



Proposed Capital Bikeshare in Franconia District

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How Capital Bikeshare Works

- Bicycle transit service allows people to rent a bike and ride to one of 700+ stations in seven jurisdictions
- Serves as first and last mile from the Washington Metrorail
- Ridership fees
 - Members pay \$95 per year for unlimited 45-minute rides
 - Non-members pay \$1 to unlock a bike and \$0.05 per minute
 - Capital Bikeshare for All program provides low-income residents with unlimited 60-minute rides including e-bikes
- Bicycles designed with safety in mind
 - Upright and slow, always-on lights, bright red
 - Few reported crashes in Fairfax County

Typical Capital Bikeshare Station



How People Use Capital Bikeshare

- Transfer to/from Metrorail or Connector/Metrobus
- Run errands
- Go to appointments
- Shop or visit restaurants
- Fun rides along trails
- Facilitates one-way trips
- Replaces short car trips



Franconia District Bikeshare Funding

- Northern Virginia Transportation Commission grant for four stations around the Franconia/Springfield Metrorail
- Congressionally Directed Spending (i.e. earmark) for Capital Bikeshare in underserved neighborhoods Countywide
 - Three stations proposed for Franconia District

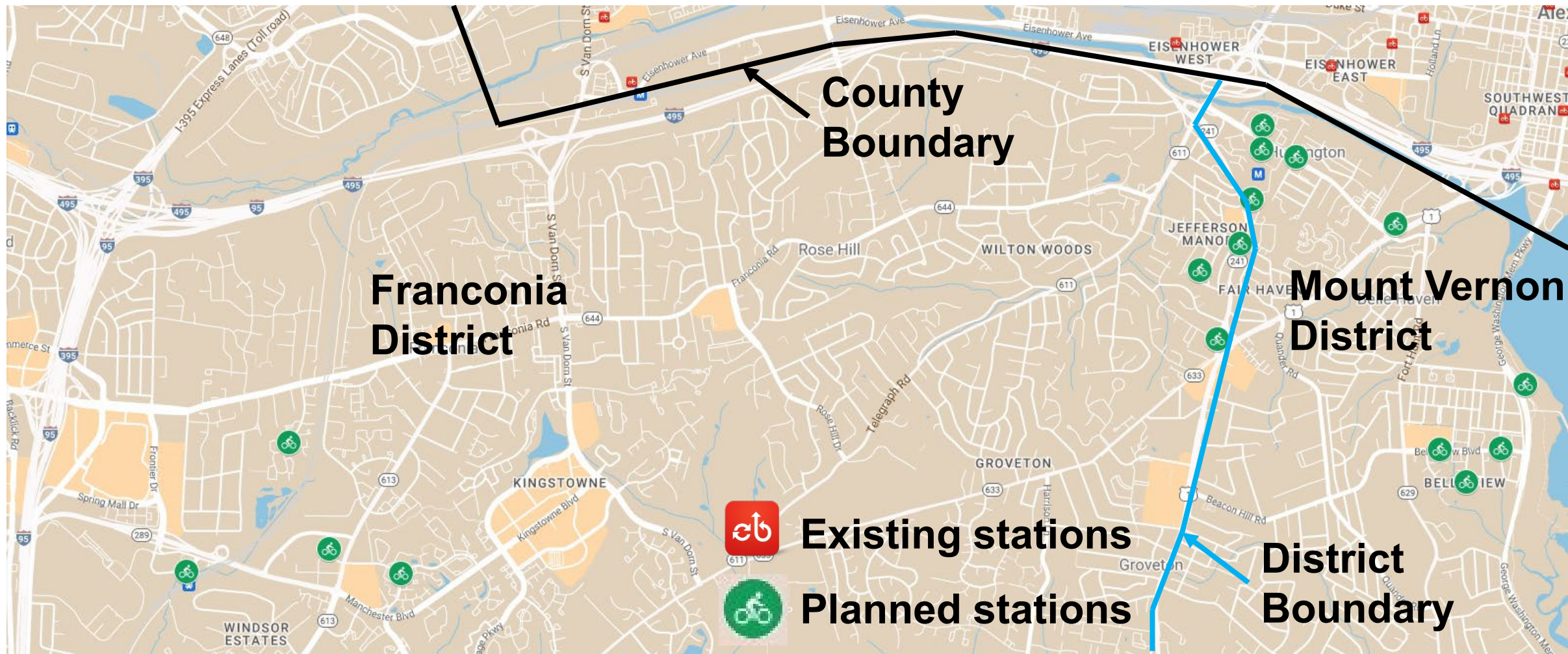
Station Location Selection

- Build on existing network in Alexandria and planned expansion in Mount Vernon District
- Provide first and last mile trips to and from Metrorail
- Adhere to technical requirements such as solar access and safety
- Meet programmatic requirements such as underserved neighborhoods and residential density
- Attract ridership and revenue

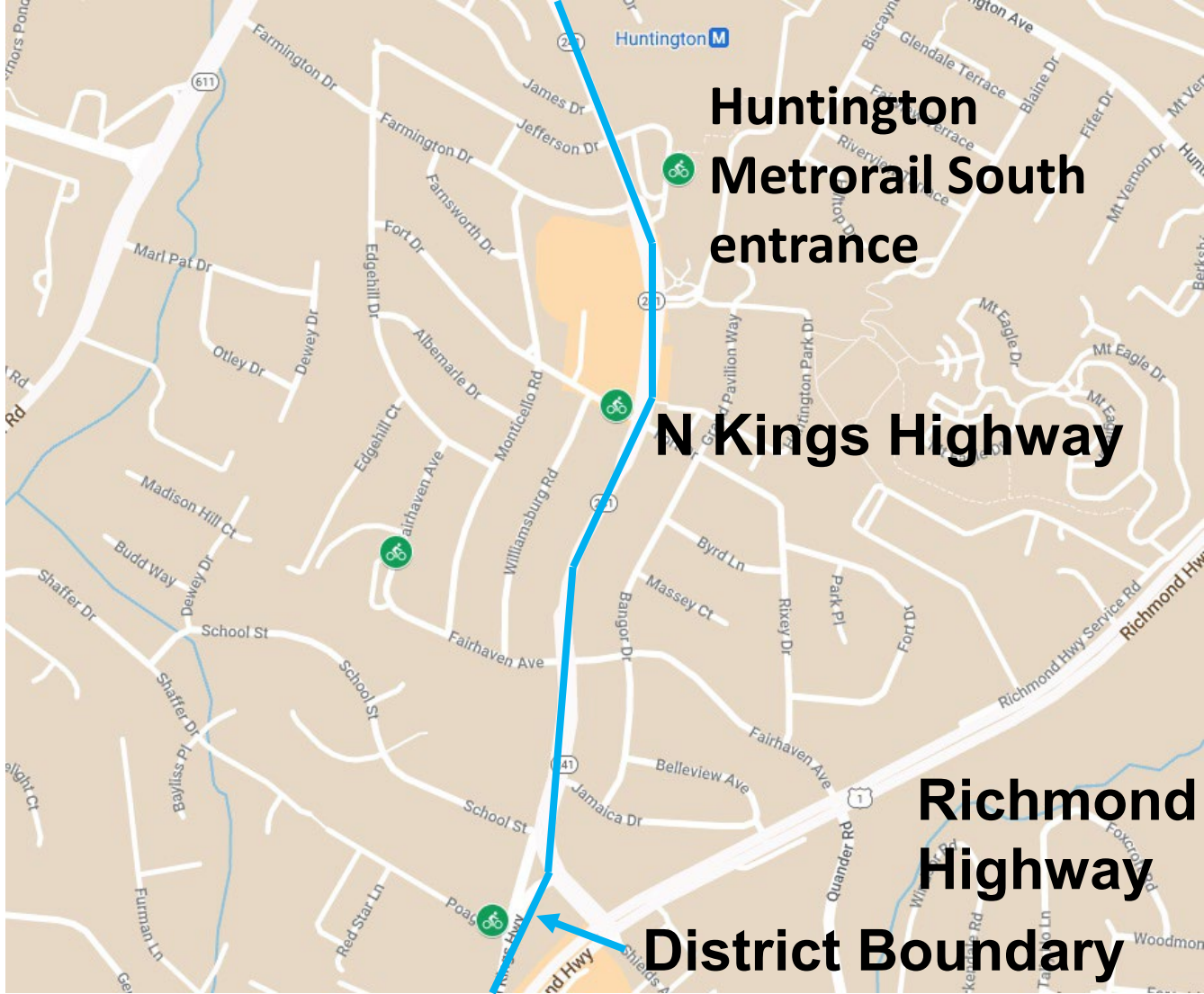
Proposed Station List

- Fairhaven Avenue & Monticello Drive
- N Kings Highway & Fort Drive
- Poag Street & S Kings Highway
- *Huntington Metrorail South (in Mount Vernon District)*
- Franconia/Springfield Metrorail North
- Seatrend Way & Andrew Matthew Terrace
- Charles Arrington Drive & Manchester Lakes Drive
- Metro Park Drive & Walker Lane

Franconia District Map



Jefferson Manor Neighborhood



Fairhaven Avenue & Monticello Drive



Fairhaven Avenue & Monticello Drive



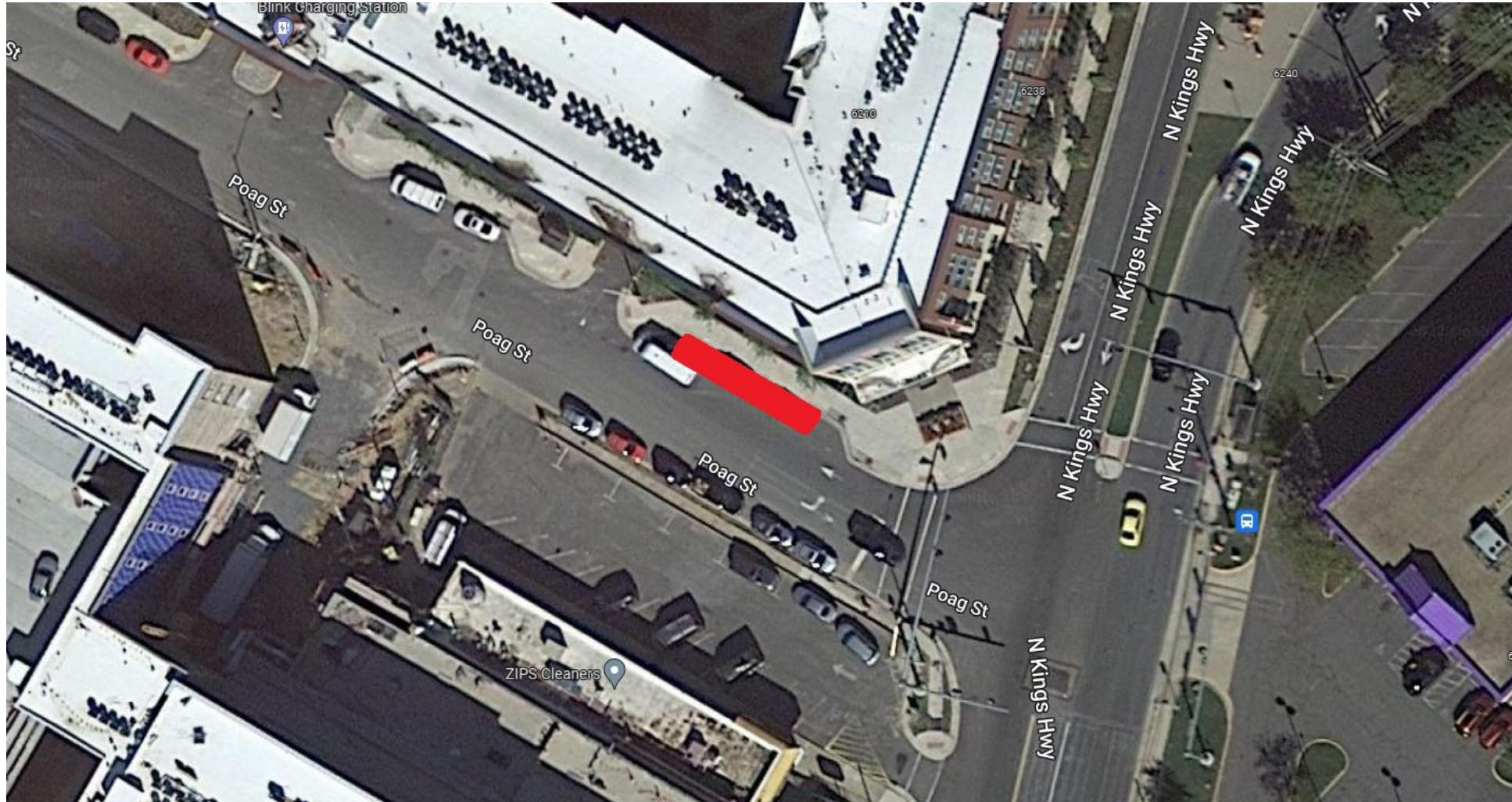
North Kings Highway & Fort Drive



North Kings Highway & Fort Drive



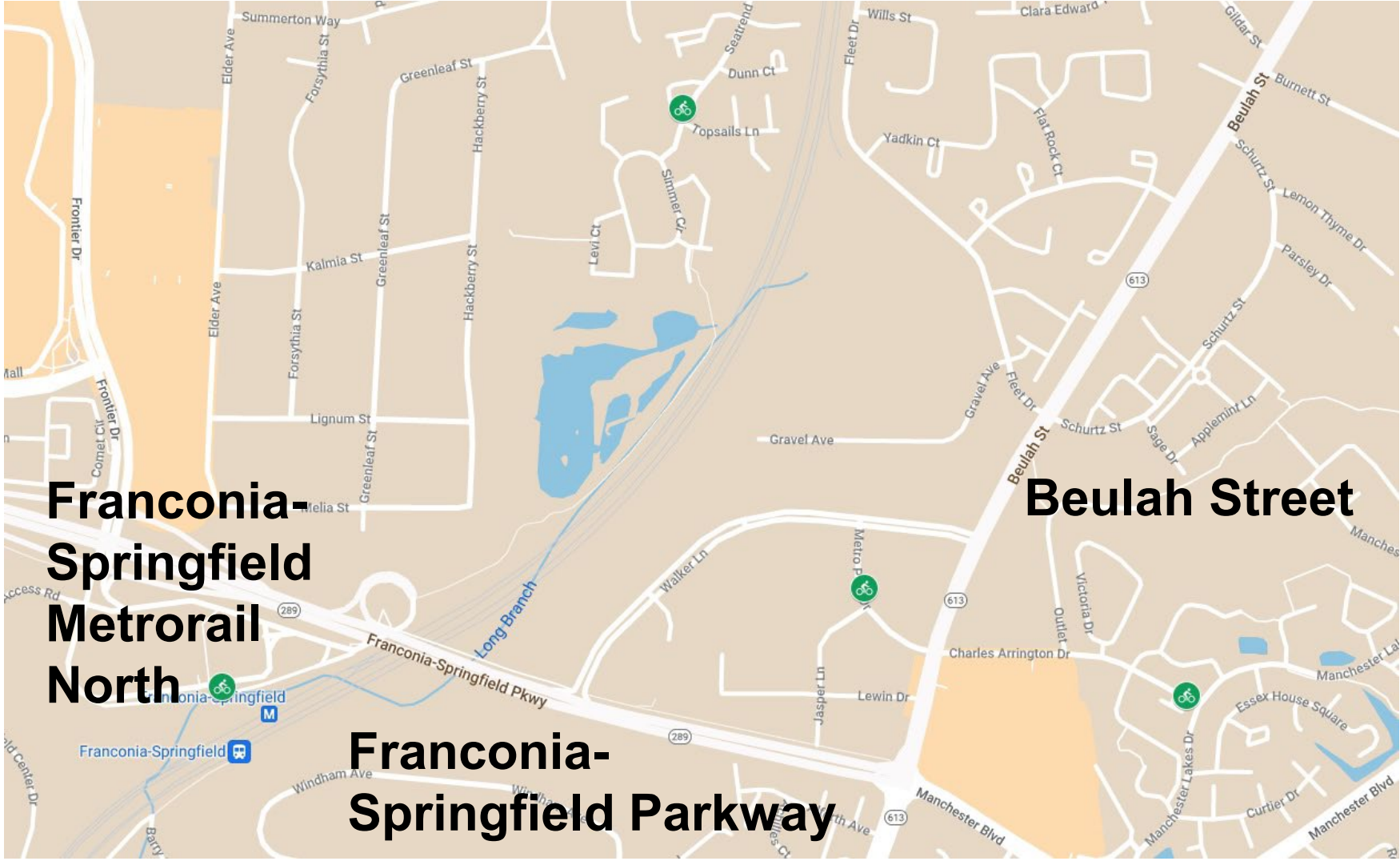
North Kings Highway & Poag Street



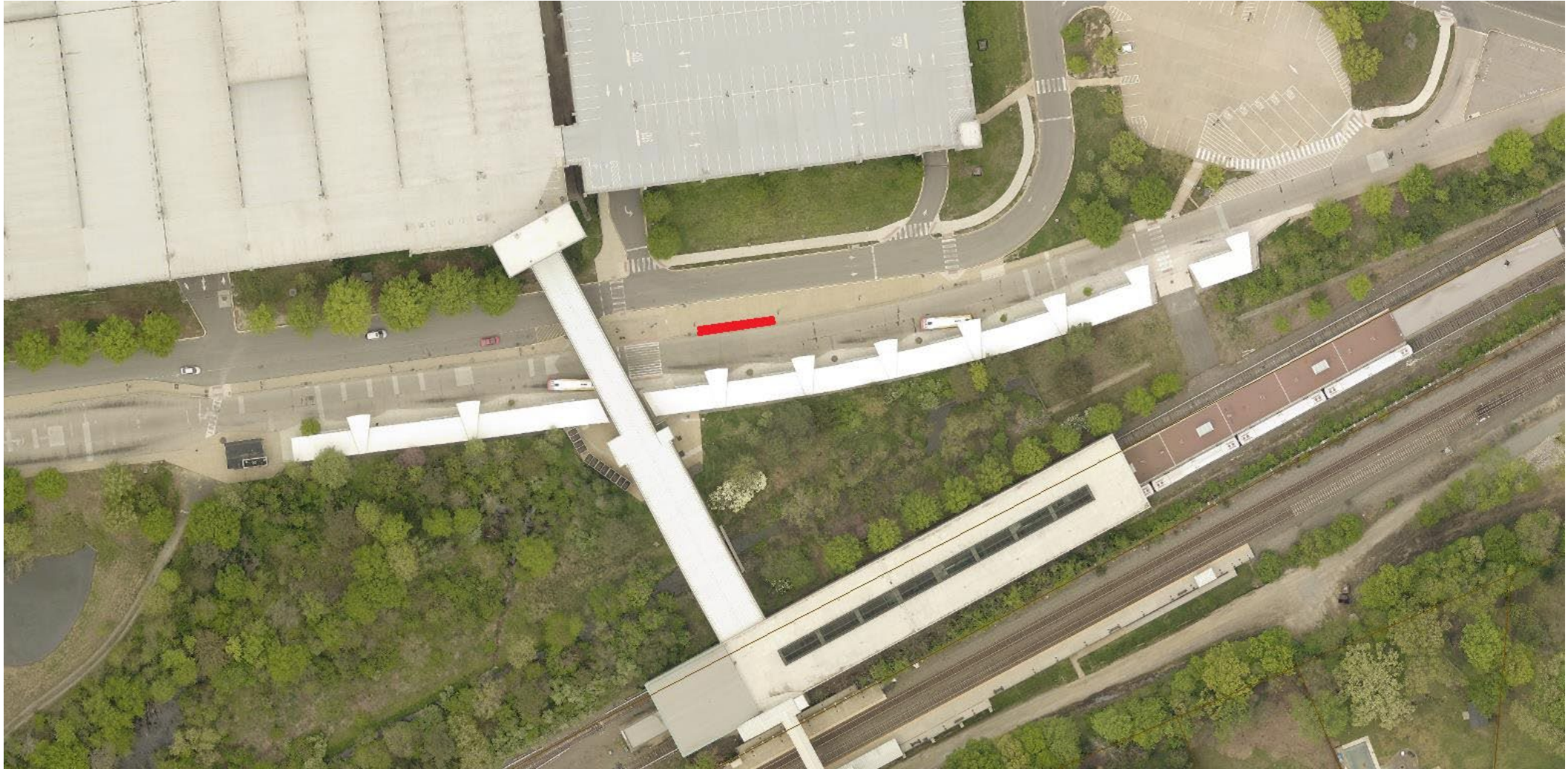
North Kings Highway & Poag Street



Franconia/Springfield Metrorail



Franconia/Springfield Metrorail North



Franconia/Springfield Metrorail North



Seatrend Way & Andrew Matthew Terrace



Seatrend Way & Andrew Matthew Terrace



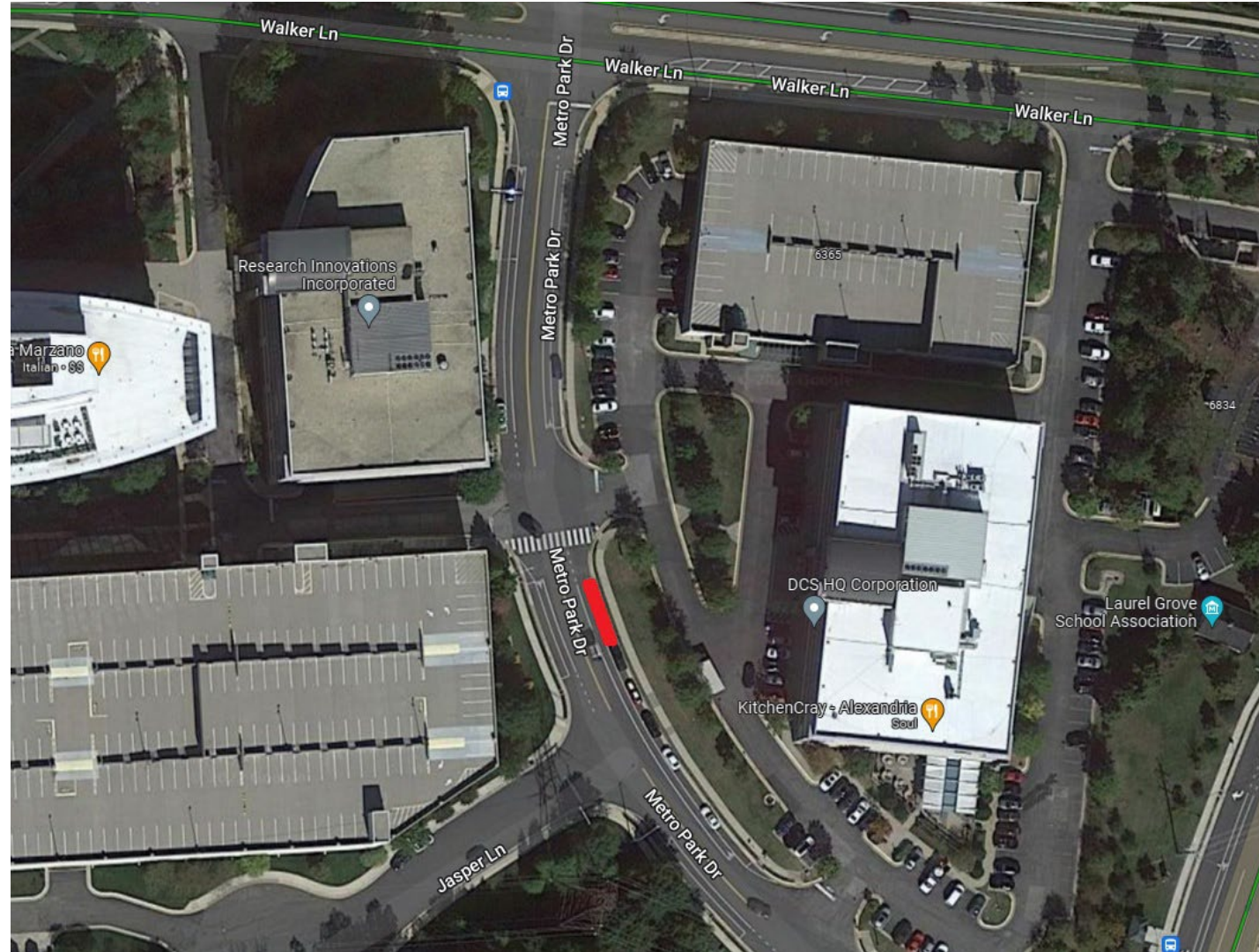
Charles Arrington Drive & Manchester Lakes Drive



Charles Arrington Drive & Manchester Lakes Drive



Metro Park Drive & Walker Lane



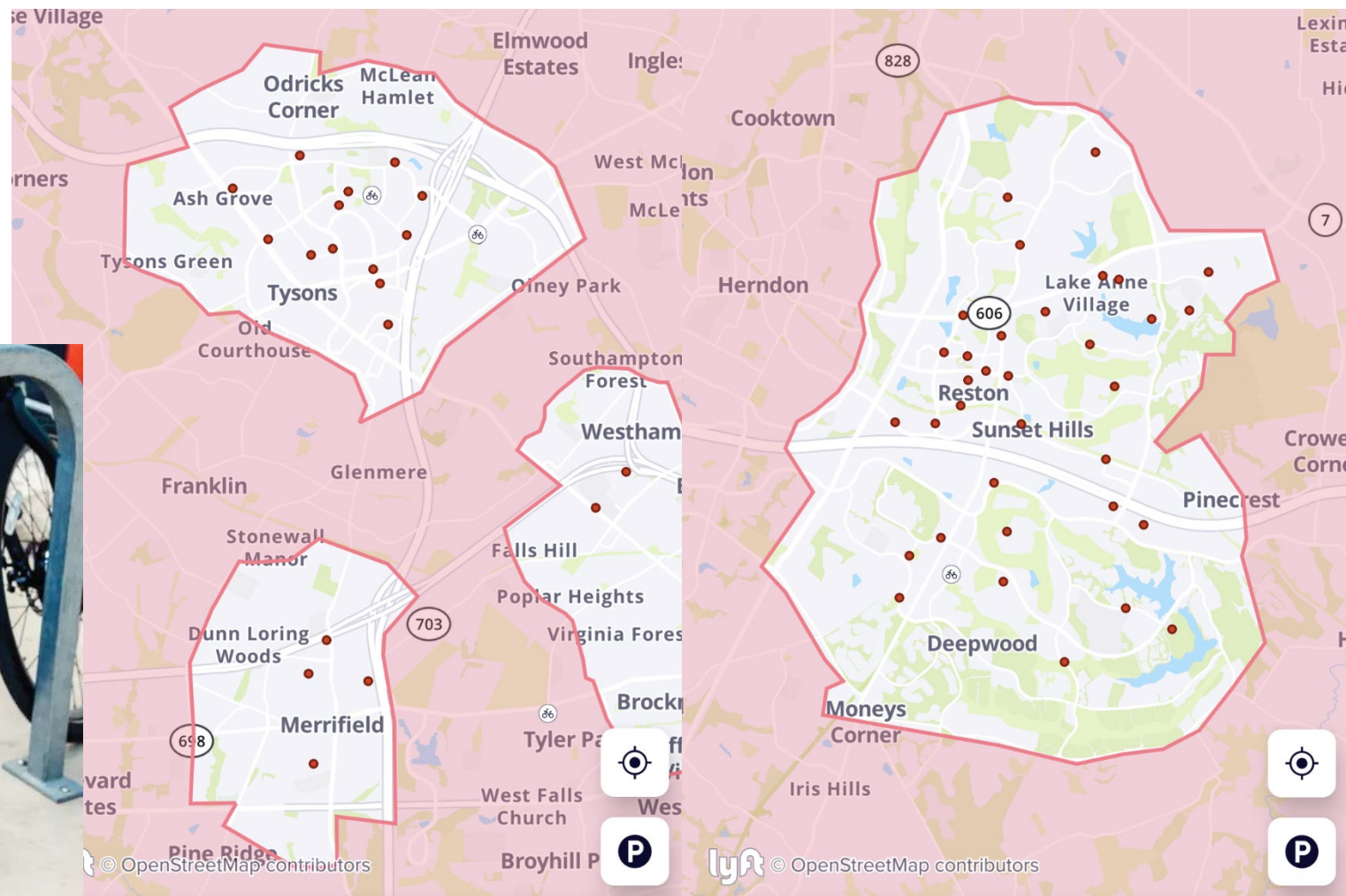
Metro Park Drive & Walker Lane



Electric Bikes (E-Bikes)

- Since July 2020, Capital Bikeshare has hosted contractor-provided e-bikes, which made up 6% of the fleet but generated 15% of the trips
- Can lock to public bike rack instead of a docking station (i.e. dockless) within a ¼ mile of a station (i.e. service area)
 - High compliance with e-bike parking rules
 - 5% of trips started or ended outside of dock Countywide
 - Equity members ride for free for 60 minutes and \$2 out of station fee waived

E-Bike Service Area Examples



E-Bikes

- Will acquire e-bikes instead of classic bikes with the NVTC grant and Countywide earmark
- Buying our own ensures future e-bike service after contractor-provided e-bikes begin phasing out in August 2023
- While e-bikes' purchase price is higher than classic bikes, it is paid for by the grant and higher operating costs are covered by rider fees
 - \$3,918 e-bike purchase price
 - \$1,111 classic bike purchase price

Capital Bikeshare's New E-Bike Model

Locking
mechanism



Next Steps

- Work with Northern Virginia Transportation Commission to order equipment for four Franconia/Springfield Metrorail station sites
- Work with Virginia Department of Transportation (VDOT) to obtain permits
- Work with the VDOT on four Jefferson Manor and Huntington Metrorail south entrance locations
- Install stations in 2023-2024

Public Comment

- Accepting public input via bikefairfax@fairfaxcounty.gov through December 16, 2022
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