



# Alabama Avenue SE Corridor Safety Study

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**Public Meeting #2**

# Agenda



I. Welcome

II. Project Overview

III. Concepts

IV. Comments and Feedback

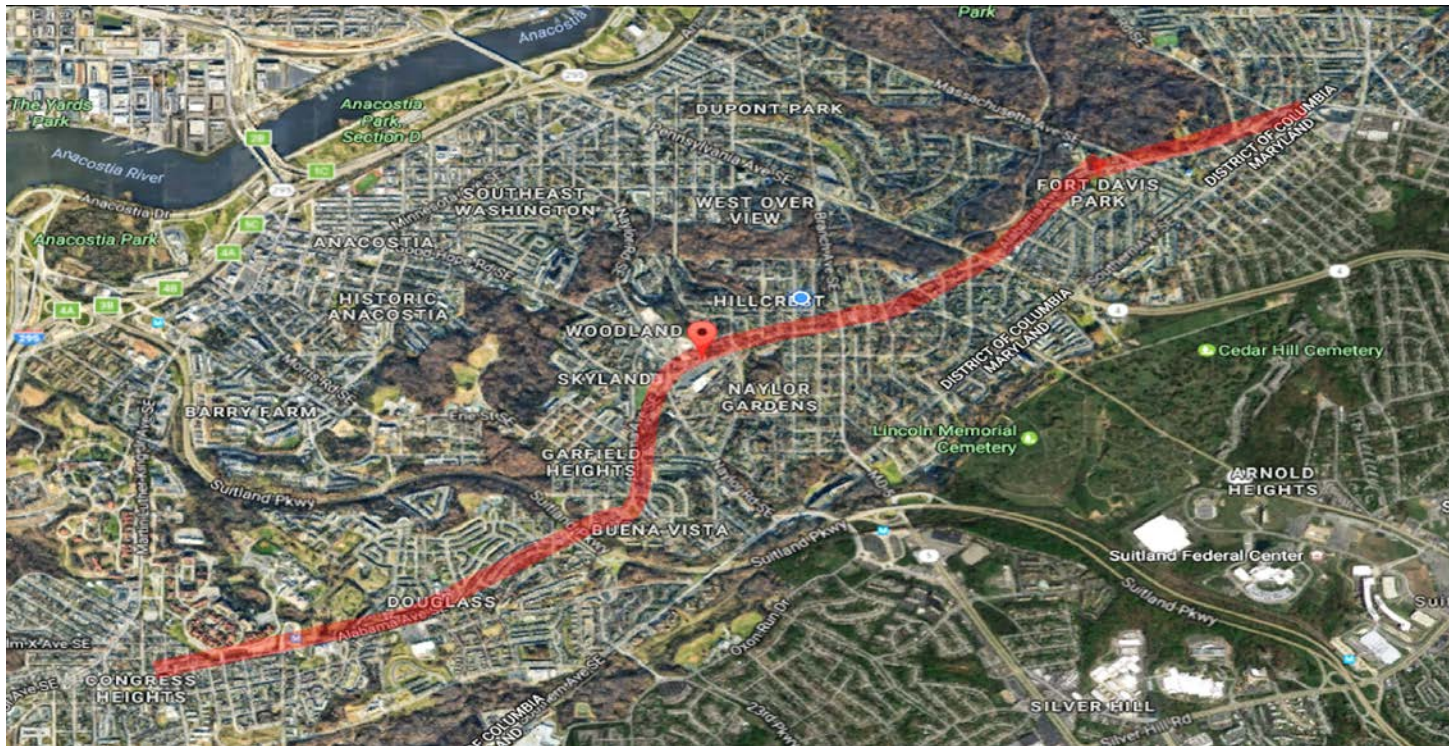
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# Project Overview



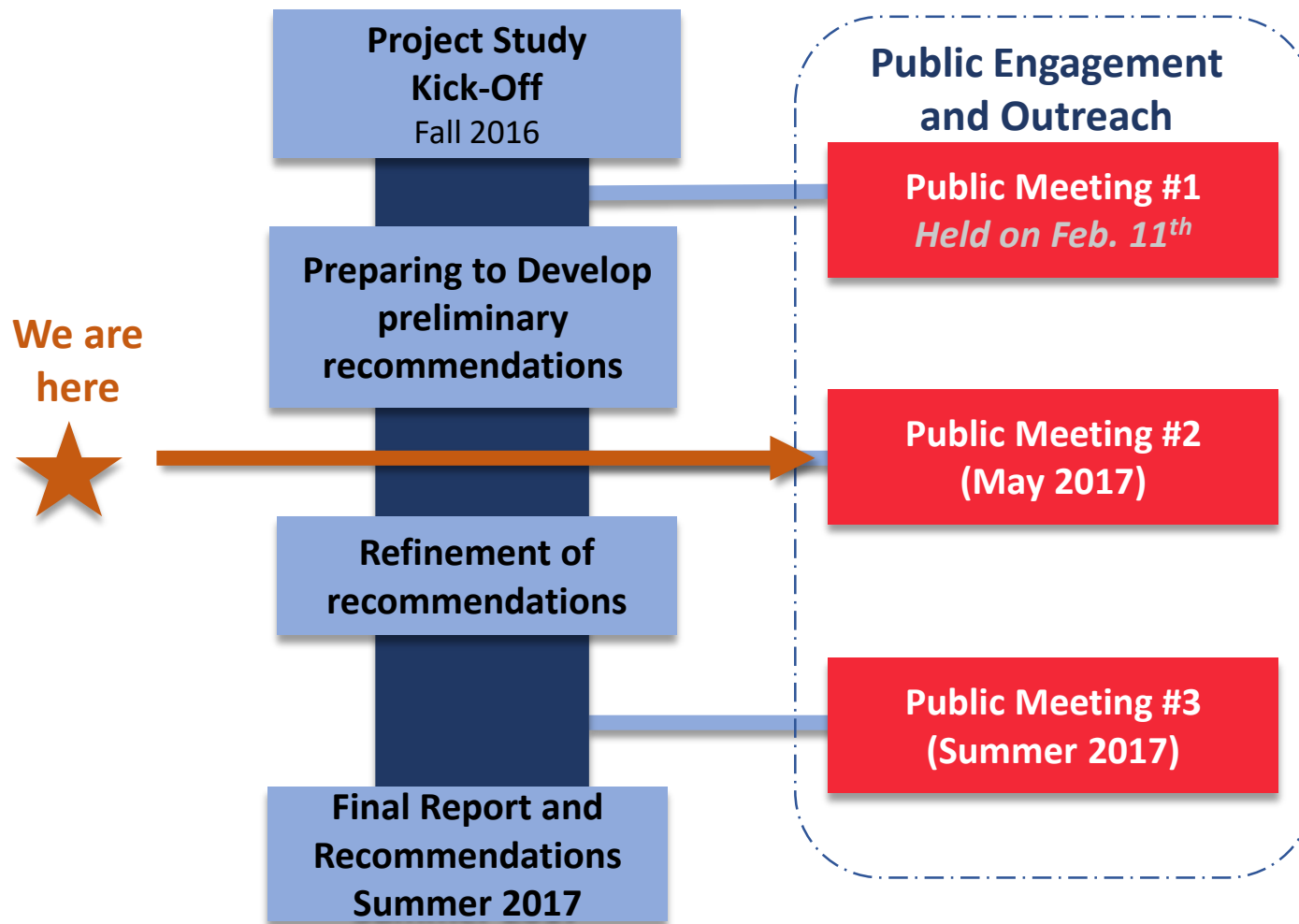
## Primary Purpose of the Study:

- Improve safety, mobility, and quality of life, for all users
- Improve overall safety along the corridor



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# Project Schedule



d.



# What We Heard

From Public Meeting #1 on Feb. 11, 2017



Concerns about:

- Traffic Safety
- **Speeding**
- Pedestrian crossings at schools, churches, community centers, and bus stops
- Congested intersections
- Timing of traffic lights



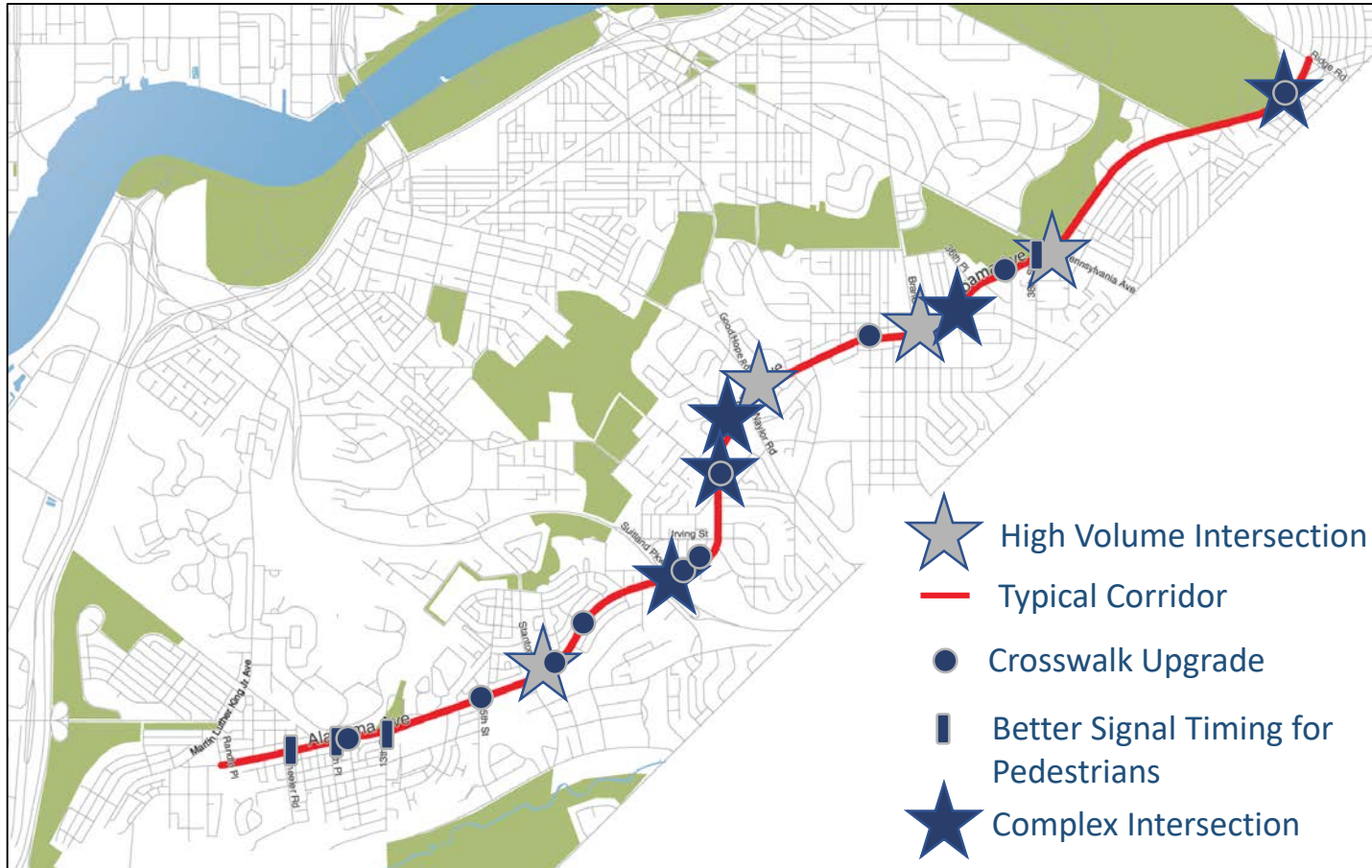
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# Preliminary Recommendations



- High Volume Intersections
- Alternative Corridor Treatments
- Crosswalk Treatments
- Leading Pedestrian Intervals
- Intersections with Complex Geometry

# Recommendations Overview





# High Volume Intersections



Good Hope Road – Skyland Development



Pennsylvania Ave – Signal Timing Analysis



Branch Avenue – Signal Timing Analysis



Stanton Road – Signal Timing Adjustments

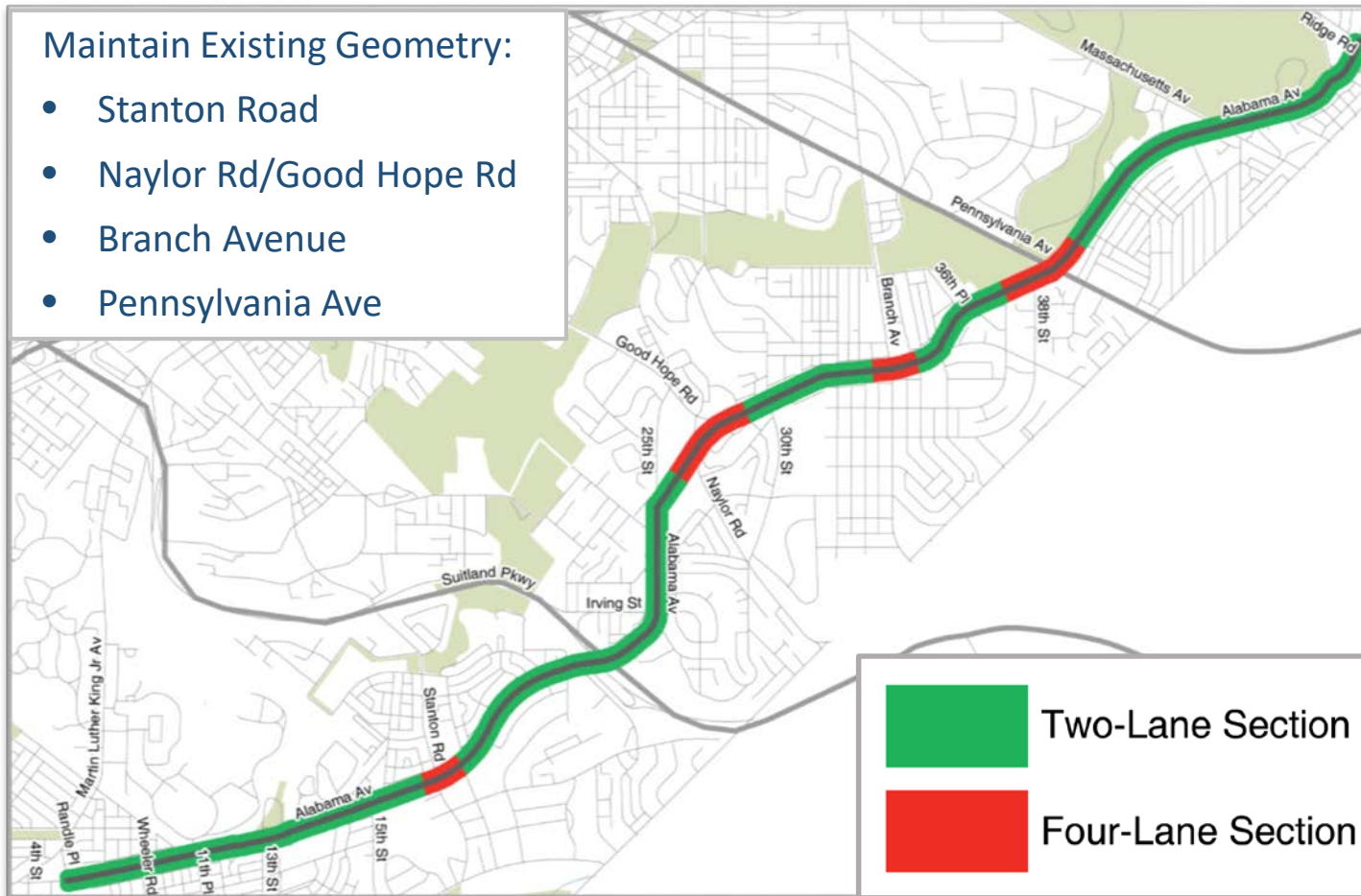


# High Volume Intersections



Maintain Existing Geometry:

- Stanton Road
- Naylor Rd/Good Hope Rd
- Branch Avenue
- Pennsylvania Ave



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# Corridor Treatments



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# Typical Intersection

## Existing Conditions



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# Alternative One

## Bike Lanes & Median

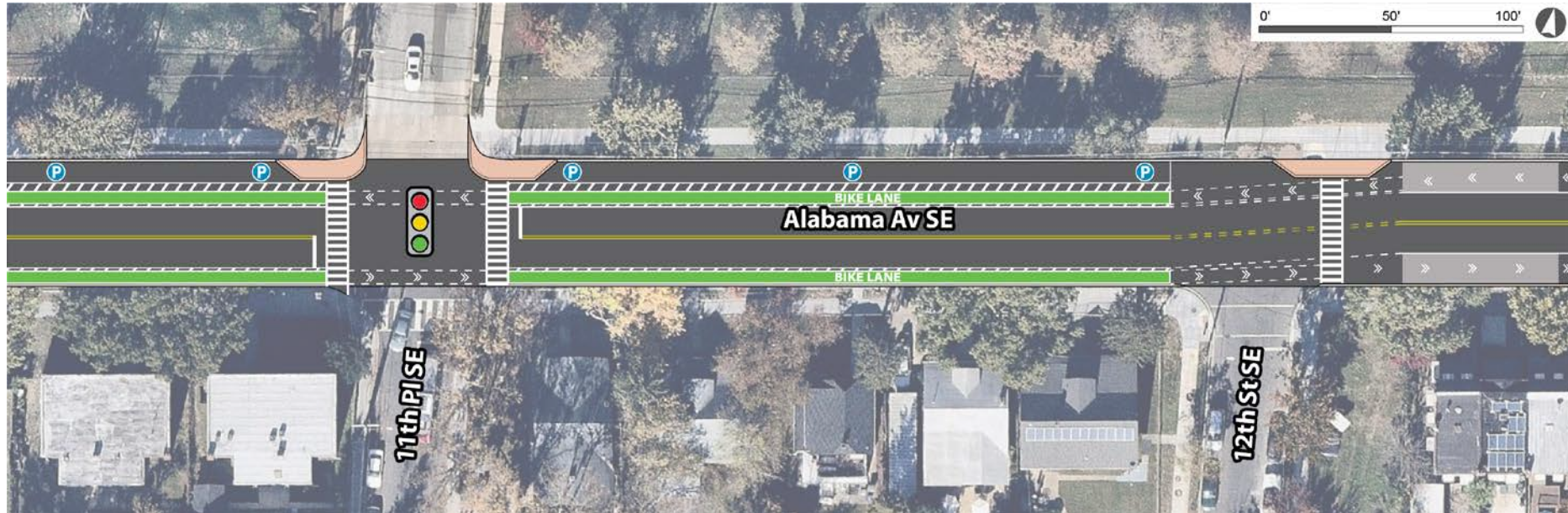


- Two travel lanes with curbside bike lanes
- Raised medians where possible
- No curb extensions or parking
- Bike/bus overlap at bus stops



# Alternative Two

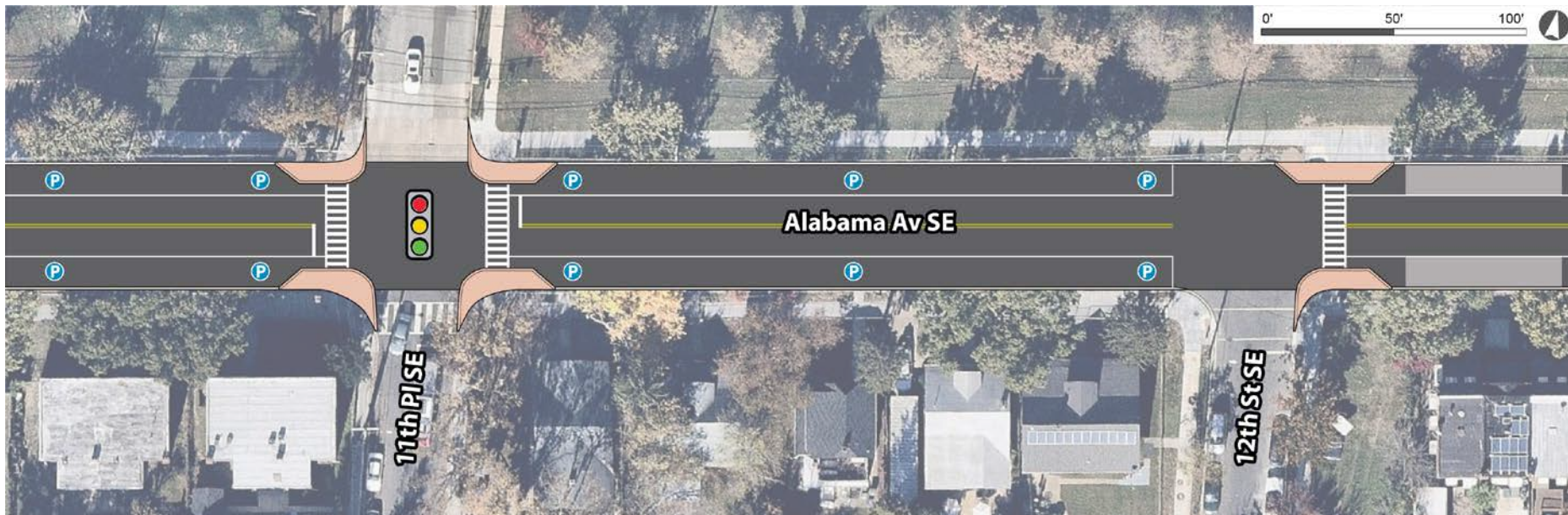
## Bike Lanes & On-Street Parking



- Two travel lanes with bike lanes
- Parking on one side of street
- Curb extensions on parking side of street
- No median

# Alternative Three

## On-Street Parking & Curb Extensions



- Two travel lanes with parking on both sides of the street
- Curb extensions at intersections
- Shorter crosswalks
- No bicycle facilities

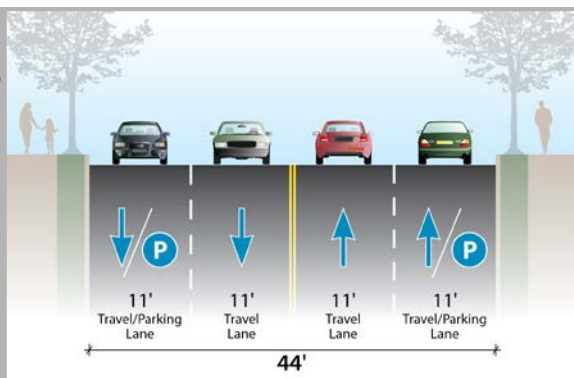


# Comparison of Alternatives

## Mid-Block Cross Sections

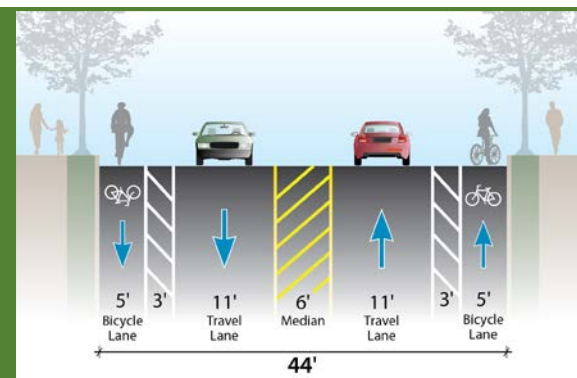


Existing



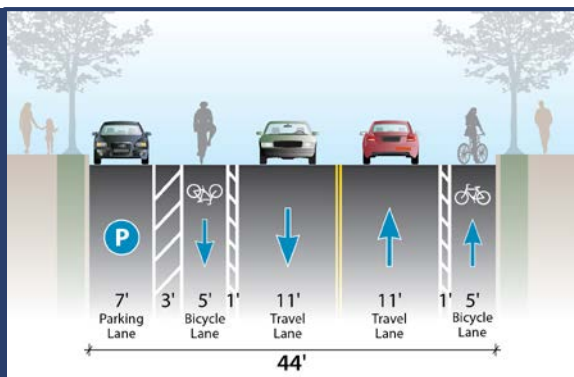
Current conditions

Alt. 1



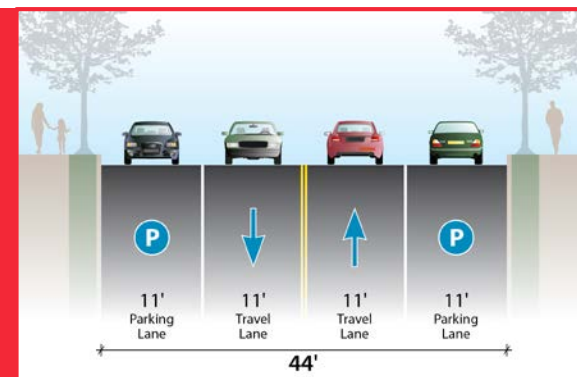
Bike lanes with center median

Alt. 2



Bike lanes with parking on one side of street

Alt. 3



On street parking with neckdowns

# Crosswalk Treatments



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# Crosswalk Upgrades

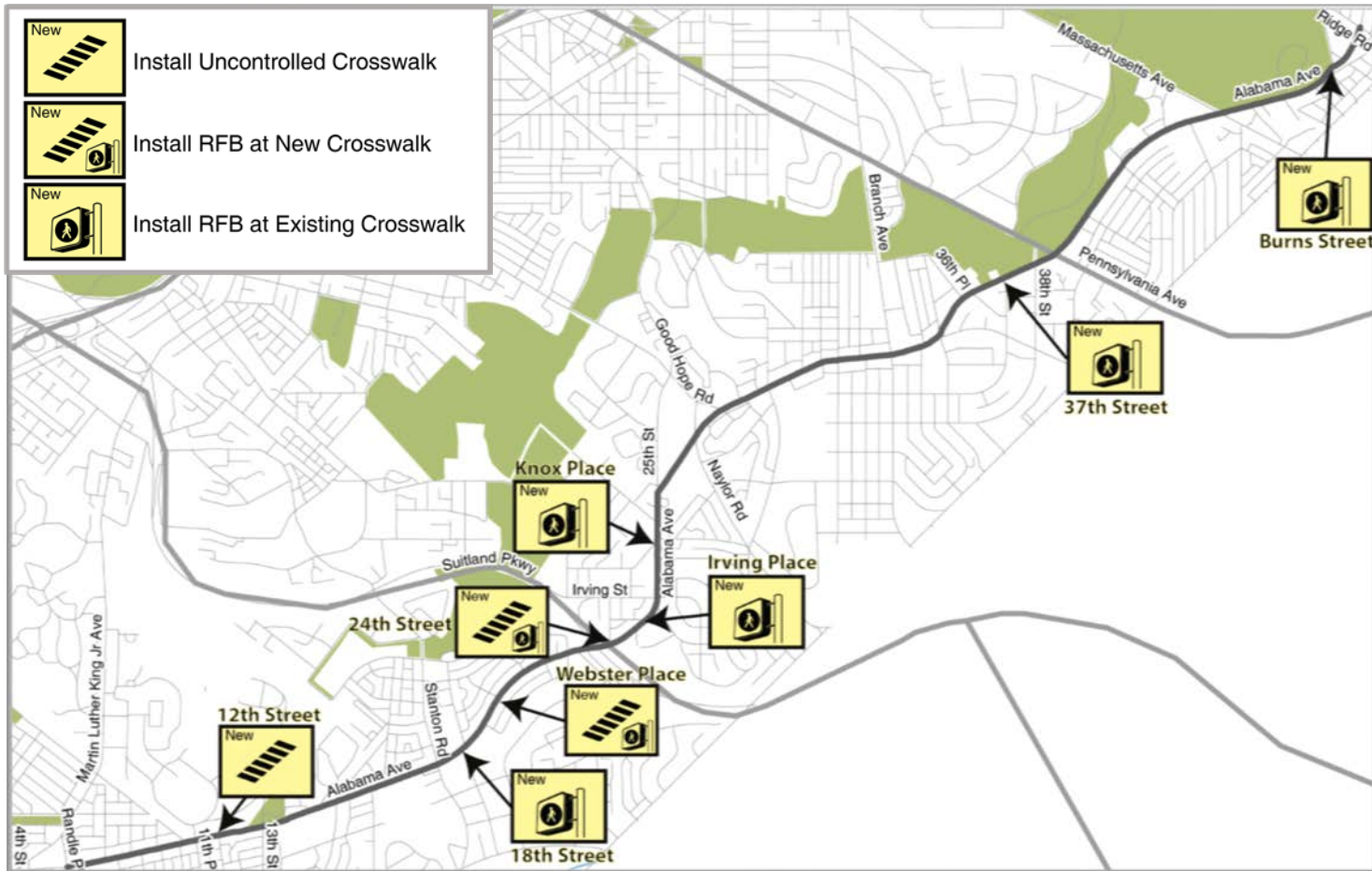
## Rapid Flashing Beacon



- The Rapid Flash Beacon is a device that combines flashing beacons and pedestrian warning signs.
- When activated by pedestrians, it provides a high-visibility strobe-like warning to drivers



# Crosswalk Upgrades



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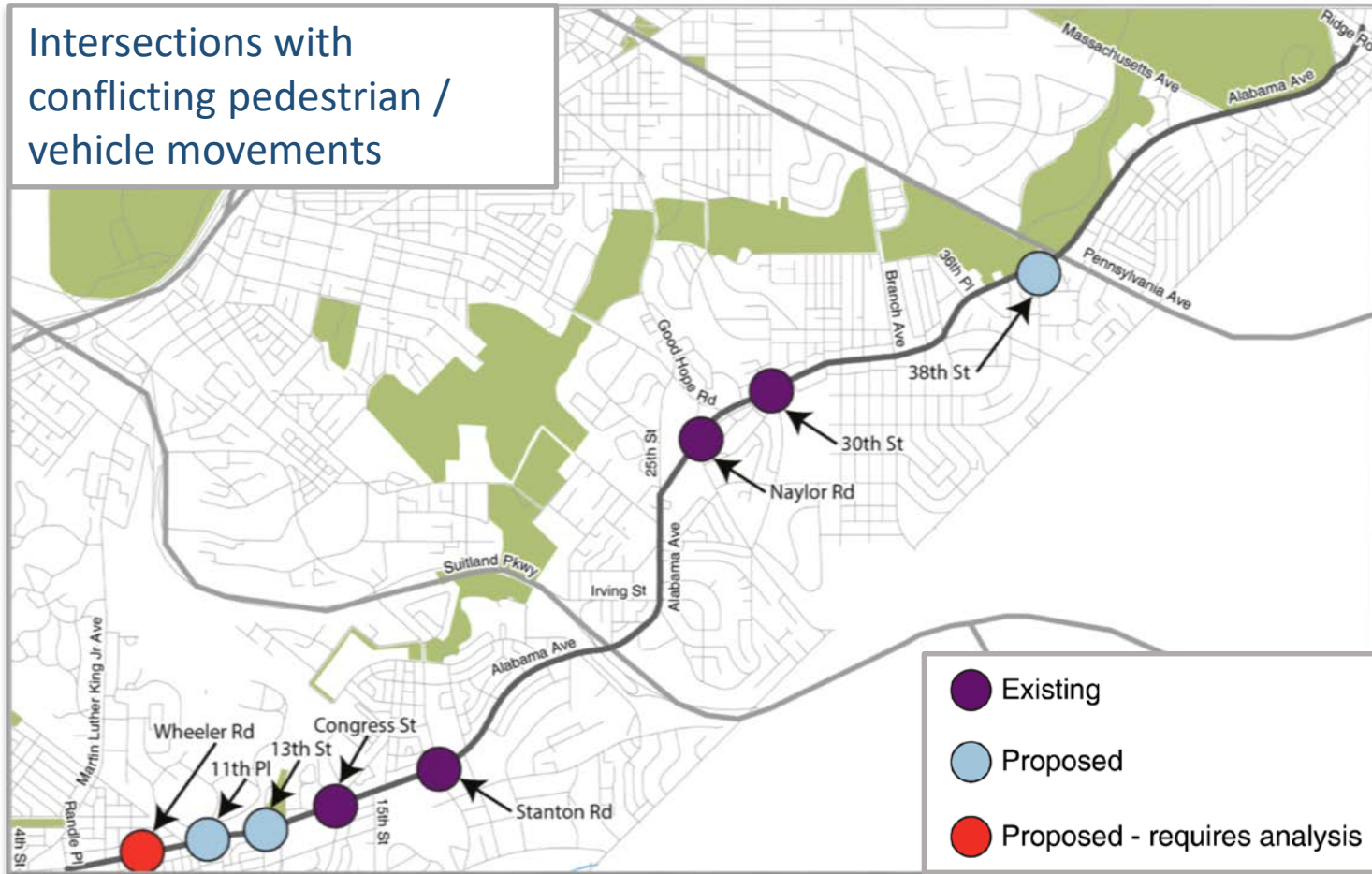
# Leading Pedestrian Intervals

- Allows the 'walk' signal for pedestrians to appear at least three seconds before the green signal for drivers
- No right turns on red
- Because pedestrians start to cross before cars begin moving, they are already well into the crosswalk when signal changes to green

# Leading Pedestrian Intervals



Intersections with  
conflicting pedestrian /  
vehicle movements



d.



# Complex Intersections



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# Alabama Avenue at Suitland Parkway & 24<sup>th</sup> Street SE

## Existing Conditions



- High-speed turns
- No crosswalk across Alabama Ave at 24<sup>th</sup> Street



# Alabama Avenue at Suitland Parkway & 24<sup>th</sup> Street SE Recommendation

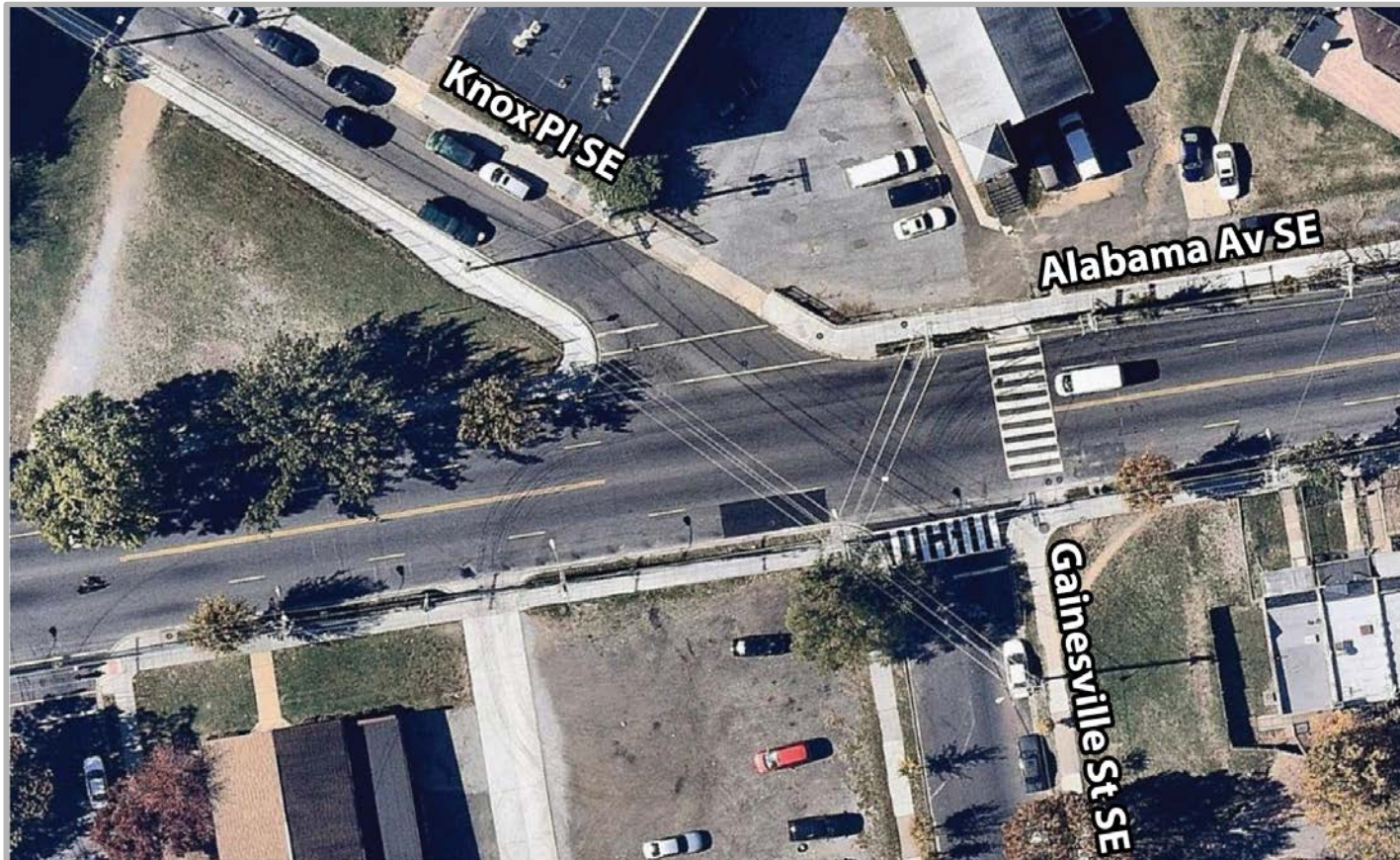


- Curb extensions to slow turns, shorten crossings, and increase pedestrian space
- New crosswalk across Alabama Ave at 24<sup>th</sup> Street



# Alabama Avenue at Knox Place SE

## Existing Conditions



- High-speed right-turn from Alabama Ave to Knox Place
- Long pedestrian crossing



# Alabama Avenue at Knox Place SE

## Alternative One



- Tightens right-turn to slow traffic
- Adds pedestrian refuge island and bike lanes

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# Alabama Avenue at Knox Place SE

## Alternative Two

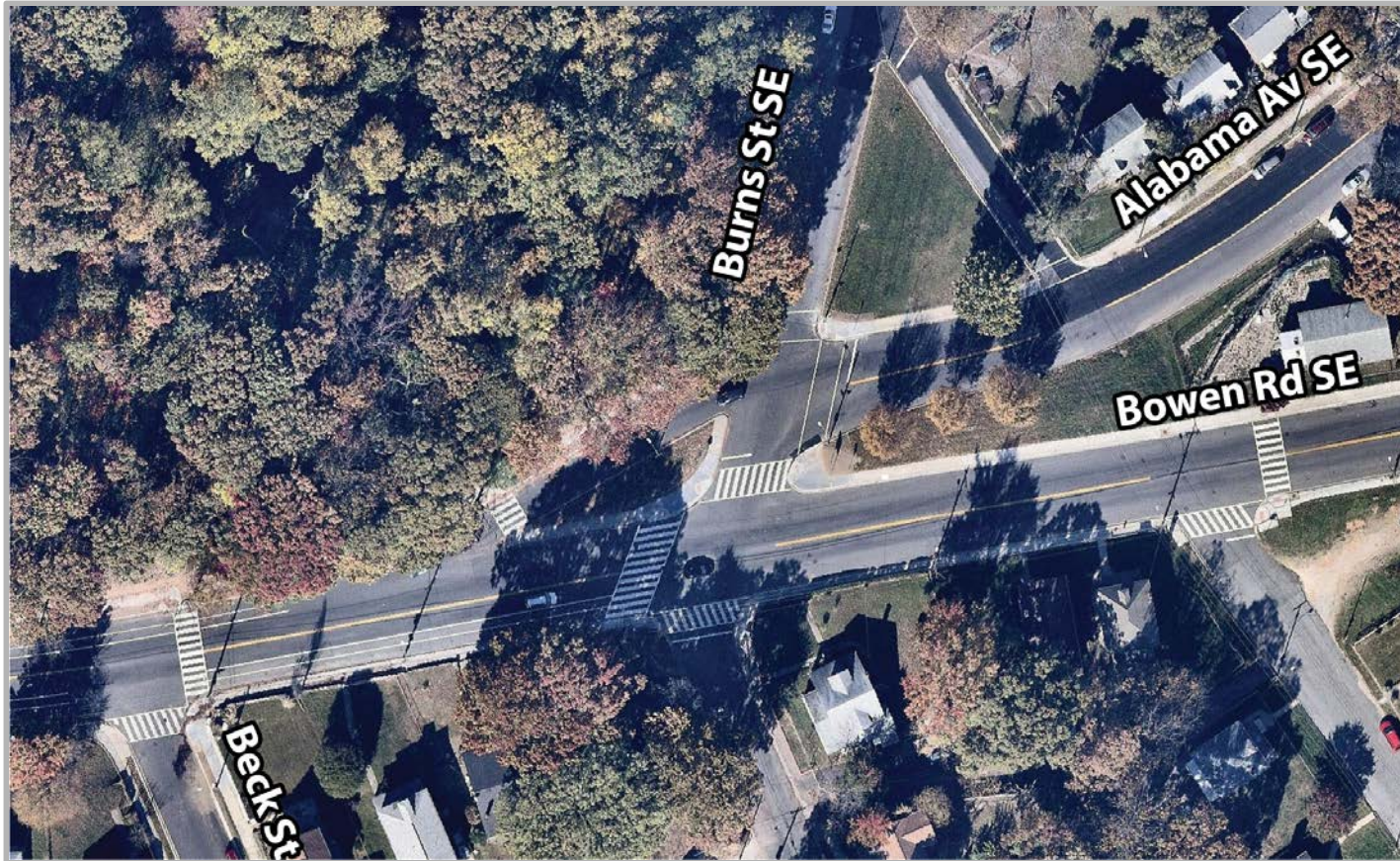


- Tightens right-turn to slow traffic
- Adds curb extensions

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# Alabama Avenue at Burns Street, Stanley Street & Bowen Road SE Existing Conditions

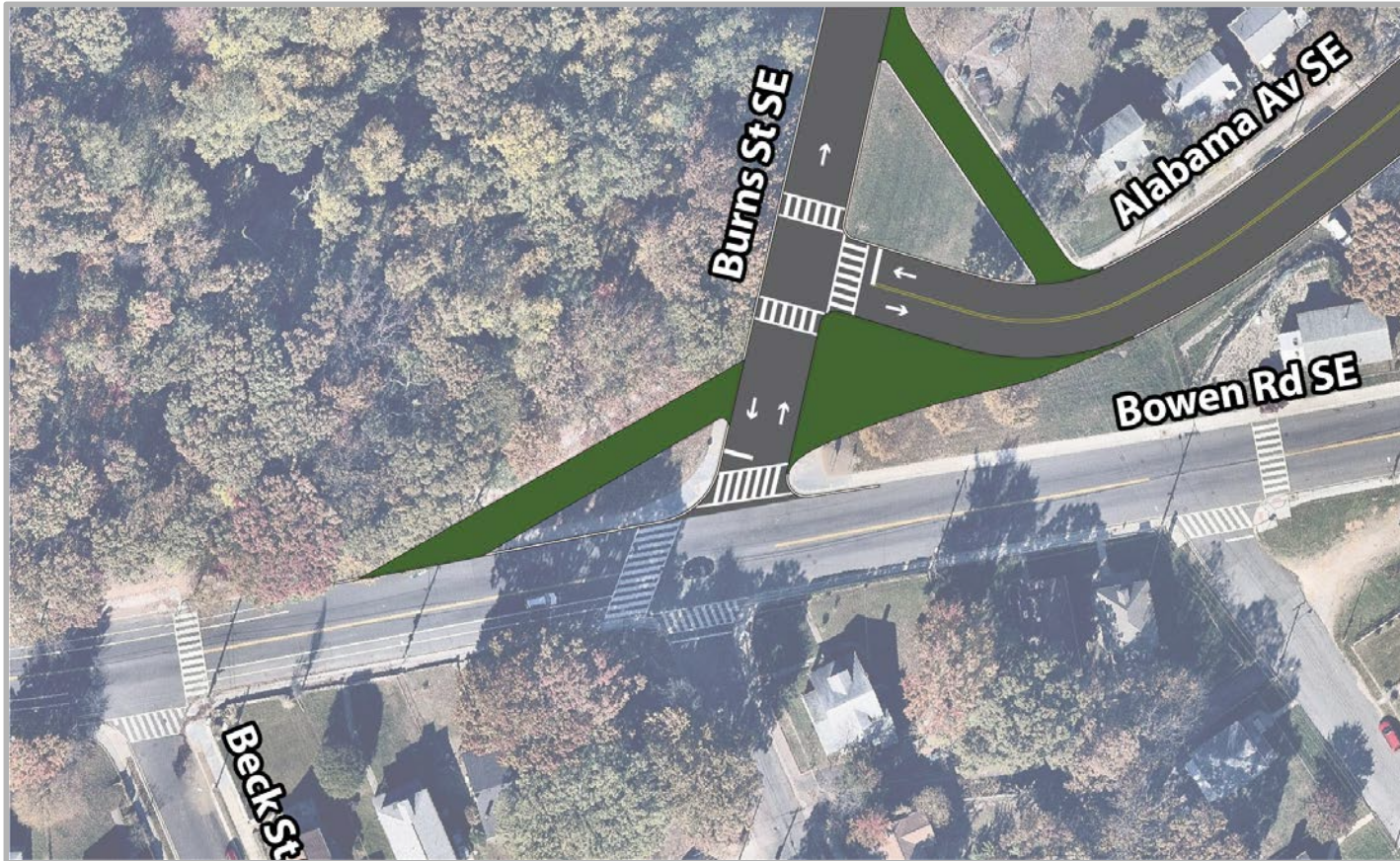


- Confusing navigation for drivers and unclear right-of-way

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# Alabama Avenue at Burns Street, Stanley Street & Bowen Road SE Recommendation



- Closes unnecessary intersection legs to decrease confusion

d.



# Alabama Avenue at Suitland Road & 36<sup>th</sup> Street SE

## Existing Conditions



- Confusing navigation for drivers and unclear right-of-way
- Long pedestrian crossings and missing crosswalk

# Alabama Avenue at Suitland Road & 36<sup>th</sup> Street SE

Right-In, Right-Out Only for 36<sup>th</sup> Street



- Safer and shorter pedestrian crossings and new crosswalk across Alabama Avenue
- Right-in right-out only at 36<sup>th</sup> Street simplifies intersection for drivers



# Alabama Avenue at 25<sup>th</sup> Street SE

## Existing Conditions



- High-volume turns, uncontrolled crosswalk
- No crosswalk across Alabama Ave on south leg
- Schools in immediate area



# Alabama Avenue at 25<sup>th</sup> Street SE

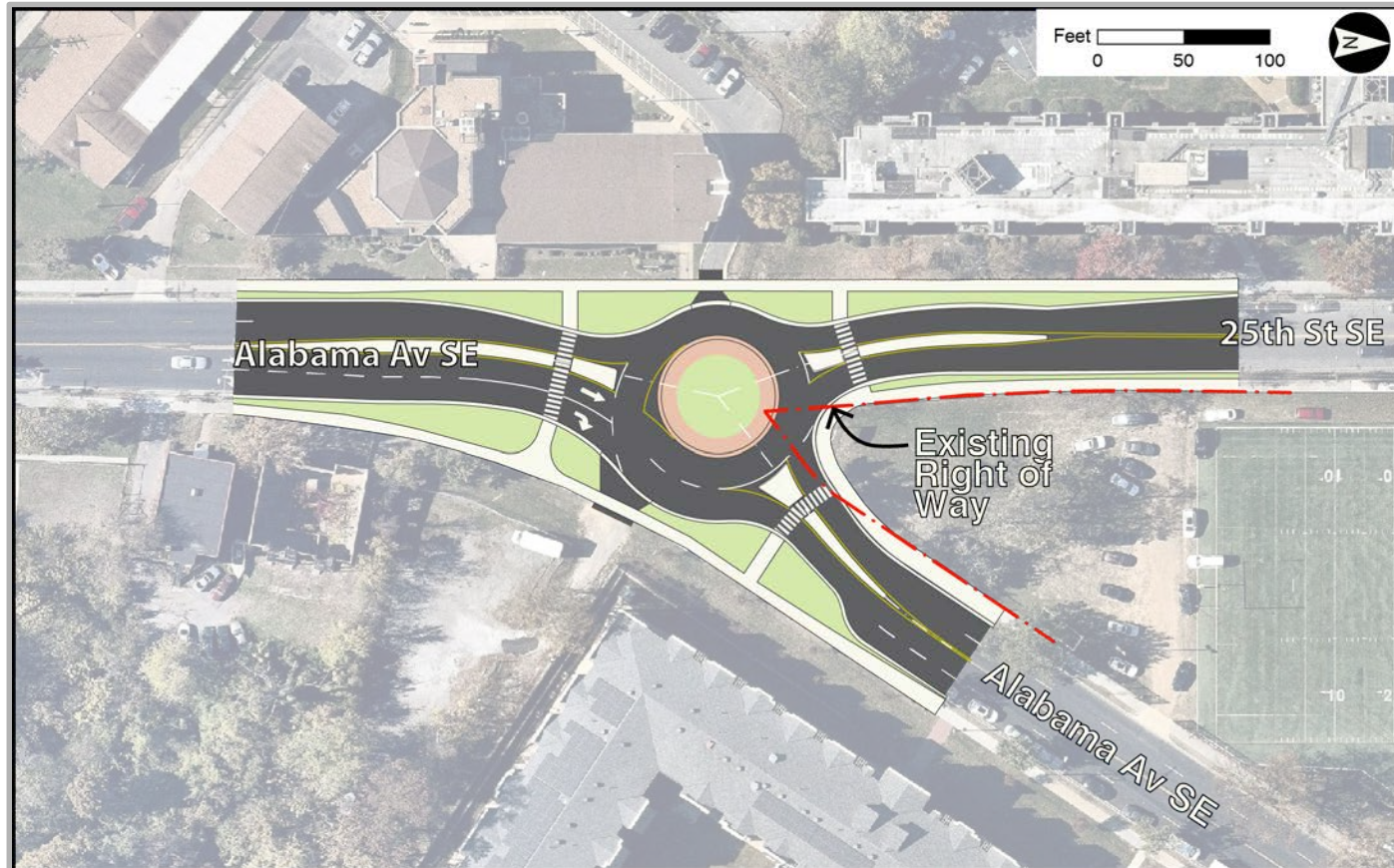
## Alternative One: Redesign High-Speed Right Turn



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# Alabama Avenue at 25<sup>th</sup> Street SE

## Alternative Two: Roundabout



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# Let us know what you think



- Alternative Concept Boards
- Roll Map
- Comment Table

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# Moving Forward



## Next Steps

- Refine preliminary recommendations based on community input
- Collect additional information and data
- Coordinate with ANC Commissioners and other stakeholders
- Continue to update project website:  
[www.alabamaavenuesestudy.com](http://www.alabamaavenuesestudy.com)

# Project Schedule



## CONTACT

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