



Dockless Bikes and Scooters *2020 program*



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Shared Micromobility Planner
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- 
- Overview
 - 2020 Applications & Scoring
 - 2019 to 2020 Terms & Conditions
 - Planning for 2020

Q3 2019

4.5 million trips



Dockless Vehicle Program Milestones



September 2017

Bikes Launch



January 2019

New Permit
*Bikes and scooters
separate*

July 2018
Scooters Launch

January 2020

New Permit
Increased fleet sizes, reduced
number of operators
*Bikes and scooters
separate*

Timeline for 2020 Permit

August 2019

Drafted first rounds of edits for 2020 changes

Met with Operators to discuss 2019 terms

September 2019

Finalized draft

Released Terms and Conditions (T&C) for Comment

October 2019

Comment period closed

November 2019

Responded to comments & finalized T&C

Released, closed, & scored applications

PROGRAM CHANGES

2019 TO 2020



Topic: Fleet & Operators

Goal:

To allow operators to work with expectations around fleet size with enough room to flex on high demand days and to have a program large enough to create Transportation Network benefits.

2019

- 10 Operators per category
- 600 vehicles with quarterly fleet increases

2020

- 4 operators
- 2,500 vehicles/operator
- Semi-annual fleet increase based on overall market and complaints

Goal:

To refine our data approach and to transition to using data for enforcement through MDS.

2019

- Monthly Reports
- Public API and Private API

2020

- MDS
- Public API in GBFS
- Will still require some reports for continuity of data
- Map data for unmet needs

Topic: Safety

Goal:

To inform DDOT of specific safety issues and to be able to flag incidents for senior leadership.

2019

- Monthly accident report

2020

- Monthly accident report
- Included addendum from summer 2019 which requires reporting within 24 hours

Topic: Vehicle for PMD

Goal:

To restrict vehicles based on concerns regarding shared fleet vehicles in public space.

2019

- NA

2020

- All vehicle models be inspected and approved by DDOT prior to deployment and DDOT reserves the right to deny vehicles as part of a shared dockless fleet, included but not limited to vehicles weighing over 50 pounds (A.8).

Topic: Distribution of Vehicles by Wards

Goal:

To increase vehicle availability for more rides outside of the CBD and Ward 2.

2019

- 6x6am

2020

- 20 between 5-6am
- Required deployment in equity zones between 5-7am, 25% by 6.

Goal:

To avoid the oversaturation of vehicles in the CBD and reduce pedestrian conflicts.

2019

- No CBD restrictions

2020

- A maximum of 1,000 vehicles per permit will be allowed in the Central Business District at any point

Goal:

To have clear expectations and timeline around what types of requests DDOT will make to operators.

2019

- No definition

2020

- DDOT refined the elements of a geofence

Goal: To ensure that third party apps are offering appropriate information to riders and that operators are managing the relationship between their customers and aggregator applications.

2019

- NA

2020

- DDOT requires a stand-alone application for only permit holders and requires aggregators to have/delegate insurance coverage from the operator.

Goal:

To understand what practices operators have in place around battery safety.

2019

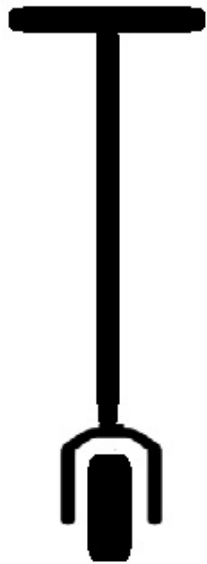
- NA

2020

- DDOT asks for operation safe global battery management practices and reporting within 24 hours of incidents.

19 Applications

4 applications did not meet the vehicle definitions



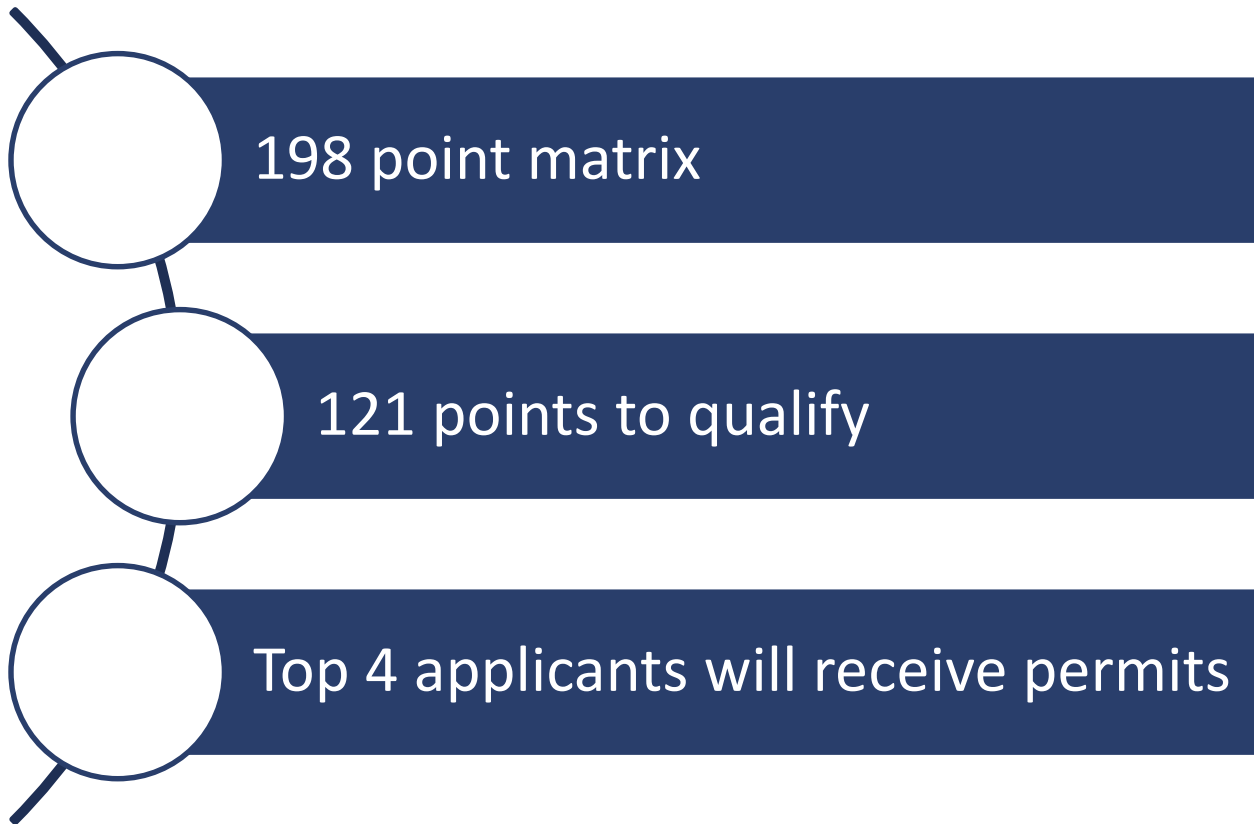
13 to operate PMDs

1 to operate pedal bicycles



5 to operate motorized bicycles





8 Overarching Goals:

- 1. Sound Equipment Design:** Allow only vehicles that are designed to be safely stored and function in public space.
- 2. Innovation:** Successfully manage public space while encouraging permit holders to offer innovative solutions to problems, exceptional equipment, and smart education practices.
- 3. Safety:** Support user safety through education, vehicle monitoring, and vehicle maintenance.
- 4. Accountability:** Minimize adverse impact on residents and ensure transparency about operators' strengths and weaknesses.

8 Overarching Goals:

- 5. Equitable Access:** Promote equity among vehicle users including geography and income
- 6. Sustainability:** Strengthen sustainability initiatives.
- 7. Labor:** Ensure that operators offer meaningful employment and enough labor to be accountable and safe, and provide equitable access.
- 8. Data:** Ensure the provision of data sufficient to monitor the performance of individual operators and the program as a whole, and to plan for program improvements

PLANS FOR 2020



Operations

- Parking
- Sidewalk riding in the CBD
- Double Riding
- MDS enforcement





- Building the corral program for increased parking infrastructure
- Complaint management System (311 integration)
- End user enforcement
- Geofences for Institutional landholders



Research!

- Clean data set
- Modal shift study which includes a deeper look at Capital Bikeshare

d.

District Department of Transportation

Thank You!

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