



Micromobility Update

City of Tacoma | Public Works

Infrastructure, Planning, and Sustainability Committee
January 15, 2020



WHAT IS MICROMOBILITY?



“Shared-use fleets of small, fully or partially human-powered vehicles such as bikes, e-bikes, and e-scooters.”

(Source: NACTO)



WHY MICROMOBILITY?



- Alignment with City goals & policies
- These programs can:
 - Capture a new market of active transportation users
 - Address barriers that come with bike or scooter ownership
 - Help close first/last mile gaps and connect to transit



MICROMOBILITY IN TACOMA



2017	Study identifies barriers to station-based bike share in Tacoma
Fall 2018	Lime & Bird receive 60 day permits: <ul style="list-style-type: none"> • Lime launches with 100 bikes & 250 scooters on 9/21 • Bird launches with 250 scooters on 10/12
Winter 2018	Lime and Bird each receive 60 day permit extensions and are allowed to increase to 500 scooters each
February 2019	<ul style="list-style-type: none"> • Bird chooses to leave Tacoma • Lime removes bikes from Tacoma
Winter – Fall 2019	Lime receives two additional permit extensions, first through 9/30/19 then through 5/31/20
December 17, 2019	Lime removes scooters for winter break, expects to return in March 2020



LESSONS LEARNED: USAGE



Lime Scooters

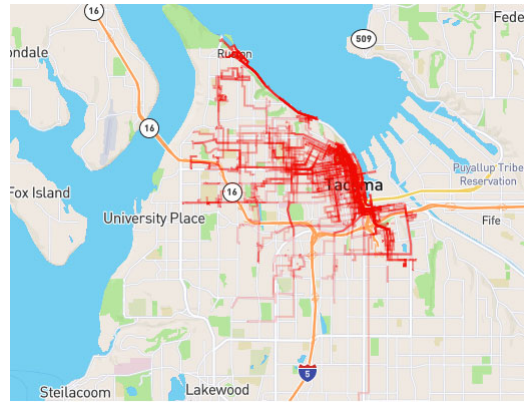
9/21/18 -12/18/19 (15 months)

- 346,623 trips
- 86,434 unique riders
- 431,279 miles

Lime E-Bikes

9/21/18 -1/20/19 (4 months)

- 14,986 trips
- 5,773 unique riders
- 14,788 miles



Map of December 2019 scooter trips

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LESSONS LEARNED: RESPONDING TO COMMUNITY FEEDBACK



- Pedestrian comfort & safety
 - Speed capped at 8 mph along Ruston Way & parts of Downtown
- Graffiti & damage
 - Wear & tear vs. graffiti
 - Graffiti Rapid Removal Program
- ADA Accessibility
 - Parking pilot planned for spring 2020
 - Potential code updates



Draft design of scooter parking stencils

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LESSONS LEARNED: POTENTIAL CODE UPDATES



- Where to ride?
 - Currently scooters are allowed on roads and sidewalks but not bike lanes
- Helmet requirements
 - No statewide helmet law; up to local jurisdictions
 - Current city helmet requirement applies to scooters, bicycles, roller skates, and skateboards, but not e-bikes



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LESSONS LEARNED: SURVEY RESULTS



Tacoma Lime User Survey (Fall 2019)


94.1% of Tacoma respondents want the program to become permanent.

What have other jurisdictions heard?


- 62% of all Portlanders viewed e-scooters positively; support was higher among:
 - Residents under 35 (71%)
 - People of color (74%)
 - Residents with incomes below \$30,000 (66%)
- In Spokane, 95% of bike & scooter share users and 59% of non-users thought the program was good for the community.

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REQUEST FOR PROPOSALS TIMELINE



January - February	Draft RFP & code updates Community Outreach
March 4, 2020	Presentation at Infrastructure, Planning, and Sustainability Committee on RFP & proposed code updates
Mid-March	Release RFP
April - May	Evaluation & decision Finalize code updates Finalize launch logistics
May 31, 2020	Lime's permit expires
June 2020	Micromobility program launch



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REQUEST FOR PROPOSALS: APPROACH & KEY CONSIDERATIONS



- Approach
 - Based on City of Spokane's model
 - Community engagement
- Key Considerations
 - Lessons learned from pilot
 - Equity & access
 - Fleet mix & size
 - Pricing



Downtown On the Go

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