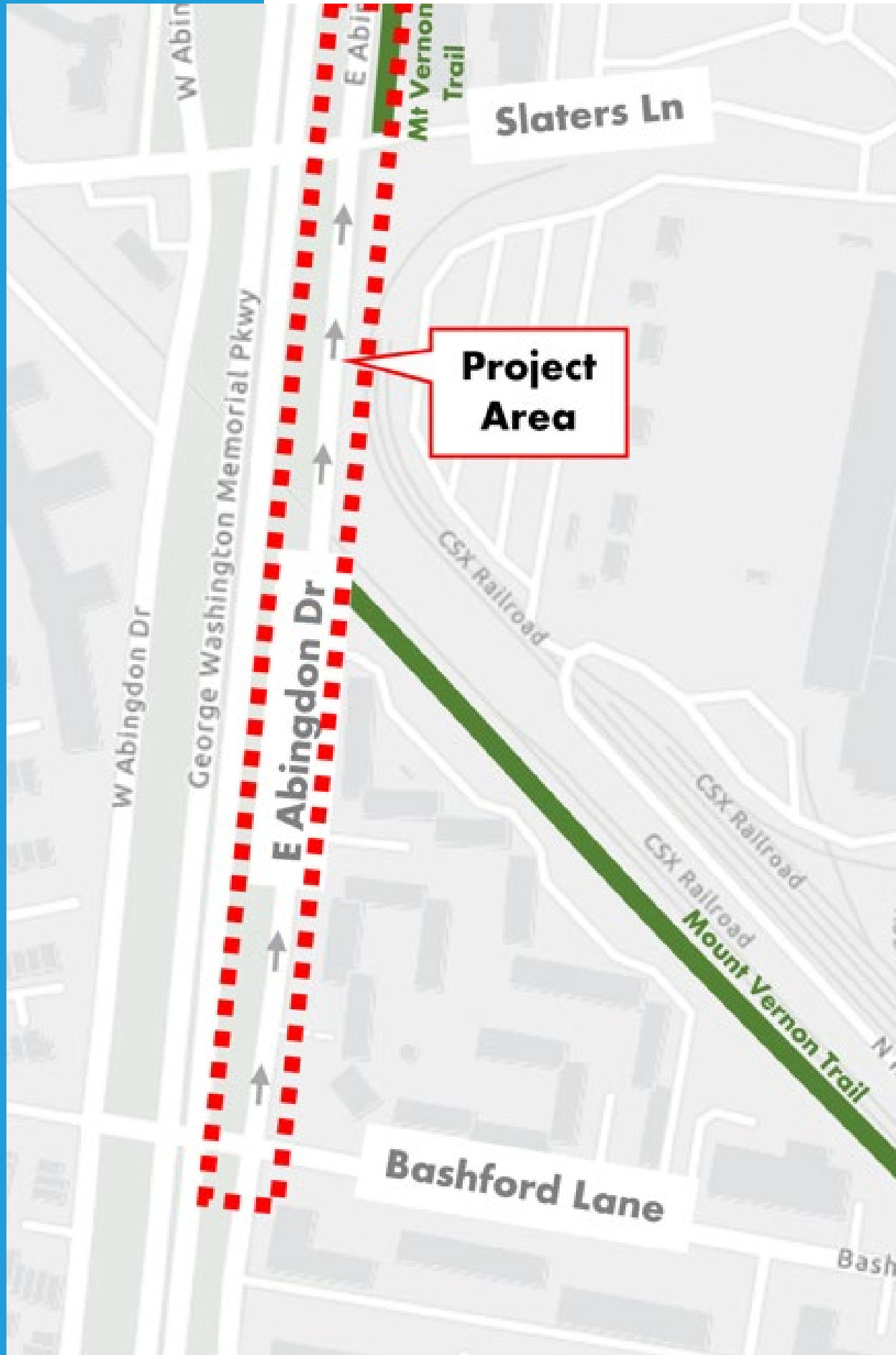


EAST ABINGDON DRIVE BIKE LANE PROJECT





Project Objective

Improve safety and options for people walking and biking along the Mount Vernon Trail by completing the missing bicycle connection on East Abingdon Drive.

Project Timeline



Background

The Mount Vernon Trail is a critical component of the region's transportation system. It is well-used by people biking for commuting or recreation within and between Fairfax County, Alexandria, Arlington, and Washington, DC.

However, the trail ends briefly where it meets East Abingdon Drive, a one-way street. Today, people biking south on the Mount Vernon Trail towards Old Town can either (a) bike on the narrow sidewalk along East Abingdon, conflicting with people walking, or (b) bike in the street in the wrong direction of traffic. Neither is a safe or comfortable option.

We can change that!



Alexandria Mobility Plan

October 2021



Alexandria
Mobility
Plan



alexandriava.gov/MobilityPlan

Alexandria Mobility Plan

Adopted by City Council October 2021



***Prioritize safety:** Focus on vulnerable street user crashes to help achieve Vision Zero.*

***Address network gaps:** Complete pedestrian and bicycle networks equitably and cost-effectively.*

Create a safe, well-maintained, and comfortable walking and bicycling environment.

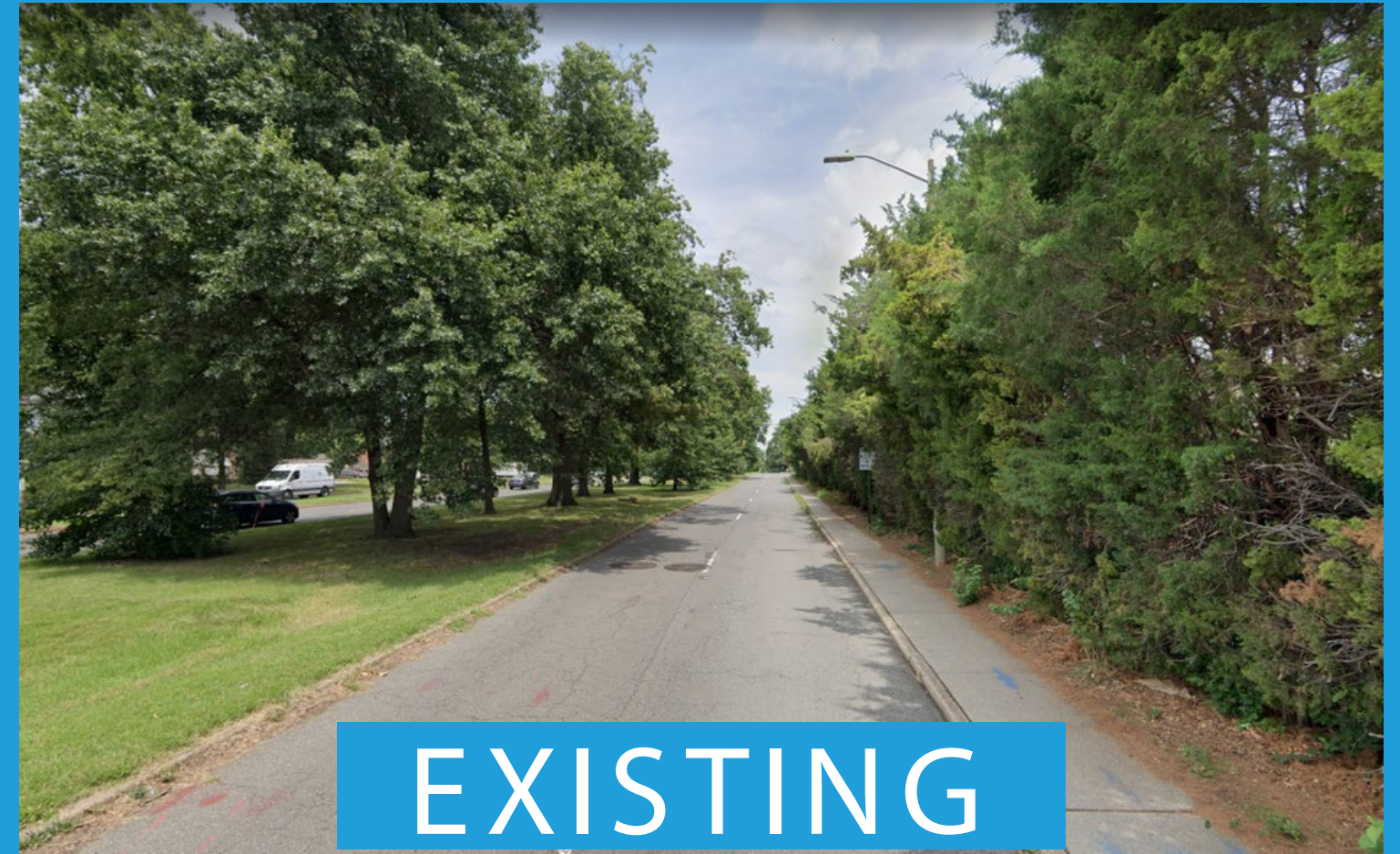
Build out a connected bicycle network of both on- and off-street facilities to benefit cyclists of all ages and abilities.



Proposed Design

This design would convert the right travel lane into a two-way bicycle facility. This would:

- Bridge the gap in the Mount Vernon Trail
- Provide people biking a safe place to ride
- Provide a buffer between people walking and vehicular traffic
- Reduce dangerous wrong-way cycling
- Minimize conflicts between people biking and people walking on the sidewalk
- Visually narrow the roadway and slow vehicle speeds
- Reduce exposure for pedestrians crossing Slaters Lane

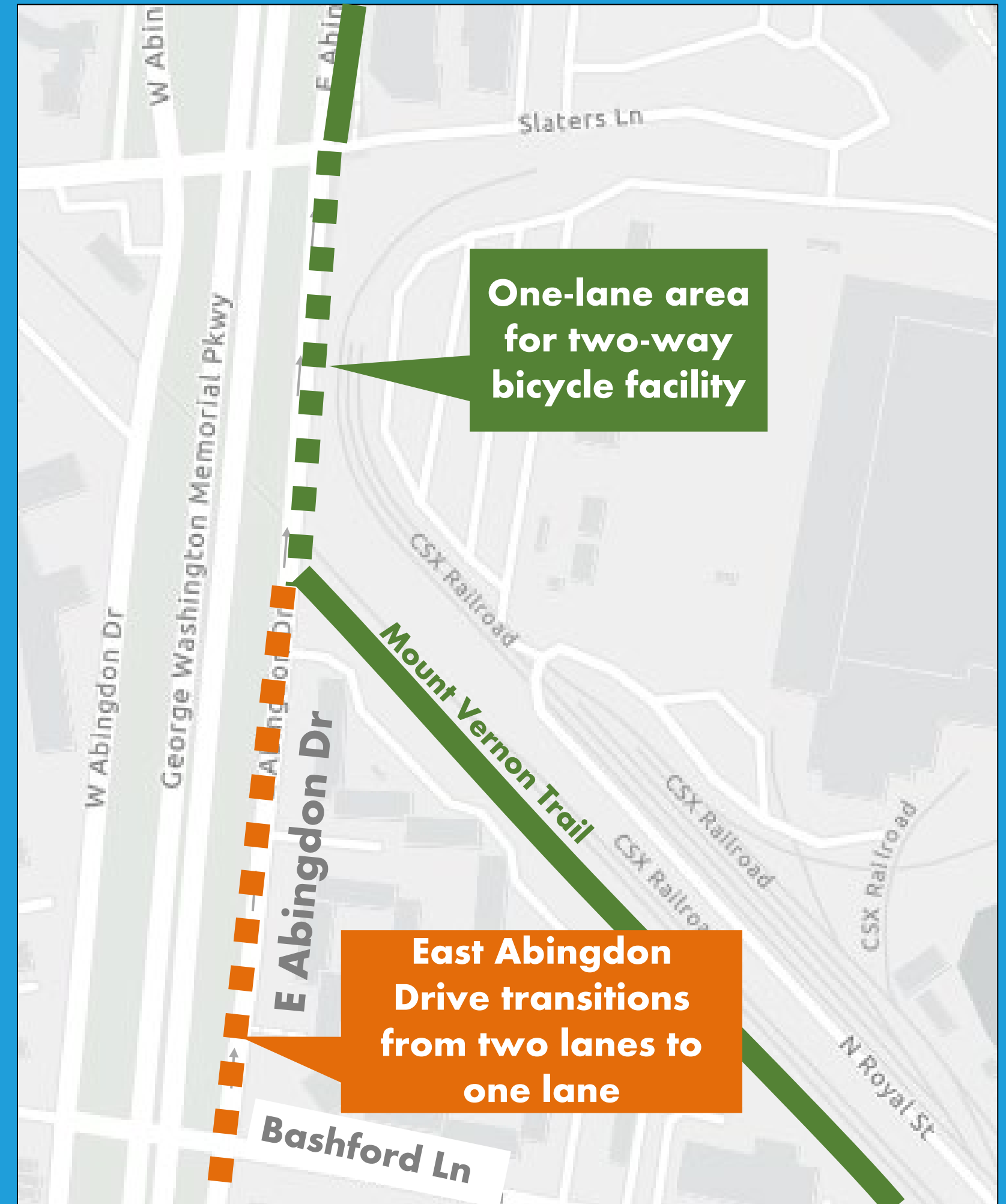


East Abingdon Drive looking north to Slaters Lane. For illustrative purposes only.

Transitioning from Two Lanes to One

With the proposed two-way bike lane (dashed green line to the right), East Abingdon Drive must transition from two lanes to one lane at or near Bashford Lane (dashed orange line).

See the next slide for two options for transitioning East Abingdon Drive from two lanes to one lane.

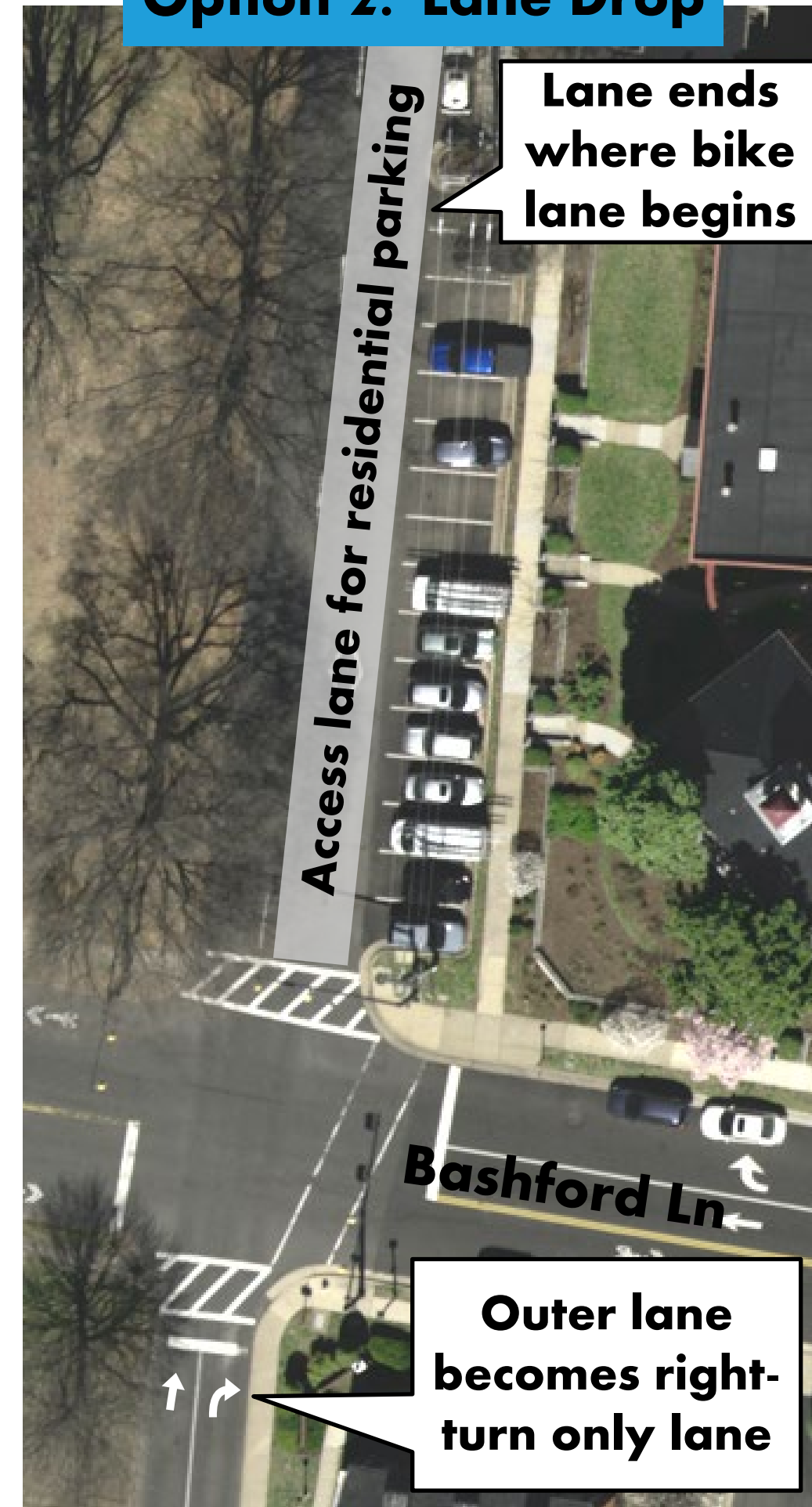


Transition Options at Bashford Lane

Option 1: Merge Lane



Option 2: Lane Drop



Traffic Considerations

A traffic study was performed to assess existing conditions and potential impacts of the proposed design concept. Key findings include:

- Over 400 people bike along the Mount Vernon Trail/East Abingdon Drive daily.
- The right lane, which is currently HOV-only in the AM rush hour, would be replaced by the two-way bike lane.
- Traffic modeling indicates that there could be a minimal impact during the AM rush hour, with drivers experiencing additional queuing on East Abingdon Drive approaching Slaters Lane that might add 10-20 seconds to their trip.
- **No significant impact is expected during the PM rush hour or during off-peak travel times.**

Note: Additional safety, capacity, and operational improvements are planned as part of the Potomac River Generating Station redevelopment project.



Provide Feedback

1. Review the draft concept plans
on the project webpage:

<https://www.alexandriava.gov/go/4792>

2. Complete the feedback form by **September 17:**

<https://www.research.net/r/EastAbingdonBikeLanes>

Next Steps



AUGUST- SEPTEMBER

- Community conversations & input



OCTOBER- NOVEMBER

- Refine Concepts
- ★ **10/23: Traffic & Parking Board Public Hearing**



FALL 2023- SPRING 2024

- Acquire Permits
- Implement Project
 - Monitor

**Thank
you!**

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www.alexandriava.gov/go/4792