

Welcome

Montgomery County Department of Transportation

Shady Grove Road Vision Zero Pedestrian and Bicycle Improvements

Virtual Public Meeting

November 6, 2023

We will begin shortly. The Public Meeting will be recorded.



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Department of Transportation

Welcome

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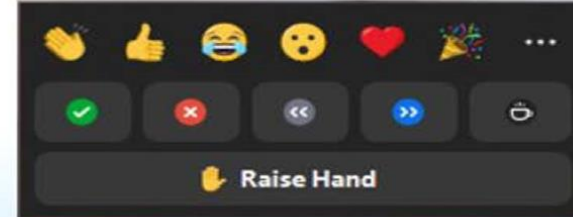
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Zoom Meeting Controls



- All microphones have been muted and cameras turned off.
- To reduce the bandwidth of tonight's meeting, please do not turn on your video camera.
- Following tonight's presentation, there will be a Question-and-Answer session if time allows. Please wait until the presentation ends to raise your hand to ask a question. Alternatively, you may type your question into the chat box throughout tonight's presentation.
- To raise your hand following the presentation, please click on the "Reactions" icon at the bottom of your screen, and then click "Raise Hand."
- If you called into tonight's meeting via telephone, press *9 to raise your hand and *6 to unmute yourself.



Meeting Agenda

1. Background Information
2. Strategies to Improve Pedestrian and Bicycle Safety
3. Overview of GIS Map
4. Presentation of Preliminary Design Concepts
5. Question and Answer Session



Project Team

Montgomery County Department of Transportation

- Cameron McAllister – Planning Specialist, Project Manager
Cameron.McAllister@montgomerycountymd.gov
- Dan Sheridan – Chief, Transportation Planning & Design
Daniel.Sheridan@montgomerycountymd.gov

Engineering Consultants:

- Mercado Consultants, Inc.
- Toole Design Group



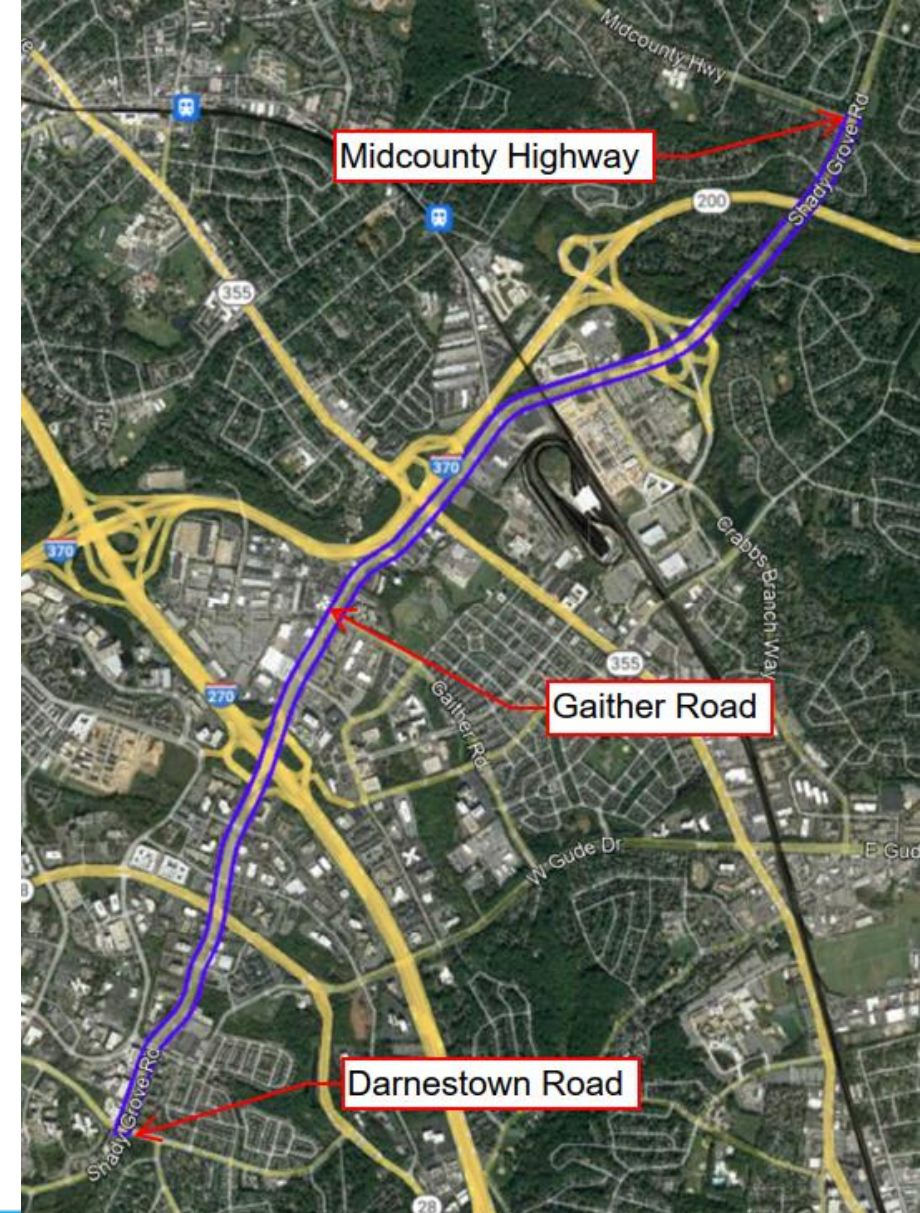
Introduction

The purpose of this concept study is to improve pedestrian and bicycle safety along Shady Grove Road as part of the County's Vision Zero Plan.

The project limits extend from Darnestown Road to Midcounty Highway.

The segment we will be looking at today begins at Darnestown Road and extends to Gaither Road.

This project has not yet been funded for construction and our purpose today is to gather community feedback on the proposed concept.



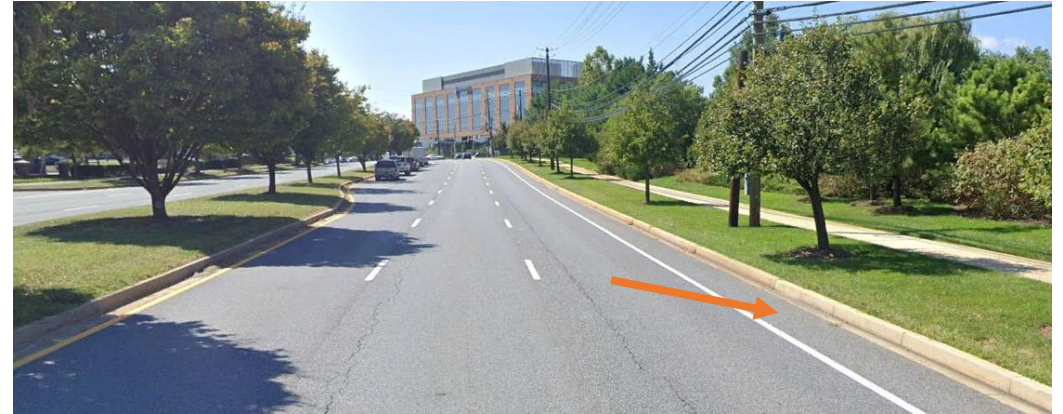
Definitions

- **Breezeway Network:** A high-capacity network of arterial bikeways between major activity centers, enabling bicyclists to travel with fewer delays, and where all users – including slower moving bicyclists and pedestrians – can safely and comfortably coexist.
- **Shared Use Path:** Facility located outside of the road paved surface that provide two-way travel for people walking, bicycling and using other non-motorized modes.
- **Buffer:** Space between vehicular traffic and pedestrian/bicyclist facility.
- **Right-of-Way:** Land owned by MCDOT used for transportation facilities.
- **Vision Zero:** Montgomery County's goal for zero pedestrian and bicyclist fatalities by 2030.



Strategies to Implement on Shady Grove Road

- Overall goal is to reduce conflict points between drivers and pedestrians / cyclists
- Move on-street bicycle facilities to shared use path
- Widen existing sidewalk to accommodate both pedestrians and bicyclists



Project Background Information

- Montgomery County Vision Zero Program
 - Bicycle Stress Level has been identified as high
- Improve pedestrian and bicycle safety along Shady Grove Road
- Evaluate existing:
 - Lane configurations
 - Signing
 - Pavement markings
 - Adjacent paths
 - Right-of-Way limitations
 - Utilities



Strategies to Implement on Shady Grove Road

- Decrease curb radii and add truck aprons at corners to slow turning drivers
- Extend median nose to provide a pedestrian refuge at crosswalks
- Reduce lane widths to 10' (inside lanes) or 11' (curb lanes)



Overview of GIS Map for Comments

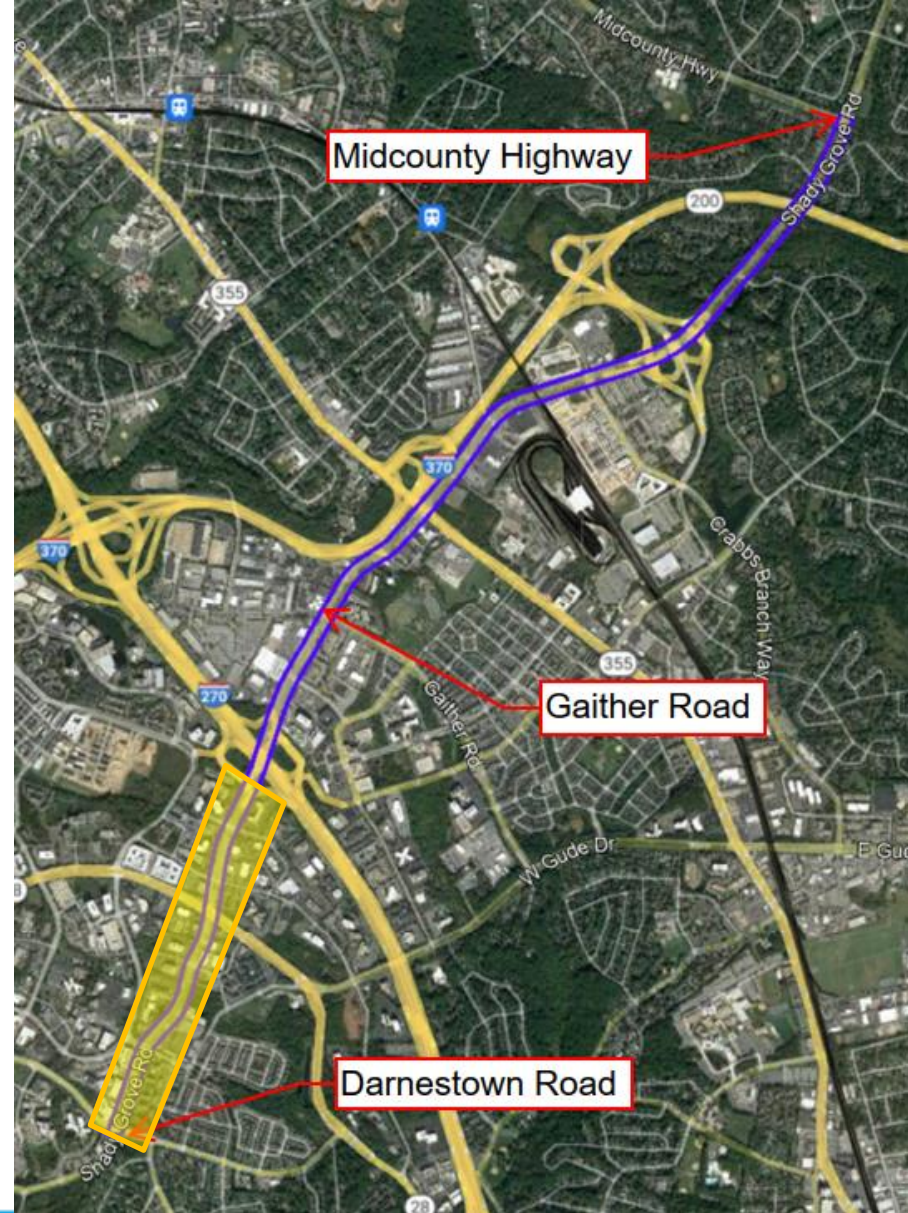
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Segment 1

Darnestown Road to I-270



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Segment 1: Southbound Existing

- 3 – 11' wide lanes
- 5' on-road bike facility
- Sidewalk ranging from 5' wide to 8'



Segment 1: Southbound Proposed

- 3 – 11' wide lanes
- 5' grass buffer
- 10' shared use path



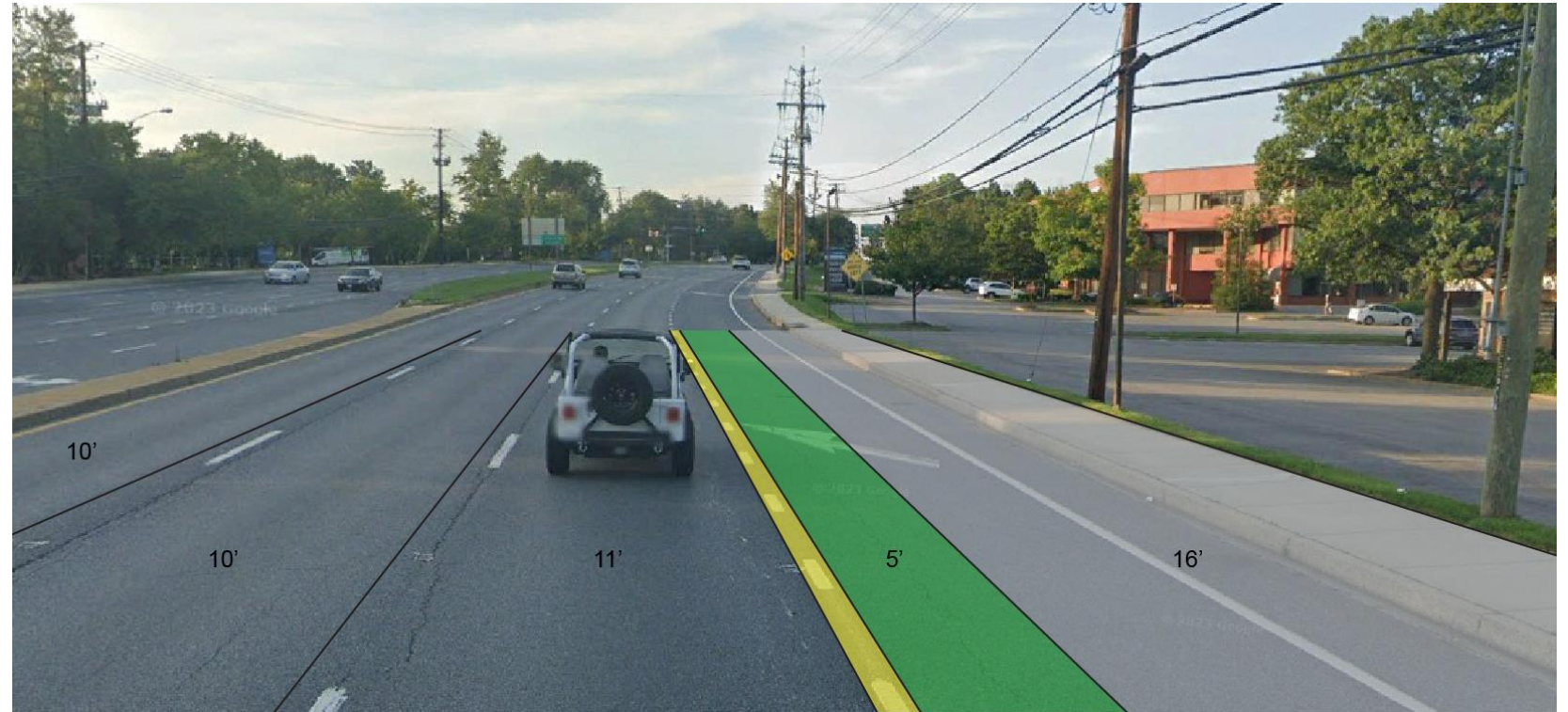
Segment 1: Northbound Existing

- 3 – 11' wide lanes
- 5' on-road bike facility
- Merge lanes on NB that cause bottlenecks



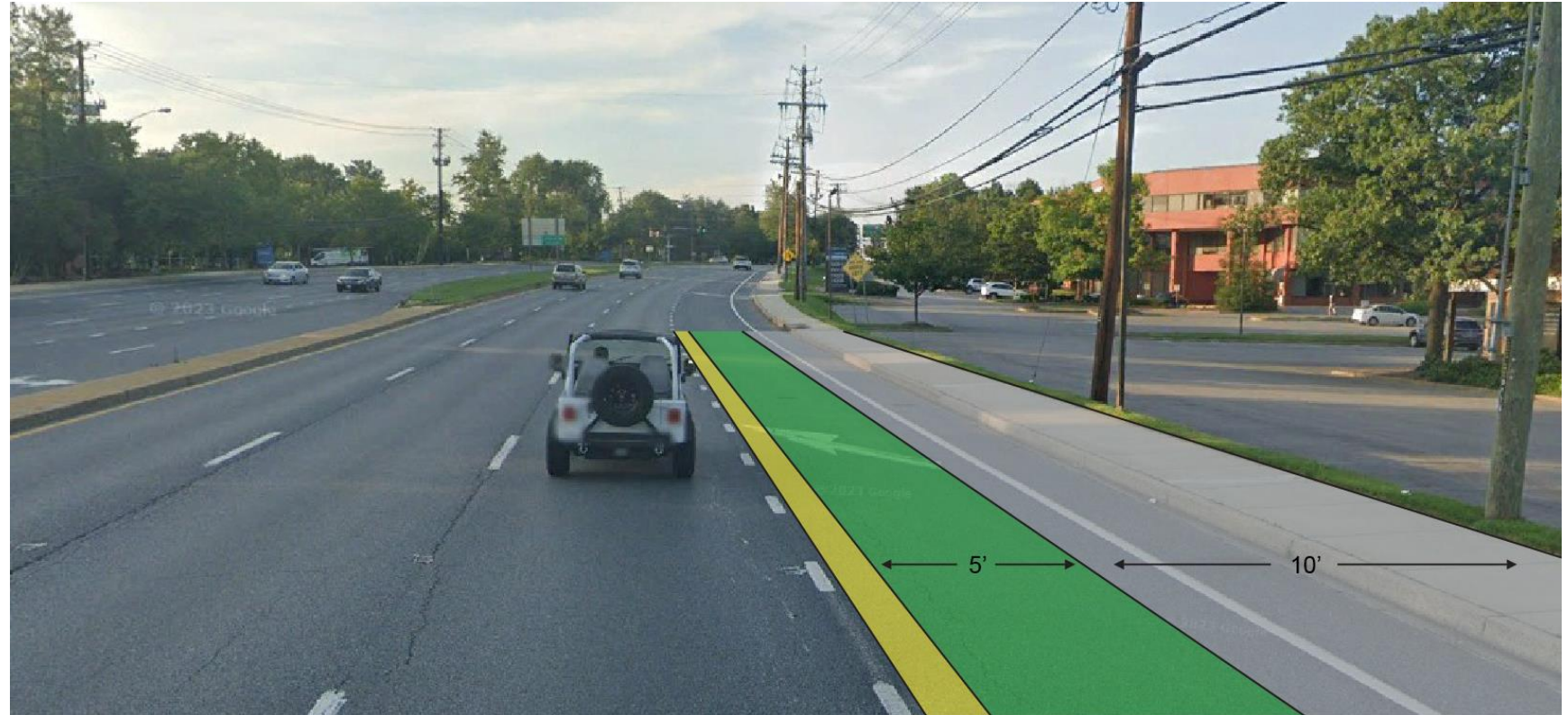
Segment 1: Northbound Proposed Option 1

- Lower lane widths to 10' except outside lane
- 5' grass buffer
- 16' breezeway

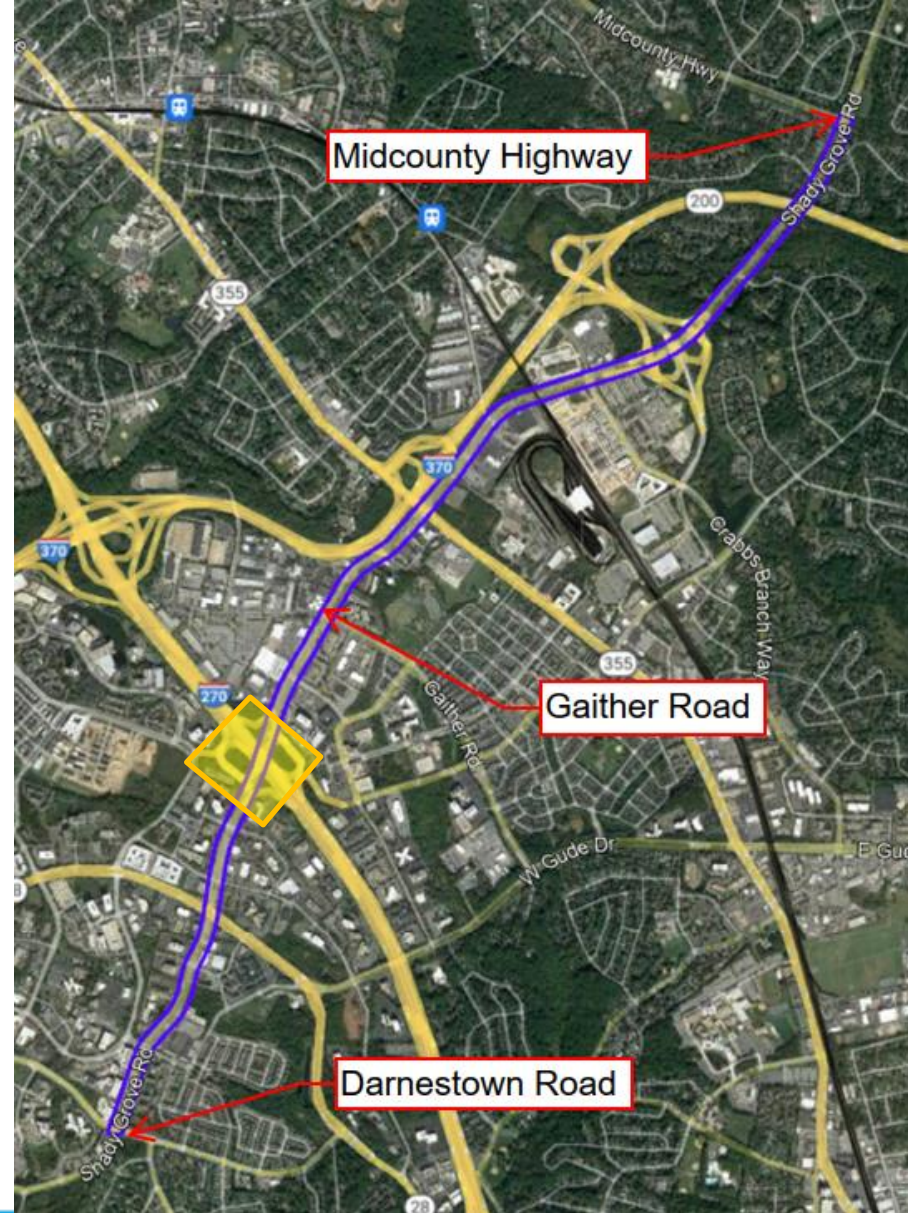


Segment 1: Northbound Proposed Option 2

- Keep existing 11' lane widths
- 5' grass buffer
- 10' shared use path



I-270 and Shady Grove Road Interchange



I-270 Interchange: Existing Conditions



I-270 Interchange: Existing Conditions



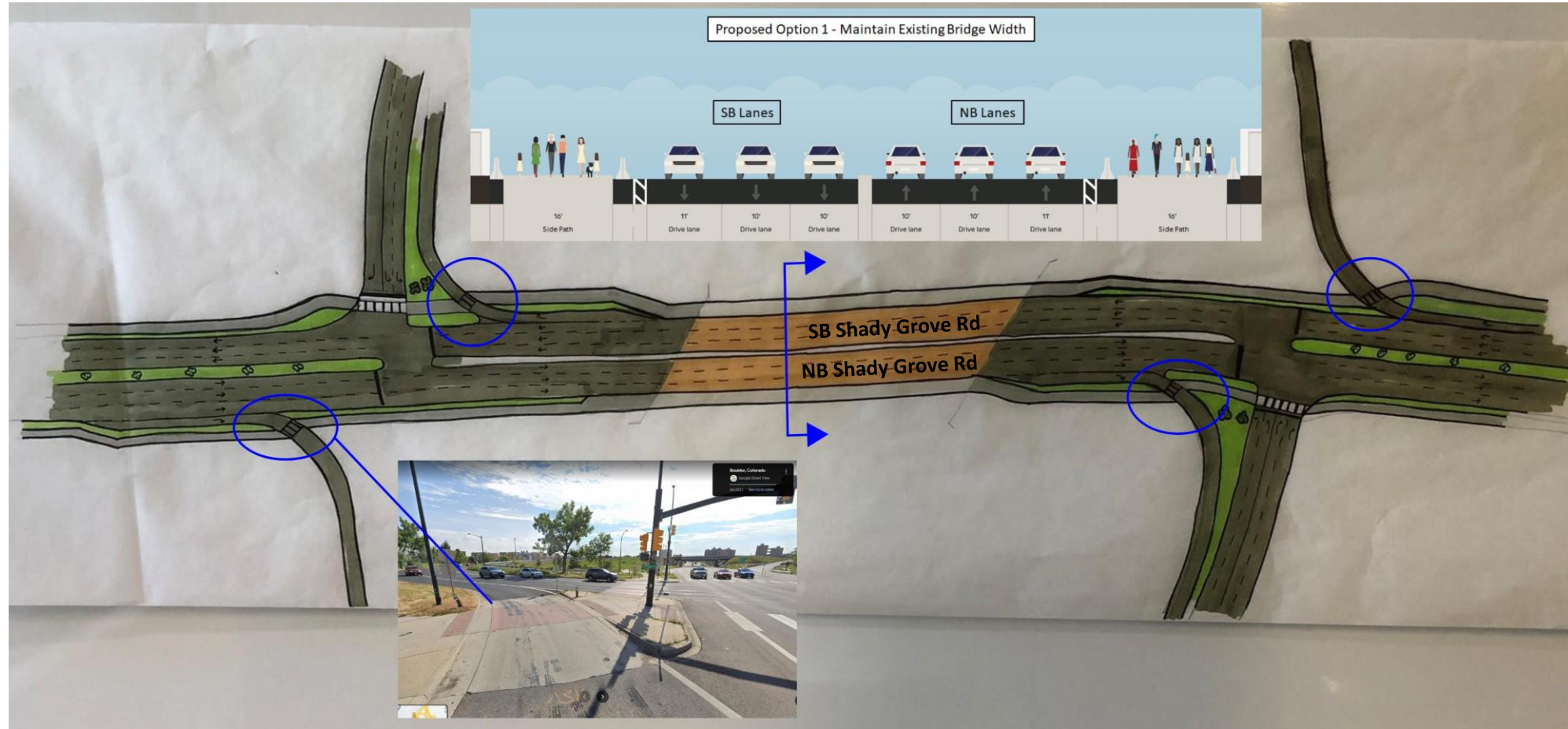
I-270 Interchange: Existing Conditions



I-270 Interchange: Existing Conditions



I-270 Interchange: Proposed Option 1

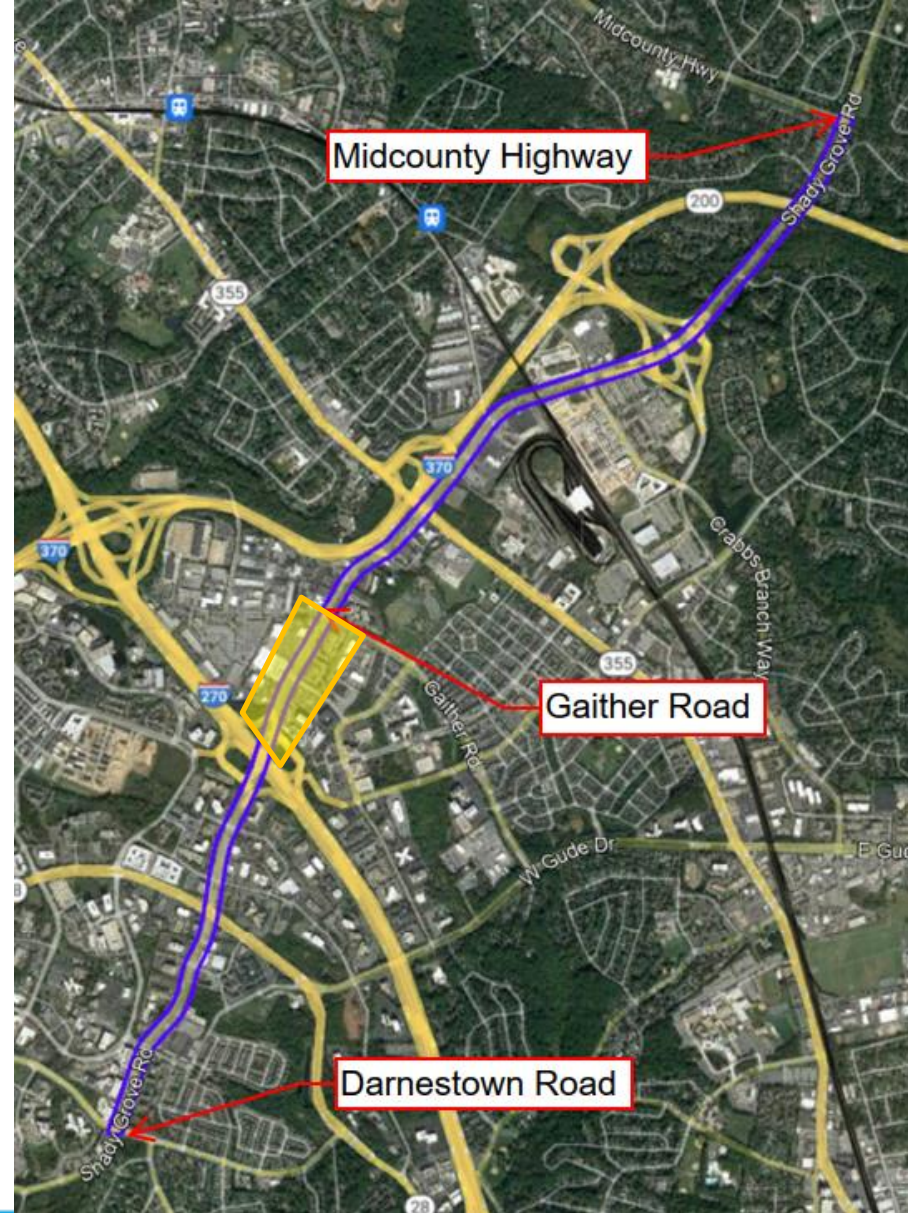


I-270 Interchange: Proposed Option 2



Segment 3

I-270 to Gaither Road



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Segment 3: Southbound Existing

- 3 – 11' wide lanes
- No on-road bike facility
- Sidewalk 5' width



Segment 3: Southbound Proposed

- Lower lane widths to 10' except outside lane
- 5' grass buffer
- 10' shared use path



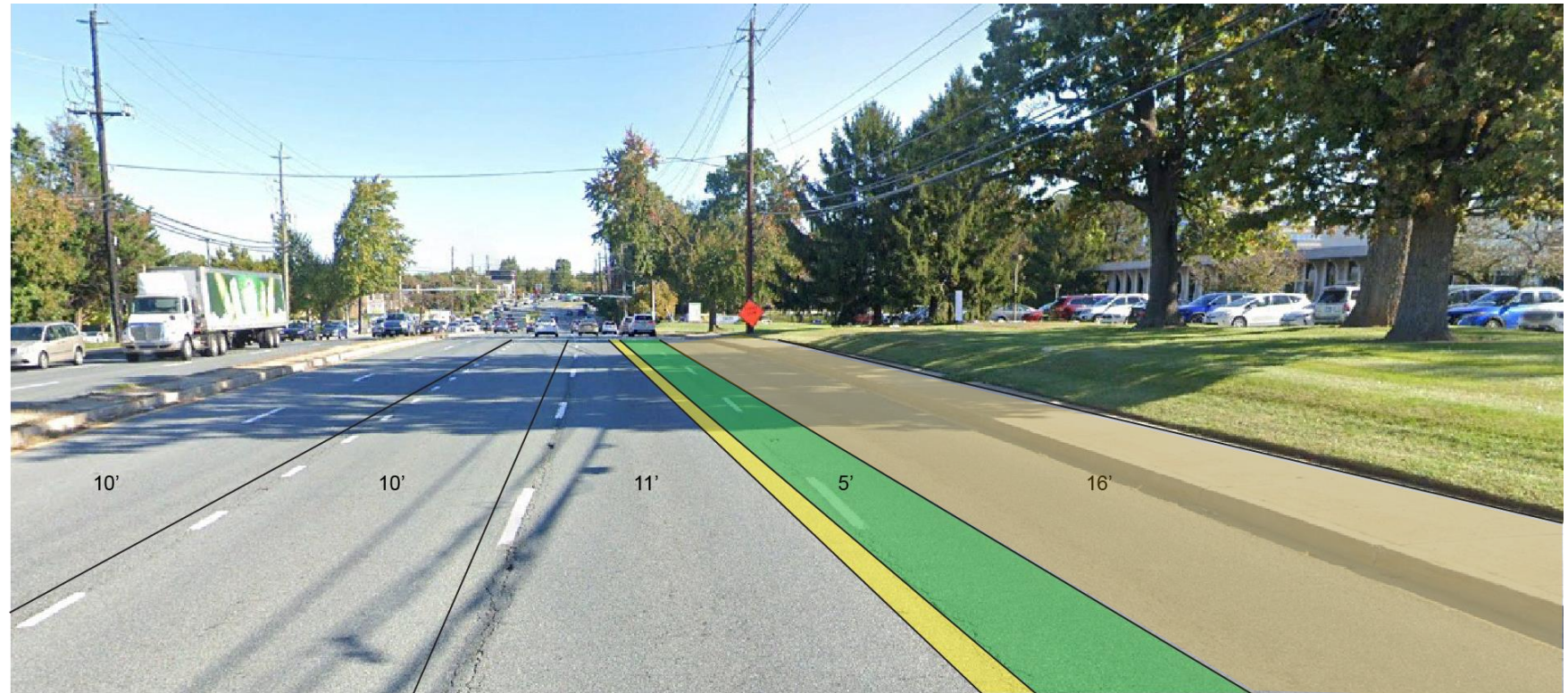
Segment 3: Northbound Existing

- 3 – 11' wide lanes
- No on-road bike facility
- Sidewalk 5' width



Segment 3: Northbound Proposed Option 1

- Lower lane widths to 10' except outside lane
- 5' grass buffer
- 16' breezeway



Segment 3: Northbound Proposed Option 2

- Keep existing 11' lane widths
- 5' grass buffer
- 10' shared use path



Shady Grove Vision Zero Pedestrian & Bicycle Improvements Study

Project Timeline



Question and Answer

- Cameras and microphones have been turned off to reduce the bandwidth of the meeting
- To ask a Question
 - Click on the status icon on the top menu bar that looks like a person with their hand raised or;
 - Type your question along with your email into the chat box on the bottom right corner of the screen.



Thank You for Attending

- The Public Meeting Record will remain open for two weeks to allow any person an opportunity to have their comments included.
- Official Closing Date for Comments and Testimony is 11/20/2023
- Submissions can be made via:
 - ArcGIS Online Map: [Project Comment Map](#)
 - Project Comment Form: [Project Comment Form](#)
 - Project Website: [Shady Grove Improvement Study](#)
 - E-mail ***Cameron.McAllister@MontgomeryCountyMD.gov***

