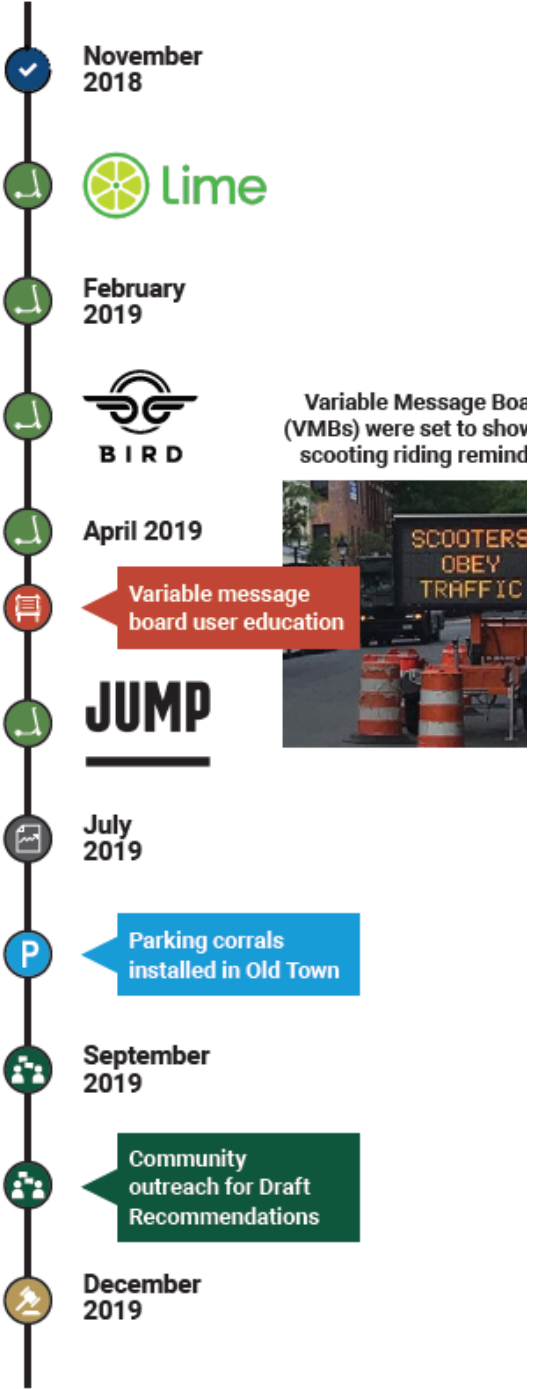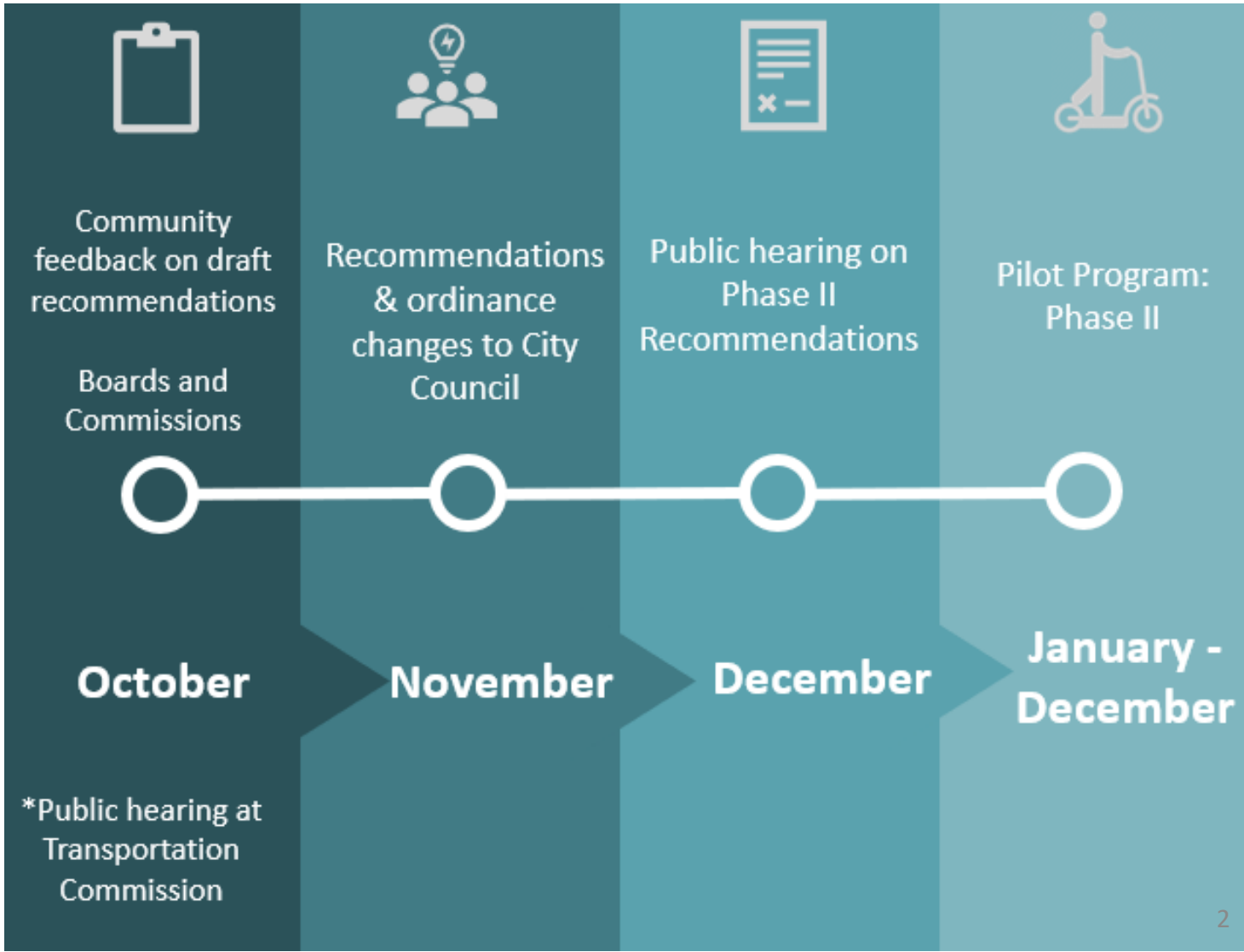# City of Alexandria Dockless Mobility Pilot Program

MWCOG Dockless Micromobility Workshop

Vicki Caudullo & Katye North

December 9, 2019

Timeline

City Council approves Pilot Program — November 2018

Lime — January 2019

BOLT / lyft — February 2019

BIRD — March 2019

Variable Message Boards (VMBs) were set to show scooting riding reminders

skip / SPIN — April 2019

Variable message board user education

SCOOTERS OBEY TRAFFIC

JUMP — June 2019

Pilot update to City Council, No-Park geofencing implemented — July 2019

Parking corrals installed in Old Town — August 2019

Public outreach events and community feedback — September 2019

Community outreach for Draft Recommendations — October 2019

Council consideration of pilot findings and recommendations — December 2019

October

Community feedback on draft recommendations

Boards and Commissions

*Public hearing at Transportation Commission

November

Recommendations & ordinance changes to City Council

December

Public hearing on Phase II Recommendations

January – December

Pilot Program: Phase II

Community Input on the Pilot Program
(August 2019)

- 2,914 responses (38% have ridden a scooter)

- Of scooter riders:
  - 47% would have used a vehicle if scooters were not available
  - 53% would prefer to ride in a bike lane
  - 60% agreed that scooters have increased access to public transportation

- Top changes (all respondents):
  - Enforcement of traffic rules for scooter riders
  - Banning parking and riding in certain areas
  - Providing more dedicated space for parking scooters off sidewalks

Community Input on Draft Recommendations

(October 2019)

- 829 responses
- 40% of all respondents have ridden a scooter and 60% have not
- Of those who support a Phase II Pilot, 35% have never ridden a scooter
- 80% of all respondents support the installation of more corrals
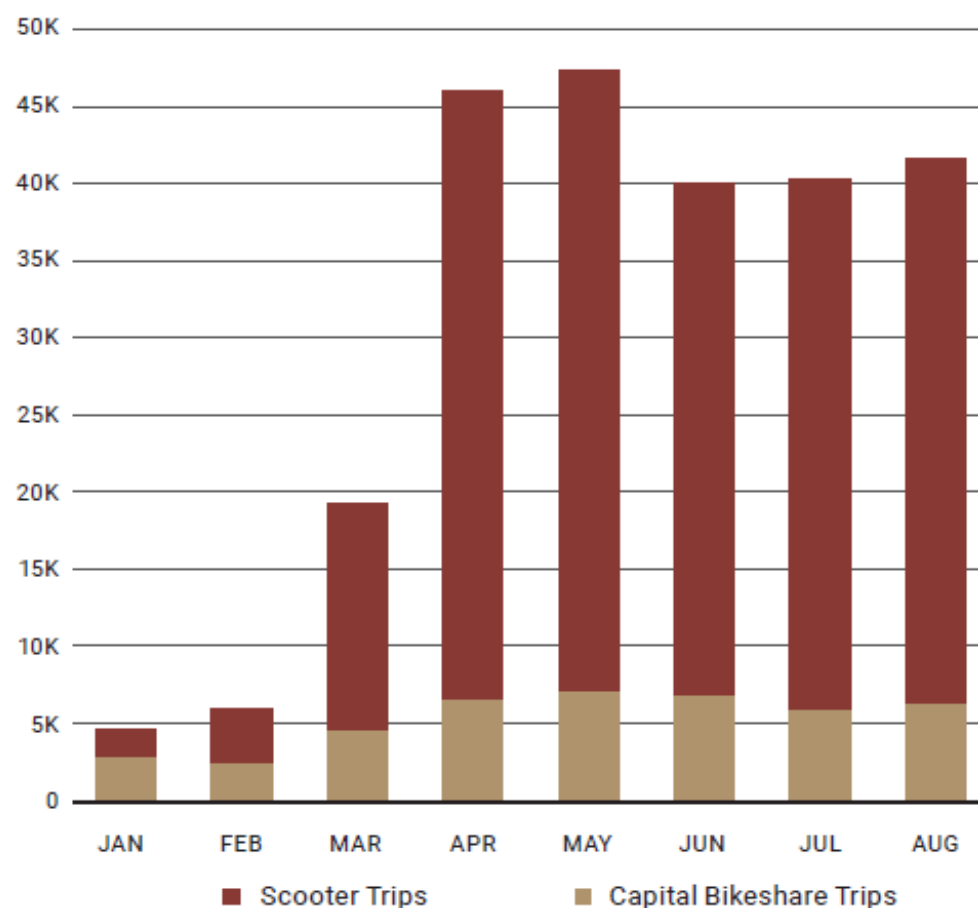- Enforcement priorities: traffic violations, unsafe sidewalk riding, improper parking

Do you support a Phase II Pilot Program for 2020?

Yes 51%

No 49%
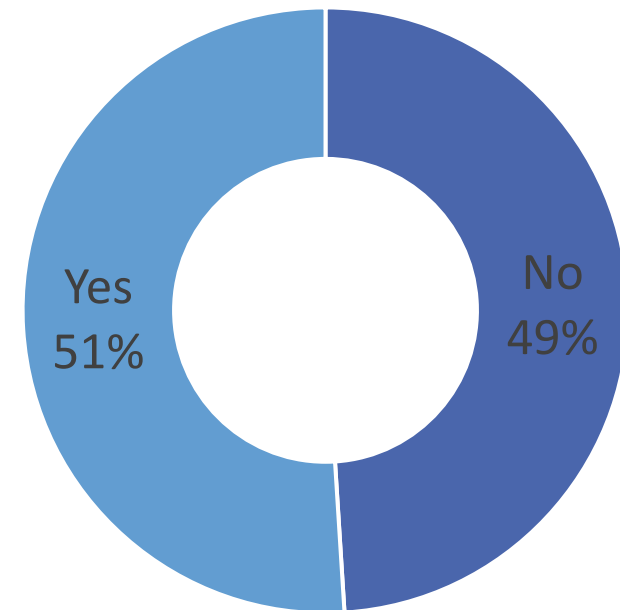
SCOOTERS HAVE INCREASED COMMUTING OPTIONS AND MOBILITY IN ALEXANDRIA.

Total Shared Mobility Trips

■ Scooter Trips   ■ Capital Bikeshare Trips

SUPPORTING DATA & COMMUNITY INPUT

More than **230,000 scooter trips** were reported from January through September 2019.

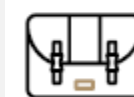Approximately **225,000 miles** were traveled via scooter during this period.

Average trip time is **10-15 minutes**, with an average trip distance of **just under 1 mile.**

Scooter companies report there are **approximately 15,000** active users in Alexandria.

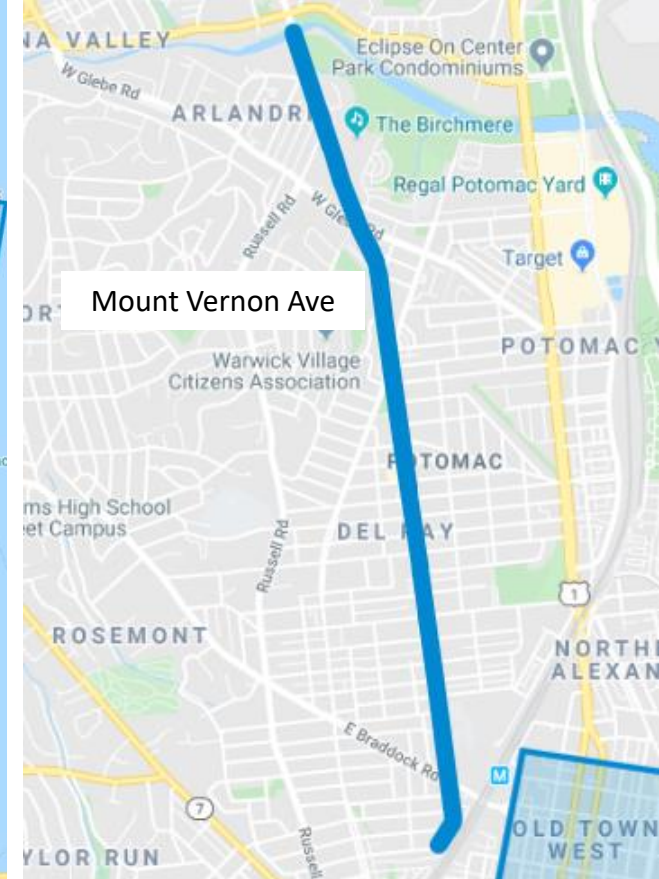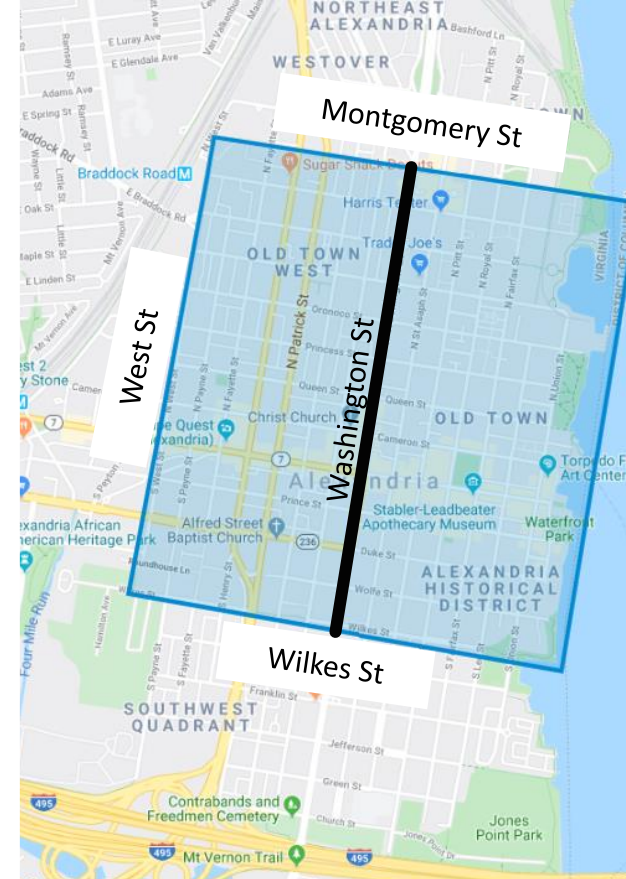Approximately **780 devices** were available on a typical day (approximately 1/2 of the total permitted).

Approximately ⅓ of weekday scooter trips were taken during **commuting hours.**

Approximately ⅔ of trips were taken on **weekdays**.

Montgomery St

West St

Washington St

Wilkes St

Mount Vernon Ave

KEY FINDING: SCOOTERS ARE A NEW FORM OF MOBILITY AND SAFE RIDING IS A CONCERN.

RECOMMENDATION:
- Banning sidewalk riding in Old Town & Mt. Vernon Ave.
- Speed limit: 15 mph
- Limiting one rider per device

Alexandria, VA
Scooter Corrals

Scooter Corrals
Corral Location

KEY FINDING: IMPROPER SCOOTER PARKING CAN DISRUPT THE PEDESTRIAN RIGHT OF WAY AND IMPEDE ADA ACCESS.

RECOMMENDATION:
- Requiring operators to stage in scooter corrals
- Installing additional parking corrals
- Developing a streamlined "reporting" process
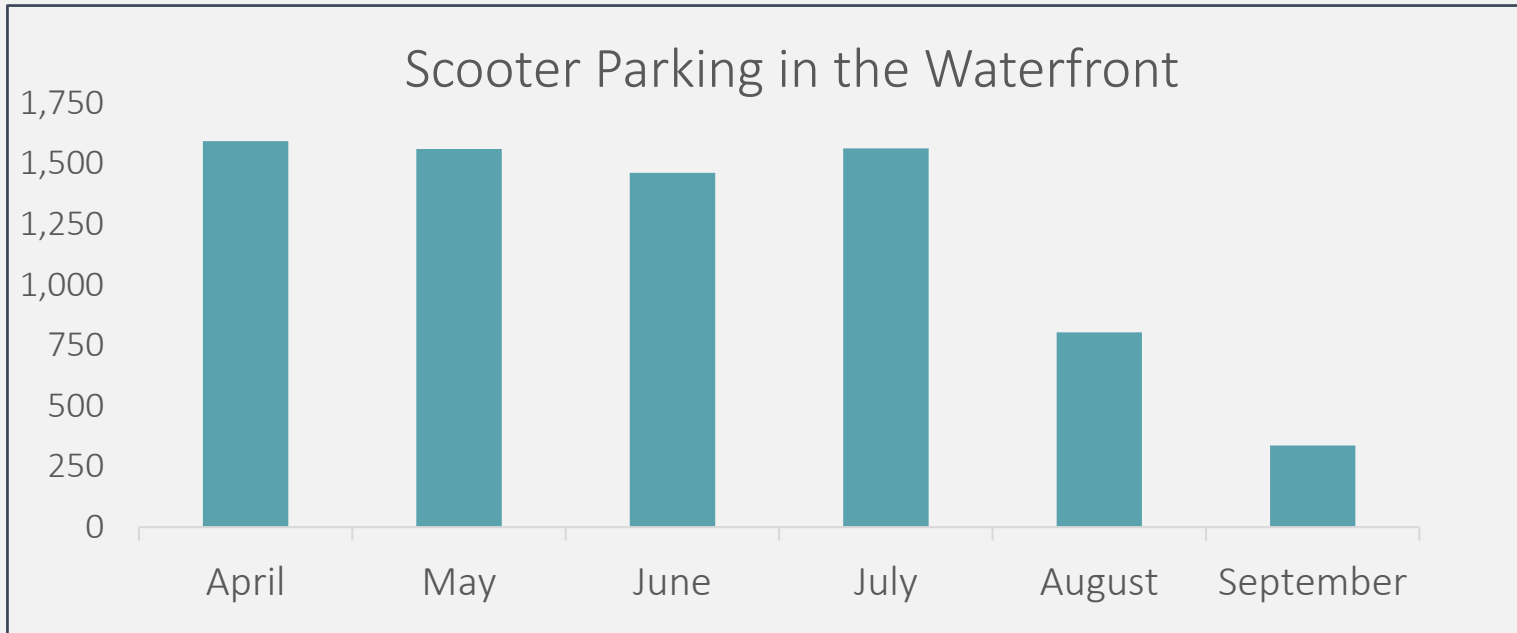- Additional "No-park" zones

Waterfront Adjustments

- Geofenced no-park zone
- 2 parking corrals on Union and Cameron

Have these changes helped?

Before: ~1,500 scooters parked per month

Now: <u>80% decrease</u> of scooter parking in Waterfront
         <u>50-65% decrease of scooter riding</u> through/by
         Founders Park, Waterfront Park, docks, and Torpedo
   Factory per day

Scooter Parking in the Waterfront

RECOMMENDATION:

- Require 15% of each operator's fleet be deployed west of Quaker Lane and east of I395, another 10% of vehicles deployed west of I-395, and 5% deployed in Arlandria

- Encourage all operators to participate in an income-based discount program and provide a method for ADA reporting of improper parking

Alexandria, VA
Scooter Trip Departures by Location
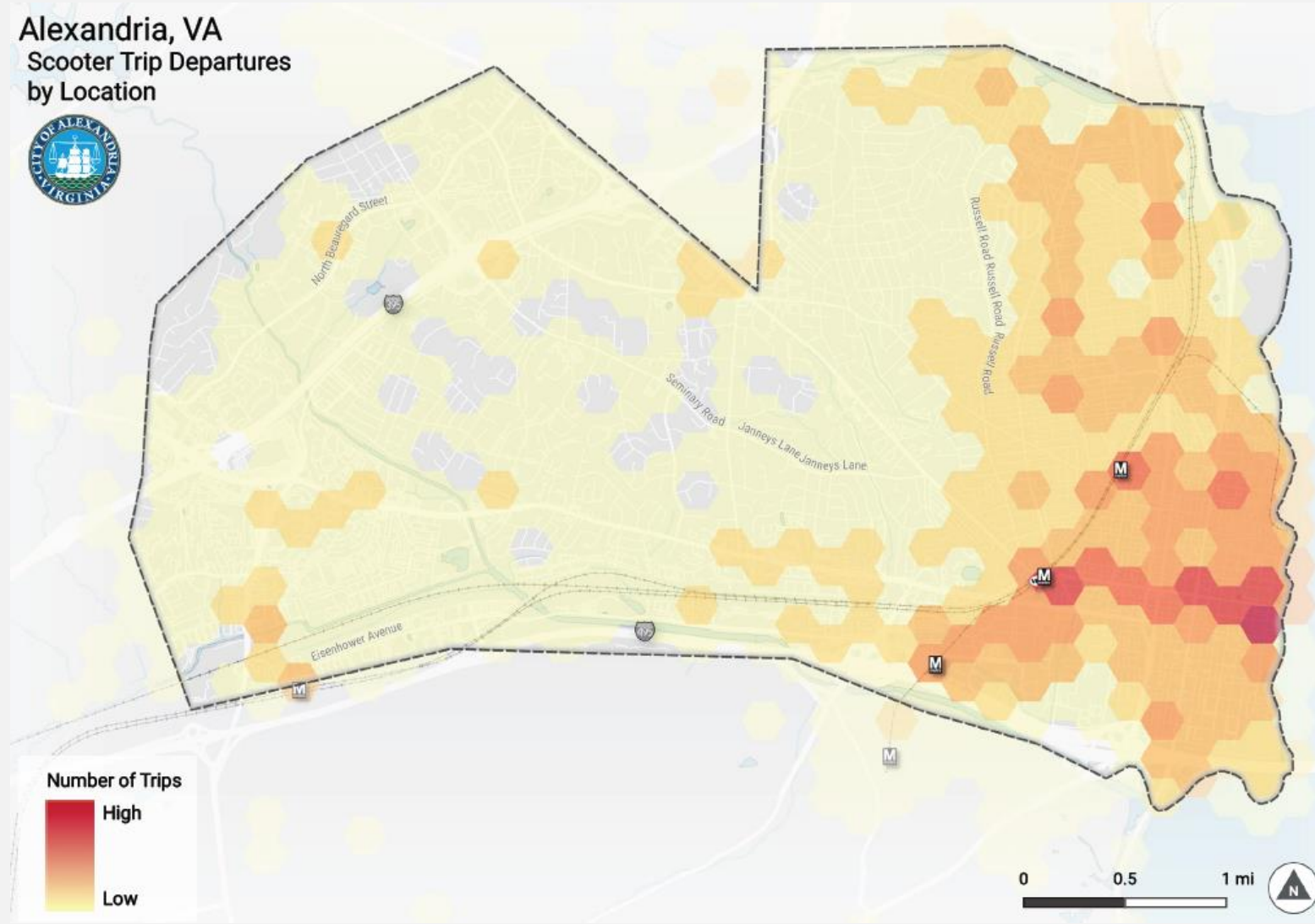
Number of Trips
High
Low

0   0.5   1 mi

2019 Scooter Financials	
Permit fees	$35,000
Permit extension (September through December, 2019)	$35,000
Management, evaluation, and operations	($65,000)
TOTAL	$5,000

RECOMMENDATION:

- Increase permit fees: Permit fee of $10,000 and per device fee of $75
- $150 impound fee
- Require specific data formats and reserve the City's right to require new formats as technology is developed

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Program changes to improve efficiency in Phase II

Pilot		Phase II
Compiling data from individual companies	➡	Require MDS data and working with a 3rd Party Data Aggregator.
Attending multiple focus groups	➡	Establish and meet with Ad Hoc Group throughout Phase II pilot.
Calls and tickets received through Call.Click. Connect staff	➡	Redirect directly to companies.

Rationale for a Phase 2 Pilot Program

- **VA State Code:** Scooter companies will be allowed to operate January 1, 2020 unless the City establishes specific regulations to manage them.

- **Neighboring Jurisdictions with Scooter Programs:**
  - Arlington
  - Washington, DC
  - Fairfax County
  - Montgomery County
  - Falls Church

Multimodal Transportation

City Strategic Plan

Alexandria FY2017 to FY2022

UPDATED NOVEMBER 2017

In 2022, Alexandria is regionally linked and easy to navigate regardless of resources or ability. City government supports a wide variety of safe, connected transportation options that enable access to daily activities. These options include bus, metro, bicycle, automobile, and walking. Public transportation has reliable and frequent service that is clearly communicated and understood.

Changes to Recommendations based on Nov. 26 feedback

- Transportation Equity – 30% of deployed devices in specific areas of the City
  - 15% west of Quaker and east of 395
  - 10% west of 395
  - 5% in Arlandria

- Environmental Impacts
  - Require information at time of the permit about charging methods, manufacturing origins, and disposal process.
  - Request information at the end of the pilot about the number of decommissioned devices and recycled/disposed batteries

- Updated definition of Micromobility device

Council Consideration

That City Council receive this report and provide staff feedback:

In December, Council would be requested to:

- Authorize a 12-month Phase II Dockless Mobility Pilot Program from January 1, 2020 to December 31, 2020, and authorize the City Manager to enter into Memorandum of Understanding with permitted dockless mobility operators to facilitate administration of the program consistent with the terms described herein;

- Consider approving the proposed ordinance on first reading and set it for second reading, public hearing and final approval on December 14, 2019; and

- Adopt the attached resolution to establish an Ad Hoc Scooter Task Force.

Questions & Feedback