



Shared Mobility Devices Pilot Program

Presentation to the County Board

Jim Larsen, Bureau Chief, Arlington County Commuter Services
Department of Environmental Services

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- 9-month pilot program:
 - Structured after successful bikeshare and carshare programs
 - Incorporated ideas from the public and localities in the region
 - Initial fleet size per mode per company
 - Top speeds of 10 mph for scooters, 15 mph for e-bikes (currently 15 and 20)
 - Quick correction of mis-parked devices by operators
 - Data-sharing
 - Permit fee to fund staff and consultant time
 - Surety bond should companies go bankrupt and leave SMDs behind

Committee & Commission Input

Meeting Name	Meeting Date	Meeting Time
Bicycle Advisory Committee	8/6/18	7:30pm
Pedestrian Advisory Committee	8/8/18	7pm
Operators Meeting	8/10/18	10:30am
Transportation Commission	9/5/18	7:30pm
Economic Development Commission	9/11/18	7:45am
Pedestrian Advisory Committee	9/12/18	7pm
Neighborhood Complete Streets Commission	9/17/18	7:30pm
Commission on Aging	9/18/18	1pm
Disability Advisory Commission	9/18/18	7:15pm
County Board Meeting	9/25/18	6:45pm
Parks and Recreation Commission	9/25/18	7pm
Transit Advisory Committee	11/13/18	7pm

Fleet Size

- Initial cap of 200 devices per mode per company.
(modes: pedal bikes, e-bikes, scooters)
- Increase of additional 50 devices per month, up to 150, if 6+ trips/device/month and compliance with MOA requirements.
- Conservative “go slow” growth to not overwhelm during pilot.
- Could have up to 10 applications with 2,000 devices total, increasing up to 3,500 devices.

Where to Ride

County or State Code allows for the following riding by mode and location:

	Street	Sidewalk	Trail
Pedal Bike	Allowed	Allowed	Allowed
E-bike	Allowed	Allowed	Prohibited
E-scooter	Allowed	Prohibited	Prohibited

Parking

- Staff is considering creating on-street corrals at Metro stations to encourage orderly parking and on-street riding
- Quick and inexpensive to build
- Limit impact on existing bike parking with corrals



Sample corral from Austin, TX

Parking (cont.)



Sample corral from
Santa Monica, CA

Sample corral
from Belgium



- Require operators move an improperly parked device:
 - <1 hr between 8am–9pm,
 - <2 hrs between 6-8am, 9-11pm.
- Some operators allow customers to report bad parking behavior which could result in being removed from service.

- Lowered top speeds (10 mph for scooters, 15 for e-bikes)
- Scooters must meet same safety requirements as bikes for lighting, bell
- 90-second standing light for bikes, scooters
- Safety language on device is required
- Operator to inform customers not to ride scooters on sidewalks, scooters and e-bikes on trails
- 16 y.o. minimum age

- After pilot, evaluate program to determine its utility and effects:
 - Impacts to pedestrians, cyclists, and motorists
 - Fleet size cap
 - Compliance from operators
 - Operators' sufficient communication with riders
 - Number of riders and trips
 - Public satisfaction with program

- County Board Authorization

Any questions or comments?

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