

# Dockless Vehicle Committee

February 12, 2020



## Dockless Vehicle Evaluation

### Milestones:

- August 1 - Permit Period began
- Quarterly Changes: November 1, February 1, May 1
- Permit Year 2 timeline:
  - May - Release Revised Rules and Regulations for 30 days of Public Comment
  - June - Release final R&R, fees, and permit application
  - July – Announce year 2 permit holders
  - August 1 – Year 2 permit begins

### DVC monthly Tasks:

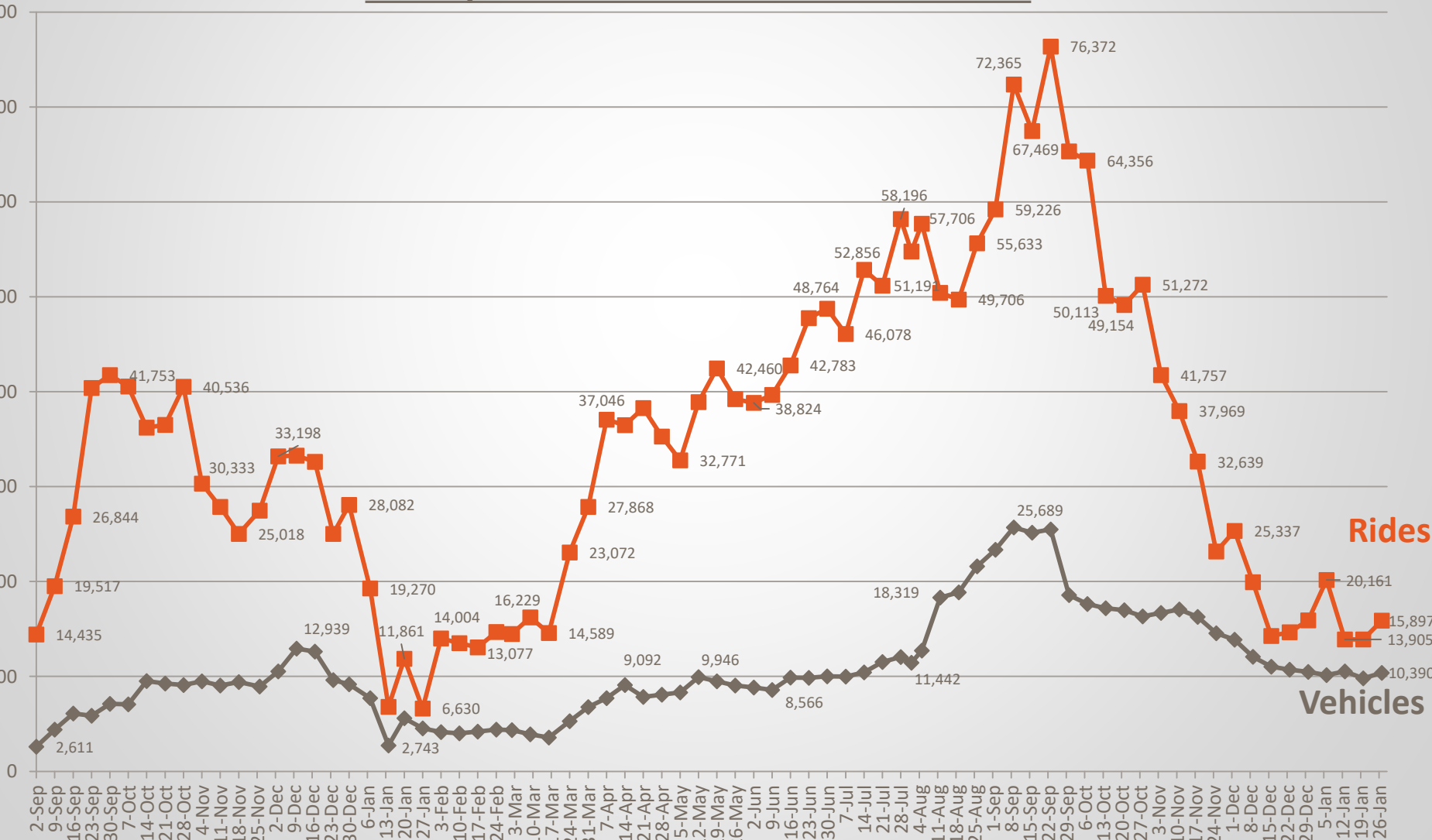
- Assist with ongoing monitoring
- Nominate safety messages
- Highlight community events

### DVC as-needed tasks:

- Safety campaign
- Maintenance items
- Corral evaluation

# Data

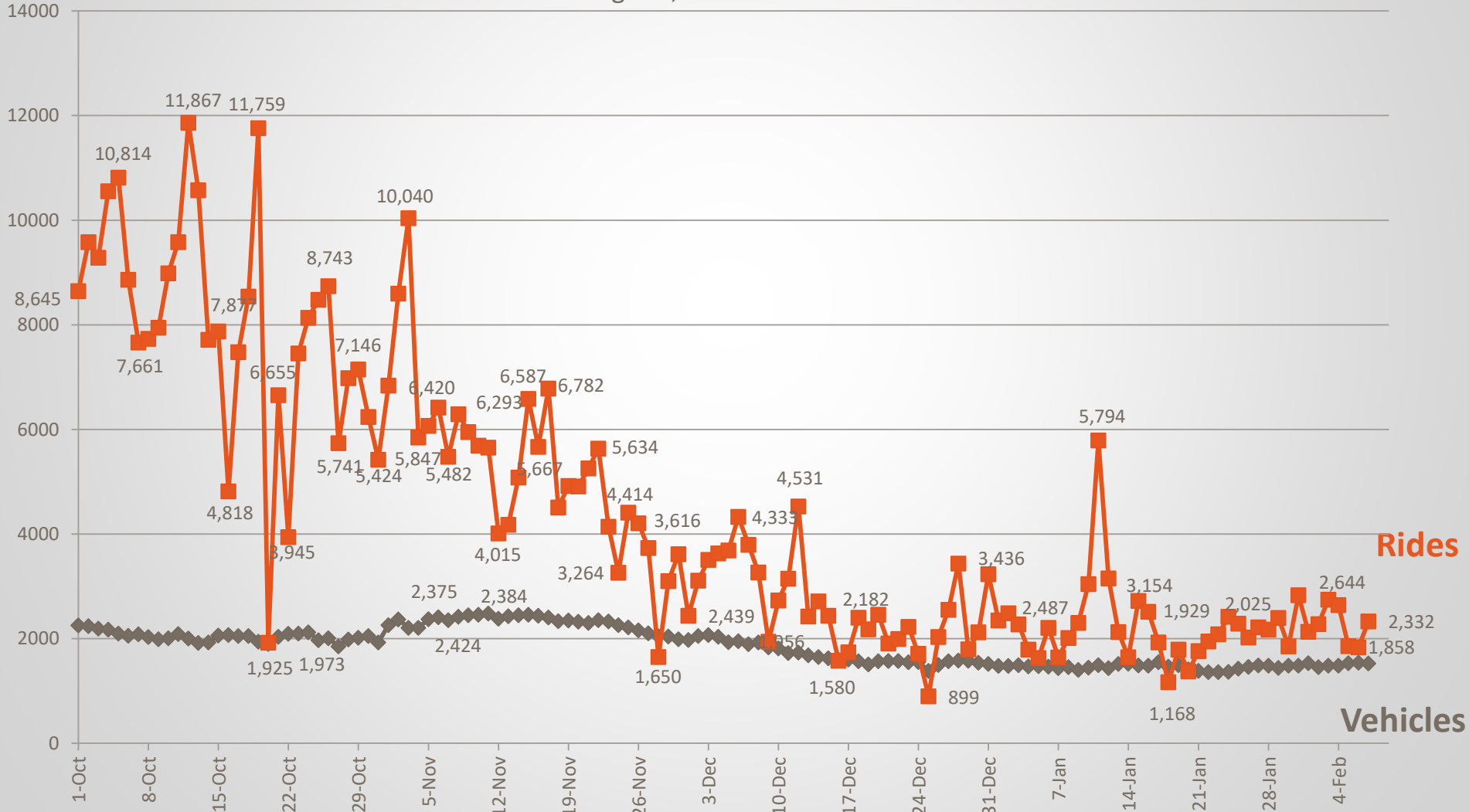
## Weekly Dockless Rides & Vehicles Released



# Data

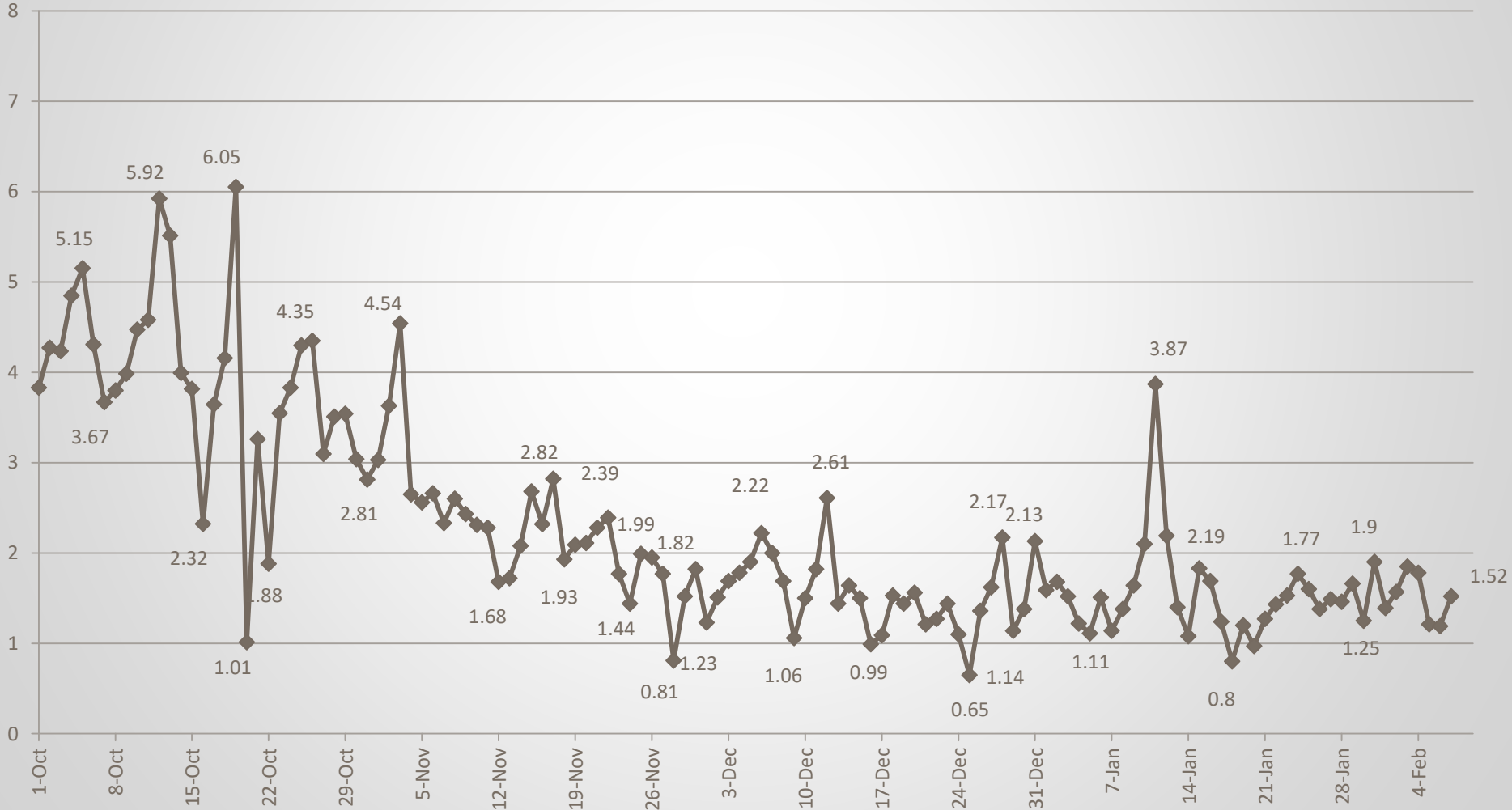
## Daily Dockless Vehicles Deployed and Rides

Permit Program, October 1 2019- Present



# Data

## Rides Per Vehicle Per Day October 1-present



## Updates

### **Safety Messaging:**

*For March, there will be no in-app safety messaging. Companies will display a link to the DOT user survey.*

### *Public Service Announcement in Development:*

- In partnership with the Office of Civil Rights and the Mayor's Commission on Disabilities
- Will be produced by Charm City TV
- Focus on awareness and being courteous to other roadway users

### **Educational Cards:**

*They have arrived! If any other organization would like cards to distribute, please email me.*

### **2020 Safety Events**

*Email me if organizations want a scooter safety presentation at upcoming events.*

## Updates

### User Survey

- Planning a survey of users only this year, DELAYING until February 28-March 22
- Please spread the word once the survey is open!

### Baltimore Dockless Vehicle Program - 2020 User Survey

Thank you for helping us to evaluate the Baltimore City Dockless Vehicle Program. Your answers and information will all be kept confidential. Total responses of from all participants may be shared in an evaluation report and be used to help shape services in the future. If you want to know more about the dockless vehicle program, please visit our website:

<https://transportation.baltimorecity.gov/bike-baltimore/dockless-vehicles>

The survey has 6 sections and takes about 10 minutes to complete. Please be sure to answer all questions about your Dockless Vehicle (scooters and bicycles) use in Baltimore City, not in other cities or towns.

## Updates

### Corrals

- Tentatively planning install for March

### Facility Maintenance

- Audit kick-off scheduled for Friday

#### Immediate Safety Items

- Locations of pot holes
- Locations of broken or missing flex Locations of non-bike friendly grates
- Location of obstructions such as vegetation or puddling
- Locations where an allowable turn on red crosses a bike facility.

#### Long Term Maintenance

- Description of pavement and striping quality
- Street intersections with no green skips or other conflict paint
- Description of specific hazardous intersections  
*(if time and budget on contract allows)*



## Action Items

### Upcoming Evaluations:

- Annual Evaluation Report – Early May
  - Safety Update
  - Ridership
  - Analysis of User Survey results
  - Analysis of Rules & Regulations requirements. Today's discussion:
    - **Vehicles**
    - **Fleet Size**
    - **Parking and Operations**
  - Recommendations for 2020 Permit

## Action Items

### Rules and Regulation Revisions:

	Summary of Requirements	Intent	How is it functioning?	Data Point	Revisions
Vehicles	Models must be approved by DOT and meet national safety standards.	DOT can check specs for new models and track for any inquiries or recalls	good	we received specs from companies about all new models.	<ul style="list-style-type: none"> <li>Delete iv a iii- no need for only quarterly approval. 2 weeks before deployment is fine.</li> </ul>
	Vehicle inspections	ensure vehicles are in working order	good	Monthly inspections have led to improvements and finding consistent issues. Companies have fixed all persistent issues to date.	n/a
	Companies must be able to remotely shut down vehicles with issues	Vehicles with issues cannot be ridden - safety	good	Companies have shut down vehicles reported by WFPB. On vehicle inspections vehicles with clear issues are not available for rent.	n/a
	Companies must submit vehicle maintenance plans	DOT can keep plans on file, demonstrates to the public that we take vehicle maintenance very seriously.	good	Maintenance plans were submitted on application	n/a

## Action Items

### Rules and Regulation Revisions: Vehicle Discussion Questions

	Summary of Requirements	Intent	How is it functioning?	Data Point	Revisions
<b>Vehicles</b>	Vehicles must have: <ul style="list-style-type: none"> <li>• Kickstand</li> <li>• Lights</li> <li>• Decal</li> <li>• Speed governor</li> </ul>	Standard components for safety, reporting, and operations which are not required by safety certifications.	okay	Vehicle Inspections show compliance, but specificity and citizen requests for more features.	<ul style="list-style-type: none"> <li>• Unique identifier number needs to be bigger</li> <li>• Light specifications need revision</li> <li>• Bell requirement</li> <li>• 10" tire diameter</li> <li>• No false information (accurate speedometer, no "I will call the police")</li> </ul>

- How can vehicles be safer?
  - 10" tire diameter
  - Bell requirement
  - Light specifications
  - Other ideas?
- How can vehicles be more accessible?
  - Larger text for unique identifiers
  - Braille
  - Other ideas?
- Reducing false information
  - Accurate speedometer
  - No "I will call the police"
  - Other ideas?

#### City of Santa Monica Requirements:

- Safety information clearly posted on each device legible from a distance of 3 feet
- Display customer service contact information legible from a distance of 3 feet
- Display a clearly visibly unique device identification number from a distance of 10 feet

#### City of Austin:

All Dockless Mobility Units must have always-on front and back lights that are visible from a distance of at least 500 feet under normal atmospheric conditions at night. Front and rear lights must stay on at least 90 seconds after the unit has stopped.

## Action Items

### Rules and Regulation Revisions:

	Summary of Requirements	Intent	How is it functioning?	Data Point	Revisions
Fleet Size	Minimum 150 and maximum 1000 fleet size	Allow enough vehicles for companies to profit and for consumers to find vehicles, Maintain 3 rides per vehicle per day	good?	Utilization spreadsheet	<ul style="list-style-type: none"> <li>• Need to amend to allow companies to retain their fleet increases from this year.</li> </ul>
	Must be operational in 2 weeks if active, 5 weeks if new	meet minimums quickly	okay	Bolt was new and could not activate in 5 weeks	<ul style="list-style-type: none"> <li>• change the wording to say after notification of the award (last year we notified only a few days before the official start of the permit)</li> <li>• give 3 weeks and 6 weeks.</li> </ul>
	Providers may apply to expand fleets based on ridership quotas, compliance, etc.	allow good actors to expand	good?	Fleet increase now in effect for Spin, Jump is contingently approved for May. TBD how the transition performs.	<ul style="list-style-type: none"> <li>• revise iv C with the fleet increase criteria. Question-- do we want to keep the max increase at 250 per quarter? Maybe can increase until the total fleet cap is xx?</li> </ul>

## Action Items

### Rules and Regulation Revisions: Fleet Discussion Questions

	Summary of Requirements	Intent	How is it functioning?	Data Point	Revisions
Fleet Size	Companies with 2 vehicle types get 2000 vehicle limit, 150 minimum for each	attract companies to deploy bikes	need more incentive	bike deployment numbers	<ul style="list-style-type: none"> <li>hold 2 permits for companies with bikes?</li> <li>reduced fee for companies with bikes?</li> </ul>
	Adaptive vehicle do not count against max	attract adaptive vehicles	need more incentive	no adaptive vehicles deployed	<ul style="list-style-type: none"> <li>would like to incentivize more. how?</li> </ul>

- How do we incentivize bikes and adaptive vehicles?
  - Reserve permits?
  - Reduced permit costs?
  - Other financial incentives?
  - Other ideas?

#### City of Santa Monica:

*It is desired that the Pilot Program include two e-bike and two e-scooter service options. If one operator is selected to provide both e-scooters and e-bikes, **the City may decide to select fewer than four companies so long as a minimum of two e-bike and two e-scooter service options are provided.***

## Action Items

### Rules and Regulation Revisions:

	Summary of Requirements	Intent	How is it functioning?	Data Point	Revisions
<b>Parking &amp; Operations</b>	Companies must respond to movement requests within 3 hours of DOT notification and 6 hours of public notification	Make companies responsive to DOT and public	well for DOT, not yet clear for public	% successful response times	<ul style="list-style-type: none"> <li>None at this time.</li> </ul>
	Companies must move vehicles not ridden for 5 consecutive days	Make sure vehicles are being checked for safety regularly	varies by provider, standards aren't clear	# of vehicles sent to providers each month	<ul style="list-style-type: none"> <li>Need to clarify process for identifying those vehicles</li> </ul>
	Companies must obtain special permission for deployment outside of the public right of way	Prevent conflicts between other agencies/property holders and scooter companies	good	no complaints	<ul style="list-style-type: none"> <li>n/a</li> </ul>
	Geo-fencing requirements	Limit speed in areas with many pedestrians – Harbor Promenade and Stadiums	good	Vehicle inspections	<ul style="list-style-type: none"> <li>Require smooth speed transitions when leaving a geo-fence if possible</li> </ul>

## Action Items

### Rules and Regulation Revisions: Parking & Operations Discussion Questions

	Summary of Requirements	Intent	How is it functioning?	Data Point	Revisions
Parking & Operations	Companies must display parking instructions and laws	Inform users	okay	Laws are in each app	<ul style="list-style-type: none"> <li>clarify how easily accessible they are in the app.</li> </ul>
	Companies must display corrals within 10 days of notification	Inform users	n/a	No corrals yet	<ul style="list-style-type: none"> <li>Clarify that equity zones do not need to be displayed until they have a corral</li> <li>Should we require an incentive to park in a corral if one is nearby</li> </ul>

- How do we improve user compliance with riding and parking rules?
  - Visibility of laws in app?
  - Require companies to submit parking photos for DOT review?

City of Austin:

*Licensee shall employ an electronic method to **test the vehicle user no less than one out every 5 rentals, on proper usage, ADA accessibility and vehicle parking prior to allowing the usage of a dockless vehicle.***

## Action Items

### NACTO Better Bike Share Roundtable:

- May in Baltimore!
  - Brainstorm- Community Event/Tour

### Next Meeting Dates:

- March 11
- April 8
- May 13

