



Public Meeting – Concept Design

Dr. Bird / Norwood Road Shared Use Path

OVERVIEW & INTRODUCTIONS



Welcome to the HTT Virtual Public Meeting!

- Please note that this meeting's audio/video is being recorded and will be posted on the MCDOT website.
- If you do not wish to have your voice or likeness recorded, please turn your video camera off, and refrain from asking questions using the audio option. Instead, you can send your questions via the chat.

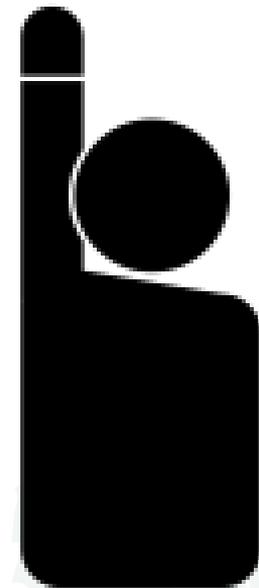
ZOOM TUTORIAL - VIDEO

- Your video camera is **off** by default.
- This is done to reduce the bandwidth of the meeting and ensure there are limited disruptions.
- We request that you please keep your camera off for the duration of the meeting.



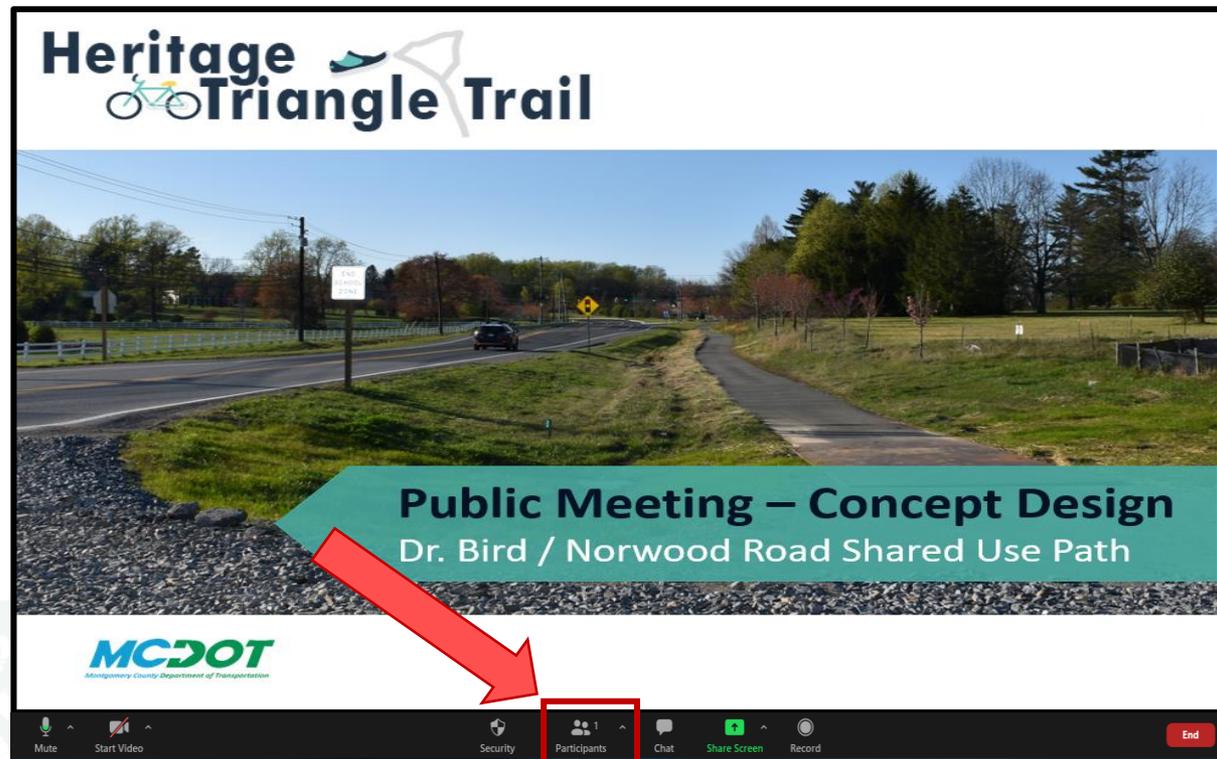
ZOOM TUTORIAL - MUTING

- Everyone is on mute. You cannot unmute yourself. We will unmute you during the Q&A Session.
- To request to speak, you'll need to use the **Raise Hand** feature (instructions to follow). Once we unmute you, you may still need to click a pop-up menu to unmute yourself.
- If you have called in by telephone, you can unmute yourself by dialing *6 once we unmute you.



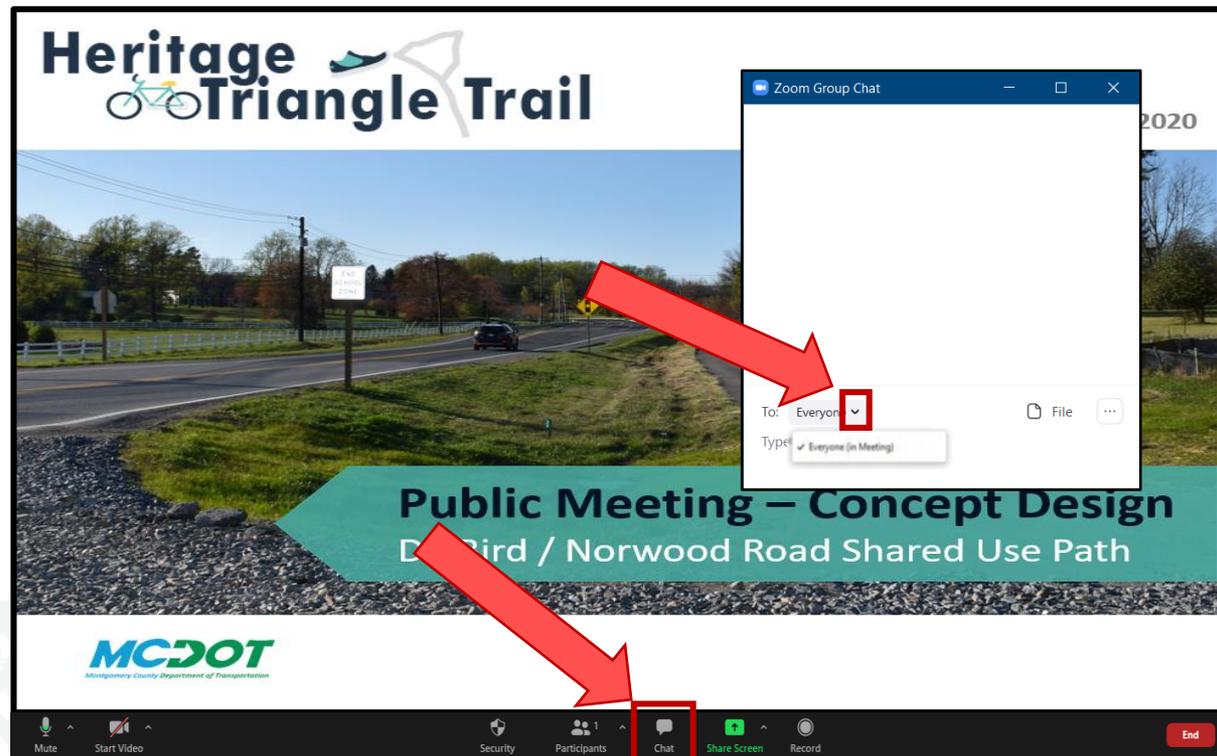
ZOOM TUTORIAL - QUESTIONS

- **Speaking / Raise Your Hand** – If you'd like to speak to ask a question or make a comment, please raise your hand.
 - Click “participants” in the bottom menu.
 - A new window will appear. Click the blue “raise hand” button.
 - If you've dialed in by phone, dial *9.



ZOOM TUTORIAL - QUESTIONS

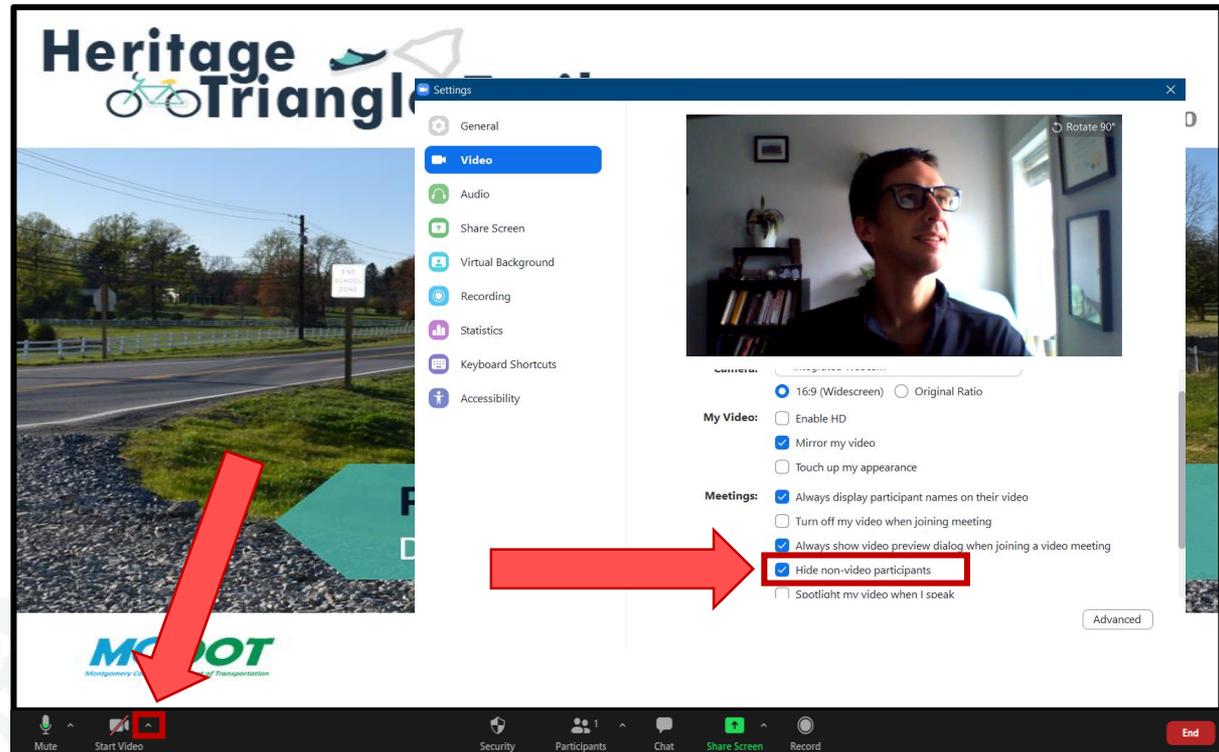
- **Ask a Question (Text)** – If you have a question during the presentation, use the chat to sent it.
 - Click “chat” in the bottom menu.
 - A new window will appear. In the “to” field, change the drop down to “Collin Hayward”
 - Type your question and send it.



ZOOM TUTORIAL - VIEW

- **View** – To change your view so that you only see people with cameras on, complete the following steps.

- Click the up arrow next to “start video”.
- Select “Video Settings”.
- Make sure “Hide non-video participants” is checked. You may have to scroll down slightly.



MEETING AGENDA

- 7:00PM - Welcome / Zoom Overview
- 7:10PM - Project Team & Meeting Goals
- 7:20PM - Project Background
- 7:30PM - Project Overview
- 8:10PM - Q&A
- 8:50PM - Adjourn



PROJECT TEAM

Patricia Shepherd – Project Manager



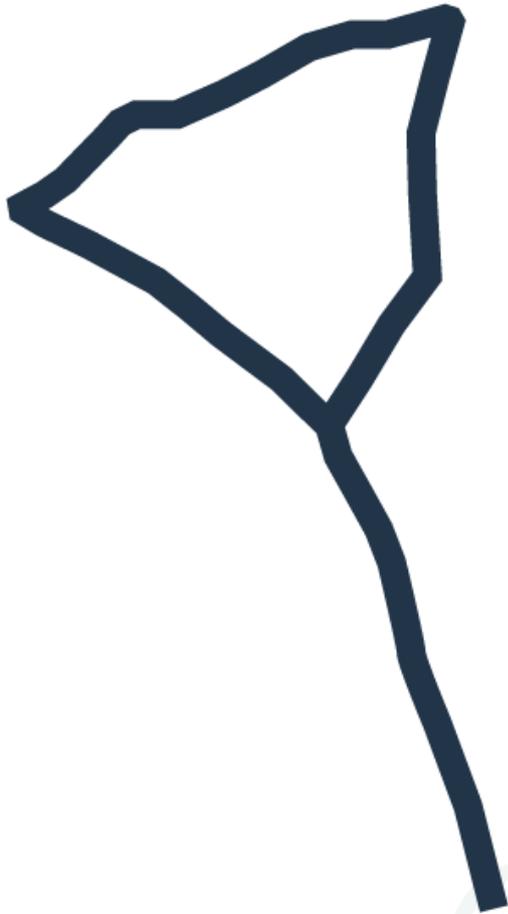
Rick Adams – Project Director

Collin Hayward – Project Team Leader

Rebecca Williams – Project Engineer



MEETING GOALS



- Provide an overview of the Heritage Triangle Project and the corresponding MHAA Grant.
- Review the preliminary Phase 1 shared-use path design along Dr. Bird and Norwood Roads.
- Solicit input from community members on the current design, potential uses, schedule, and any other project aspects.
- Review project next steps and provide contact information for follow-up.

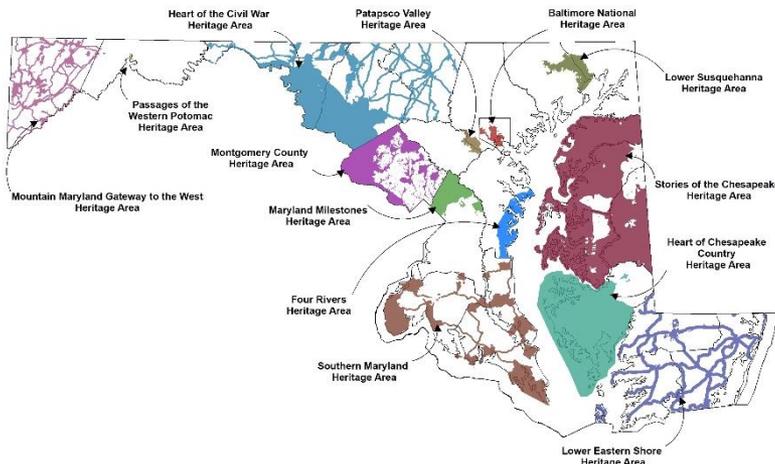
PROJECT BACKGROUND



MHAA Grant Submission



- Submitted MHAA Capital Grant Application in March 2019
- Identified need to provide walkable/bikeable access to 4 heritage tourism destinations
- Awarded \$100,000 in July 2019 for design of HTT components on Dr. Bird & Norwood Road
- Comprehensive heritage experience for visitors that closes existing accessibility gaps



HISTORICAL CONNECTIONS



Olney Theatre



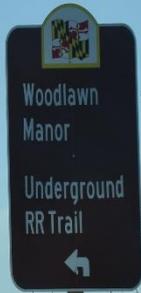
Sandy Spring Museum



Underground Railroad Experience



Woodlawn Manor



LOCAL BENEFITS

Benefits to the Local Community

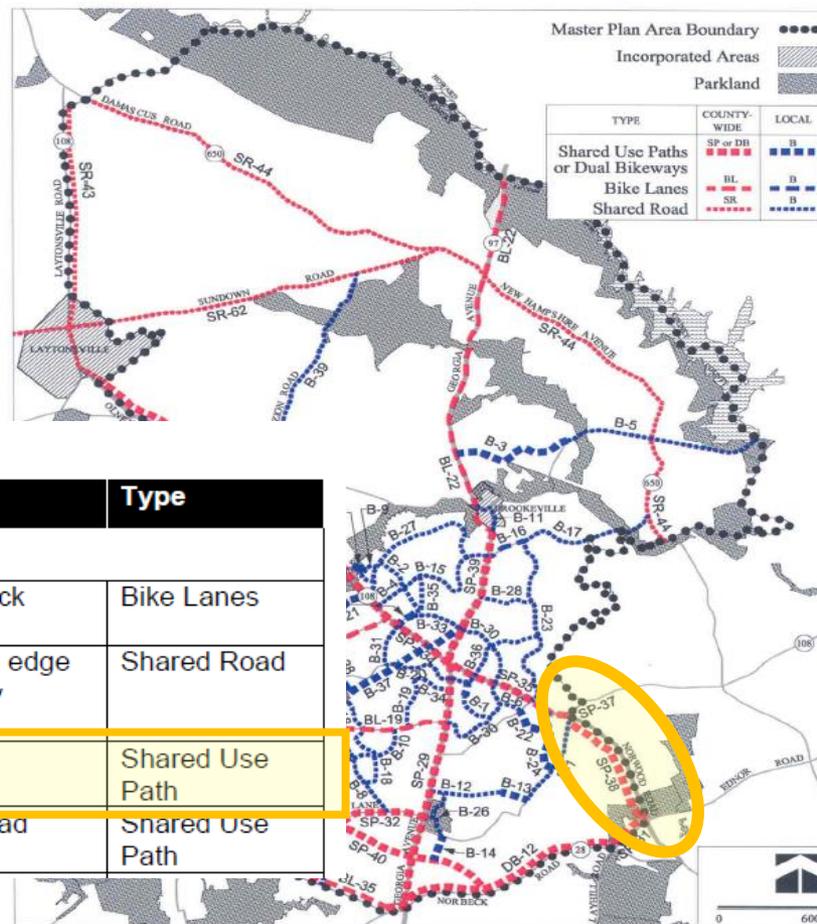
- Unique opportunity to improve bicycle & pedestrian access with a single trail alignment
- Provide wayfinding and interpretive signage planned to tell the stories of Sandy Spring
- Attract more visitors and increase trip length
- Contribute to local economy via tourism and increased multi-modal activity

EXISTING PLANS – OLNEY MASTER PLAN

Olney Master Plan (2005)

- Dr. Bird / Norwood Road identified for shared-use path treatment
- Key connection to other planned facilities

Bikeway Network



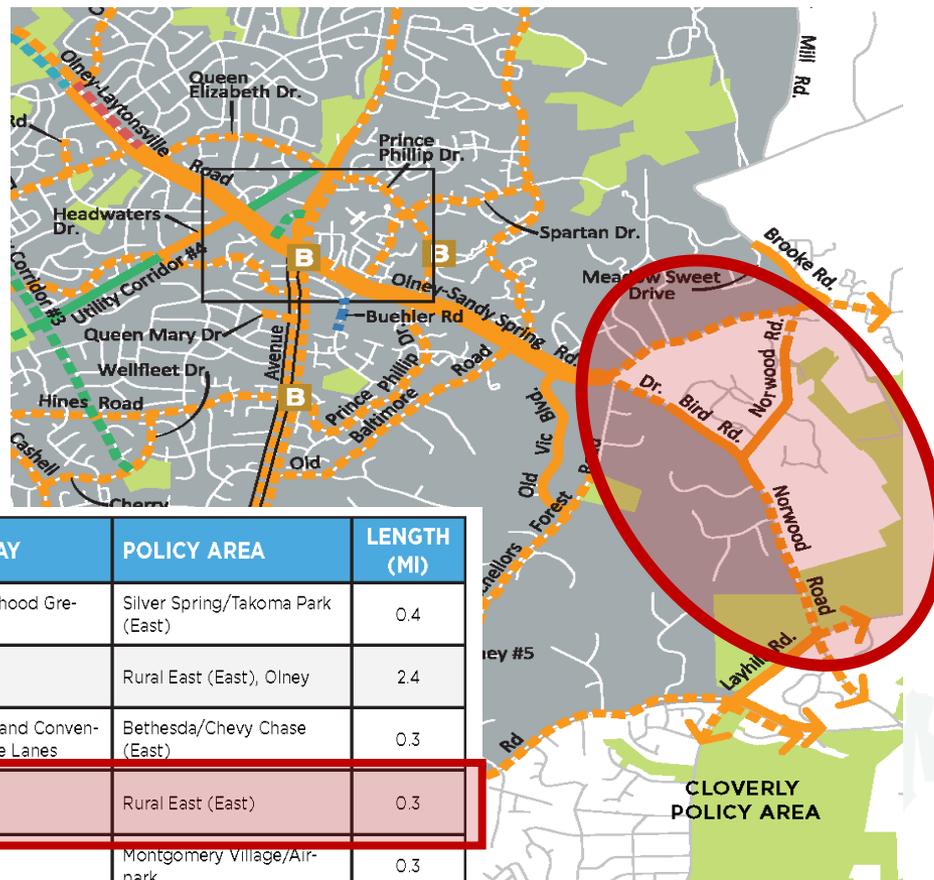
Proposed Bikeways

#	Bikeway	Location	Type
Countywide Bikeways			
BL-20	Bowie Mill Road	MD 108 to North Branch Rock Creek	Bike Lanes
SR-44	Damascus Road/New Hampshire Avenue (MD 650)	Hipsley Mill Road to eastern edge of the Master Plan boundary	Shared Road
SP-38	Dr. Bird Road/Norwood Road (MD 182)	MD 108 to Layhill Road	Shared Use Path
SP-32	Emory Lane	MD 97 to Muncaster Mill Road	Shared Use Path

EXISTING PLANS – MONTGOMERY COUNTY BICYCLE MASTER PLAN

MC Bicycle Master Plan (2018)

- Dr. Bird / Norwood Road identified for shared-use path treatment
- Key connection to other planned facilities

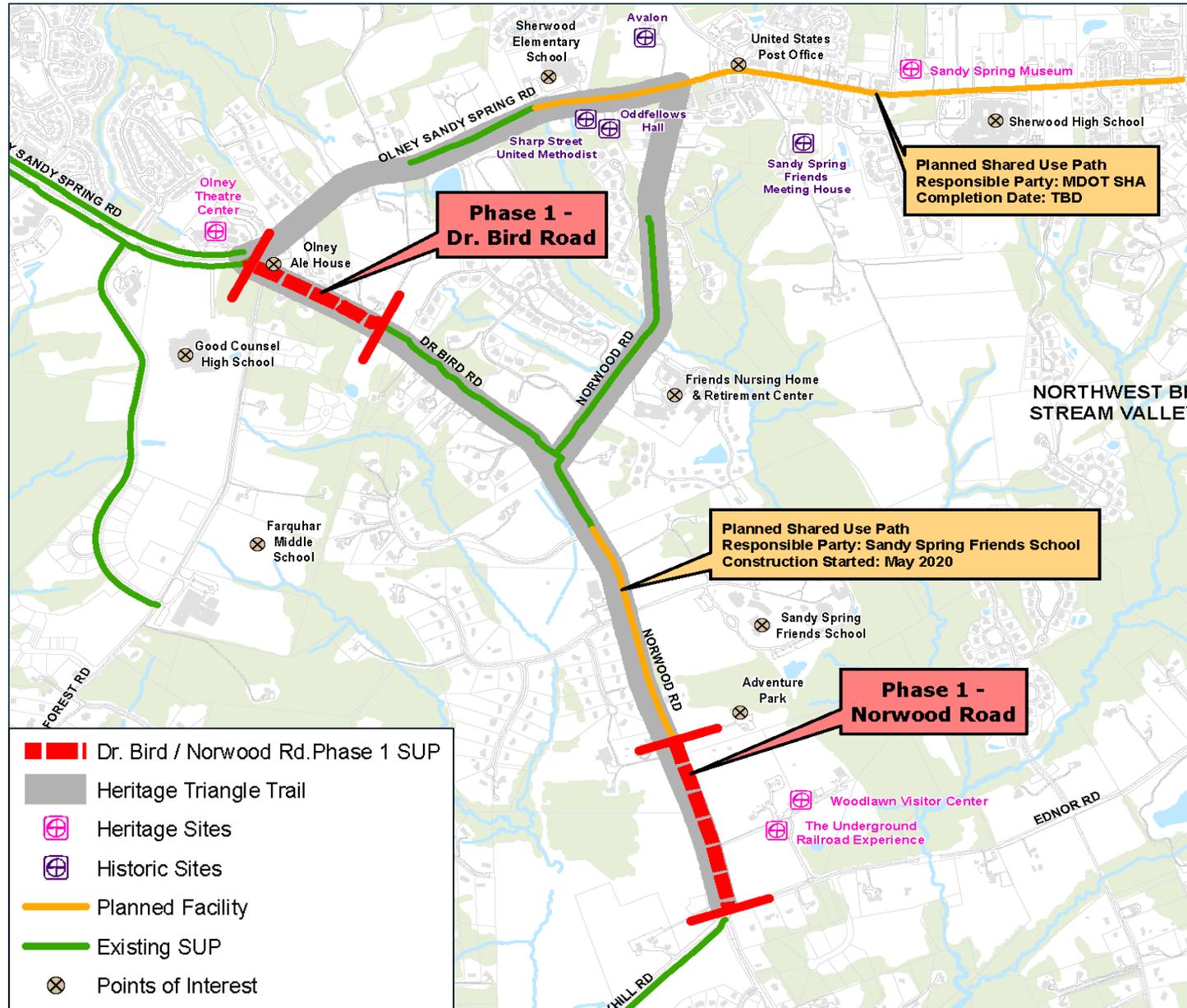


STREET	FROM	TO	BIKEWAY	POLICY AREA	LENGTH (MI)
Baltimore Ave	Philadelphia Ave	District of Columbia	Neighborhood Greenway	Silver Spring/Takoma Park (East)	0.4
Bowie Mill Rd	Muncaster Mill Rd	Cashell Rd	Sidepath	Rural East (East), Olney	2.4
Bradley Blvd	Wilson La	Fairfax Rd	Sidepath and Conventional Bike Lanes	Bethesda/Chevy Chase (East)	0.3
Dr. Bird Rd	Olney-Sandy Spring Rd	Norwood Rd	Sidepath	Rural East (East)	0.3
Emory Grove Rd	Goshen Rd	Strawberry Knoll Rd	Sidepath	Montgomery Village/Airpark	0.3
Emory Grove Rd	Strawberry Knoll Rd	Woodfield Rd	Sidepath	Montgomery Village/Airpark	0.9
Emory Grove Rd	Woodfield Rd	Washington Grove Ln	Sidepath	Montgomery Village/Airpark	0.4

Shared Bikeways
 Shared Bikeways
 Shared Bikeways
 Shared Bikeways



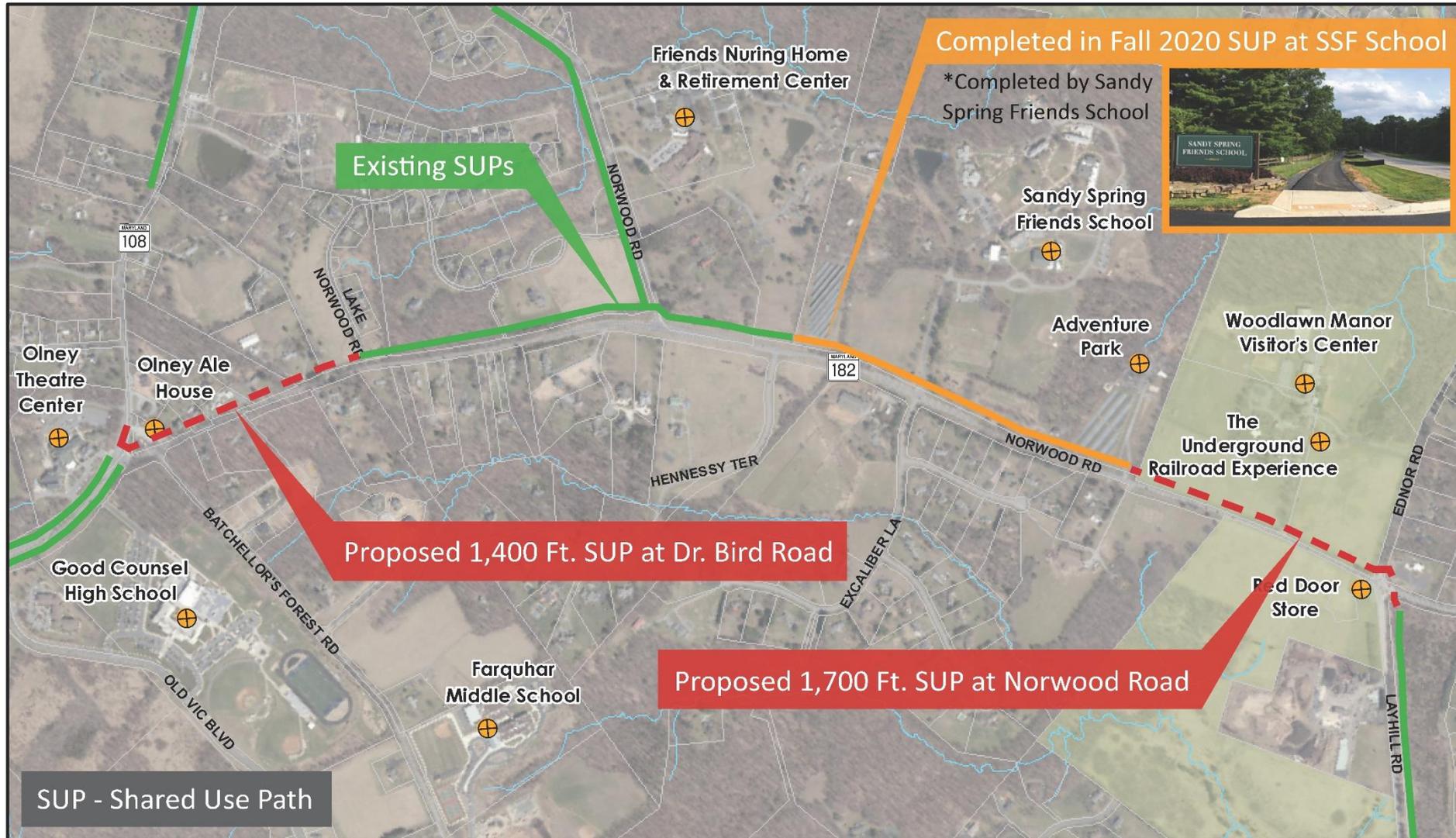
HERITAGE TRIANGLE TRAIL



PROJECT OVERVIEW



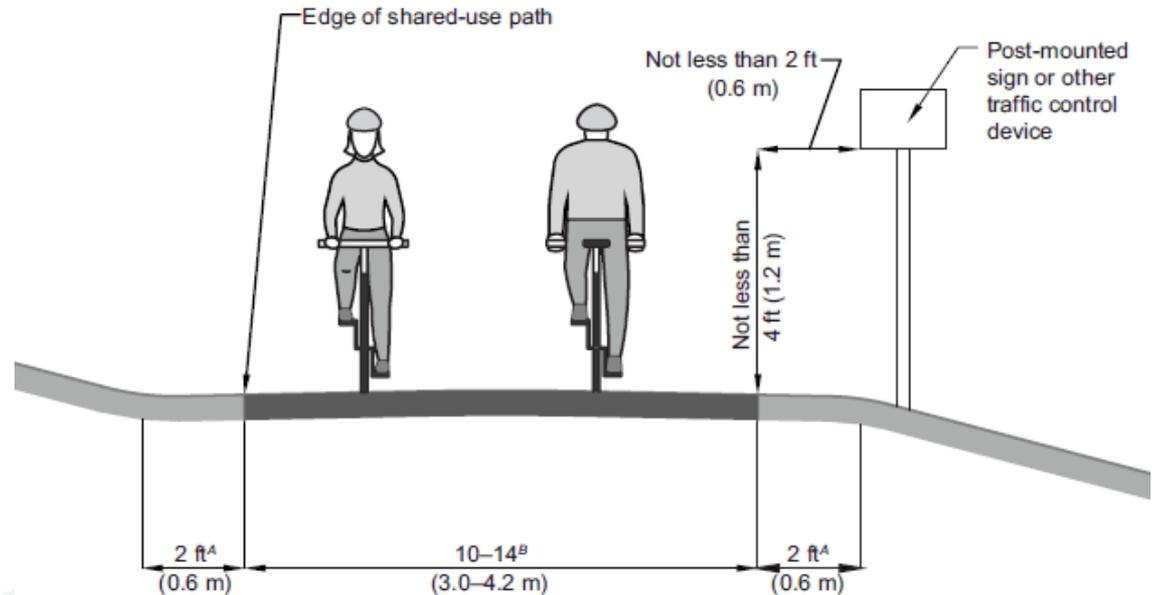
PROJECT OVERVIEW



SHARED USE PATH DESIGN GUIDELINES

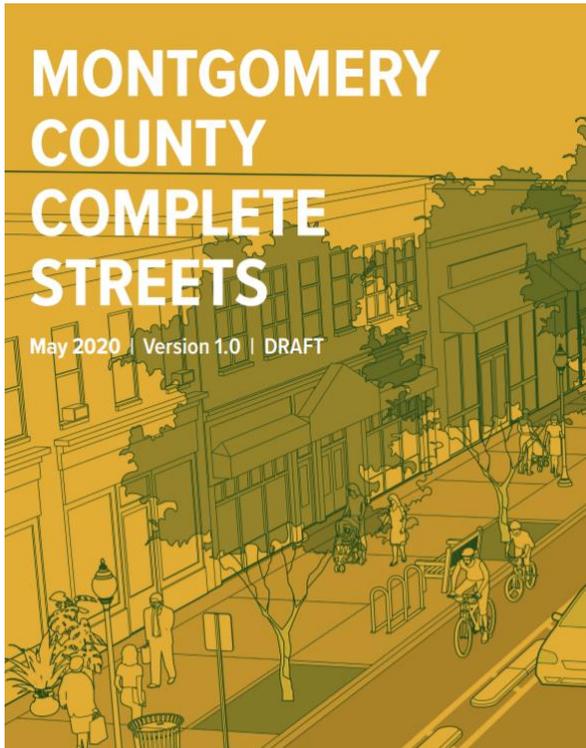
Guide for the Development of Bicycle Facilities

2012 • Fourth Edition



- The minimum paved width for a shared use path is 10 ft.

SHARED USE PATH DESIGN GUIDELINES



	Page Reference	Downtown Boulevard	Downtown Street	Boulevard	Town Center Boulevard	Town Center Street	Neighborhood Connector	Neighborhood Street	Neighborhood Yield Street	Industrial Street	Country Connector	Country Road	Major Highway
Outside Travel Lane (against curb or parking)	105	11'	10.5'	11'	11'	11'	10.5'	10.5'	12'	11'	11'	11'	12'
Dedicated Transitway	108	The presence of a dedicated transitway is determined in the Countywide Master Plan for Transitways and Highways. If these dimensions vary from those provided in a specific Transitway planning process, those dimensions supersede this document. Dimensions may vary at stations or intersections. Transitway lanes: 13' preferred, 12' min Transitway buffer: 6' preferred, 2' min											
Parking Lane	95-99	8'	8'	8'	8'	8'	8'	8'	8'	8'	N/A	N/A	N/A
Shoulder	105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6'	4'	8'
Default Bikeways Types and Widths	195	Two-Way SBL on both sides of street. Each SBL: 11' default, 8' min	One-way SBL: 6.5' default, 5' min	Sidepaths on both sides of the street. Each sidepath: 11' default, 8' min	Two-Way SBL on both sides of street. Each SBL: 11' default, 8' min	One-way SBL: 6.5' default, 5' min	Sidepath on one side of the street: 10' default, 8' min or Bike Lanes	Neighborhood Greenway, Shared Lanes, or Advisory Bike Lanes (for design guidance, see Bicycle Facility Design)	N/A	One-way SBL: 6.5' default, 5' min or Sidepath on one side of the street: 10' default	Bikeable Shoulders: 10' or Sidepath on one side of the street: 10' default	Bikeable Shoulders: 8' or Sidepath on one side of the street: 10' default	Sidepath on both sides of street. Each sidepath: 11' default, 8' min
Street Buffer	66	8' default, 6' min	6', 11' if shared w/ street parking	8' default, 6' min	8' default, 6' min	6'	6'	6'	6'	6'	10' (if sidewalk/sidepath are provided)	8' default, 6' min	As wide as feasible (10' min)

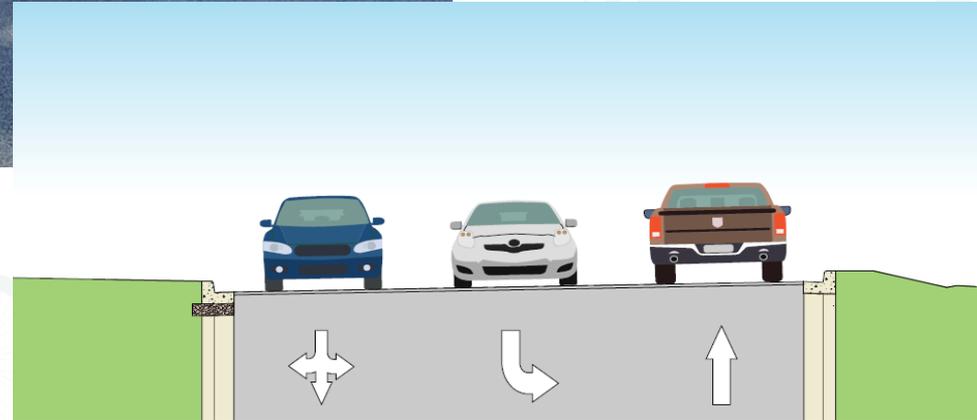
- The minimum street buffer, described as the space between the travel lane and the bikeway/sidewalk/path, should be a minimum of 6 ft.

PROJECT DETAILS – DR. BIRD



- 1400 ft. of new 10' wide asphalt shared-use path with a 6' grass buffer
- Storm drainage, stormwater management, erosion and sediment control
- Signing, pavement markings, lighting, pedestrian and bicycle safety improvements

PROJECT DETAILS – DR. BIRD

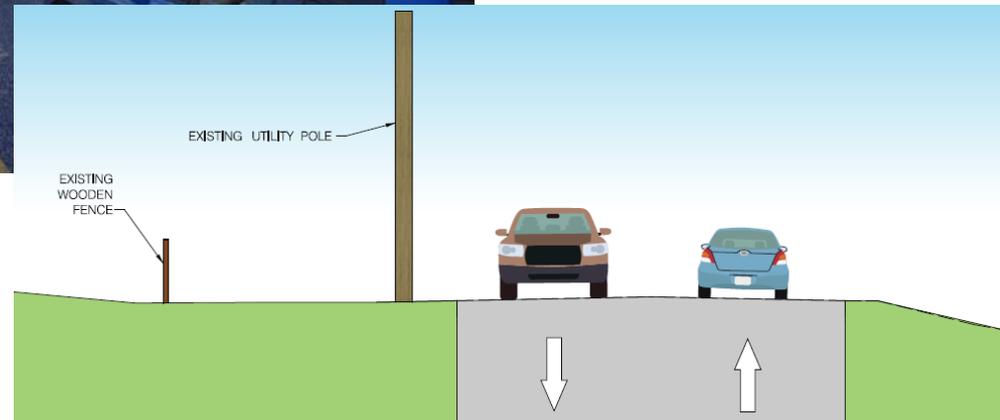


PROJECT DETAILS – NORWOOD

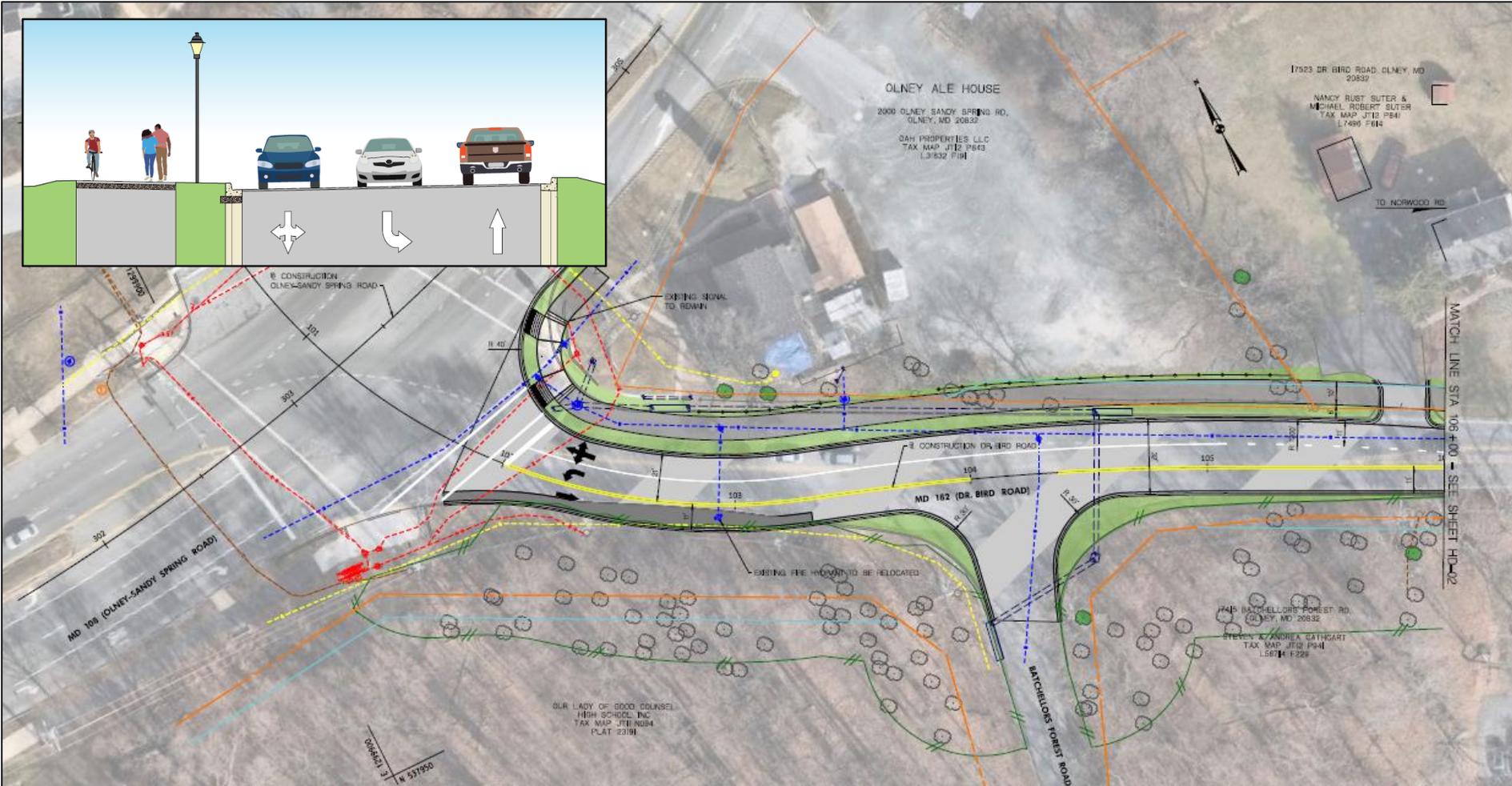
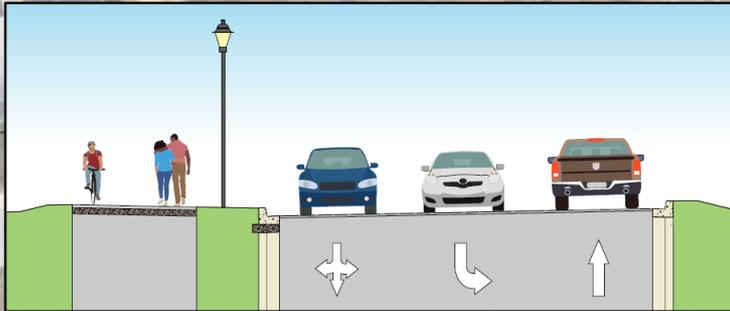
- 1700 ft. of new 10' wide shared-use path with a 6' grass buffer
- Storm drainage, stormwater management, erosion and sediment control
- Signing, pavement markings, lighting, and pedestrian/bicycle safety improvements



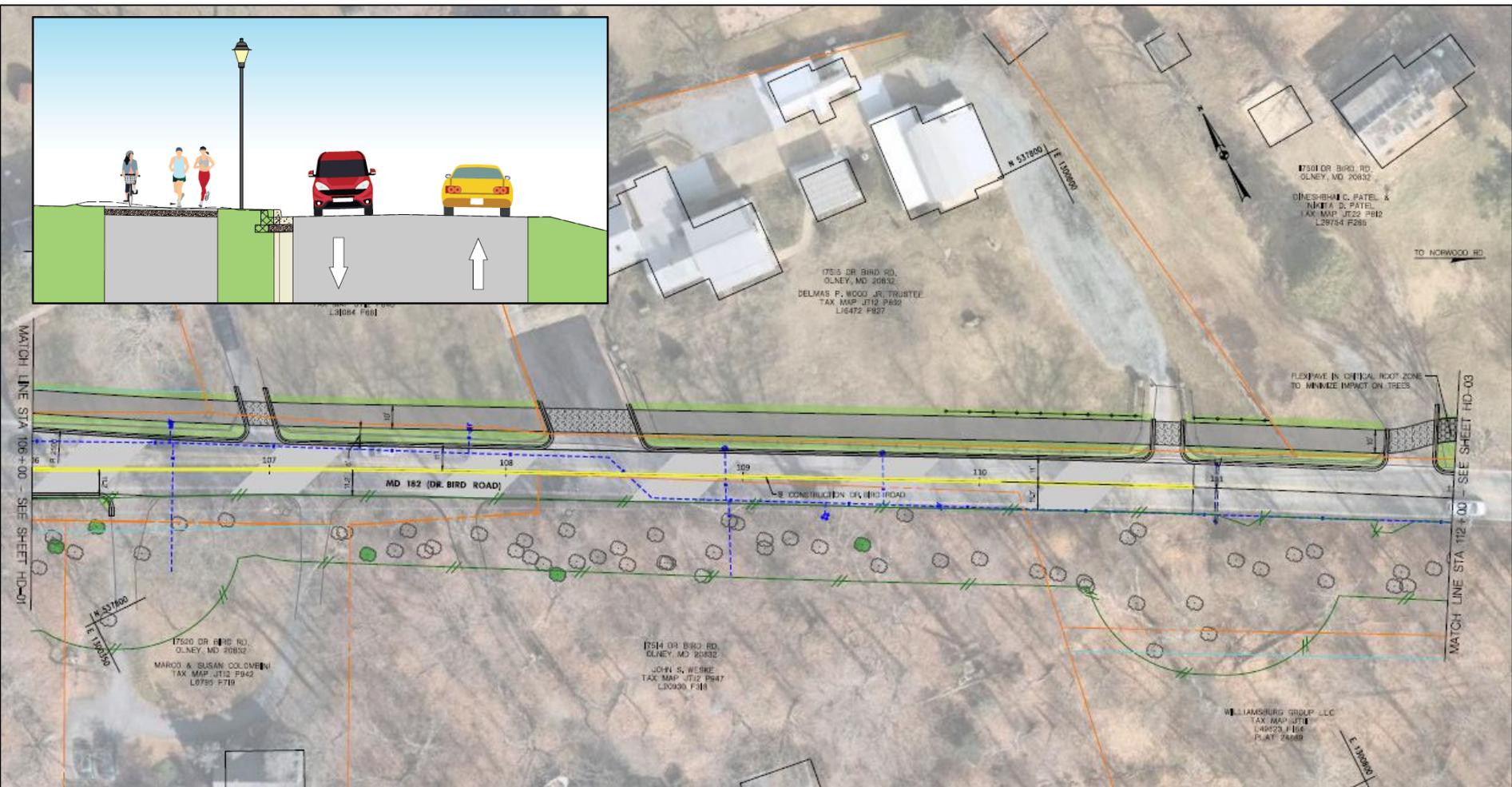
PROJECT DETAILS – NORWOOD



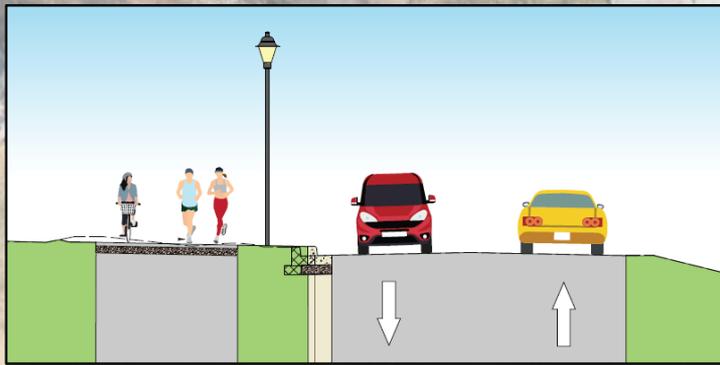
PRELIMINARY DESIGN – DR. BIRD



PRELIMINARY DESIGN – DR. BIRD



PRELIMINARY DESIGN – DR. BIRD



17421 DR BIRD RD
OLNEY, MD 20832
MARC L. KOZAM &
TONI-JANELLE HERBERT
TAX MAP JT22 P915
L44664 F368

17417 DR BIRD RD
OLNEY, MD 20832
BARBARA M. SIBRA
TAX MAP JT22 SUB 1 LT 50
L33339 F329

TO NORWOOD RD.



PROJECT DETAILS - CONNECTIONS



Sandy Spring Friends School Trail

- Connecting to newly built path at north terminus of Norwood Road portion
- Closes gap to Dr. Bird portion of trail

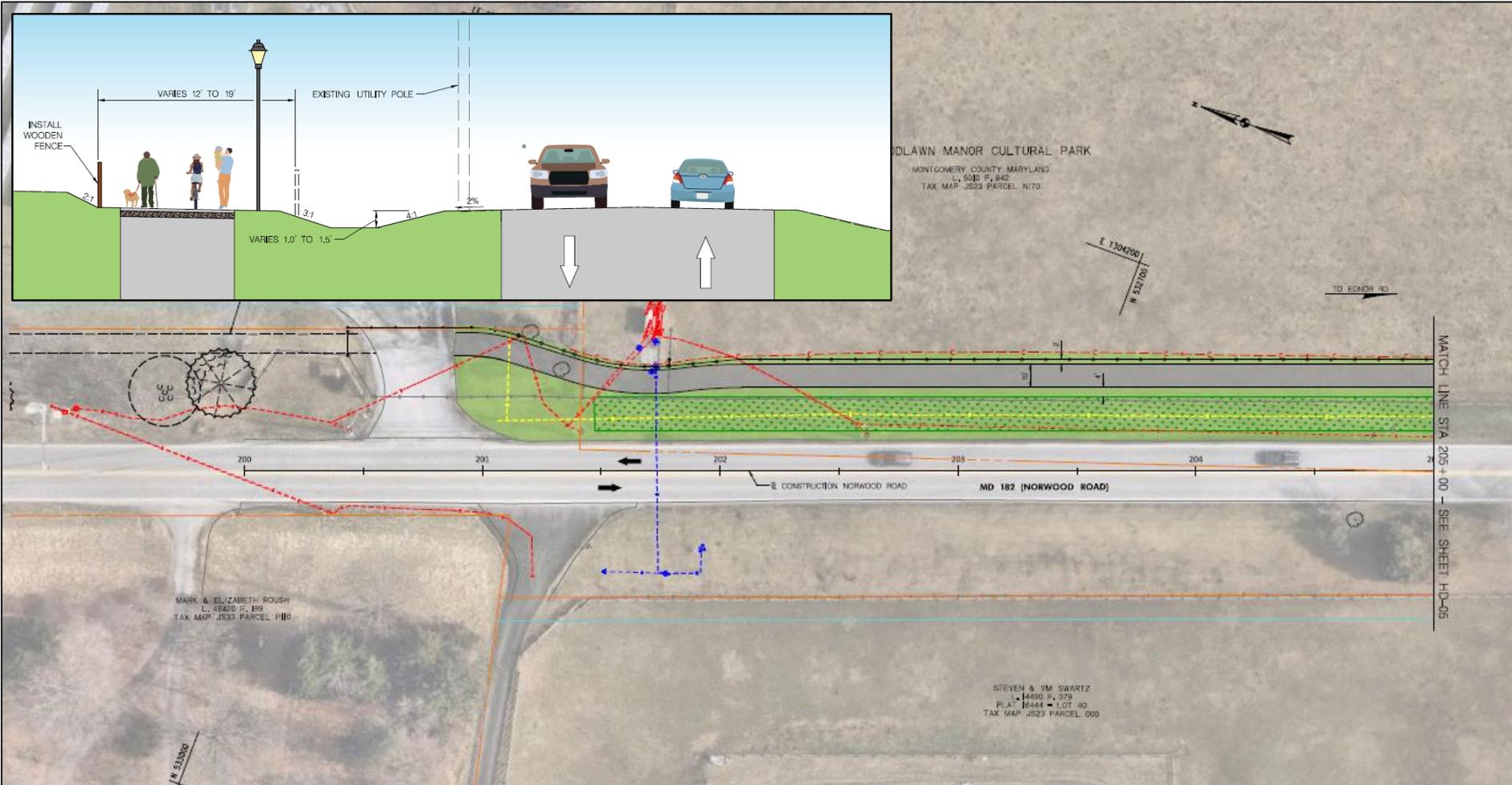
PROJECT DETAILS - CONNECTIONS



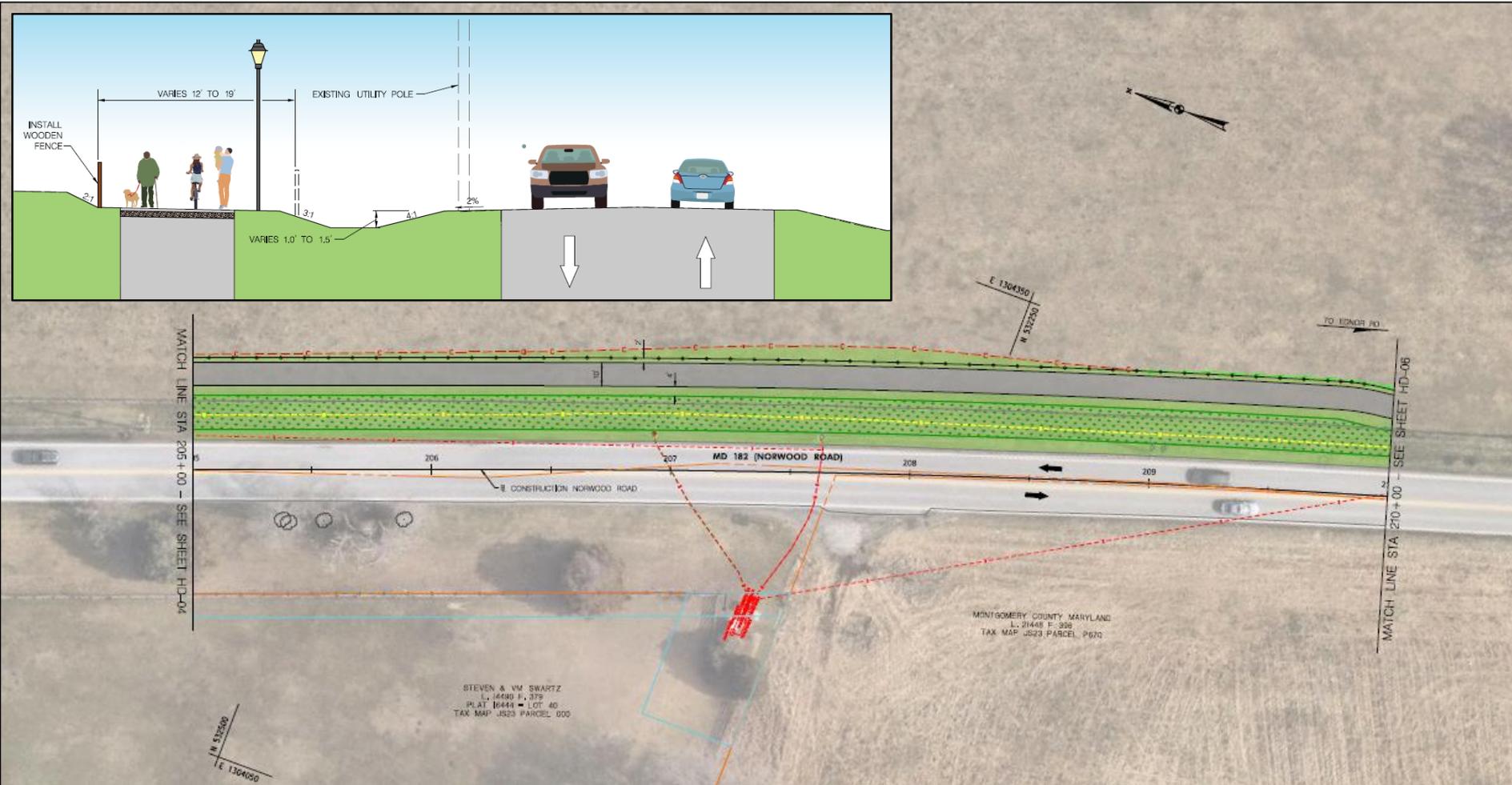
PROJECT DETAILS - CONNECTIONS



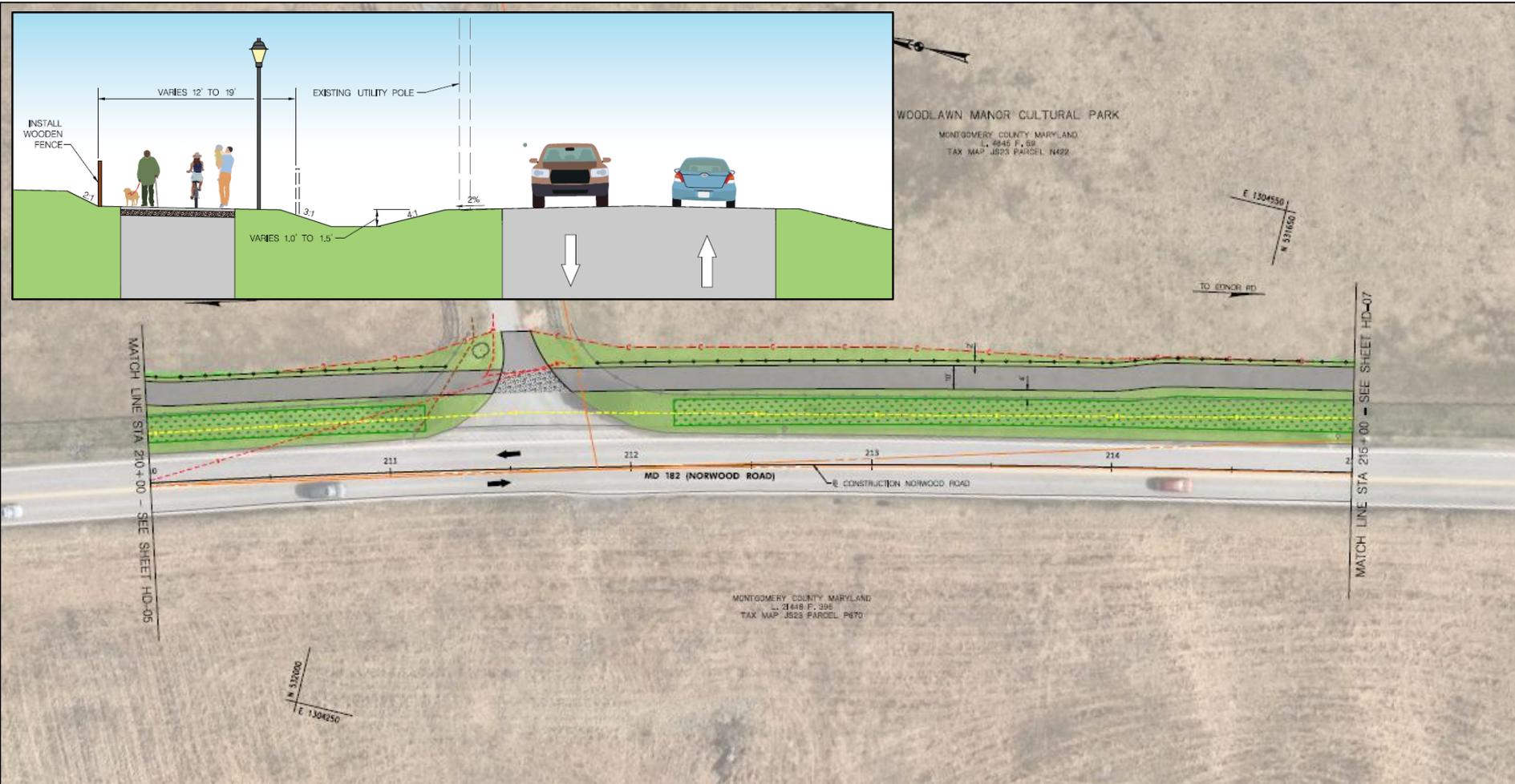
PRELIMINARY DESIGN – NORWOOD



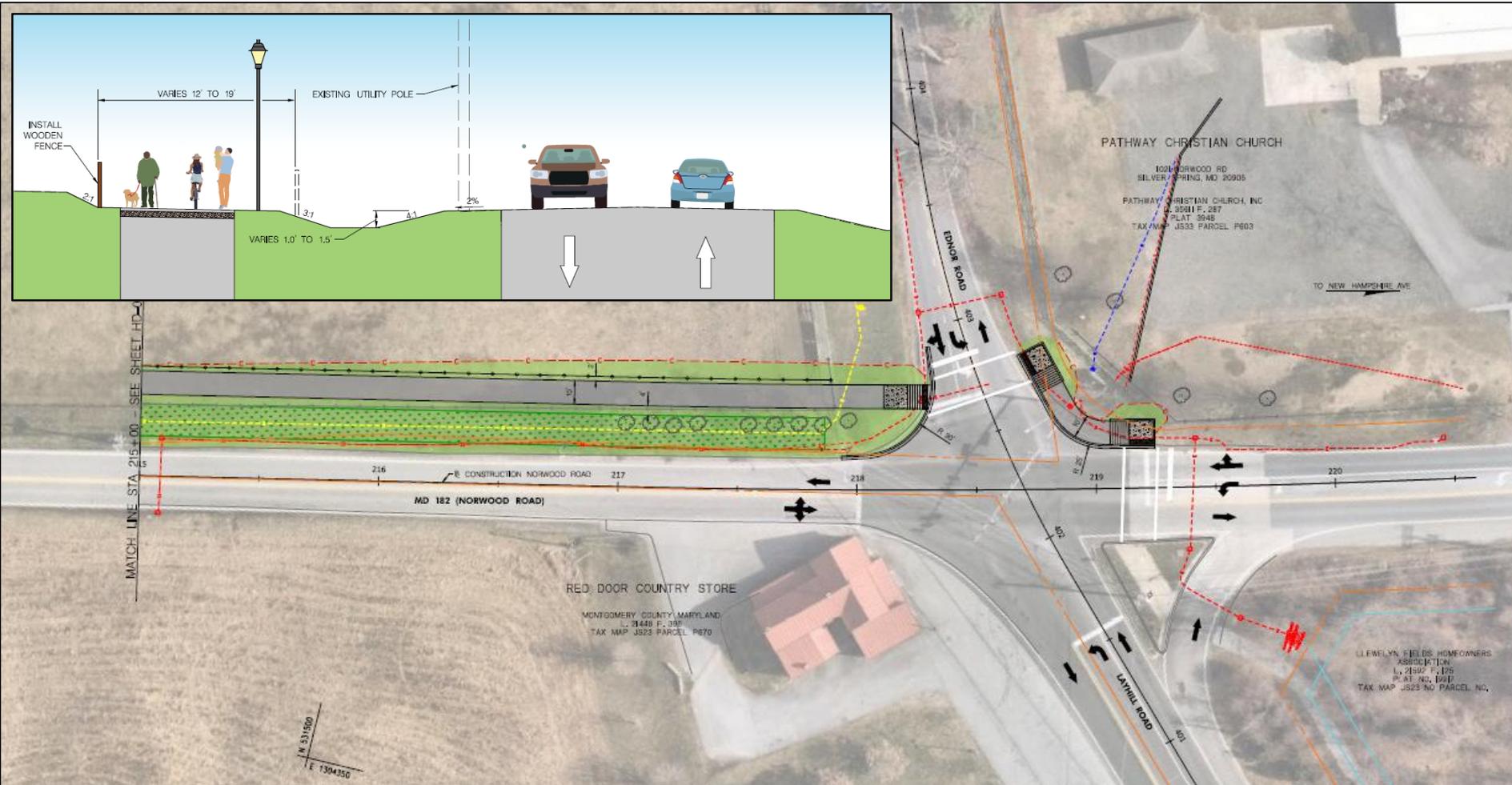
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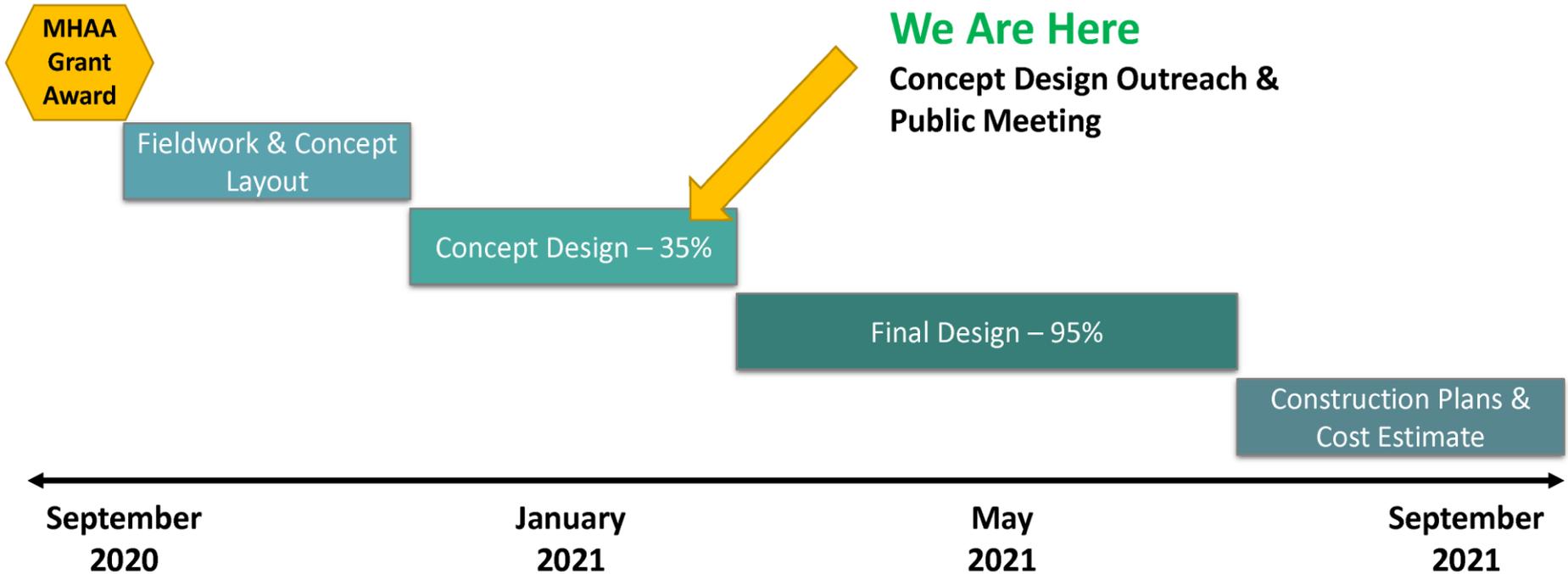


PROJECT SCHEDULE

Dr. Bird / Norwood Road Phase 1 Shared-Use Path



Project Schedule



Schedule Published - Feb. 2021

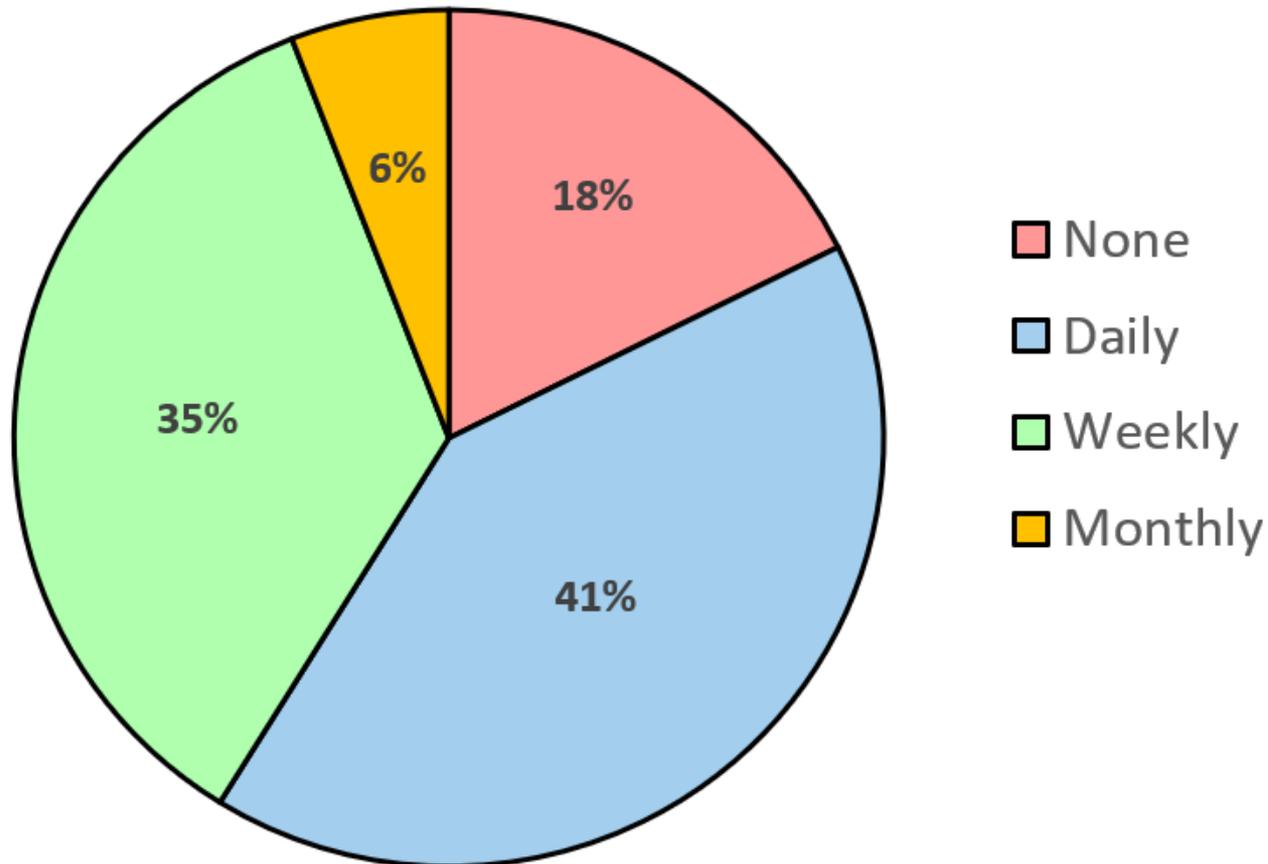


QUESTION & ANSWER



SURVEY RESULTS

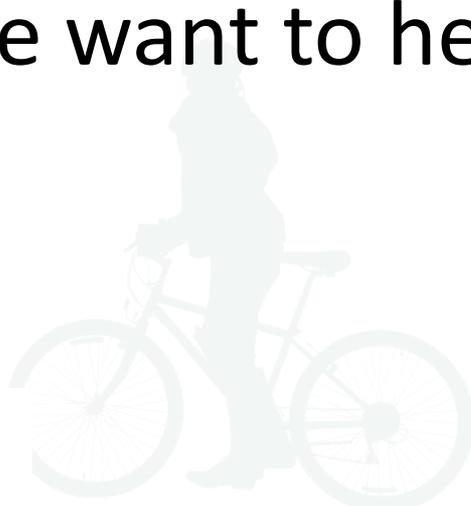
How often would you bike or walk along the Dr. Bird/Norwood corridor if a new shared use path was constructed?



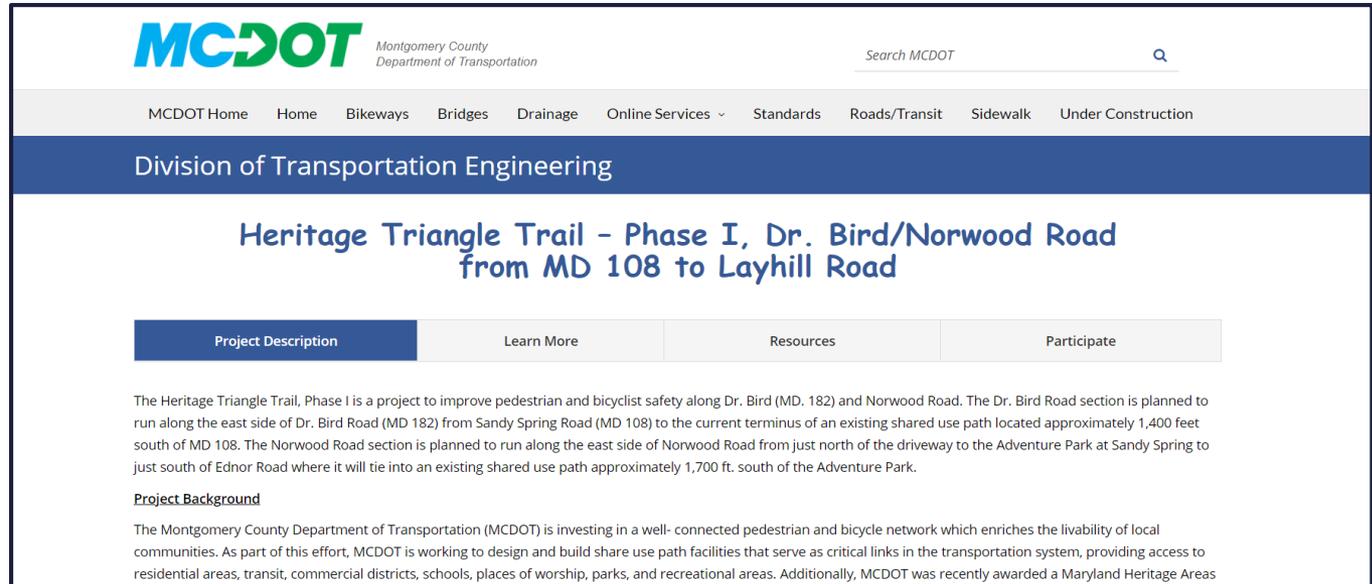
QUESTION & ANSWER

Please ask questions or provide comments by using the **Raise Hand** feature or typing them in the chat.

We want to hear from you!



PROJECT WEBSITE



The screenshot shows the MCDOT website interface. At the top left is the MCDOT logo with the text "Montgomery County Department of Transportation". To the right is a search bar labeled "Search MCDOT". Below the logo is a navigation menu with items: "MCDOT Home", "Home", "Bikeways", "Bridges", "Drainage", "Online Services", "Standards", "Roads/Transit", "Sidewalk", and "Under Construction". A dark blue banner below the menu reads "Division of Transportation Engineering". The main heading is "Heritage Triangle Trail - Phase I, Dr. Bird/Norwood Road from MD 108 to Layhill Road". Below the heading is a navigation bar with four buttons: "Project Description" (highlighted), "Learn More", "Resources", and "Participate". The "Project Description" section contains the following text: "The Heritage Triangle Trail, Phase I is a project to improve pedestrian and bicyclist safety along Dr. Bird (MD. 182) and Norwood Road. The Dr. Bird Road section is planned to run along the east side of Dr. Bird Road (MD 182) from Sandy Spring Road (MD 108) to the current terminus of an existing shared use path located approximately 1,400 feet south of MD 108. The Norwood Road section is planned to run along the east side of Norwood Road from just north of the driveway to the Adventure Park at Sandy Spring to just south of Ednor Road where it will tie into an existing shared use path approximately 1,700 ft. south of the Adventure Park." Below this is a "Project Background" section with the text: "The Montgomery County Department of Transportation (MCDOT) is investing in a well- connected pedestrian and bicycle network which enriches the livability of local communities. As part of this effort, MCDOT is working to design and build share use path facilities that serve as critical links in the transportation system, providing access to residential areas, transit, commercial districts, schools, places of worship, parks, and recreational areas. Additionally, MCDOT was recently awarded a Maryland Heritage Areas

<https://www.montgomerycountymd.gov/dot-dte/projects/heritageTTph1/index.html>

- Take the survey and provide comments
- Review project information, plans, and documents
- Participate in upcoming events and stay up to date with project announcements

CONTACT & FEEDBACK



QUESTIONS & COMMENTS

MCDOT Project Manager Contact Information

Patricia Shepherd, Project Manager

Montgomery County Department of
Transportation (MCDOT)

Division of Transportation Engineering

100 Edison Park Drive, 4th Floor SE

Gaithersburg, Maryland 20878

patricia.shepherd@montgomerycountymd.gov

240-777-7231



THANK YOU!

