

King Street Access & Safety Improvements Study at Alexandria City High School

July 23, 2025 Online Presentation

City of Alexandria

Department of Transportation & Environmental Services



Agenda



Project Location

Project Overview

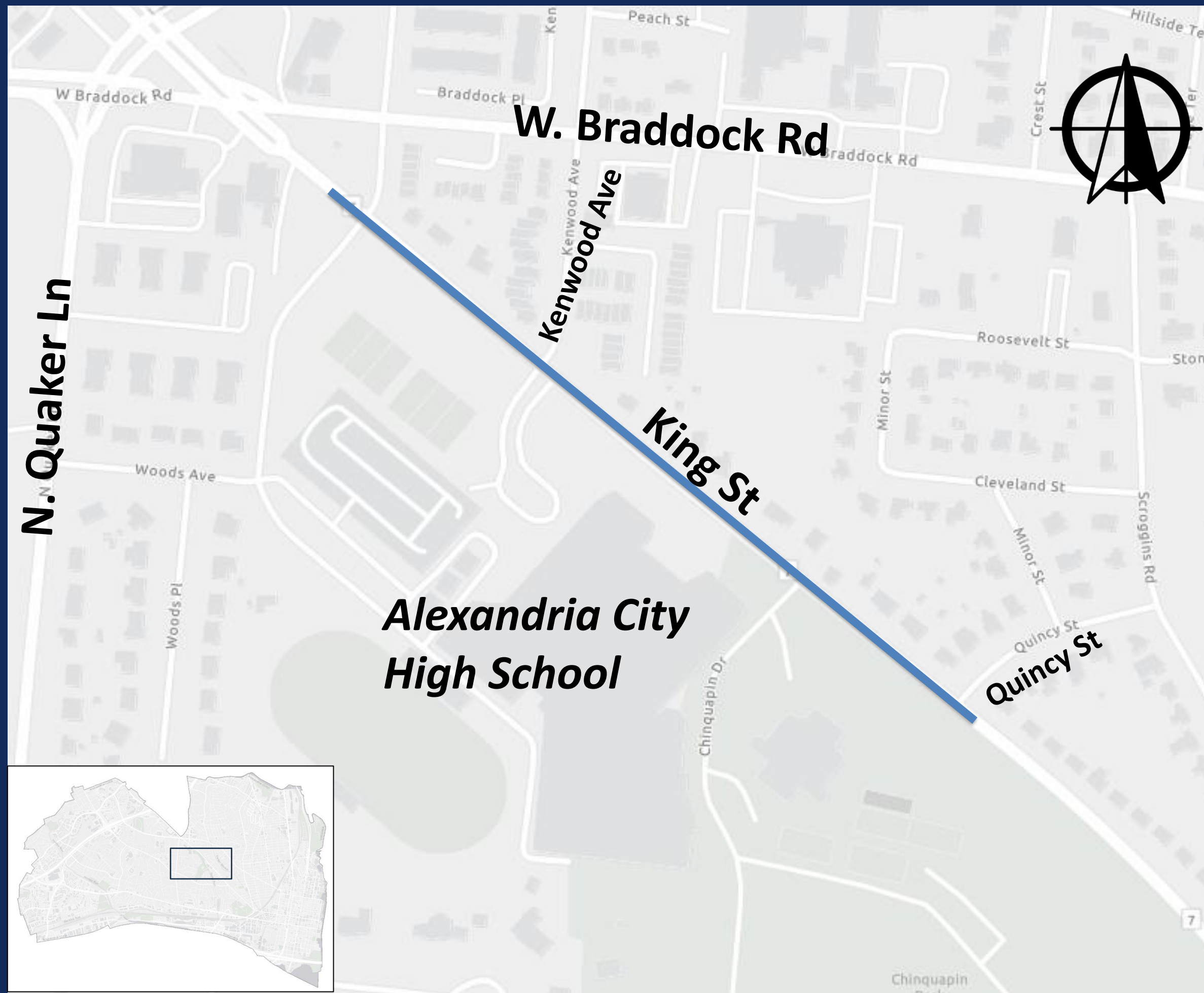
Design Concepts

Concept Feedback

Preferred Concept Overview

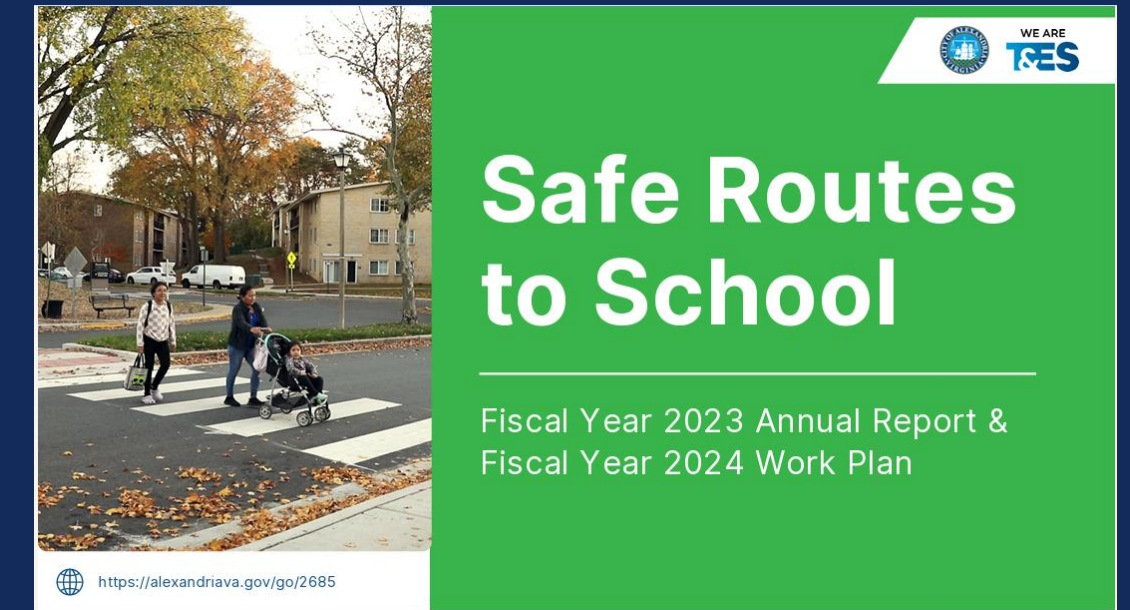
Project Benefits

Upcoming Activity



Project Location

Project Need



VTrans & PBSAP safety issues
identified by the state

The 2021 Alexandria Mobility Plan
identifies study area as priority
bicycle gap location in the City.

A 2023 Safe Routes to School walk
audit identified a number of
opportunities to increase the safety
of students walking and biking to
school.



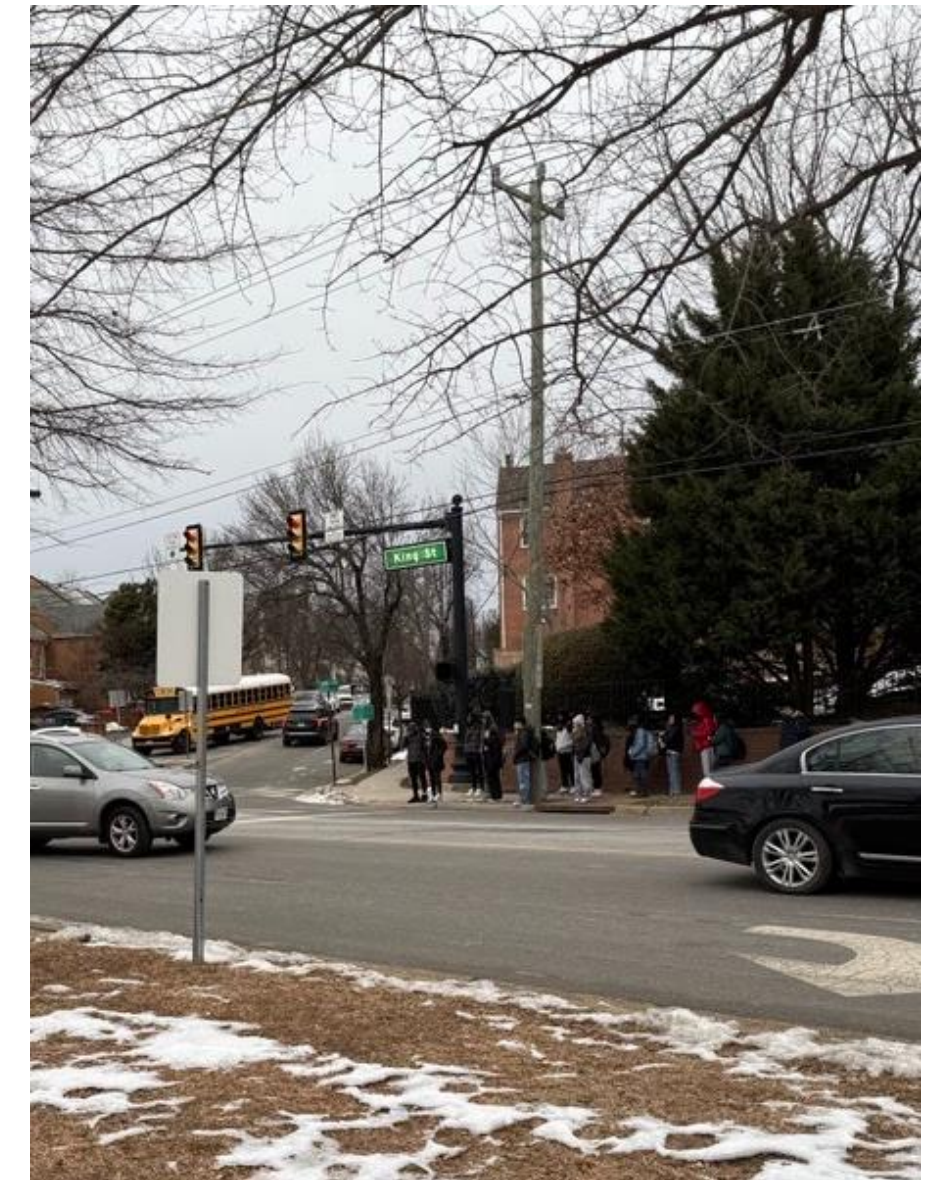
School Pick-Up & Drop-Off



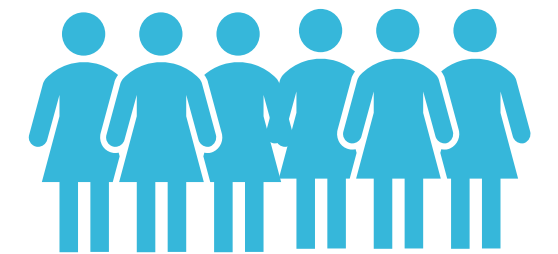
Vehicle Backups



Pedestrian Crossings



Crowded Sidewalks



Observed Challenges

Project Goal

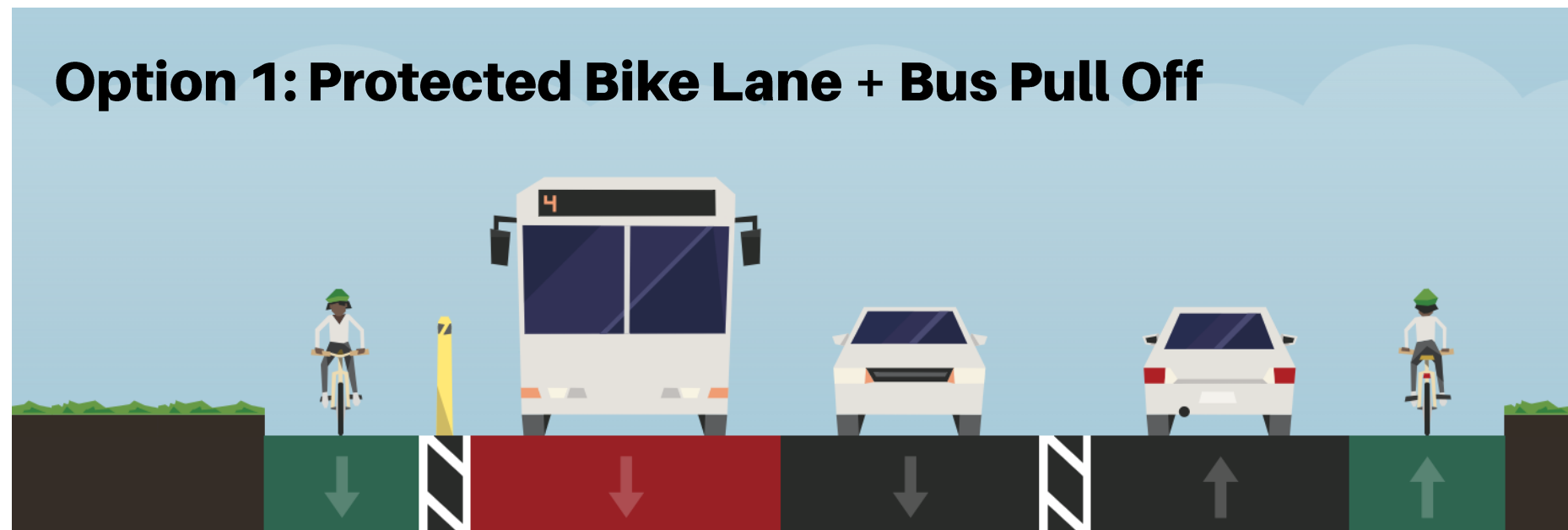
Identify improvements that enhance the day-to-day operations and safety of all roadway users and can be implemented in a short time period.



Concepts

Between Kenwood Avenue and Chinquapin Drive

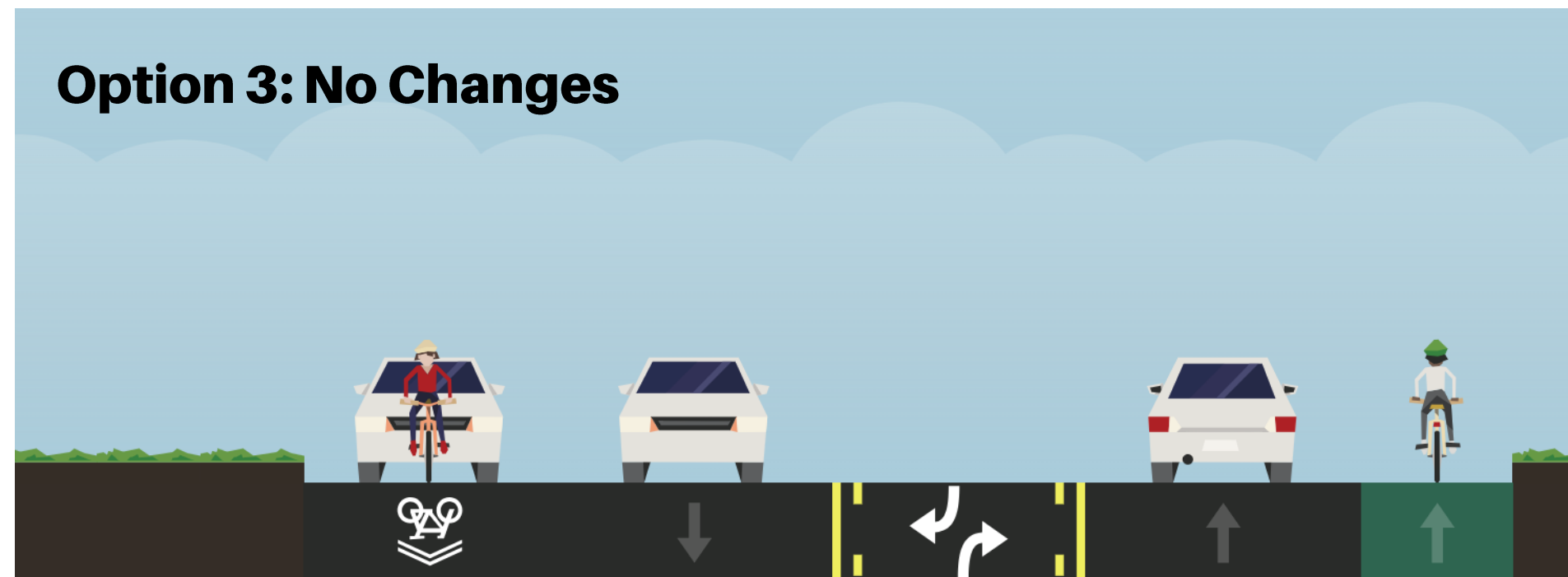
Option 1: Protected Bike Lane + Bus Pull Off



Option 2: Protected Bike Lane + Center Turn Lane



Option 3: No Changes



Additional Treatments

Radford
Street

Kenwood
Avenue

Chinquapin
Drive



High Visibility
Crosswalk



Consolidated
Bus Stops



Leading
Pedestrian
Intervals



Traffic Signal
Adjustments

Online Feedback Form



Respondents use
multiple modes of
transportation in the
study area.



80%



42%



40%



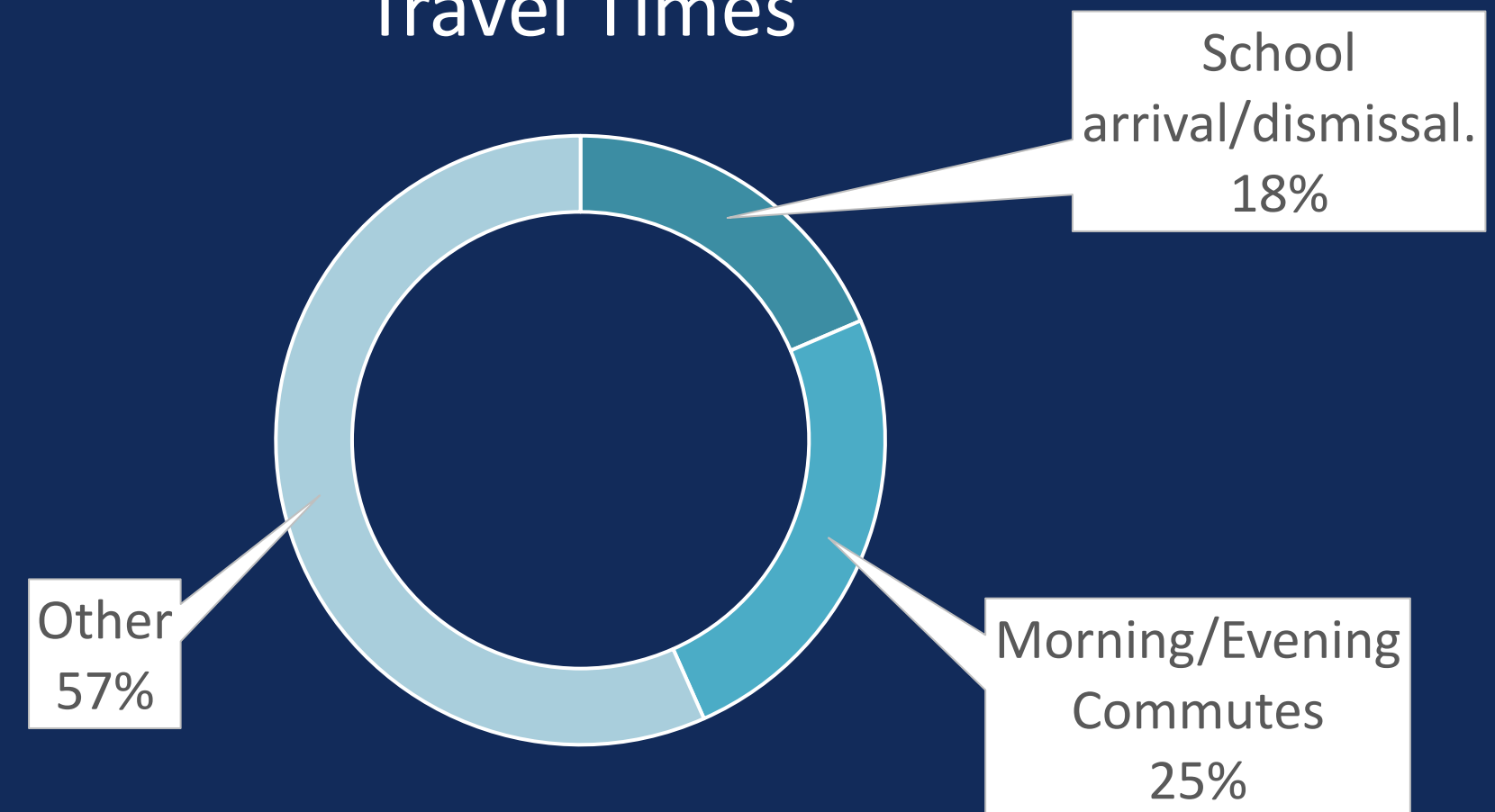
27%

114
Responses



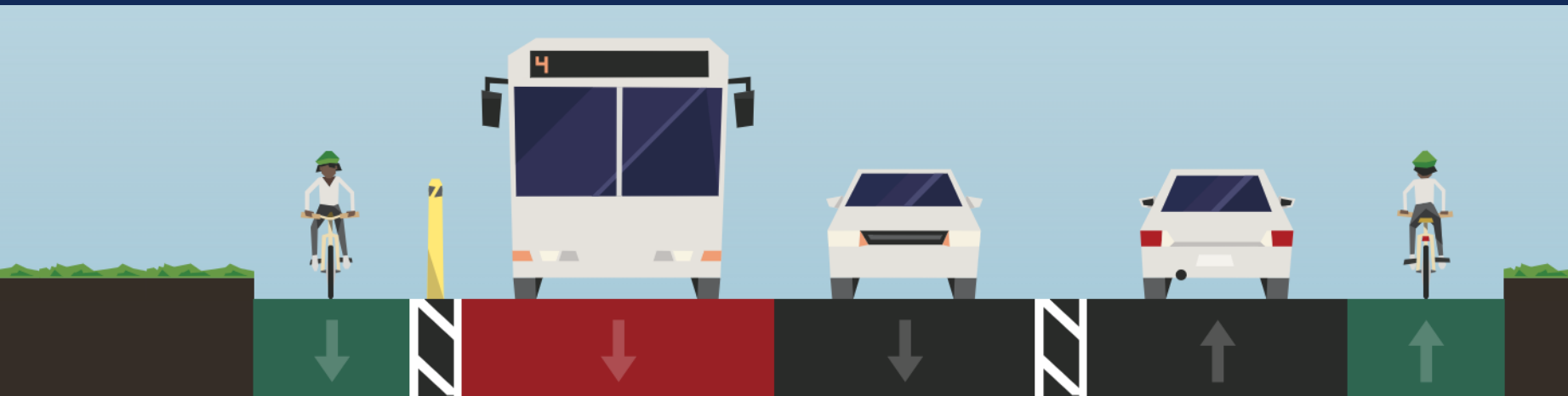
Study area is well
traveled at all times
of the day.

Travel Times



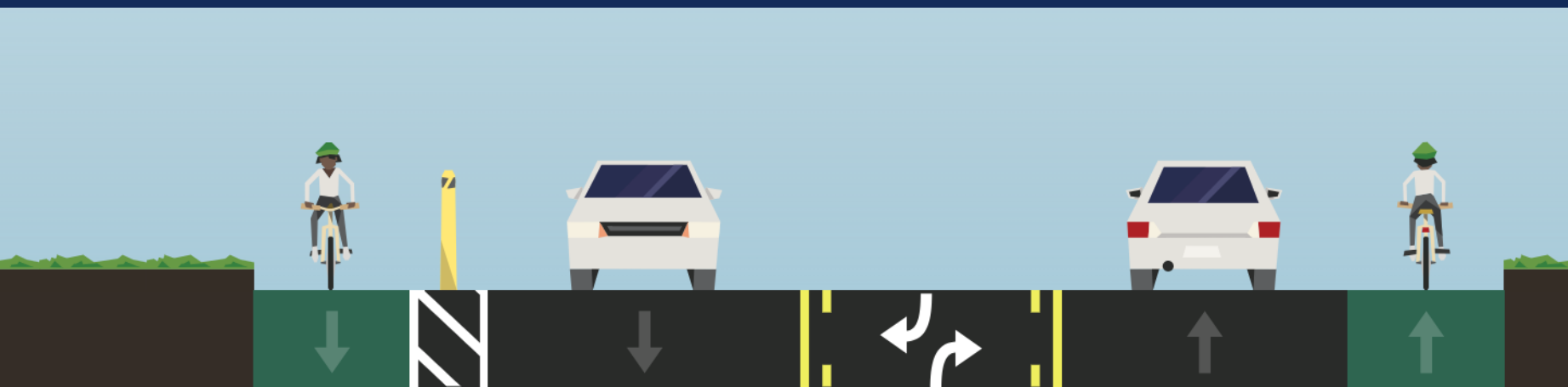
Preferred Design Feedback

Option 1: Protected Bike Lane + Bus Pull Off



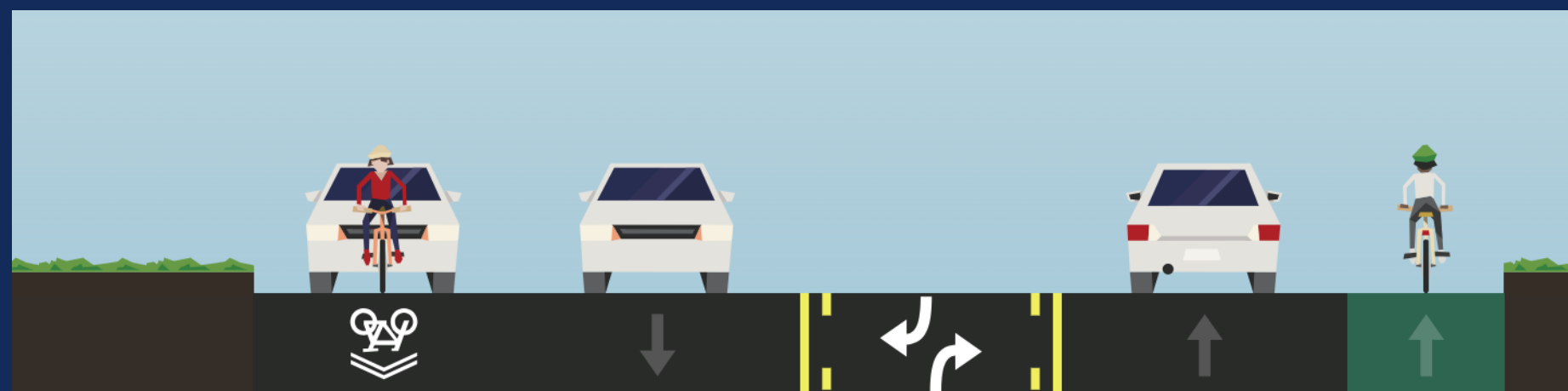
3.7 Stars ←

Option 2: Protected Bike Lane + Center Turn Lane



3.4 Stars

Option 3: No Changes



1.8 Stars

Option 1 Design Feedback

66%

Buses have a safe space to pull over and not block vehicle traffic while loading and unloading.

62%

Makes the roadway feel narrower, which encourages slower speeds.

60%

Creates a safe space for people biking or scooting

59%

Separates space for people walking, biking and scooting and those choosing to drive.

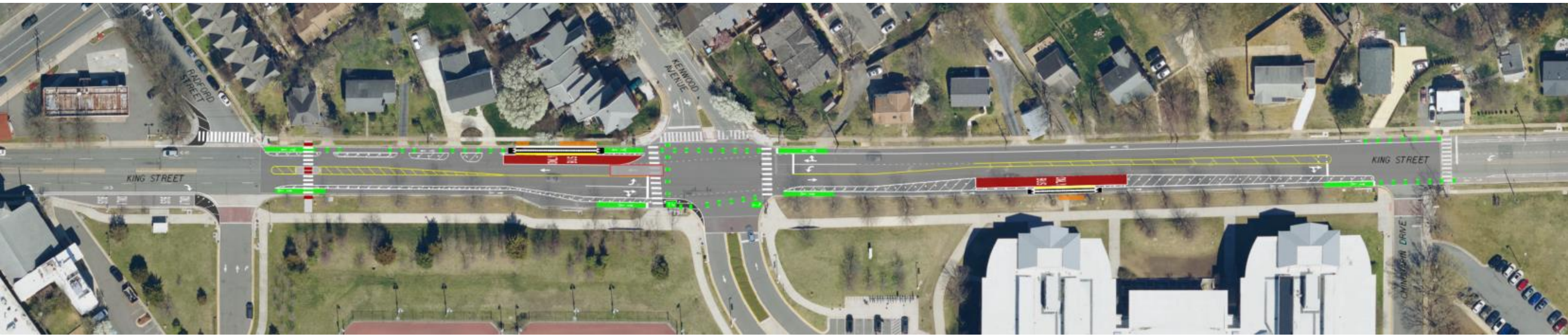
58%

Extends the current bike lanes on King Street.

57%

Prevents illegal parking at the curb.

Option 1 Overview

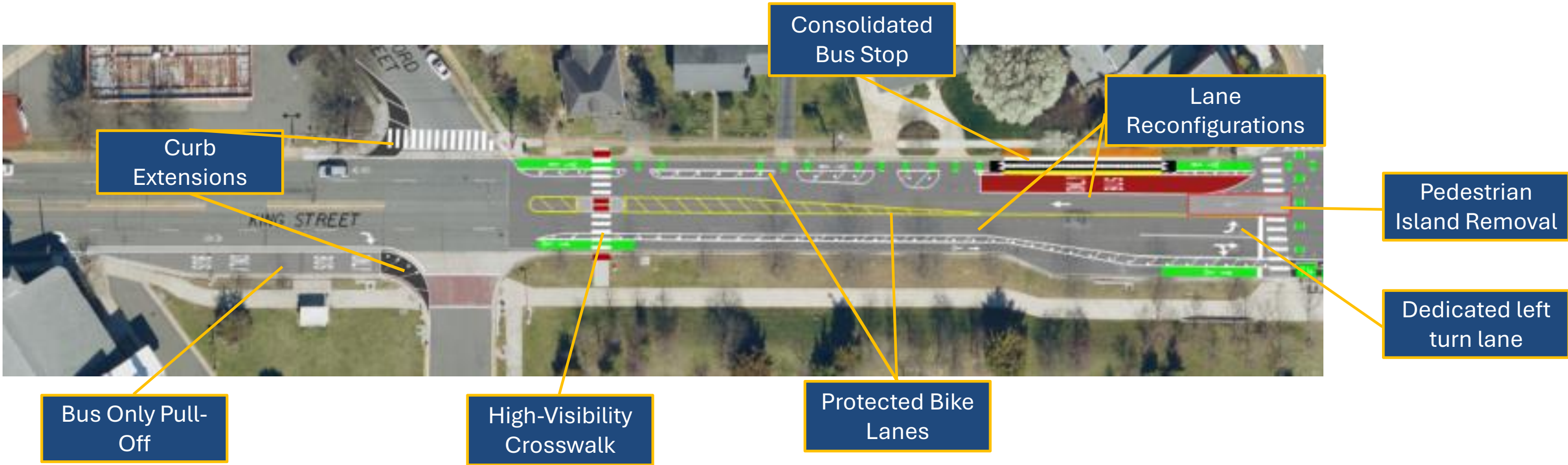


Segment 1

Segment 2

Proposed Changes

**Proposed
Conditions**

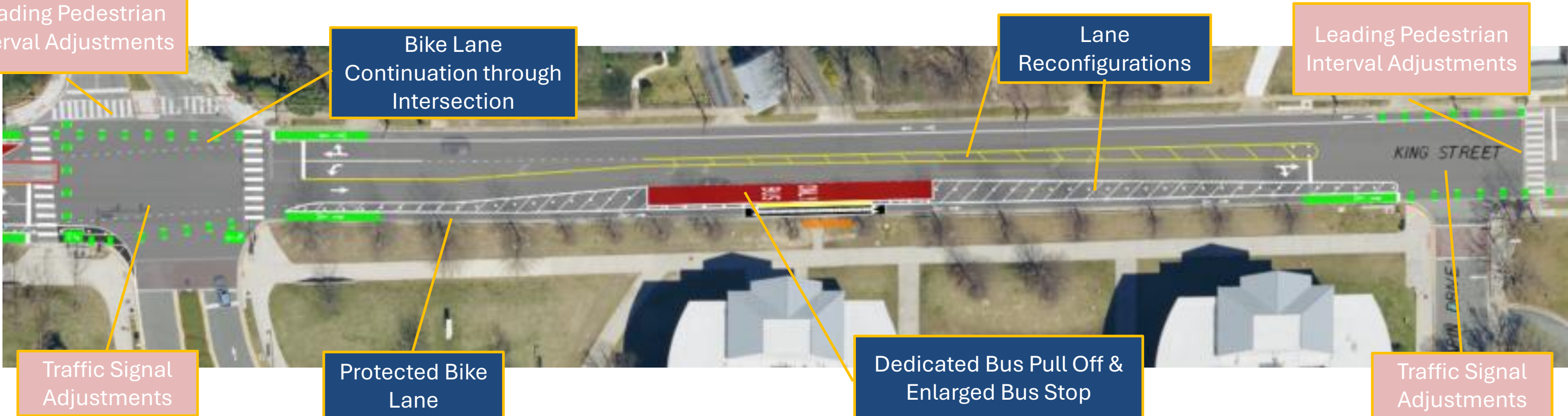


**Existing
Conditions**



Proposed Changes

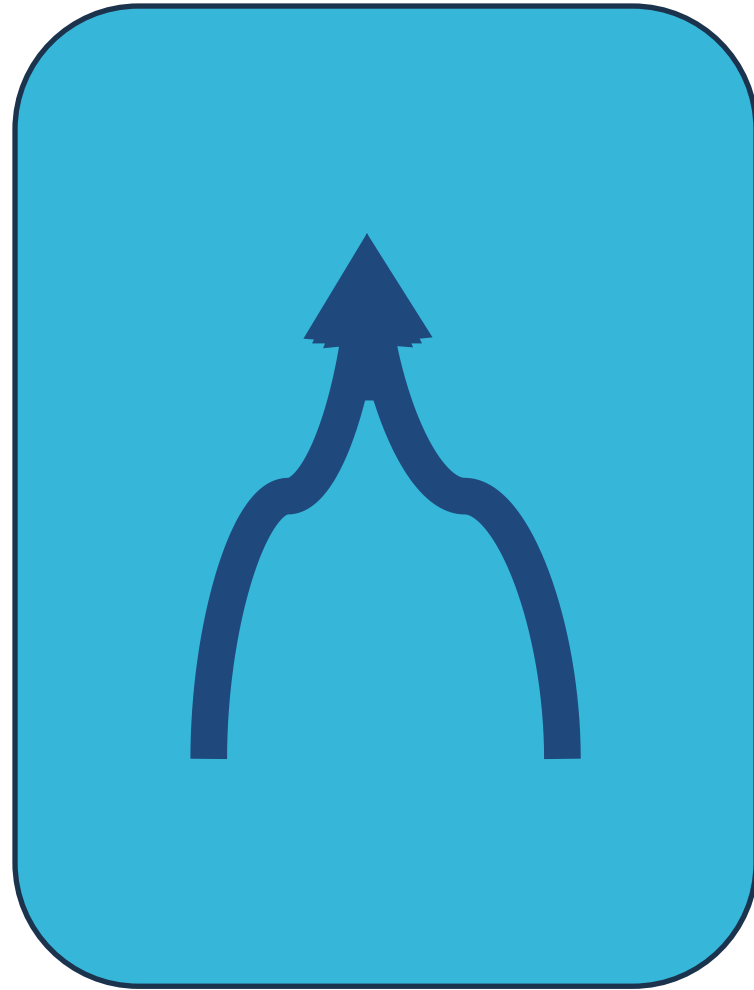
**Proposed
Conditions**



**Existing
Conditions**



Project Benefits



**Lane
Reductions**



**Enhanced
Bicycle
Infrastructure**



**Safety and
Operational
Improvements**

Upcoming Activity



Stay Informed



Visit the shared project website at:

www.alexandriava.gov/go/6530