

Dockless Mobility Update

June 18, 2019 | 1:30 PM

1st Floor Chambers | 100 North Andrews Avenue



Agenda

1. Experience So Far
Ridership, Crashes, and Surveys
2. Proposed Legislative Changes
CS/CS/HB 453: Micromobility Devices
Sidewalk Riding
3. Ordinance Refresh
Recommendations for Permit 2.0

Experience So Far ▶

Ridership – Nov '18 to May '19

 **695,243** *total rides*

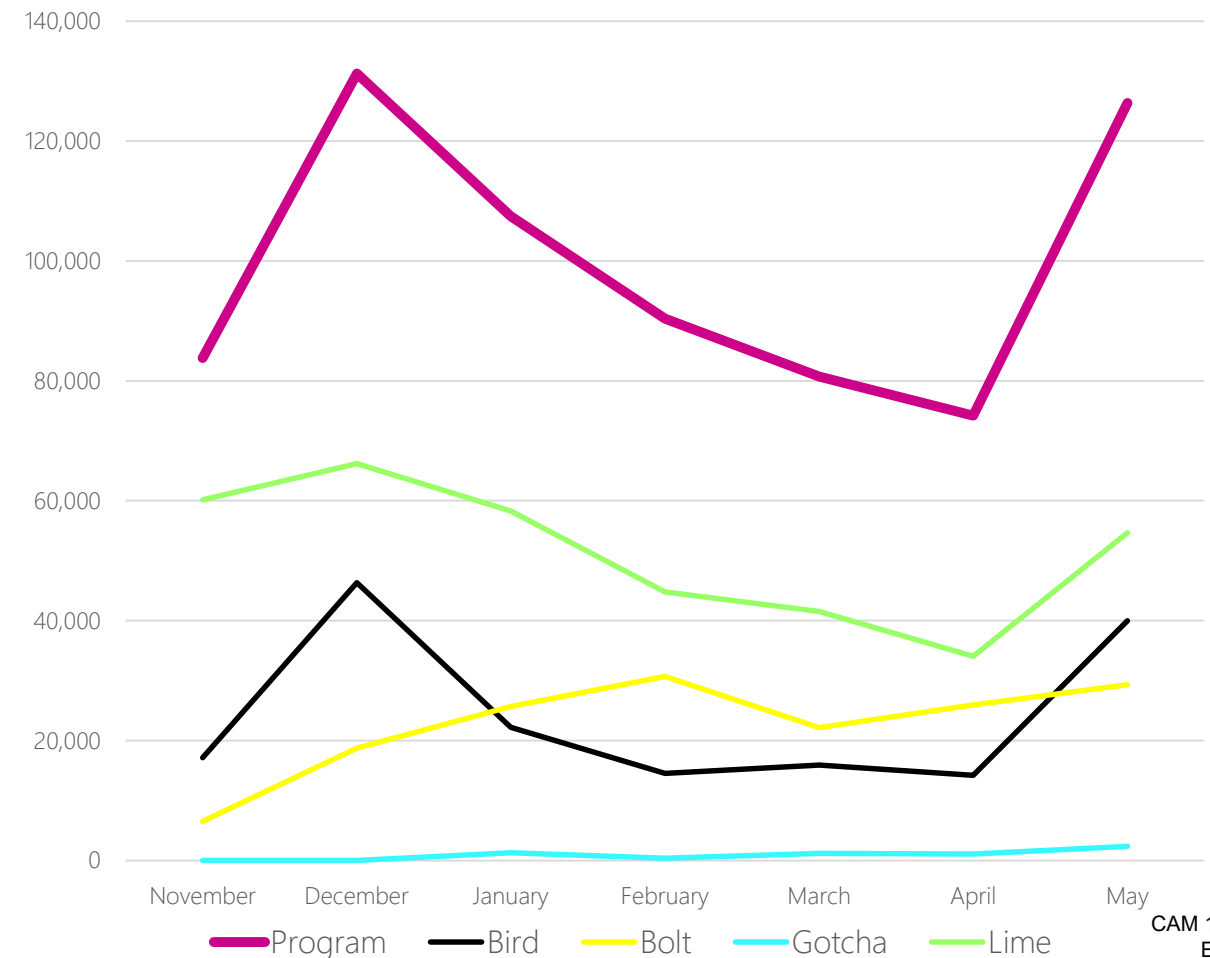
 **906,700** *total miles traveled*

 **3,038** *average unique weekly riders*

 **21.35** *average ride duration (minutes)*

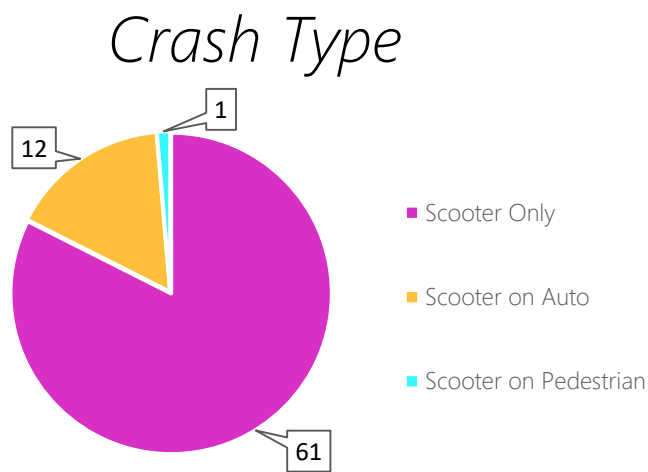
 **1.5** *rides per user per day*

 **3.58** *rides per scooter per day*



Experience So Far

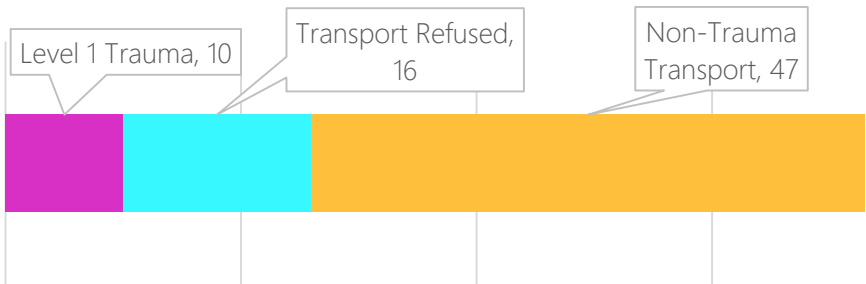
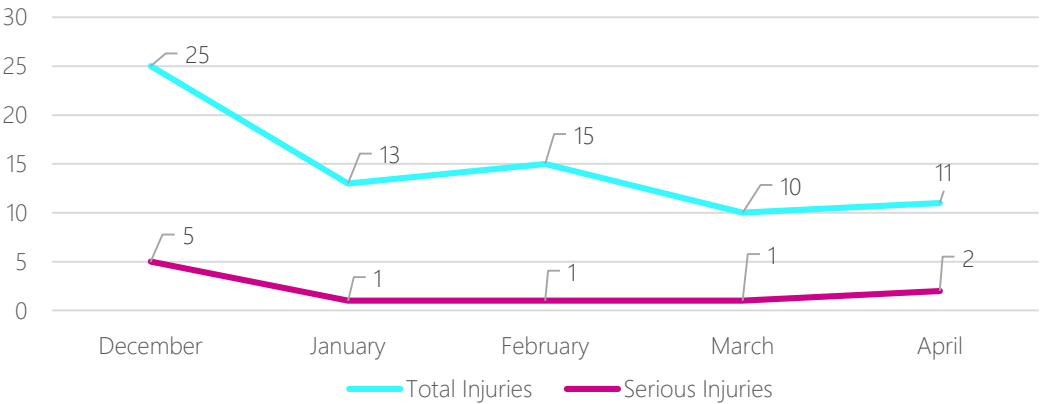
Crashes – 12/1/18-4/30/19



20.0 crashes per 100,000 trips (Preliminary CDC Study)

13.0 crashes per 100,000 trips (City of Fort Lauderdale)

Total Crashes

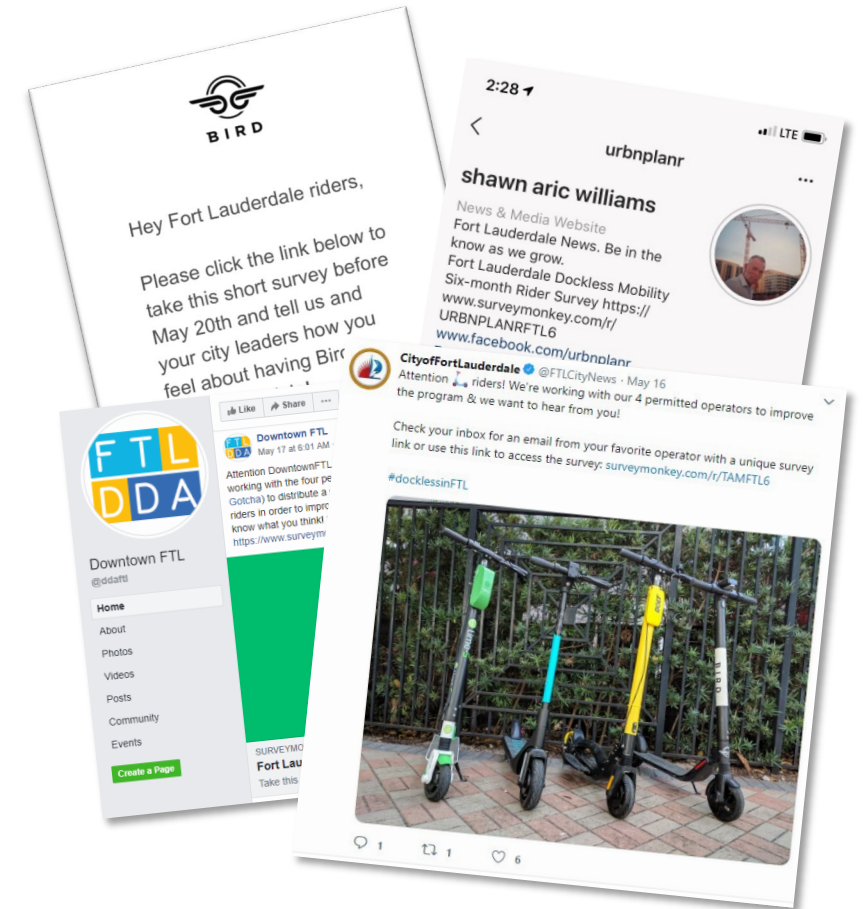


Note: Crash data collected by FLFD and only reflects EMS calls

Experience So Far ▶

Rider Survey

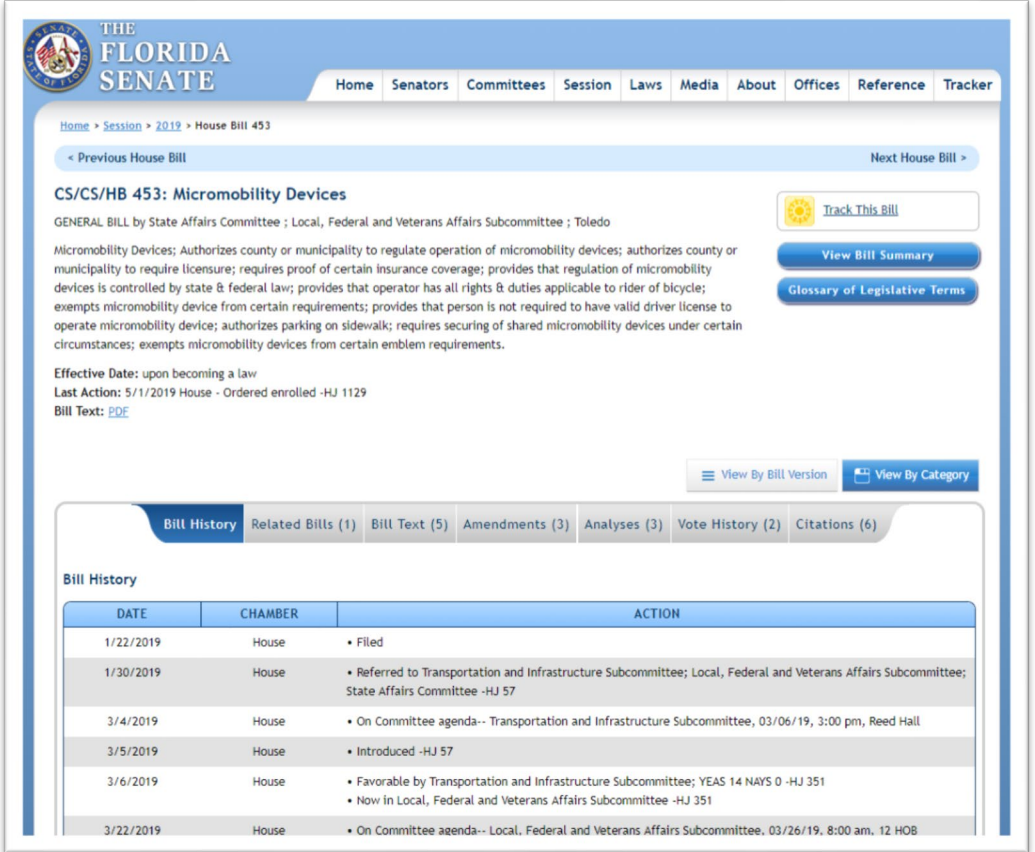
- Required by ordinance and permit
- Sent 5/13/19, open for one week
- For Riders
 - Demographics
 - Where do you ride?
 - Where would you prefer to ride?
 - What other modes do you use or replace?
- 750+ responses



Proposed Legislative Changes

CS/CS/HB 453: Micromobility Devices

- Non-Preemptive Bill - Sent to Governor on June 13th
 - General guiding rules, can govern operation on streets, highways, and sidewalks per Section 316.008, Florida Statutes
- Major Changes:
 - Scooters include 20 MPH cap per Florida Statutes. All rights and duties of a bicyclist
 - No driver license required
 - Did not include age 18+ restriction
 - Maintains local control of sidewalk riding



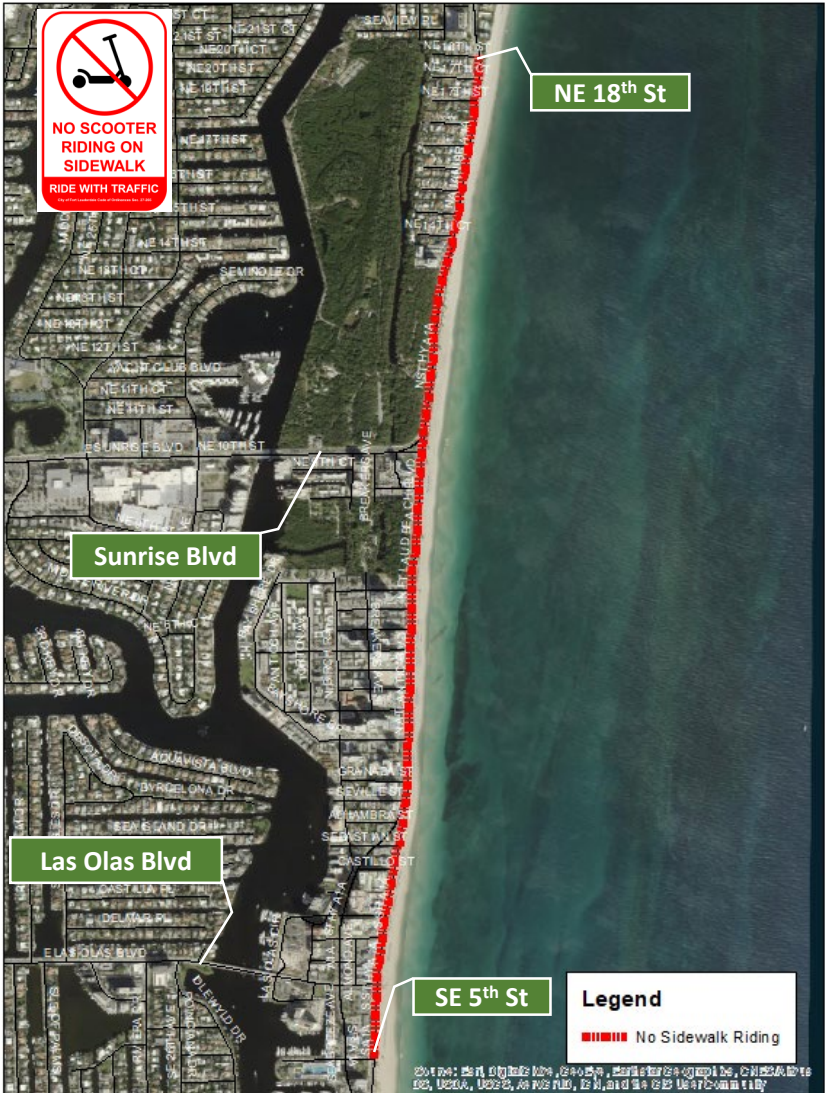
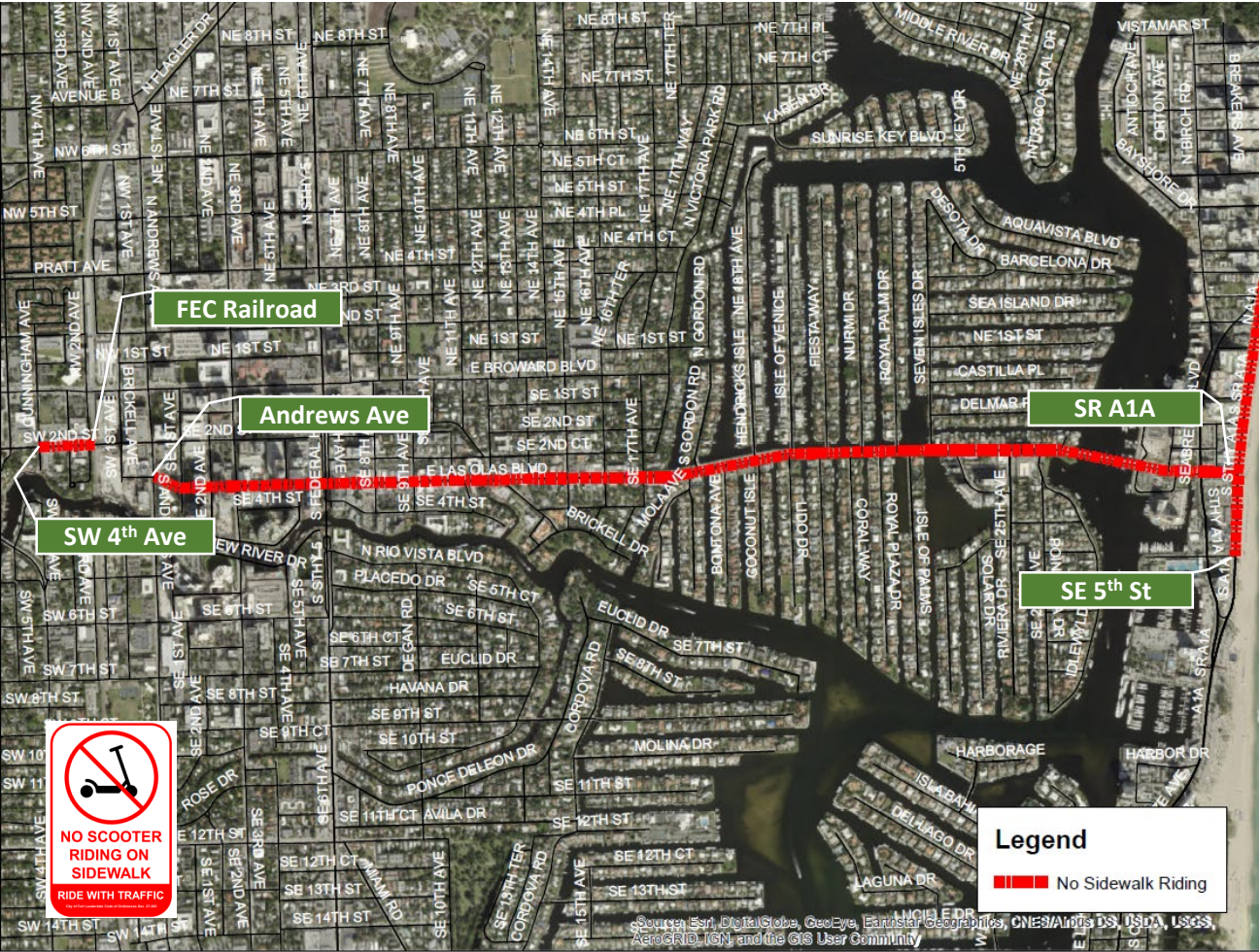
The screenshot shows the Florida Senate website for House Bill 453. The page includes a navigation bar with links to Home, Senators, Committees, Session, Laws, Media, About, Offices, Reference, and Tracker. The main content area displays the bill title, a summary, and a detailed description. A 'Track This Bill' button is visible. Below the summary, there are links for 'View Bill Summary' and 'Glossary of Legislative Terms'. The 'Effective Date' is listed as 'upon becoming a law', and the 'Last Action' is '5/1/2019 House - Ordered enrolled -HJ 1129'. A 'Bill Text' link is also present. At the bottom, there is a 'Bill History' section with a table showing the bill's progress through the House.

DATE	CHAMBER	ACTION
1/22/2019	House	• Filed
1/30/2019	House	• Referred to Transportation and Infrastructure Subcommittee; Local, Federal and Veterans Affairs Subcommittee; State Affairs Committee -HJ 57
3/4/2019	House	• On Committee agenda-- Transportation and Infrastructure Subcommittee, 03/06/19, 3:00 pm, Reed Hall
3/5/2019	House	• Introduced -HJ 57
3/6/2019	House	• Favorable by Transportation and Infrastructure Subcommittee; YEAS 14 NAYS 0 -HJ 351 • Now in Local, Federal and Veterans Affairs Subcommittee -HJ 351
3/22/2019	House	• On Committee agenda-- Local, Federal and Veterans Affairs Subcommittee, 03/26/19, 8:00 am, 12 HOB

Proposed Legislative Changes



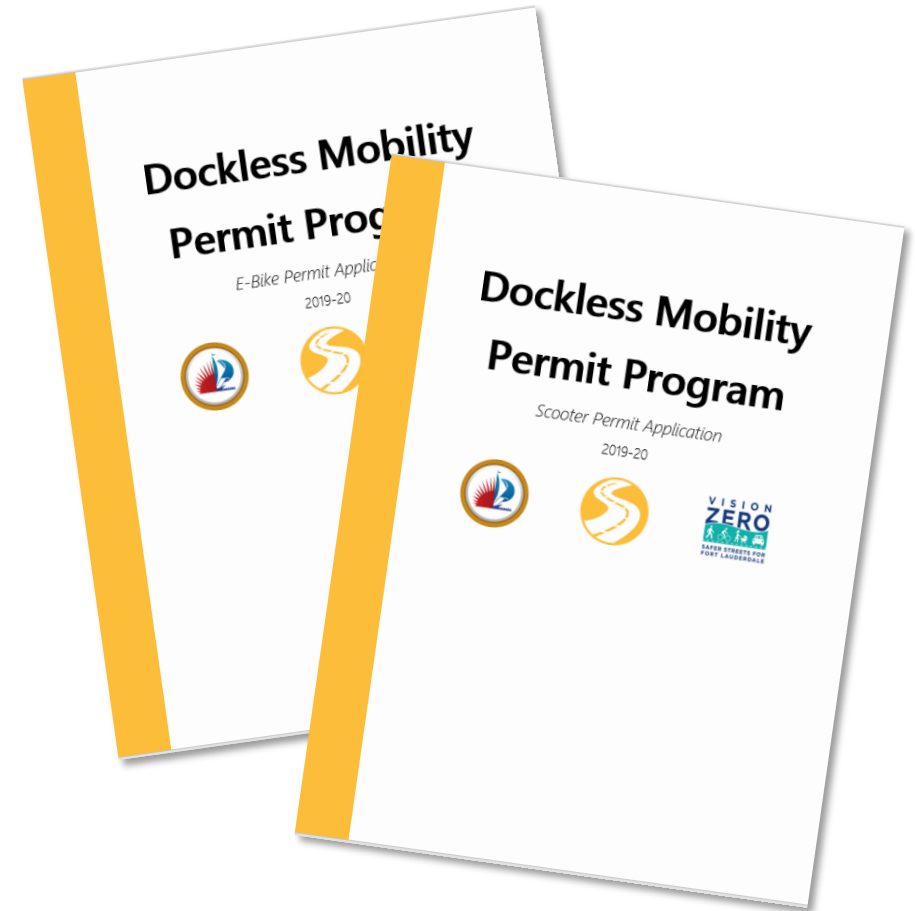
City Sidewalk Riding Approach



Ordinance Refresh ↻

Recommendations for Permit 2.0

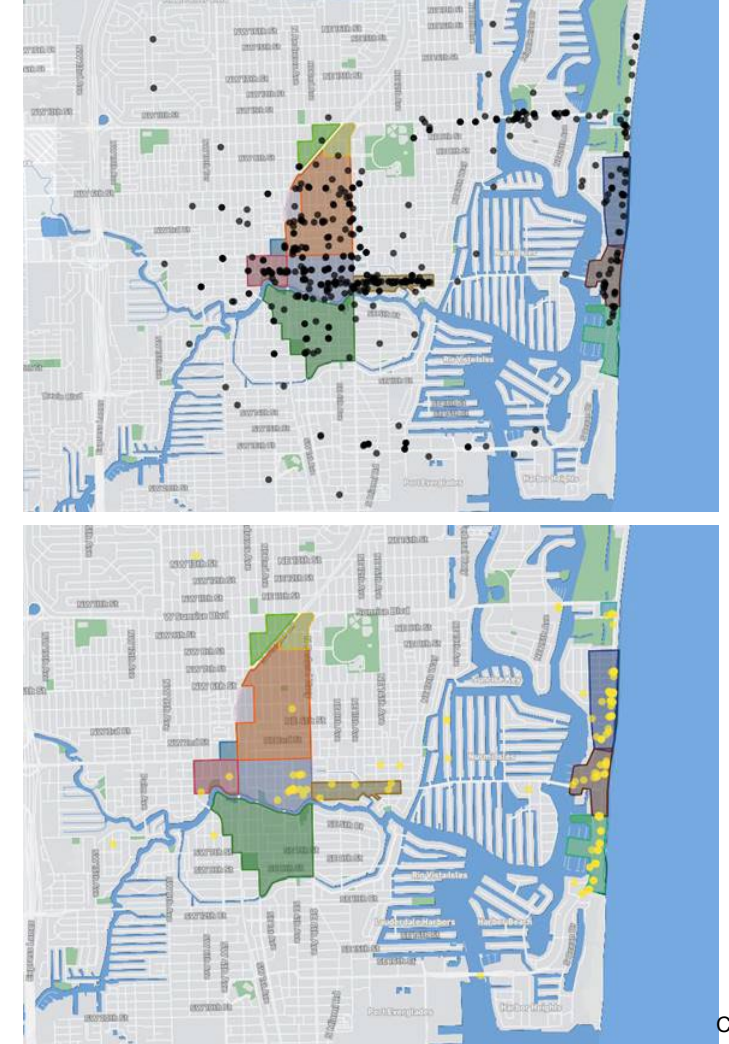
- Permit Types
 - Exclusive Scooter Permits
 - Exclusive e-Bike Permits
- Permit Award
 - Competitive process
 - Aimed to provide the best, newest devices and technology and most capable, engaged operators



Ordinance Refresh ↻

Recommendations for Permit 2.0

- Sidewalk Riding
- Service Area Targets
- Geofencing
 - Shall/not be parked
 - Shall/not be balanced/rebalanced
 - Specialized speed limits
 - Other uses as determined by the City
- Fleet Size Change Improvements
 - Clarified increase increment
 - Establish specific criteria to warrant increase



Ordinance Refresh ↻

Recommendations for Permit 2.0

- Parking and Impoundment
 - No parking on sidewalks under 5'
 - 30 minutes to relocate, 24 hours a day, 365 days per year
 - Immediate impoundment in "No Parking" areas
- Specialized, temporary regulations for high-impact events
 - Speed limits
 - Corrals
 - No Ride Zones
 - Area fleet caps



Ordinance Refresh

Recommendations for Permit 2.0

- Cost Recovery Model Fee Structure
- High Utilization Fee
 - Additional fees to park in high-use areas
- Social Equity Improvements
 - Additional fleet at reduced fee
 - Targeted areas based on income and non-vehicular modal choice
 - Data-driven compliance

2019-20 Dockless Mobility Cost Recovery Fee Worksheet	
City Expenditure Description	
<i>Program Administration</i>	
	Covers primary planning and administrative staff support related to administration of the Dockless Mobility Permit Program. Tasks include compliance, education, outreach, and program evaluation.
<i>Enforcement</i>	
	Covers the cost of enforcement of parking regulations including staffing, storage, and equipment costs.
<i>Data Analysis</i>	
	Analysis of data provided as required by the permit to cover software, technology, and staff costs.
<i>Improvement Program</i>	
	Funds targeted to improve the experience and safety for users, including parking corrals, repair of potholes and sidewalks, and wayfinding. The primary use of these funds will be determined through a public involvement process.
<i>Public Education and Outreach Program</i>	
	Materials intended to design, purchase, and install educational and outreach materials addressing topics such as safety, parking, where to ride, how to ride, etc.

Dockless Mobility Update

Questions & Feedback

Contact: 954-828-4TAM (4826) or
docklessmobility@fortlauderdale.gov

