

# HOWARD COUNTY MULTIMODAL TRANSPORTATION BOARD

March 23, 2021



**Transit Mobile Payment Application (Demo by RTA)  
- Item 4i**

**Howard County Priority Letter to MDOT - Item 4ii**

# Public Input Summary

- 50 people completed at least part of the online survey, with 23 respondents offering additional written comments.
- Survey responses were received from 24 Howard County zip codes, with a clustering of responses from: 21042, 21043, 21044, 21045.
- 45 comments were received via email and in the survey and were categorized by issues and topics.
  - Access to Columbia Gateway identified one time
  - Transit identified three times
  - Rivers Edge Access - identified 21 times
  - Noise walls - identified three times
  - Bike/Ped issues, sidewalks & shared use pathways - identified as core issues six times
  - Operations and safety issues on MD 99, MD 103, MD 108, US 40/US 29/Ridge Road - identified nine times
  - I 70 - identified four times

In the survey, we also requested respondents rank the types of solutions for three transportation modes: motor vehicles, transit and bicycle/pedestrian.

- Under the motor vehicle category 52% of respondents ranked safety related projects ranked as their highest priority.
- For the transit category, 32% of respondents ranked improved local transit service as their highest priority
- For the bicycle/pedestrian category, respondents ranked connections to schools and neighborhoods and access to recreation as their highest priority at 40%.

# Introduction Section

## US 1

- Construction and support of pedestrian and traffic safety initiatives and measures in the US 1 corridor, including:
  - Funding the construction of four pedestrian safety projects being designed in coordination with MDOT. The four projects are:
    - Brewers Court at US 1
    - Guilford Road at US 1
    - Rowanberry Drive at US 1
    - Dr. Patel Drive at US 1
  - Supporting sidewalk construction along US 1 southbound in the median between North Laurel Road and the Prince George's County line.
  - Providing technical assistance and support for Howard County's project to reconstruct US 1 from MD 175 to just north of Montevideo Road with pedestrian, transit and streetscape improvements.
  - Supporting the construction of a traffic signal at the entrance of future high school number 13 on US 1.

## US 29

- Restoring design and engineering funds for corridor improvements to US 29 near Rivers Edge Road including safe and convenient access to the River's Edge Community from both North and Southbound US 29 and accommodations for BRT; funding at least two transit buses to advance a joint effort with Montgomery County to integrate with the Flash service in Montgomery County; planning funds to advance long term planning for regional BRT service on the US 29 corridor.

# Immediate Funding Requests

- Funding the MD 32 Alternate Bike Route and recognizing the importance of its implementation in the next 2-3 years as MDOT completes its work to enhance MD 32 from MD 108 to I 70.
- MDOT partnership and funding for the intersection improvements along MD 108 at Centennial Lane.
- Capacity, pedestrian, and bicycle related improvements on MD 103 at US 29.
- Funding for the feasibility study for the Ellicott City/Oella Pedestrian Bridge.
- Providing technical assistance to advance the MD 103/US 1 and US 1/ Montevideo Road Projects intersection.

# Funding Requests

# Design & Engineering Projects

- I-70 Corridor
  - I-70: US 29 to US 40; widen one lane in each direction
  - Upgrade/reconstruct the I-70/Mariottsville Road interchange
  - Design and implement I-70/US 29 interchange capacity enhancements
- Pedestrian, ADA access, and safety improvements: design and construct pedestrian safety and sidewalk improvements in Howard County's pedestrian master and corridor plans.
- MD 175: Advance planning and design of existing access points into Columbia Gateway Drive area, an important focus of HoCo by Design, Howard County's general plan, including a third access point at MD 108 / MD 175 and direct access to Columbia Gateway Drive from I-95.
- MD 175: US 1 to Snowden River Parkway; continued comprehensive traffic modeling leading to design alternatives including the US 1/MD 175 and US 1/I-95 interchanges.
- MD 108: Guilford Road to Trotter Road; design and construct pedestrian, bicycle, automobile, and streetscape improvements.
- MD 175: US 1 to Dorsey Run Road; widening and reconstruction including final design and construction of the US 1/MD 175 interchange.
- Noise Walls: Design and construct noise walls at Dumhart Road, at the southwest corner of I-95 and the MD 216 interchange.

# Funding Requests

# Capital & Construction Projects

- Purchase rolling stock (buses) to replace vehicles that have exhausted their useful life to maintain a fleet with a state of good repair and to expand service on a number of the most traveled fixed routes.
- Purchase of rolling stock to support and fully integrate with Montgomery County's Flash system to advance enhanced regional transit service and linkages between Downtown Columbia and Montgomery County.
- BikeHoward implementation: Funding, support and cooperation to implement priority projects from Howard County's Bicycle Master Plan, a comprehensive strategy to improve bicycle infrastructure during the next 5 years. Significant projects include new shared-use pathways providing bicycle access into Downtown Columbia, Columbia Gateway, historic Savage, Elkridge, and along Dobbin Road, as well as a countywide wayfinding system
- MD 108: Construct intersection improvements along MD 108 at Ten Mills Road.
- MD 100 and MD 103: Replacement of the existing interchange.



# Requests for Technical Assistance and Support

- US 1 Projects: Advancing the Route 1 Corridor Master Plan.
- Widening of the Marriottsville Road Bridge over I-70 to enable future widening of Marriottsville Road north to MD 99 and south to US 40.
- North South Connector/Jug Handle: A major collector planned to connect the US 29/Broken Land Parkway interchange to Little Patuxent Parkway, including a spur off the existing northbound US 29 off-ramp pursuant to the Downtown Columbia Plan.
- Design and implementation of road capacity improvements at Broken Land Parkway/Snowden River Parkway and MD 32, including bicycle and pedestrian access improvements to Park and Ride lots.
- Designation of Downtown Columbia as a TOD and advancing work to designate the Laurel Park/City of Laurel MARC station areas as Maryland Designated TOD.
- Revise technical specifications for MTA Commuter Bus 201's route to improve access to BWI Airport via the MD 32/Broken Land Parkway Park and Ride lot and Downtown Columbia prior to solicitation of a new contract for the service in two to three years.

# Questions?

**David Cookson** | Planning Manager

Howard County Office of Transportation  
3430 Court House Drive | Ellicott City, MD 21043  
410.313.3842 (w) | 202.812.1300 (m)

**Age Friendly Transportation Workgroup Draft Recommendations - Item 4iii**

## Age Friendly Transportation Workgroup – Draft Goals and Objectives

Howard County will have a varied, efficient, and sustainable multimodal transportation system. This system will:

- be safe and affordable for users of all ages and abilities;
- be easy to understand, use and access;
- connect people to jobs, goods, services, and activities;
- facilitate active transportation (walking, biking, scooters)

	<b>Goals and Actions/Objectives</b>	<b>Priority (H, M, L)</b>	<b>Timeframe (S, M, L) &lt;1, 1-3, 3yr +</b>	<b>Responsible Party</b>
	Need to have a document/text that provides rationale for each			
	<b>Goal T1: Implement Howard County Complete Streets Policy to improve access to community services, increase investment in areas with vulnerable populations and allow alternatives to single occupancy vehicle</b>			
T1.1	Complete Design Manual Updates by October 2021 and promulgate new Development Regulations in support of new Design Manual elements by July 2022	High	Short	Complete Streets Implementation Team, DPW, OOT, DPZ
T1.2	Implement Transportation Improvement Prioritization Process (TIPS)	High	Short	OOT, Budget, DPW, County Admin
T1.3	Implement a more inclusive Community Engagement Process (CEP) to advance age friendly transportation projects	High	Short	OOT, DPW, DPZ,

## Age Friendly Transportation Workgroup – Draft Goals and Objectives

	<p><b>Goal T2: Prioritize and Implement elements of Pedestrian and Bicycle Masterplans (Walk Howard and Bike Howard) that address either increased walking/bicycling access to schools or increased senior access to services</b></p>			
T2.1	Develop a funding and implementation plan for Pedestrian Masterplan Improvements with timelines	High	Medium	OOT, DPW, DPZ Budget
T2.2	Identify high priority transit locations (supermarkets, health care and service centers) where transit ridership by Older Adults and persons with disabilities would increase with improved assistance/access between adjacent bus stops and destinations	Low	Short	OOT, DPZ, RTA, OAI
T2.3	Implement a user-friendly wayfinding system that will make pathways and long-distance pedestrian and bike routes more accessible	High	Short	OOT, DPW, SHA
T2.4	Ensure County Capital and Developer projects adhere to recommendations made by Complete Streets Implementation Team through Community Engagement Plan	High	Medium	DPZ

## Age Friendly Transportation Workgroup – Draft Goals and Objectives

<b>Goal T3: Maintain and Expand affordable transit options and/or alternatives to underserved areas/corridors with densities and populations that will benefit from access to transit</b>				<b>It is important to keep investing in what we have now.</b>
T3.1	Seek federal, statewide (grants) and/or regional funding solutions (legislation) in order to support implementation of at least 50 percent of the service recommended by the 2018 Transit Development Plan	High	Short and ongoing (for grants)	OOT
T3.2	Increase RTA ridership to and from public middle and high schools served by the RTA System	Medium	Short	OOT, HCPSS, RTA
T3.3	Improve senior and persons with disabilities access to and understanding of technology to access services virtually (e.g. telemedicine) thereby reducing physical trips	Medium	Medium	Center for ind living off of aging Faith based

## Age Friendly Transportation Workgroup – Draft Goals and Objectives for Consideration

<b>Goal T4: Increase Promotion/Use of existing services</b>  <b>Enhance training for Older Adults, persons with disabilities and disadvantaged populations on suitable transportation options that fit their mobility needs.</b>				RTA, OOT, Neighbor Ride
T4.1	Expand existing travel training programs for seniors by partnering with Senior Centers, Non-Profits and 55-plus communities to deliver those services including travel training technology to incorporate new mobile bus location (TransitApp), schedule and payment options	Medium	Medium	MTA, OAI, OOT
T4.2	Promote driver education and vehicle maintenance support for Older Adults to ensure continued safe operation of automobiles and help identify safety concerns including CARFIT.	High	Medium	
T4.3	Promote education to families and Older Adults with the physical and psychological process of transitioning from driving.	High	Medium	

## Age Friendly Transportation Workgroup – Draft Goals and Objectives

<b>Goal T5: Foster Innovation in, and the provision of alternative transportation options to supplement traditional fixed route transit, paratransit and single occupancy vehicle trips</b>				
T5.1	Improve access to mobility service sharing companies (e.g. E-Scooters, Lyft or Uber and GoGo Grandparent) to expand usage and explore financial incentives to help fund transportation for senior and economically disadvantaged populations	High	Medium	OOT
T5.2	Promote Neighbor Ride, as a transportation provider and a volunteer opportunity and increase collaboration with community-based organizations with access to underutilized vehicles	High	Short and Ongoing	<b>ALL</b>
T5.3	Issue new procurement for supplemental paratransit services contract with taxi and/or ride sharing companies	High	Short	RTA, OOT
T5.4	Ensure that HC Access Point (Call Center) staff and other information providers (faith based communities & other non-profits) are trained and up to date on all of the transportation options available to Older Adults	High	Short and ongoing	Office of Aging with support from transportation partners Housing, Medical providers, 55-plus
T5.5	Alternative Service Delivery Consider when things can be brought to people rather than carrying people to places for things			
<b>Goal T6 Implement Strategic Roadway Safety Plan for roadway elements (visibility, lighting) to create a safe and well-designed transportation system for older drivers</b>		High	Medium	DPW, OOT, SHA, HCPD, PIO



# **Development Project Report for the Howard County Multimodal Transportation Board March 23, 2021**

## **Item 5**

The Development Project Report for the Howard County Multimodal Transportation Board for plans going through the county review process.

The report is composed of:

1. Upcoming development related public meetings for projects with transportation impacts.
2. A selection of plans submitted since the last MTB on 2/23/2021 to about one week before the date of the Development Project Report (03/19/2021) This selection is based on staff assessment of plans that might be of interest to the MTB based on transportation impact, size and location.
3. Updates on already previously submitted development projects.

## Upcoming Public Meetings

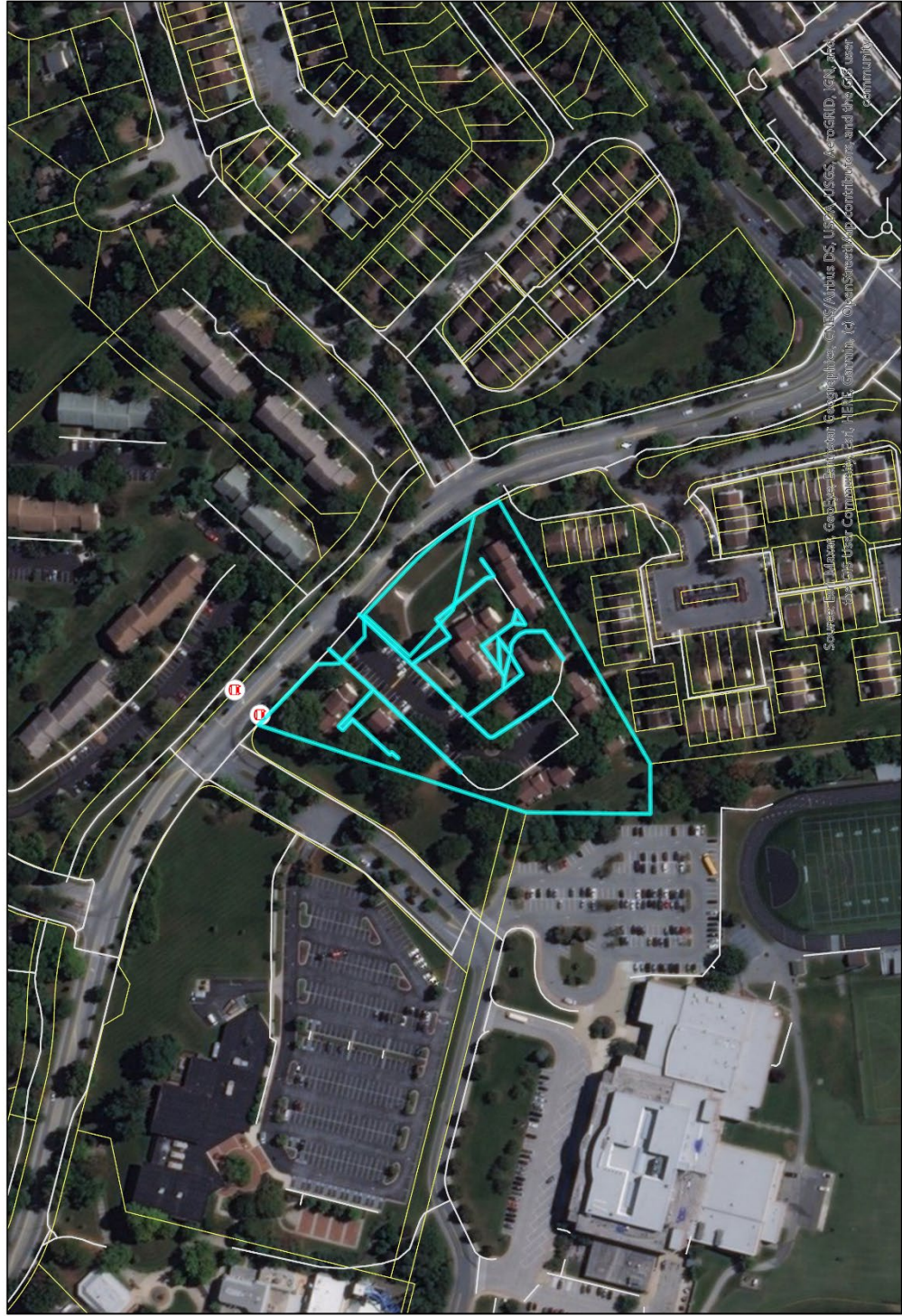
Project	Meeting Date	Meeting Type	Notes
ZB-1119M HRVC Ltd. Partnership, c/o Kimco Realty Corp.	March 24	Zoning Board	Redevelopment of Hickory Ridge Village Center to amend the Preliminary Development Plan (6430-6470 Freetown Road, Columbia, MD) Link to Zoning Board Website: <a href="https://cc.howardcountymd.gov/Zoning-Land-Use/Zoning-Board">https://cc.howardcountymd.gov/Zoning-Land-Use/Zoning-Board</a>
SDP-20-059 East Columbia Library Howard County Public Works	April 1	Planning Board	Department of Public Works is proposing a new 29,468 sf senior center and associated site improvements adjacent to the East Columbia Library Attachments: <a href="https://www.howardcountymd.gov/LinkClick.aspx?fileticket=0IzrDV5_iU8%3d&amp;portalid=0">https://www.howardcountymd.gov/LinkClick.aspx?fileticket=0IzrDV5_iU8%3d&amp;portalid=0</a>
SDP-20-027 Howard County Housing Commission	April 1	Planning Board	Howard County Housing Commission is proposing a four-story, 70-unit apartment complex and parking improvements adjacent to the existing Ellicott Gardens complex located on Waterloo Road. Attachments: <a href="https://www.howardcountymd.gov/LinkClick.aspx?fileticket=nA3iFSbREok%3d&amp;portalid=0">https://www.howardcountymd.gov/LinkClick.aspx?fileticket=nA3iFSbREok%3d&amp;portalid=0</a>
ZB 1118M - Erickson at Limestone Valley	April 7	Zoning Board	To rezone 62.11 acres from B-2 & RC-DEO to CEF-M for development of a continuing care retirement community and to permit the expansion/relocation and architectural enhancement of the existing Freestate Gasoline Service Station (MD 108, 12170 Clarksville Pike & p/o 5450 Sheppard Lane)  Webex Link: <a href="https://howardcountymd.webex.com/howardcountymd/onstage/g.php?MTID=e137c4d9391dd8f51d1fb2c6def6e38bc">https://howardcountymd.webex.com/howardcountymd/onstage/g.php?MTID=e137c4d9391dd8f51d1fb2c6def6e38bc</a>







Plan Name	Plan Number	Units	Description	OOT Comments	Bike/Ped	Transit	Next Steps
Roslyn Rise Address/Link: <a href="#">Project</a> 10339 Twin Rivers Rd, Columbia, MD 21044	SDP-21-030	163	This is a plan to replace a townhome development with a 2 building, 163 unit multi family development.	OOT requests bike parking in both buildings and questions the redundancy of the two sidewalks leading to Trumpeter.	Yes	Yes	Resubmit



Ⓡ Bus Stop  
 — Sidewalks  
 — Property Line

**SITE DEVELOPMENT PLAN**  
**ROSYLN RISE**  
 VILLAGE OF WILDE LAKE  
 SECTION 10, AREA 4, LOT 2 (PARCEL 272)  
 COLUMBIA, MD 21044

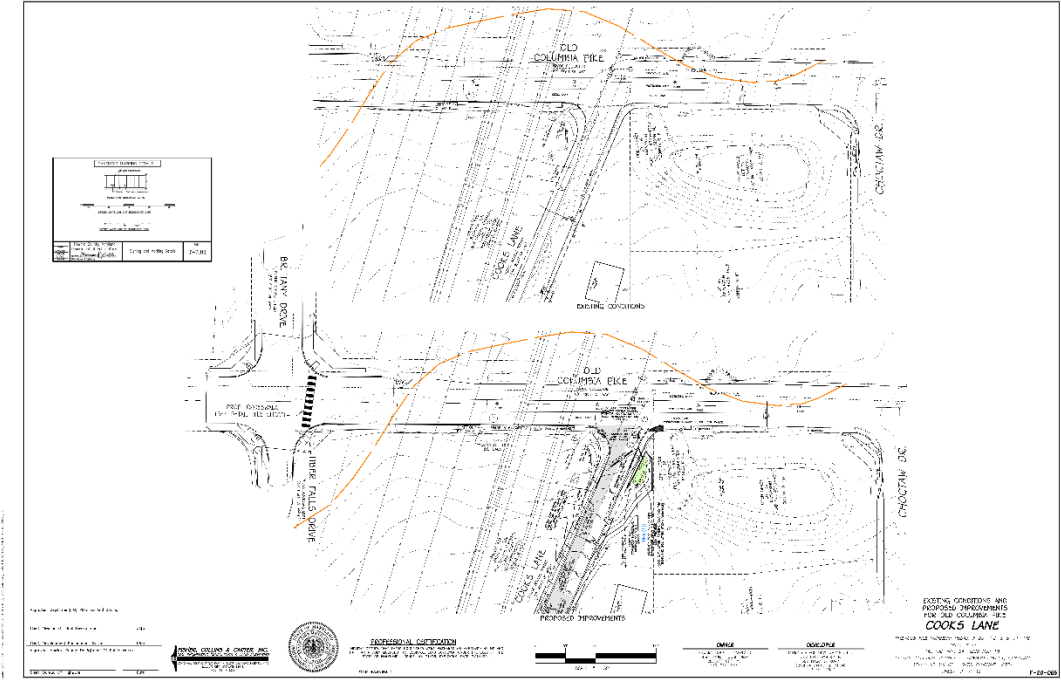
**VOCAL ENGINEERING**  
**TIMMONS GROUP**

DATE: 11/11/21  
 SCALE: 1" = 10'

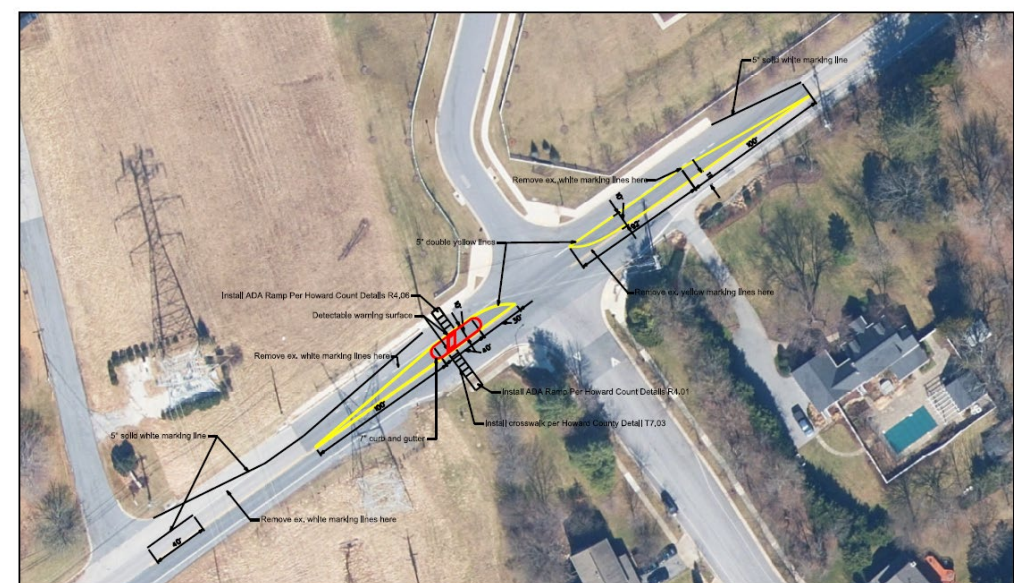
APPROVED: [Signature]  
 TITLE: [Title]  
 DATE: [Date]



Plan Name	Plan Number	Units	Description	OOT Comments	Bike/Ped	Transit	Next Steps
Dorsey's Ridge Address/Link: <a href="#">Project</a> 3969-3901 Cooks Ln, Ellicott City, MD 21043	F-20-066	N/A	This is the plan for the road/pathway improvements for Dorsey's Ridge.	At this stage, an important outstanding issue relates to the intersection of Brittany Drive and Old Columbia Road. The Zoning Board's decision and order called for a marked crosswalk at the intersection. OOT and DPW found the proposed design did not provide for a safe crossing of a four lane 45 MPH lane road. OOT and DPW developed guidance on a proposed design.	Yes	No	Resubmit



Revised



**Plan Review Updates on Previous Plans presented to the MTB**  
**Items in red text are changes/updates since the prior report**

Month entered for MTB	Plan Name	Plan Number	Roads/Streets	Number of Units/Sq. Ft.	Description	Comments	Bike/Ped	Transit	Plan Status/ Next Steps
Jun-19	Bethany Glen	SP-19-005	MD 99, Bethany Lane, & Longview Dr.	112 SFA and SFD units	This development is for 112 units with frontages on MD 99, Bethany Lane, and Longview Drive. The developer is providing some road improvements along the existing public road and the roads internal to the subdivision.	OOT instructed the developer to provide bike improvements, sidewalk extensions and to extend a proposed road to eliminate a Use in Common Driveway.	Yes	No existing transit	Plan was submitted, applicant contesting frontage on MD 99. <b>No update</b>
Apr-20	Lakeview Retail	SDP-20-042	Broken Land Parkway near Cradle Rock Drive	~8500 sq. ft	This project is a for a 8500 sq. ft one story two bay commercial building with a fast turn over restaurant and coffee shop. The project will have a drive through.	OOT is requesting the applicant provide sidewalk/pathway along the frontage to Cradlerock Rock drive and connect to an existing bus stop.	Yes	yes	OOT will be requesting resubmission. Met with applicant, tentative solution is to provide side path, sidewalk on adjacent property to Cradle Rock. Project went to HC planning board, denied. Applicant is considering appeal of the ruling. <b>No update</b>
Jun-20	Bethany Glen	BA-17-018C	MD 99, Bethany Lane, & Longview Dr.	154 SFA and SFD units	This is a conditional use zoning request, OOT is coordinating comments with DRP.	Will be asking for full frontage improvements along MD 99, as well as addressing potential pedestrian and potential speeding on one road.	Yes	No existing transit	Zoning Case. <b>No update.</b>
Jun-20	Talbott Springs ES	SDP-20-051	Whitacre Road	School	This site plan is for the new Talbott Springs Elementary School. The project is not proposing any changes to access points or frontage improvements.	OTT has requested bike parking and has provided guidance to the applicant on the type.	Yes	Yes, bus stop have been improved under the Whiteacre Road capital project.	Resubmit. Waiting for resubmission. <b>No update</b>
Jul-20	Keim Property	SDP-20-048	MD 99 at Toby Lane	4 Units	This is the site plan for 4 single family houses.	The applicant will be providing a fee in lieu to the sidewalk project on MD99 at Raleigh Tavern.	Yes	No existing Transit	Holding until waiver. DPW denying waiver, will provide frontage. <b>No update</b>
August-20	Columbia EZ Storage	Storage complex SDP-20-077	Berger Road/Snowden River Parkway	Self-Storage	This project will tear down an existing one story building and replace with a 4 story self-storage unit.	Frontage improvements on Berger, connection to Snowden River Pk/Intersection.	Yes	Yes	Update: OOT has requested frontage improvements on Berger Road since the project scope includes all five parcels. No update  Applicant has submitted update to plan with sidewalks on frontage on Berger Road. <b>Approved</b>

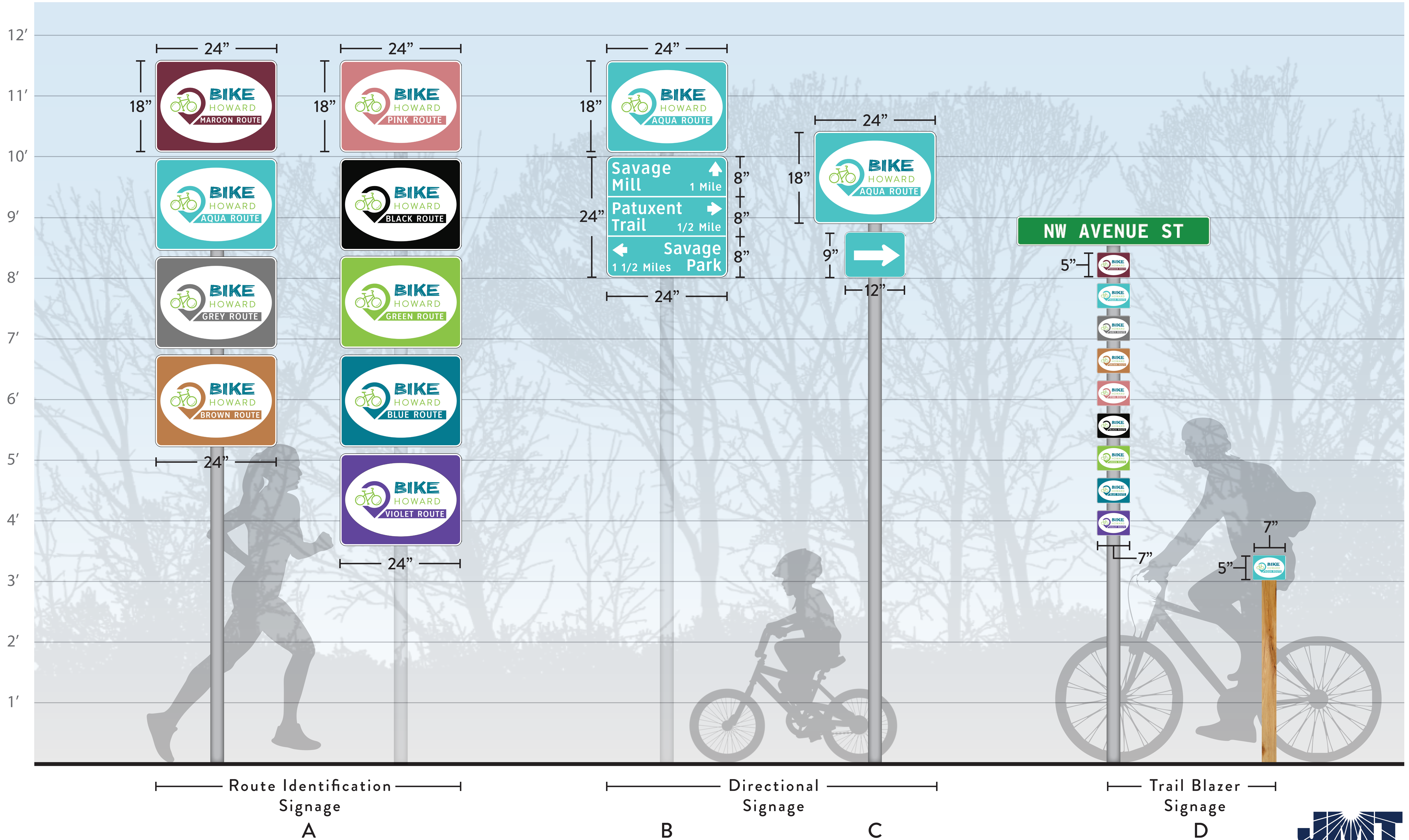


October-20	Oakland Ridge Industrial Park	SDP-21-003		Commercial Building	The applicant is proposing to demolish an existing commercial building and replace	The applicant has been asked to provide ADA access from the sidewalk to the building.	yes	Close to existing transit stop	Resubmit. <b>No update</b>
October-20	Chapelgate Woods	F-21-011	Marriottsville Road, Resort Road	134 attached units	This is the road plan for a 134 unit subdivision. The project will be aligning Albeth Road, providing crosswalks at Marriottsville Road to connect to Resort Road, and an internal loop trail. Coordinated with Marriottsville Road county capital project	OOT has commented on the width of the loop pathway and bike parking.	Internal trail system, ped access across Marriottsville Road.	No	Resubmit. <b>No update</b>
October-20	Roberts Property	SP-21-001	US 1 near Duckett's Lane	359 multifamily and attached single family houses, 7,300 sq. ft commercial.	The applicant is proposing to build a mix of townhouses and apartments on the former site of an automobile junkyard. This project was based on rezoning case no. ZB-1116M. The applicant is proposing new signals at Duckett's Lane and Troy Hill, along with a sidewalk/shared use path along US 1 to the south and north	Provide ped connections to Belmont station, confirm viability of sidewalk/pathway connection to the north and south, bus stop pad.	Yes	Yes	Resubmit, OOT is working with applicant to extend extending he shared use path to Loudon Ave. <b>No update</b>
December -20	Dorsey Overlook	SDP-20-074	MD 108 at Columbia Road	Site plan for 82 unit apartment.	OOT commented on coordinating with DWP on signal improvements at Columbia Road/Old Annapolis Road.		Ped access from 108/Columbia road intersection	Transition Old Annapolis Road.	Resubmit <b>No update.</b>
February 21	Bethany Glen ARAH	SP-21-002	9844-9898 Longview Dr Ellicott City, MD 21042	154 units of age restricted housing.	Applicant is proposing 154 units of age restricted housing in two areas, north and south of I 70.	OOT has requested the sidewalk segment extend to the firehouse to Postwick Road, sidewalk on internal roads as well bike lanes on MD 99.	No	Resubmit.	Applicant pushed back on the request to provide sidewalks on both sides of the road network in the development citing the zoning case material presented to the public which showed sidewalks on one side only. Approval would require a design waiver. The request for bike lanes on MD 99 could be partially fulfilled, however, since it is a state road, state policy does not support mandating a full bike lane if other improvements are not being made. <b>No update</b>
February 21	United Way Daycare	SDP-21-023	7125 Columbia Gateway Drive, Columbia	10,000 Sq Feet	Applicant is proposing a 10,000 square day care center	OOT, DPW, DPZ and the applicant have developed a solution for the applicant install three ADA complaint ramps, new ped crossing paint, a new bus stop pad to ensure and enhance pedestrian access to Columbia Gateway Drive. The plan will also include a note related to coordinating with the county as the Robert Fulton Pathway project advances.	Yes	Yes	Resubmit <b>Approved</b>



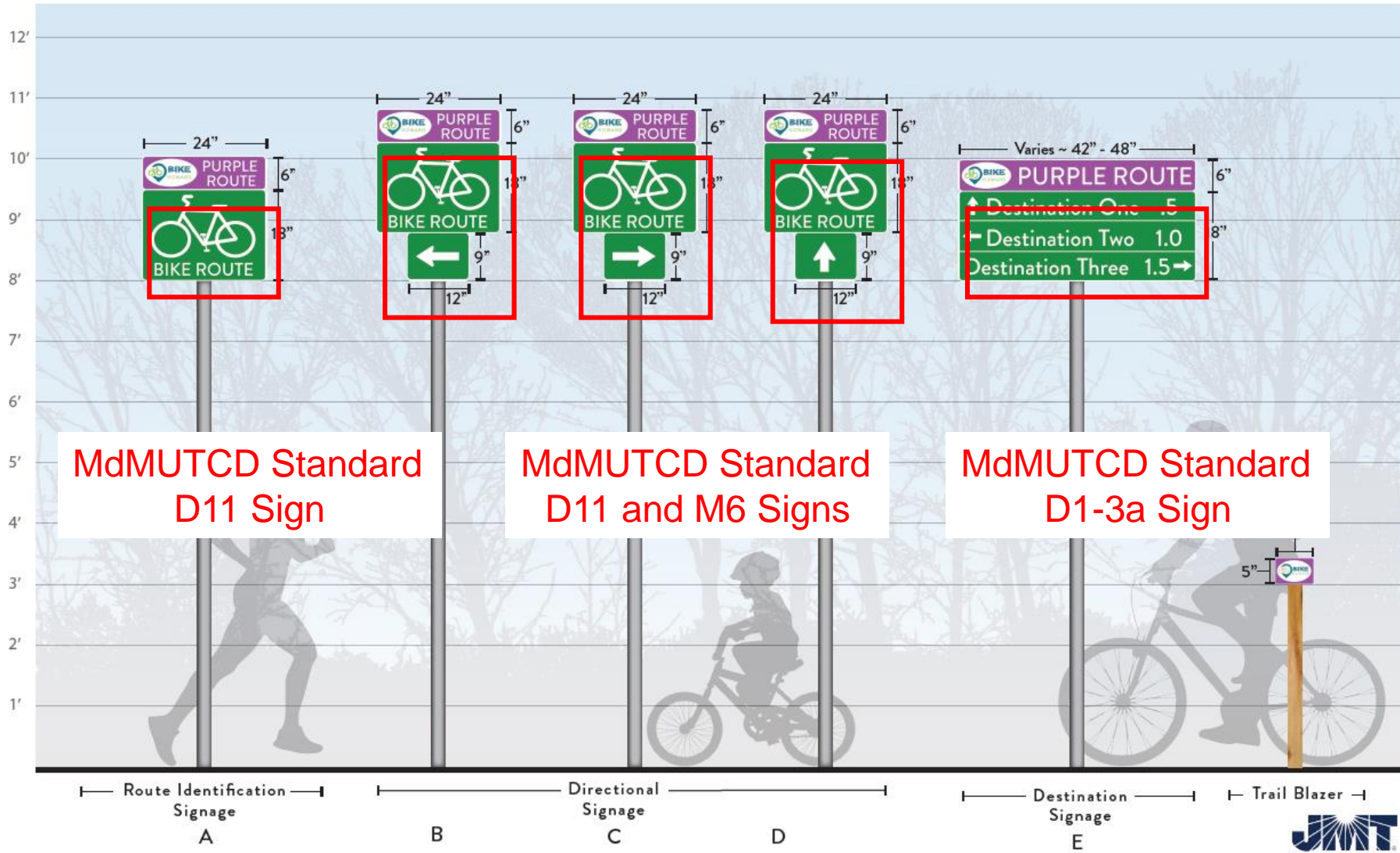
# Wayfinding - Community Wayfinding Program - Preferred Option

## Item 6i





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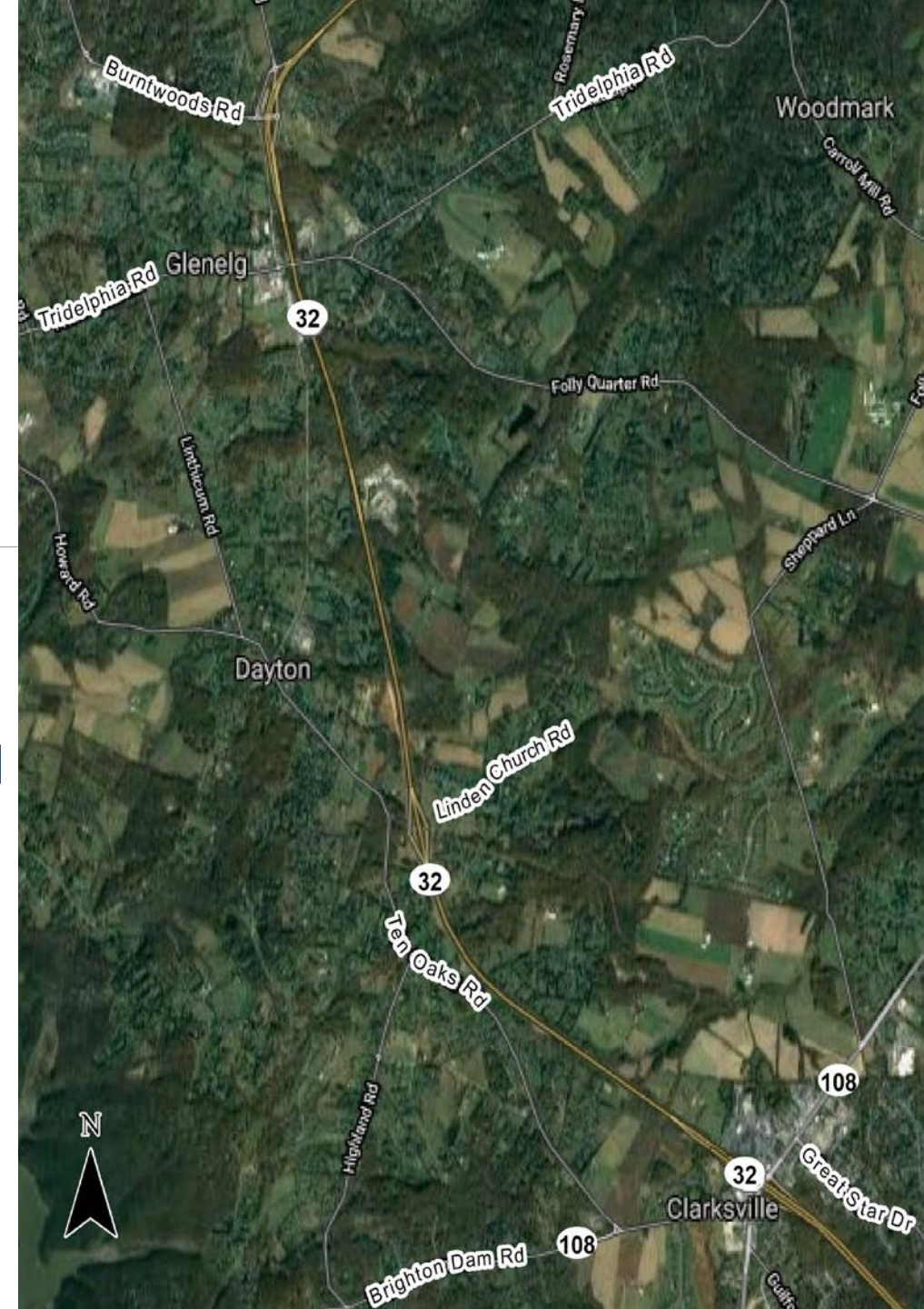
Annual Active Transportation Open House Report [Open House website](#)

## **Item 6ii**

Item 6iii

# MD 32 Alt Bike Study Objectives

- Identify bicyclist user types along the corridor
- Address operational obstacles with safe bicycle travel
- Minimize utility and right-of-way impacts
- Accommodate the Howard County Clarksville/River Hill Streetscape Study along MD 108





# MD 32 Alt Bike Study Study Area

- Pinch Point 1 – West side between Rye River Dr & Oakwood Overlook Ct - Priority 6
- Pinch Point 2 – West side between Oakwood Overlook Ct & Rutherford Way - Priority 5
- Pinch Point 3 – Both sides between Dayton Oaks Park School & Green Bridge Rd - Priority 3
- Pinch Point 4 – Both sides between Green Bridge Rd & Aerie Ct - Priority 4
- Pinch Point 5 – West side between Talon Ct & Smallwood Ct - Priority 7
- Pinch Point 6 – Both sides between Brighton Dam Rd & MD 108 - Priority 1
- Sign the Alternate Route is Priority 2

