CITY OF MINNEAPOLIS

Shared Motorized Foot Scooter Pilot

Transportation and Public Works Committee

Minneapolis
City of Lakes

Topics

- Definition

- State Regulation

- Current Status

- Low Power Vehicle Ordinance

- Proposed Pilot

Photo: Bird/Instagram

Photo: Josh Johnson

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Definition

Per MN Statute 169.011:

- Has handlebars

- Can be stood or sat on by operator

- Is powered by internal combustion engine or electric motor

- Has only 2 wheels no more than 12 inches in diameter

- Maximum speed of 15 miles per hour

Photo: Modern Power Solutions
https://modernpowersolutions.com.au/online-store/xiaomi-electric-scooter/

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State Operational Regulation
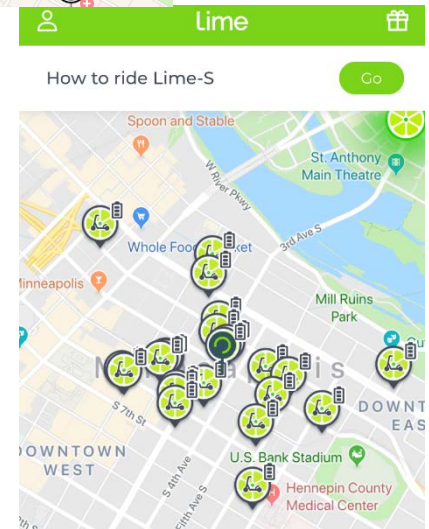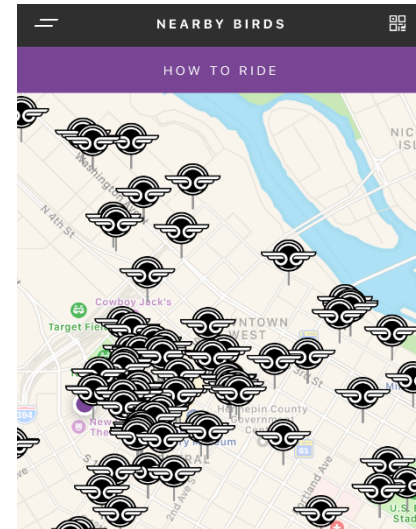
Per MN Statute 169.225:

- May not operate on sidewalk, except to cross it

- May not be operated with a passenger

- No helmet required to ride unless under the age of 18

- May operate on bicycle path, lane, trail or bikeway unless:
  - Reserved for exclusive use of nonmotorized traffic, or
  - Local authority or governing body prohibits operation by law

Photo: David Paul Morris/Bloomberg via Getty Images
http://fortune.com/2018/05/22/scooter-startup-war-limebike-bird-jump-bikes/

Current Status in Minneapolis

- Low power vehicle ordinance
  - Introduced June 29th
  - Transportation & Public Works Committee approved July 10th
  - Approved by Council July 20th

- Bird launched 100 scooters on July 10th

- Lime launched 100 scooters on July 23rd

Low Power Vehicle Ordinance

Per Title 18, Chapter 492

- Refers to state statute to define motorized foot scooters (169.011)

- Refers to state statute to regulate operations of motorized foot scooters (169.225)

- Defines low power vehicle sharing operations, specifically motorized foot scooters

- Requires a license agreement to operate shared motorized foot scooter system

- Includes provisions for enforcement of personal and shared motorized foot scooters when parked and/or not in use

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Proposed Shared Motorized Foot Scooter Pilot

- 4 month term (August – November)

- Operators must submit application to be considered
  - Questions include experience, pricing, service area, maintenance, hiring, education and outreach, data and privacy
  - Public Works Director selects one or more applicants to enter into a license agreement
  - Agreement can be suspended or revoked at any time without cause

- Max number of 200 scooters in first two months, increasing to 400 in final two months
  - May be increased or reduced by Public Works Director at any time based on # of complaints, equitable distribution, etc.
  - If multiple operators, max will be split among them
  - $20 fee per scooter, may include optional $1/scooter/day

Proposed Shared Motorized Foot Scooter Pilot

- Requires scooters be parked upright, using a kickstand

- Must be parked in the furnishing zone of the sidewalk, not impeding pedestrian path of travel or access
  - Operators are responsible for ongoing user education regarding proper operational and parking procedure
  - All parking violations or complaints shall be referred to operator
  - Provides Public Works Director the ability to require geofencing to restrict access if necessary

- Grants the City authority to impound scooters and establishes impoundment fee
  - Operator will be held responsible for any and all costs incurred by the City associated with enforcement and or impoundment

Proposed Shared Motorized Foot Scooter Pilot

Anonymized data sharing requirements to:

- Evaluate shared motorized foot scooter's impact
  - Right-of-way impact
    - Accessibility/pedestrian interaction
    - User operational and parking behavior
    - Infrastructure implications
  - Equitable Access
    - Service area
    - Pricing and operational barriers
  - Mode choice
    - Viable alternative or novelty

- Inform long term path forward
  - Determine how to re-introduce in 2019

Photo: Josh Johnson

Questions

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