



Shared Mobility Devices Demonstration Project

Update to MWCOG

Jim Larsen, Bureau Chief, Commuter Services

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Updates

- Shared Mobility Devices Demonstration Project runs from 10/18 - 6/19
- 7 operators approved, 6 operating →
- Through March
 - 238,805 trips
 - 245,492 miles
 - 1.03 miles is average trip distance



BIRD



SPIN

BOLT[™]

|skip|

Not Deployed Yet:

JUMP
—

Most Common Complaints

- sidewalk-riding
- improper parking of devices that obstructed pedestrians or vehicles
- perceived unsafe or erratic rider behavior
- riders appearing to be under 18 (the operators' minimum age for riding)

- As of May 2018, received 833 emails containing
 - 1,372 complaints
 - 131 compliments

Reported Crashes

28 reported crashes thru 4/9/19, composed of:

- 13 -- single-vehicle crashes
 - (i.e. where a rider falls or crashes their device without colliding with another object)
- 6 -- SMD-moving vehicle crashes
 - (i.e. where a rider is involved in a crash with a moving vehicle)
- 4 -- SMD-pedestrian crashes
 - (i.e. where a rider crashes into a pedestrian)
- 2 -- SMD-non-moving vehicle crashes
 - (i.e. where a rider crashes into a non-moving or parked vehicle)
- 2 -- unknown
- 1 -- cyclist hitting a scooter

Reported Crashes

- 4 riders were reported to have been transported to the hospital due to injury
- 0 reported fatalities
- Data collected from operators, the Police Dept., and local media

- Issues involve:
 - not relocating vehicle within 2 hours of report
 - exceeding fleet cap
 - modifying service area without permission
 - deploying within a bus stop zone or in main pathway of a sidewalk
 - not limiting their top speed of 10 mph for e-scooters
 - reporting monthly data late

Scooter Corrals

- 7 corrals at/near Metro stations
 - More planned
 - Cheap to install
 - Usage not high
 - Needs more marketing
 - May need incentives



- Commuter Services Bureau requests to the County Board at June meeting:
 - an extension of the Demonstration to year end (7/19 – 12/19) in order to:
 - have months of warm-weather data when ridership will be more robust than the colder months at the start of the Demonstration
 - allow sufficient time for analysis
 - amendment of the Memorandum of Agreement (contract with the operators) for the 6-month extension
 - additional time will allow the County to determine which ordinances need to be changed if the pilot is made permanent

- Extent of parking impacts that are detrimental to pedestrian, bike, or vehicle safety and circulation
- Number and types of breaches, by vendor, and resolution
- Sufficiency of communications provided by operators to their customers and the wider community
- Acceptability of fleet size
- Sufficiency of distribution of services across community
- Usage patterns

- Comparison of crash rates to other transport modes
- Trip-making characteristics of ridership, including mode replacement
- High-use areas and routes within the County
- General community response over the course of the demonstration

Summary: Analysis will inform staff's recommendation to the County Board on whether to make the Demonstration permanent, and if so, modifications to the permit.

- Major changes:
 - **County must have ordinance in place for SMD operators by Dec. 31, 2019, or it can't regulate SMD operators.**
 - “Motorized scooter” added to state code
 - Sidewalk riding is allowed, unless prohibited by ordinance
 - Top speed of 20 mph is allowed, unless prohibited by ordinance
 - County has 10 mph in MOA and 20 mph for e-bikes

- Online feedback form (May-June)
- Sept/Oct: outreach occurs to various commissions and citizens groups and committees

Any questions or comments?

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