

# Transportation Commission

February 15, 2023

7PM

City Council Workroom and Electronic



# Notice

The February 15, 2023, meeting of the Transportation Commission is being held in the City Council Workroom on the second floor of City Hall (301 King Street, Alexandria, Virginia, 22314) and electronically. Members of Transportation Commission and staff are participating either in-person or from a remote location through video conference call on Zoom. The meeting can be accessed by the public or via Zoom.



# Commission Members

- **Oleksandr Faryga** – Environmental Policy Commission
- **Oscar Gonzalez** – Resident East, High School Project
- **Casey Kane** – Traffic and Parking Board, Eisenhower West/Landmark/Van Dorn Advisory Group, Ad Hoc Duke Street Transitway Committee
- **Jody Manor**- Planning Commission
- **Bruce Marsh** –Resident East, Potomac Yard Metro Implementation Working Group
- **Jim Maslanka**– Resident West
- **Melissa McMahon** – Planning Commission
- **Matthew McManus** – Resident West, DASH Advisory Committee
- **Murat Omay** – DASH Board
- **John Chapman** – Council (non-voting)
- **Kirk McPike** – Council (non-voting)



# Public Comment Period

Agenda Item #1



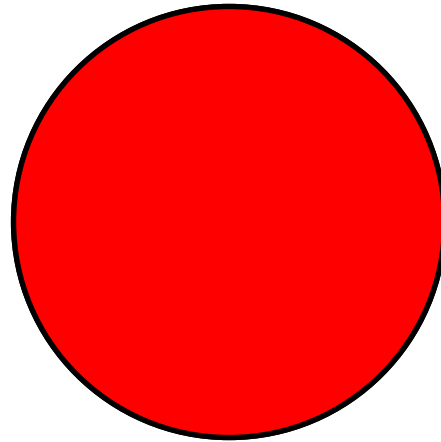
# Public Comment

- For speakers not discussing items related to the public hearings.
- For virtual attendees:
  - Raise hand or press \*9
  - Mute or unmute press \*6
  - 3 minutes per speaker



## 3 Minute Timer

*Announcement will sound automatically when time is up*



# Transportation Commission Minutes: January 18, 2023

Agenda Item #2



# Consideration of Submitting a Letter to WMATA on the FY24 Budget

Agenda Item #3





# Budget Summary

## Service and Fare Optimization



### Metrobus

- Launch the Better Bus network redesign
- Advance incremental changes to improve frequency and expand access



### Metrorail

- More frequent service
  - Trains every 3 to 6 minutes in the core
  - Trains every 8 to 12 minutes systemwide
- Enable efficient and predictable transfers and increase access to destinations



### Fares



- Simplify Metrorail fare structure
  - Eliminate peak / off-peak price difference
  - Align Metrorail and Metrobus base fare
- Launch a low-income fare discount program
- Encourage ridership, increase revenue, and advance equity



# Fare Simplification Proposal

Standardize peak and off-peak fares, align rail and bus base fares, and discount fares for low-income customers

## Current Fare Structure



	Base Fare	Max Fare	Reduced Fare <sup>1</sup>
 <b>Peak</b> After first 3 miles, 0.326 per mile After 6 miles, \$0.288 per mile	\$2.25	\$6.00	50% off the peak fare
<b>Off-Peak Weekday</b> After first 3 miles, 0.244 per mile After 6 miles, \$0.216 per mile	\$2.00	\$3.85	
<b>Late Night<sup>2</sup> and Weekend</b>	\$2.00	\$1.00	
 <b>Bus</b>	\$2.00	\$1.00	

**MetroAccess** fares are twice the fastest comparable fixed-route fare with a maximum of \$6.50 per trip.

<sup>1</sup> For senior and disabled customers

<sup>2</sup> Late Night fares apply after 9:30pm

## Proposed Fare Structure

	Base Fare	Max Fare	Reduced Fare <sup>1</sup>
 <b>Regular</b> After first 3 miles, \$0.40 per mile	\$2.00	\$6.50	\$1.00 to \$3.25
<b>Late Night<sup>2</sup> and Weekend</b>	\$2.00		\$1.00
 <b>Bus</b>	\$2.00		\$1.00

**MetroAccess** fares are twice the fastest comparable fixed-route fare with a maximum of \$6.50 per trip.

<sup>1</sup> 50% discount for senior, disabled, and low-income customers

<sup>2</sup> Late Night fares apply after 9:30pm



# 11Y

- Ridership on DC-3 shuttle: ~350 per day
- DC-3 Frequency: Every 20 minutes
- Former 11Y Ridership: ~400-500 per day
- Former 11Y Frequency: Ranges, but approx. every 24 minutes
- Proposal frequencies:
  - 24 minute
  - 30 minute



# DRAFT Letter Highlights

- Commend the inclusion of an 11Y service that best matches projected demand
- Open the Potomac Yard Metrorail Station for full revenue service
- Deliver budgeted rail and bus service levels to give riders a consistent and reliable alternative to driving
- Support the policy goals and concept of the proposed low-income fare program, with request for collaboration on implementation
- Concern over exhaustion of federal aid and projected FY 2025 operating gap



# Recommendation

That the Chair submit a letter to WMATA during the public comment period on the FY24 budget.



# Capital Bikeshare and Dockless Mobility Update

Agenda Item #4



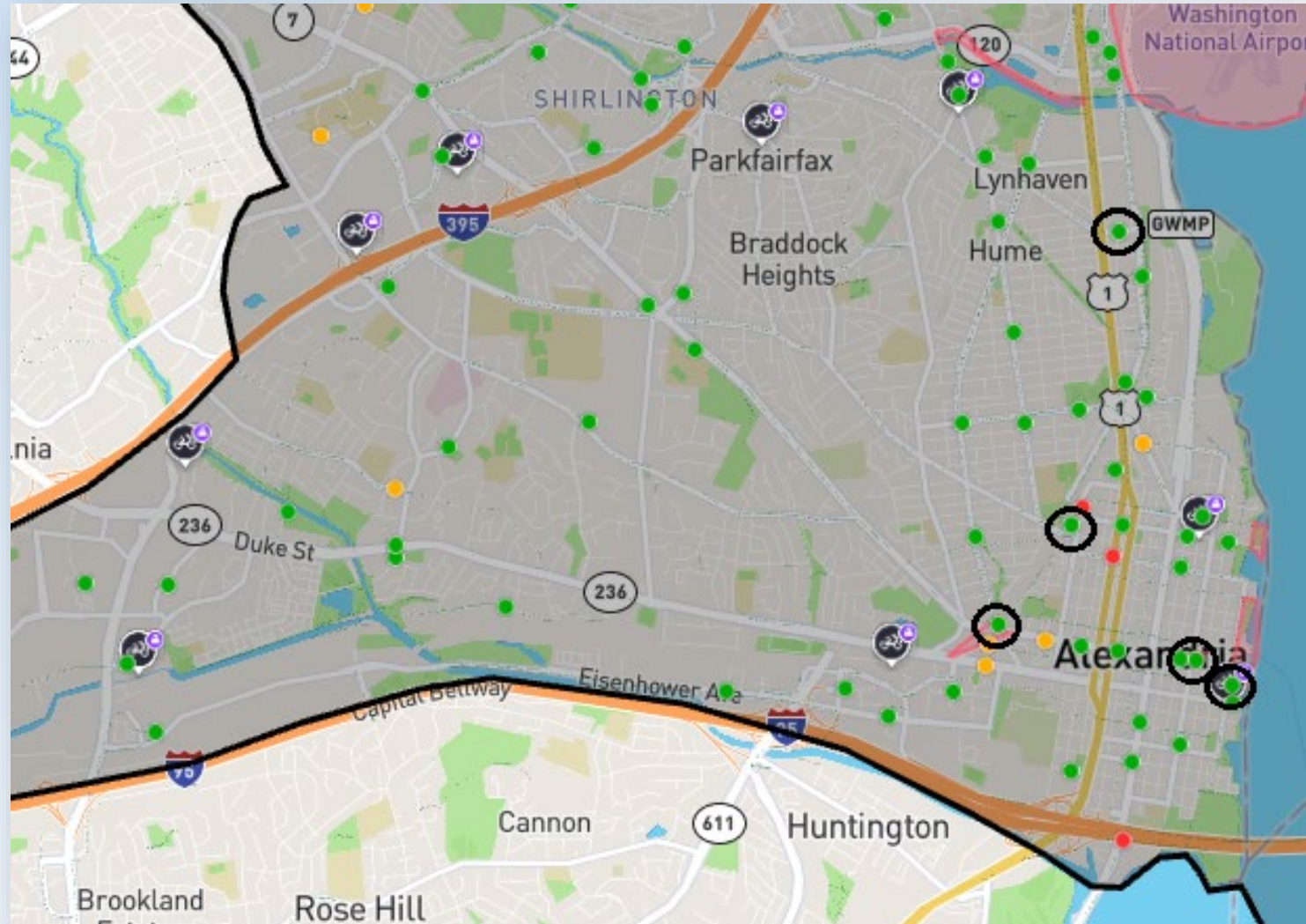
# Capital Bikeshare

- Last Commission update – January 2022
  - Provided an overview of the system and budget
  - Direction - focus on the **State of Good Repair** for the bikeshare system
    - Many of the stations reaching end of useful life.



# Capital Bikeshare

- 61 stations in the City
- Stations with the most trip origins and destinations
  - Main Line Blvd and E Glebe
  - Prince St and Union St
  - Braddock Rd Metro South
  - Market Square
  - King St Metro North





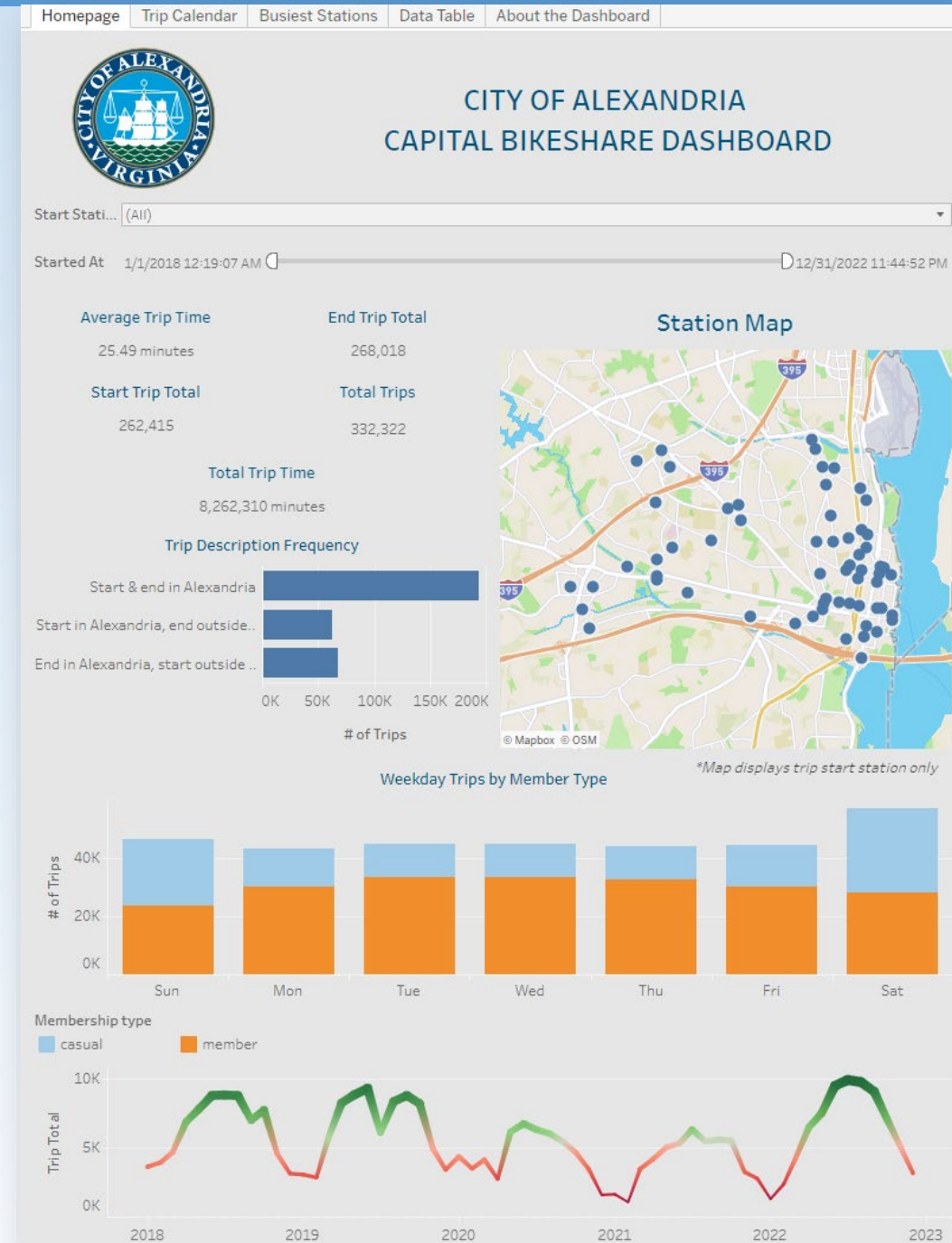
# 2022 Ridership

- 69,211 total trips
- On average
  - 5,735 trips per month
  - 189 trips per day
- In July
  - 9,029 total trips
  - 291 trips per day
- Only one crash all year

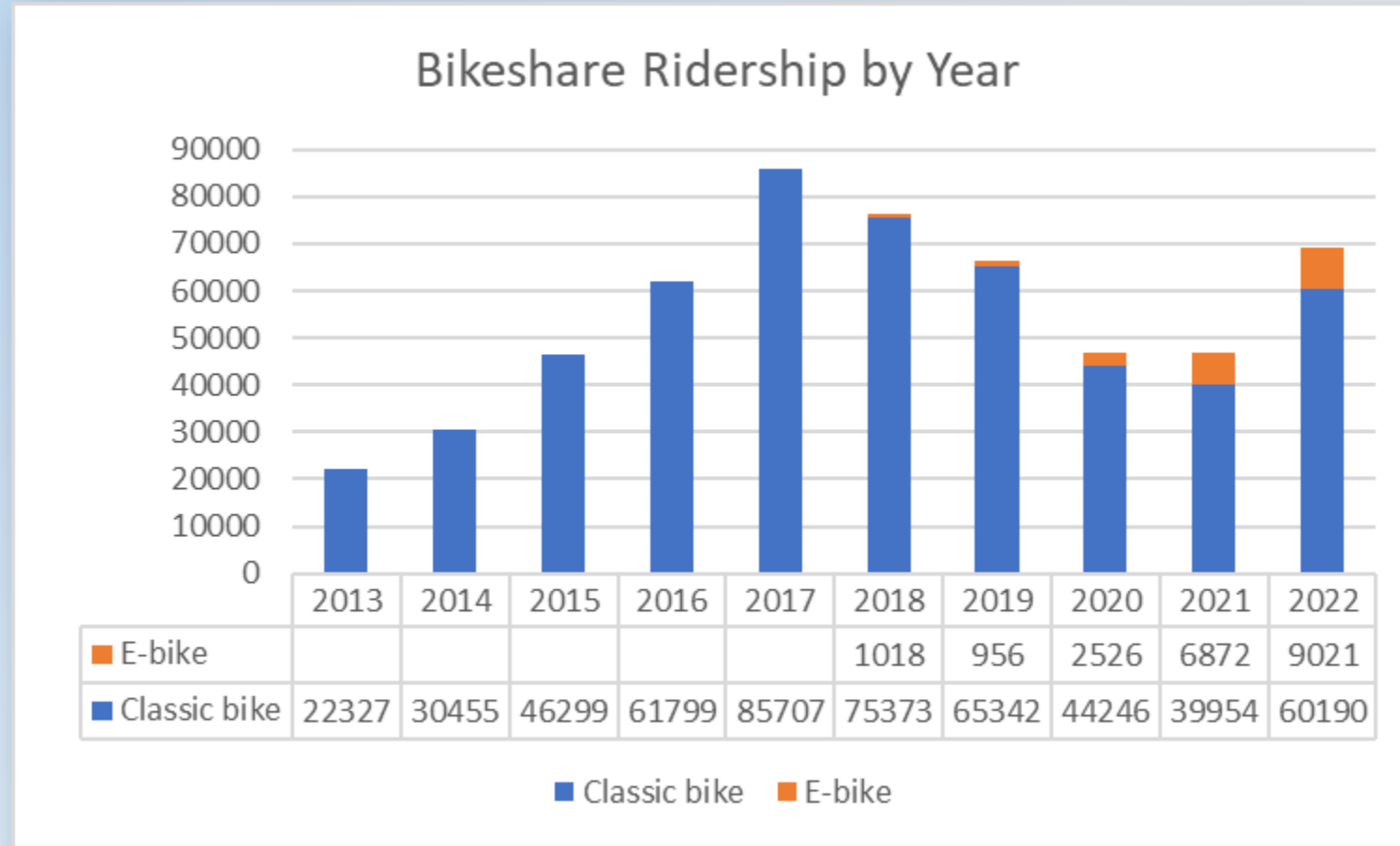


# Bikeshare Dashboard

- Available on City bikeshare webpage
- Recently updated to include busiest station data and cleaner graphics

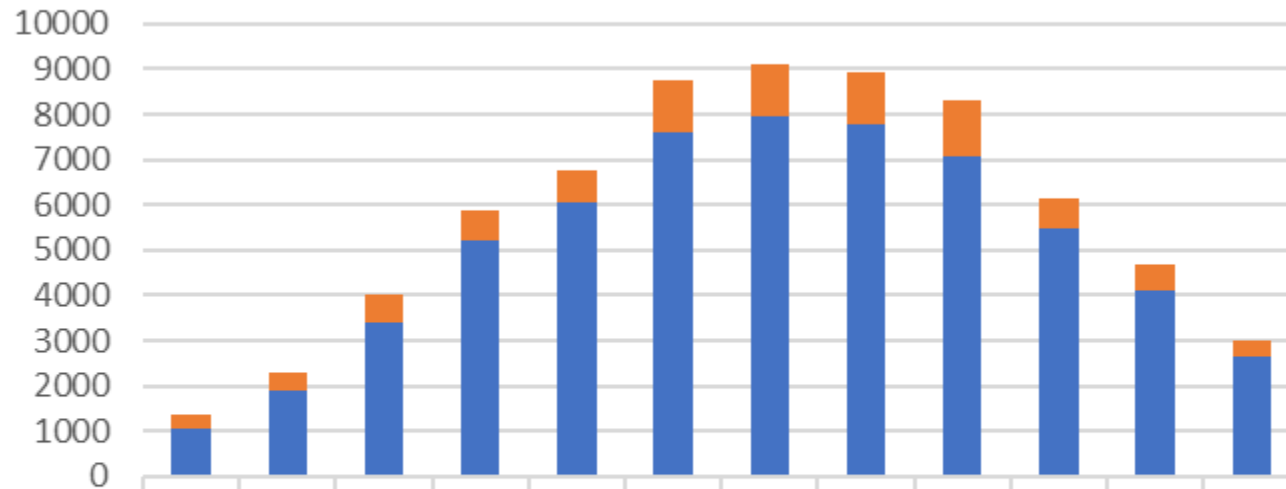


# Ridership Trends



# Ridership Trends

Bikeshare Ridership by Month, 2022



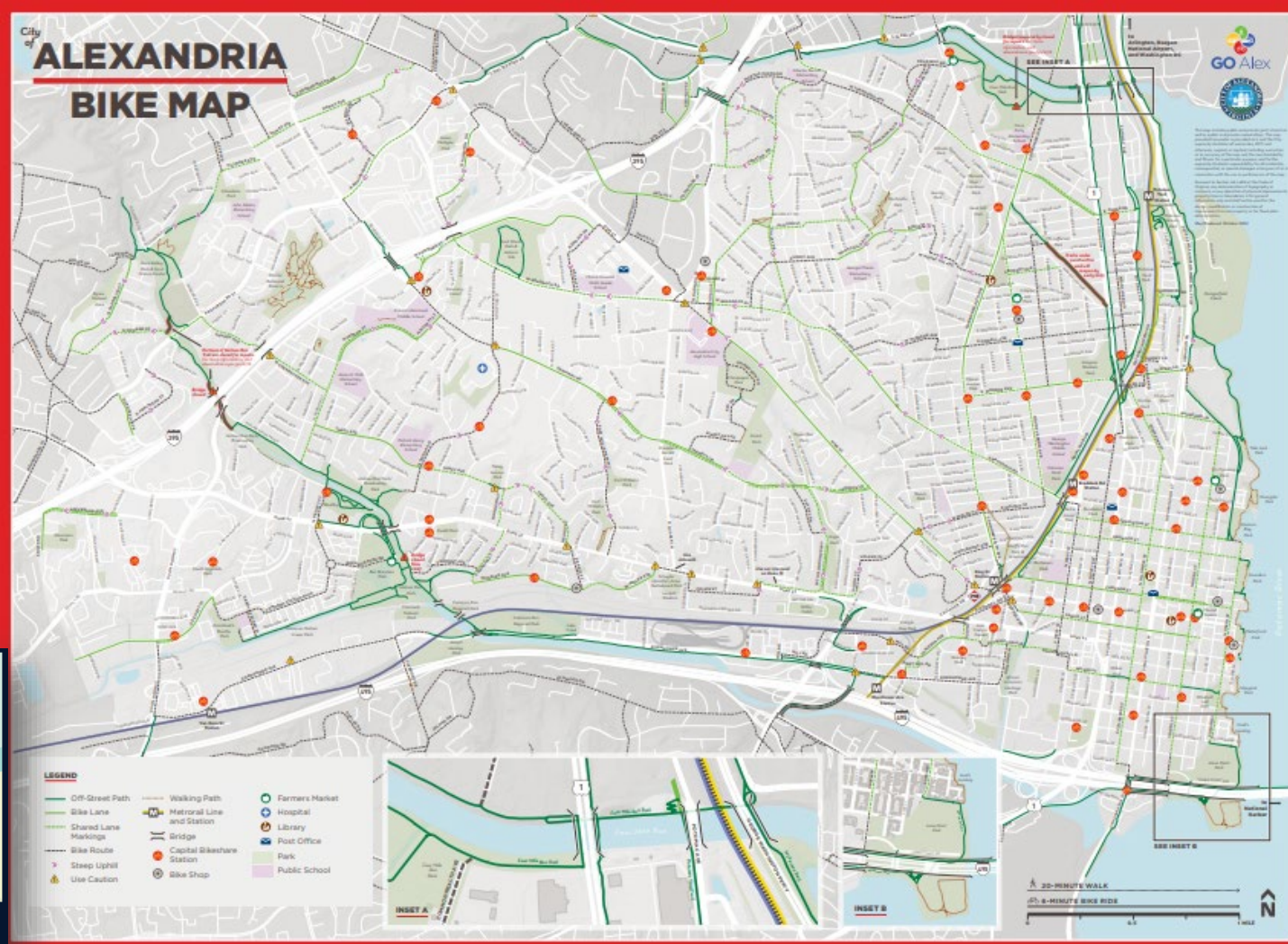
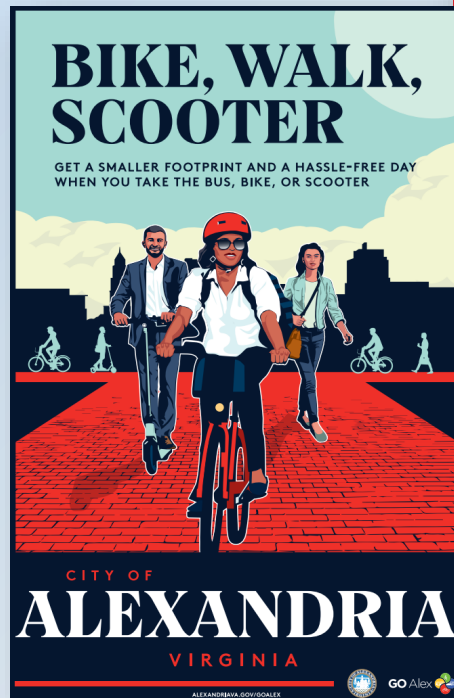
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
E-bike	317	400	644	680	683	1121	1177	1171	1242	679	564	343
Classic bike	1039	1883	3392	5193	6060	7609	7945	7773	7082	5476	4101	2637

■ Classic bike ■ E-bike



# Map Panels

- New GO Alex posters were installed June/July 2022
- Updated bike maps planned to be installed in Spring 2023



# Cosmo E-Bike

- Expected to launch Spring 2023
- Larger battery
- Faster acceleration
- Redesigned front basket



# Capital Costs

- Paid for by VDOT grants and developer contributions
- VDOT funding accrues annually, will have received \$4.3 million by FY 2026
  - 17 stations installed in 2021/2022
  - 21 station replacements and 9 new stations planned for 2023/2024
- \$750,000 available in developer contributions
  - 4-5 new developments expected to be ready for new stations in 2023
- Stations costs: \$30,000 - \$50,000
- Installation: Up to \$3,800
- Classic bike: \$1,100
- E-bike: \$4,000



# Operations & Maintenance Costs

- 15 dock station costs \$18,000/year to operate
- FY 2024 projected cost \$1.3 million before cost recovery
- Paid for through Transportation Improvement Program (TIP)
  - Offset by developer contributions, TDM contributions, and rider fees
  - Usage and membership fee cost recovery is approximately 20%





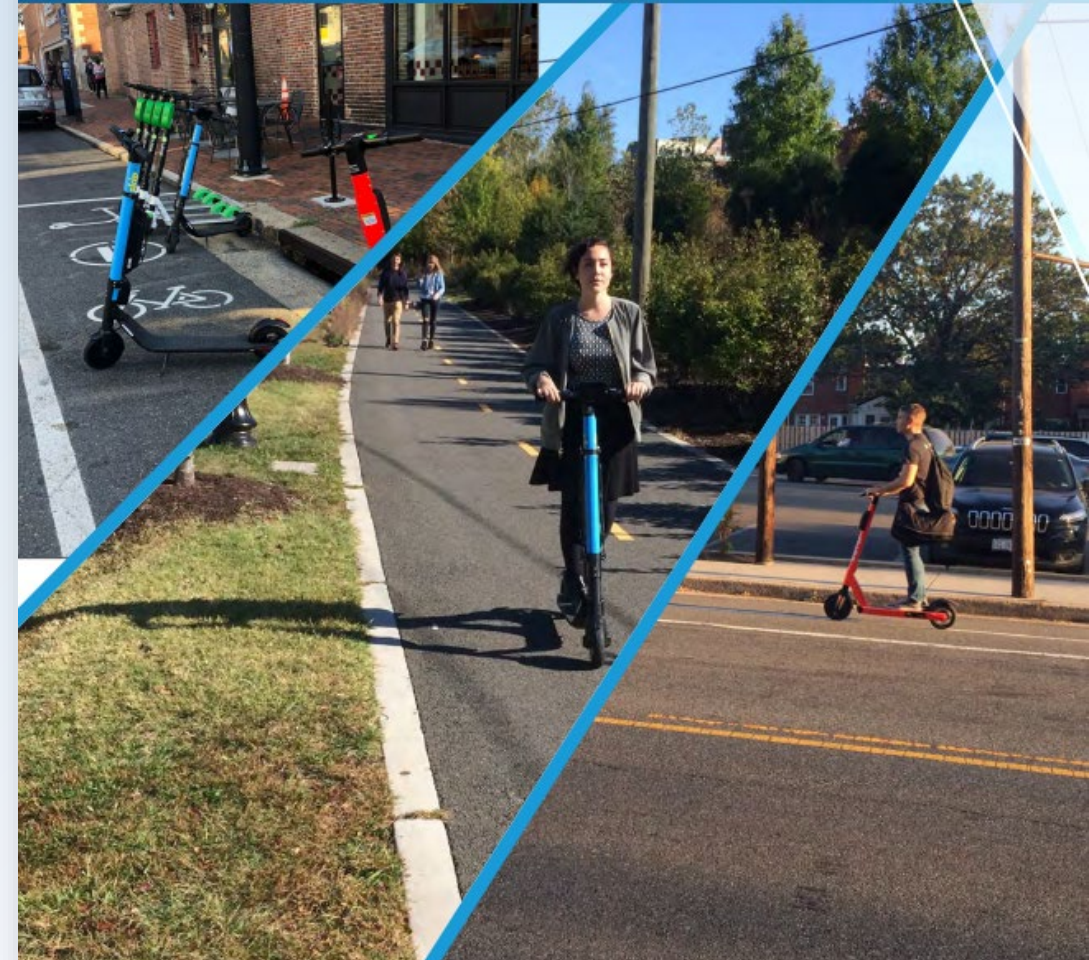
# Dockless Mobility

- Pilot Programs starting in 2018
- Permanent Program approved in November 2021
- First Permits issued April 2022



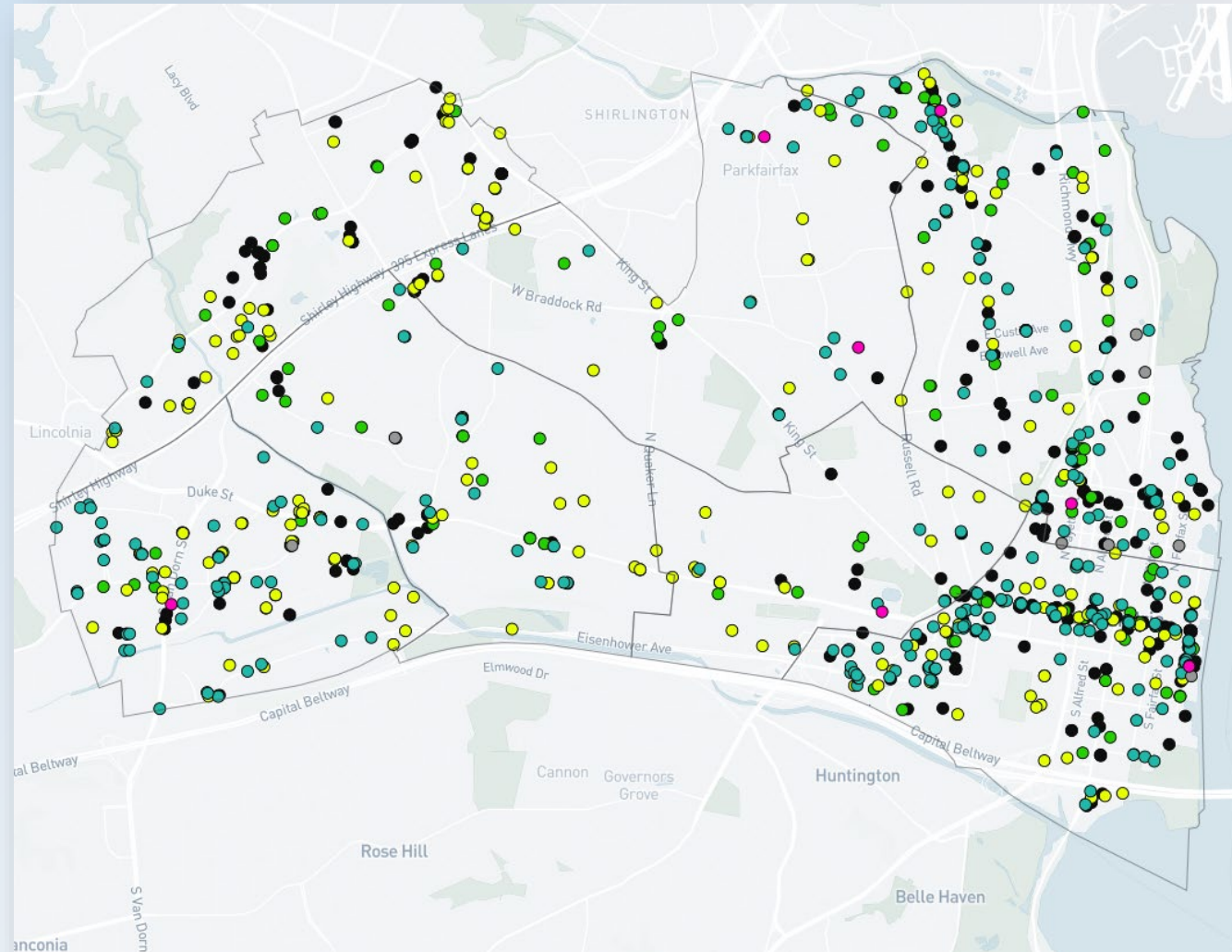
## Alexandria Dockless Mobility Pilot Evaluation

November 2019

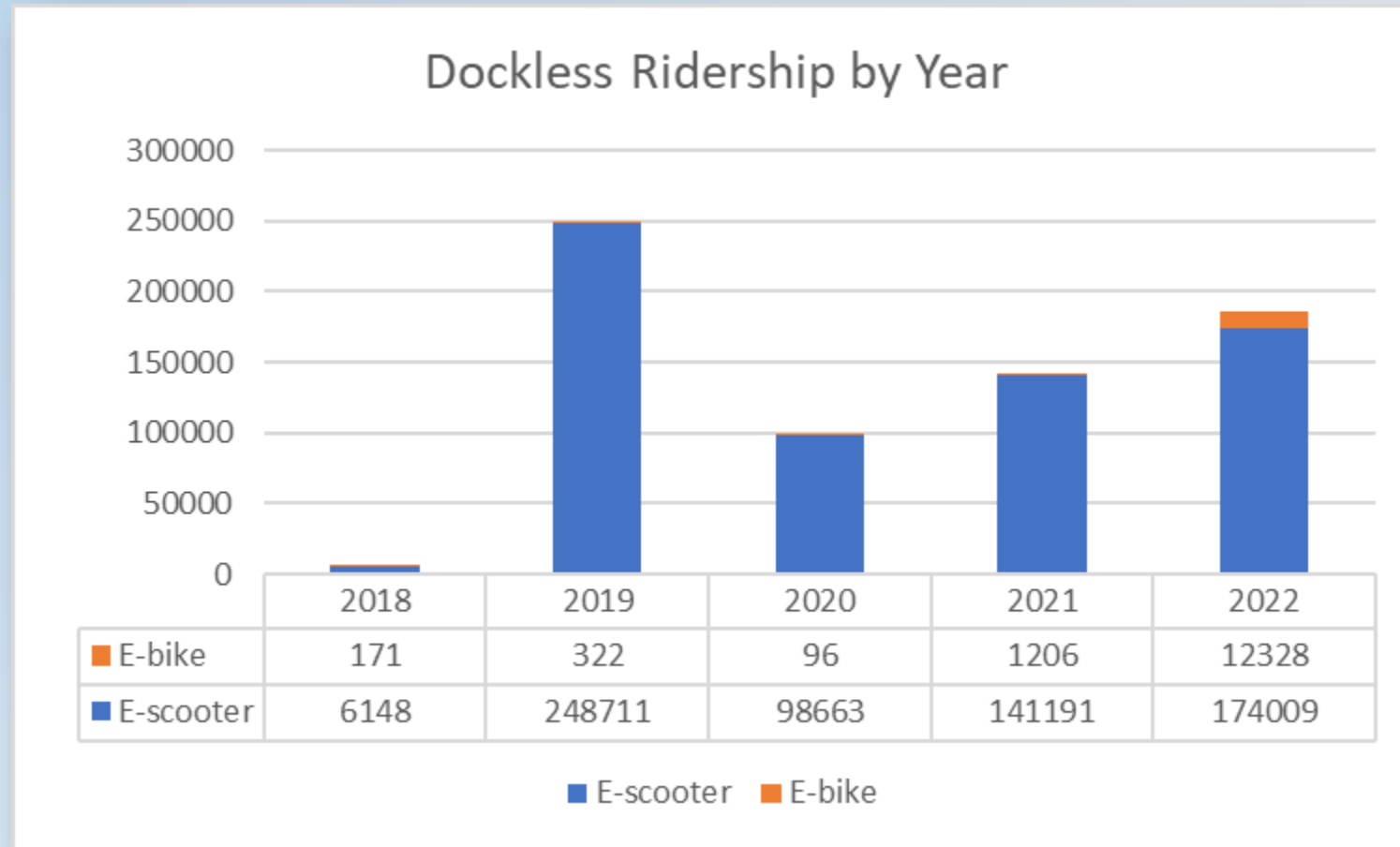


# Dockless Mobility

- 5 operators permitted to deploy e-scooters and e-bikes
  - Bird
  - Helbiz (withdrew Dec 2022)
  - Lime
  - Superpedestrian
  - Veo (permitted Sept 2022)
- 1,200 e-scooters and 500 e-bikes permitted to operate Citywide

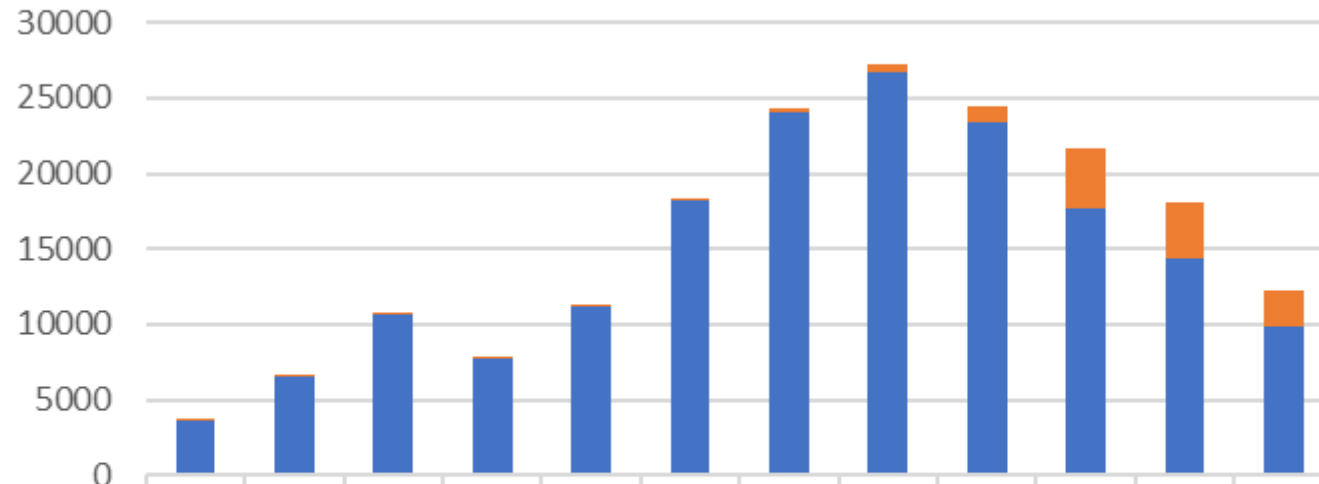


# Ridership Trends



# Ridership Trends

Dockless Ridership by Month, 2022



	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
■ E-bike	10	4	60	56	137	150	219	454	1057	4038	3681	2462
■ E-scooter	3600	6542	10606	7786	11192	18166	24080	26748	23404	17673	14419	9793

■ E-scooter ■ E-bike



# Equity Zones

- City requires a percentage of deployed devices in equity zones
- Upgraded device tracking system in December 2022

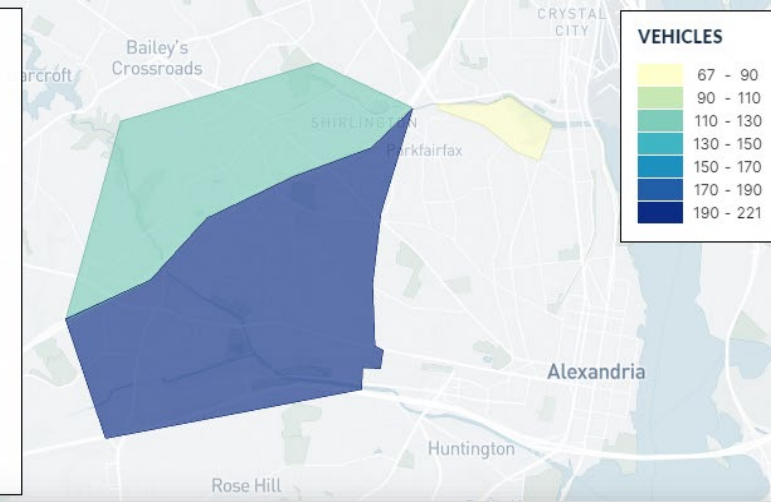
**DISTRIBUTION FILTERS**

Geography  
Distribution - Equity

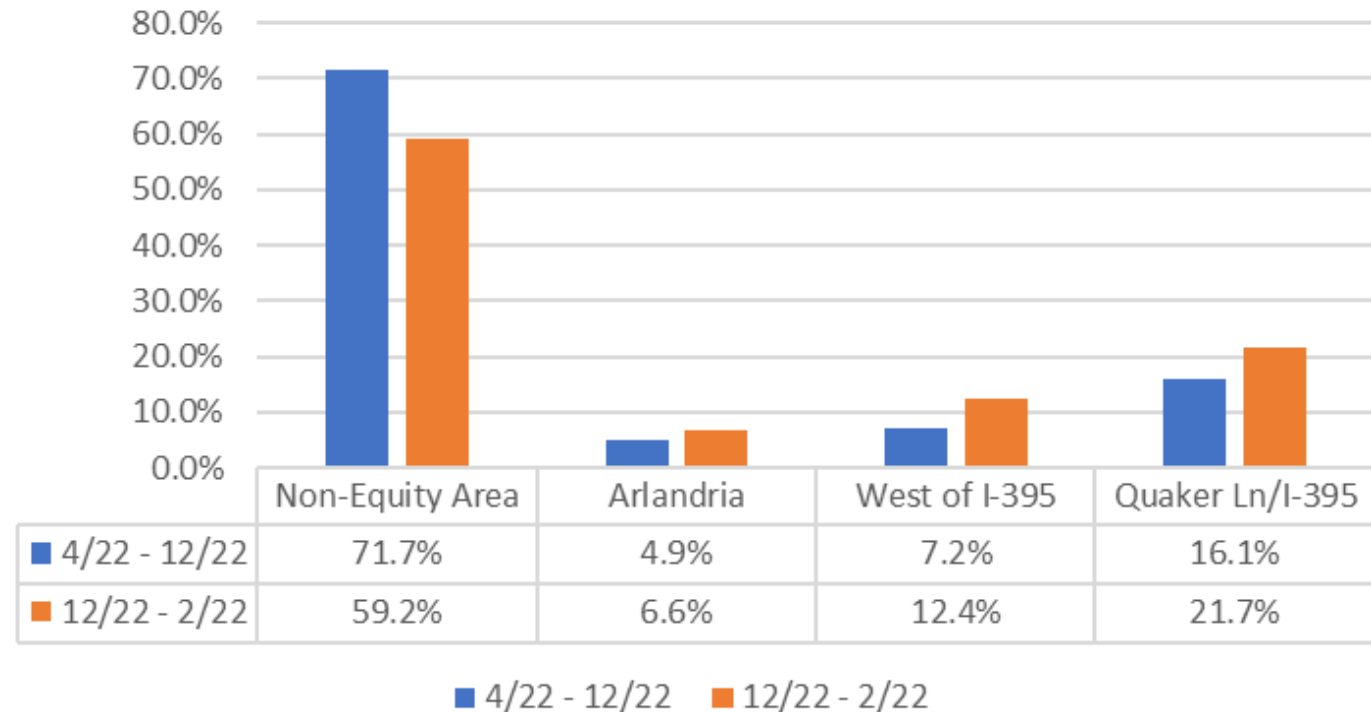
Operator  
All

Vehicle Type  
All

Vehicle State  
Deployed



Equity Zone Distribution Compliance



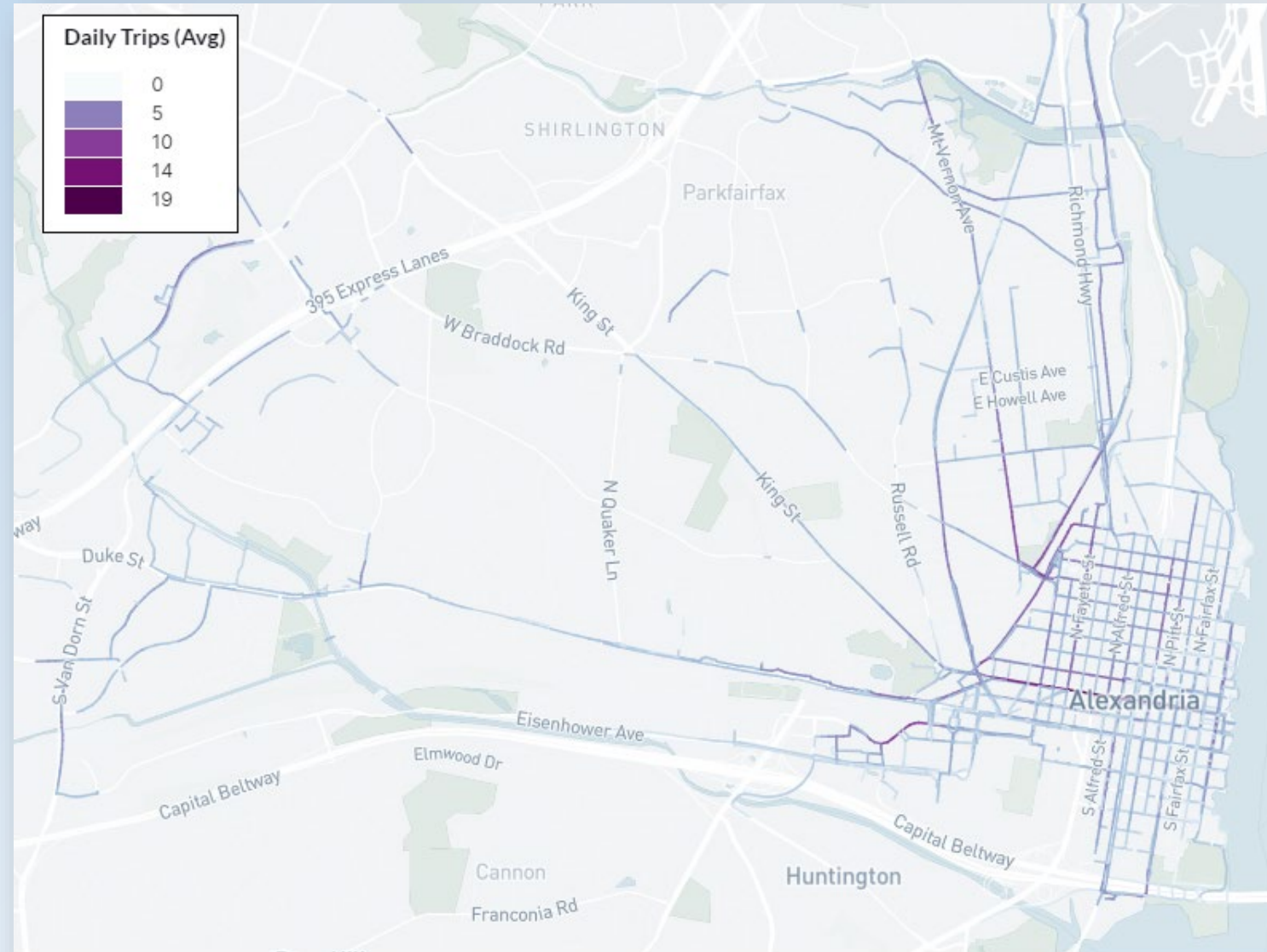
# 2023-2024 Permit Application

- Applications due February 21
- Scoring categories based on Alexandria Mobility Plan (AMP) goals and Past Performance



# Public Routes Map

- Ridership dashboard now available through the City dockless mobility webpage



**11,479** Trips  
Total Trips

**370** Trips  
Avg. Trips Per Day

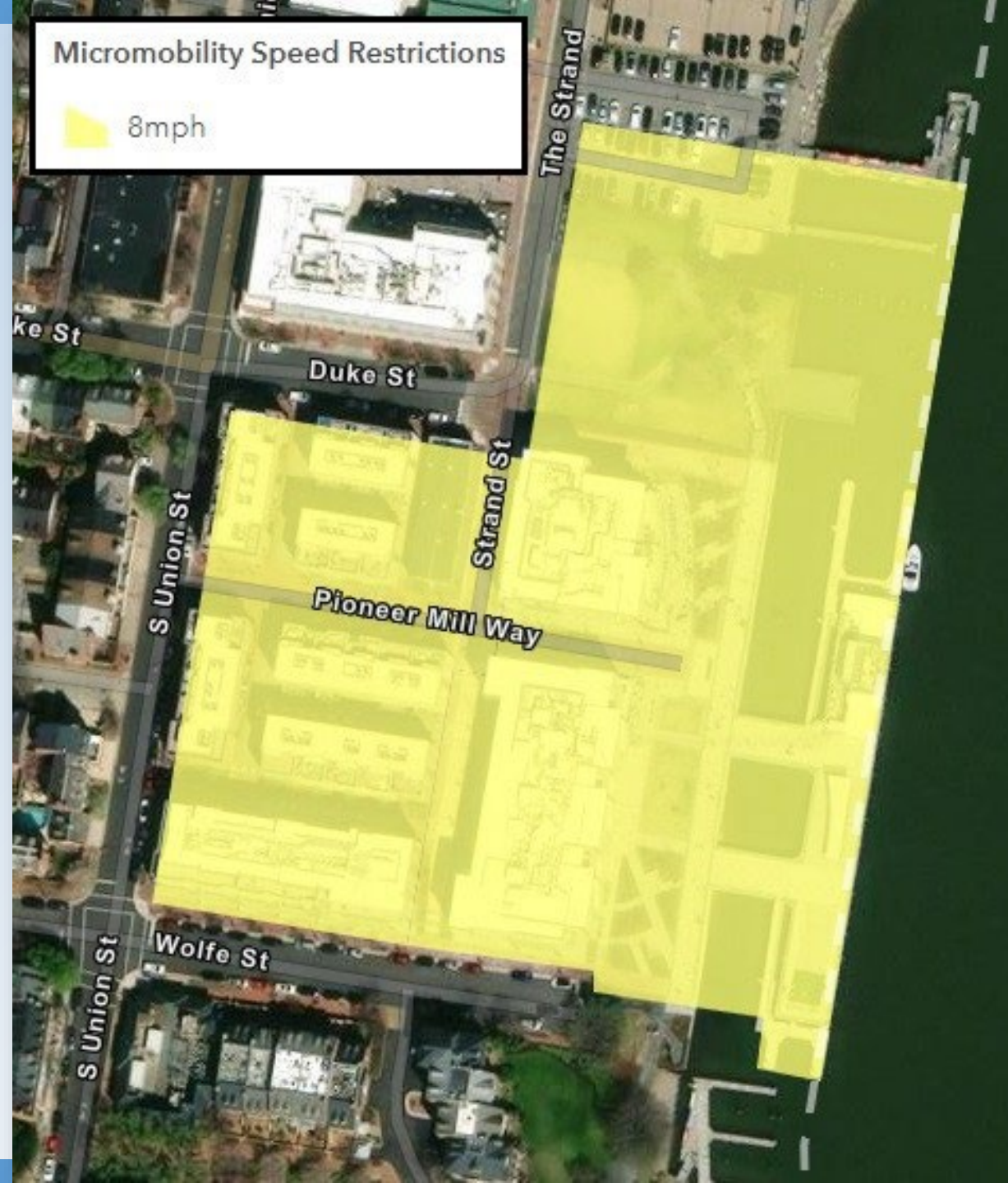
**0.99** Miles  
Avg. Trip Distance

**9.10** Minutes  
Avg. Trip Duration



# Slow Zone Pilot

- Robinson Landing neighborhood
- February 21- May 21
- 8 miles per hour speed limit
  - Enforced through GPS





# Safe Riding and Parking

- Minimum of 3 Learn to Ride events in 2023 through GO Alex
- Evaluating new dockless corral locations, particularly in the West End



# Thank you!

Sean Martin

Program Manager, Capital Bikeshare and Dockless Mobility

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<https://www.alexandriava.gov/DocklessMobility>



# Commissioner Updates

Agenda Item #5



# Commission Members

- **Oleksandr Faryga** – Environmental Policy Commission
- **Oscar Gonzalez** – Citizen East, High School Project
- **Casey Kane** – Traffic and Parking Board, Eisenhower West/Landmark/Van Dorn Advisory Group, Ad Hoc Duke Street Transitway Committee
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# Items for Consent

Agenda Item #6



# Other Business

- DASH Facilities Tour



# Adjourn Transportation Commission Meeting

Next meeting: March 15, 2023

