	200
Phoenix	AZ	300
Portland	OR	525
Salt Lake City	UT	600
San Antonio	TX	1,000

2019: % of Ridership vs. 311 Complaints



2020: % of Ridership vs. 311 Complaints





CITY OF CALGARY
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