

FY 20 - 23 Vehicle Replacement Plan for RTA

Vehicle Types	Current Fleet	% Replacing	Total # Replacing	Vehicle Replacements Received, Ordered and Planned			
				FY 20	FY 21	FY 22	FY 23
Heavy and medium-duty buses	38	52.6%	20	8	3	2	7
Light-duty cutaways	21	71.4%	15	0	0	9	6
Sedans	8	100.0%	8	4	2	0	2
Vans	5	0.0%	0	0	0	0	0
TOTAL	72	59.7%	43	12	5	11	15

Ordered and received
Ordered but not received
To be ordered

FY 20 - FY 23 Replacement Vehicle Funding Sources

Funding Source	Total Funds	% of Total
Federal	\$7,891,312	81.17%
State	\$169,004	1.74%
Local	\$1,661,353	17.09%
TOTAL	\$9,721,669	100.00%

\$3 Million of this is Federal ARP Funds, the remainder are formula funds

RTA Transit Stop Improvements FY 2020 - FY 2022

The RTA System has 683 Bus Stops spread across 3 Member Counties & Laurel

Howard County:	489
Anne Arundel/PG/City of Laurel:	192
Number of Shelters in RTA System:	63

Recent Bus Stop Improvements in Howard County

Status	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Completed	10	42	54	14	15	10	162
In Planning	-	-	-	-	-	14	14
Total	10	42	54	14	15	24	176

Types & Cost of Completed Bus Stop Improvements FY 20 – FY 22

Improvement Type	Number of Locations	Costs	Average Cost by Type
Accessibility Improvements <ul style="list-style-type: none"> • ADA Pedestrian Pad • Sidewalk Connections • Curb Ramps 	20	\$105,787	\$5,289
Shelter Improvements <ul style="list-style-type: none"> • New Shelter Installation 	5	\$96,656	\$19,331
TOTAL	25	\$202,443	\$8,098

Notes:

- a) A location may have multiple improvement types. There is some overlap between the Accessibility and the shelter improvements
- b) The new shelter installations during this period utilized existing surplus shelters. New shelters will cost approximately \$12,000.
- c) The vast majority of stops without shelters represent locations with less than 10 boardings per day

RTA Transit Stop Improvements FY 2020 - FY 2022

BUS STOP LOCATION	TYPE OF IMPROVEMENT	STIG FUNDED?	STATUS AS OF AUGUST 2021
Assateague Dr / Conowingo Dr (1)	ADA landing pad; Sidewalk connection; Curb ramp	YES	COMPLETED
Broken Land Parkway / Gramercy (north of Little Patuxent)	Shelter, Sidewalk connection, Curb ramp	YES	PLANNING
Broken Land Pkwy / Stevens Forest Rd (Southbound)	Shelter, Sidewalk connection, Curb ramp	YES	PLANNING
Cedar Ln / Rock Coast Rd (Northbound)	ADA landing pad; Shelter	YES	COMPLETED
Columbia Gateway Dr / Samuel Morse Dr (1)	ADA landing pad	YES	PLANNING
Corridor Rd / Junction Dr (Northbound)	ADA landing pad; Knee wall	YES	COMPLETED
Corridor Rd / Junction Dr (Southbound)	ADA landing pad; Sidewalk connection; Curb ramp	YES	COMPLETED
Little Patuxent Pkwy / Lone Tree Ct (1)	ADA landing pad	YES	COMPLETED
Little Patuxent Pkwy / Dark Fire Way	ADA landing pad	YES	COMPLETED
Little Patuxent Pkwy / Green Meadow Dr	ADA landing pad; Bench; Sidewalk connection	YES	COMPLETED
Little Patuxent Pkwy / opposite White Cord Way	ADA landing pad	YES	COMPLETED
Little Patuxent Pkwy / White Cord Way (1)	ADA landing pad	YES	COMPLETED
Mall in Columbia	Digital Sign	YES	PLANNING
Mall in Columbia / South Lot (Eastbound)	(2) Shelters	YES	PLANNING
Oakland Mills Road / Malindy Circle (Northbound)	ADA landing pad	NO	COMPLETED
Phelps Luck Dr / High Tor Hill	ADA landing pad	NO	COMPLETED
Phelps Luck Dr / Lightspun Ln (1)	ADA landing pad; Sidewalk connection	YES	COMPLETED
Phelps Luck Dr / Sheerock Ct (1)	ADA landing pad	YES	COMPLETED
Phelps Luck Dr / Thurso Ct (both sides) (1)	ADA landing pad; Curb ramp	YES	COMPLETED
Robert Fulton Dr / Lee Deforest Dr (Eastbound)	ADA landing pad; Sidewalk connection; Curb ramp	YES	COMPLETED
Robert Fulton Dr / Lee Deforest Dr (Westbound)	ADA landing pad; Sidewalk connection; Curb ramp	YES	COMPLETED

RTA Transit Stop Improvements FY 2020 - FY 2022

BUS STOP LOCATION	TYPE OF IMPROVEMENT	STIG FUNDED?	STATUS AS OF AUGUST 2021
Stevens Forest Rd / Jacobs Ladder	ADA landing pad	NO	COMPLETED
Stevens Forest Rd / Kilimanjaro Rd (1)	ADA landing pad	NO	COMPLETED
Thunder Hill / Twin Knolls Rd	Expand landing pad	NO	COMPLETED
Towne Centre Laurel	2nd Shelter; Expand sidewalk connection to curb; Landscaping	YES	COMPLETED
Washington Blvd / Blue Stream Dr (Southbound)	ADA landing pad; Sidewalk connection; Curb ramp; Shelter	YES	COMPLETED
Washington Blvd / Cooney Ln (Southbound)	ADA landing pad;	YES	COMPLETED
Washington Blvd / Dorsey Rd (Northbound)	Replace Shelter	NO	COMPLETED
Washington Blvd / Elkridge Corners Shopping Center	Expand landing pad; Shelter	YES	COMPLETED
Washington Blvd / Meadowridge Rd	ADA landing pad; Shelter	YES	COMPLETED
Washington Blvd / Troy Hill Dr	ADA landing pad; Shelter	YES	PLANNING
Columbia Gateway @ Albert Einstein (Oracle Bldg.)	ADA landing pad	YES	PLANNING
Normandy Shopping Center	Shelter	NO	PLANNING
US 1 SB @ Loudon Avenue	Shelter	NO	PLANNING
HoCo High School #13 NB & SB	Shelters	NO	PLANNING
Rogers Avenue	ADA landing pad	NO	PLANNING
Walmart (N. Ridge Road)	Shelter?	NO	PLANNING
Guilford Rd. @ Stayton	ADA landing pad?	NO	PLANNING
N. Ridge Road	Shelter	?	CONCEPTUAL

Locations currently being planned

(1) Stop co-located with MTA stop

Notes:

- a) Actual Stops to be improved will depend on final designs and cost estimates of improvements.

Development Project Report for the Howard County Multimodal Transportation Board February 22, 2022

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

The report is composed of:

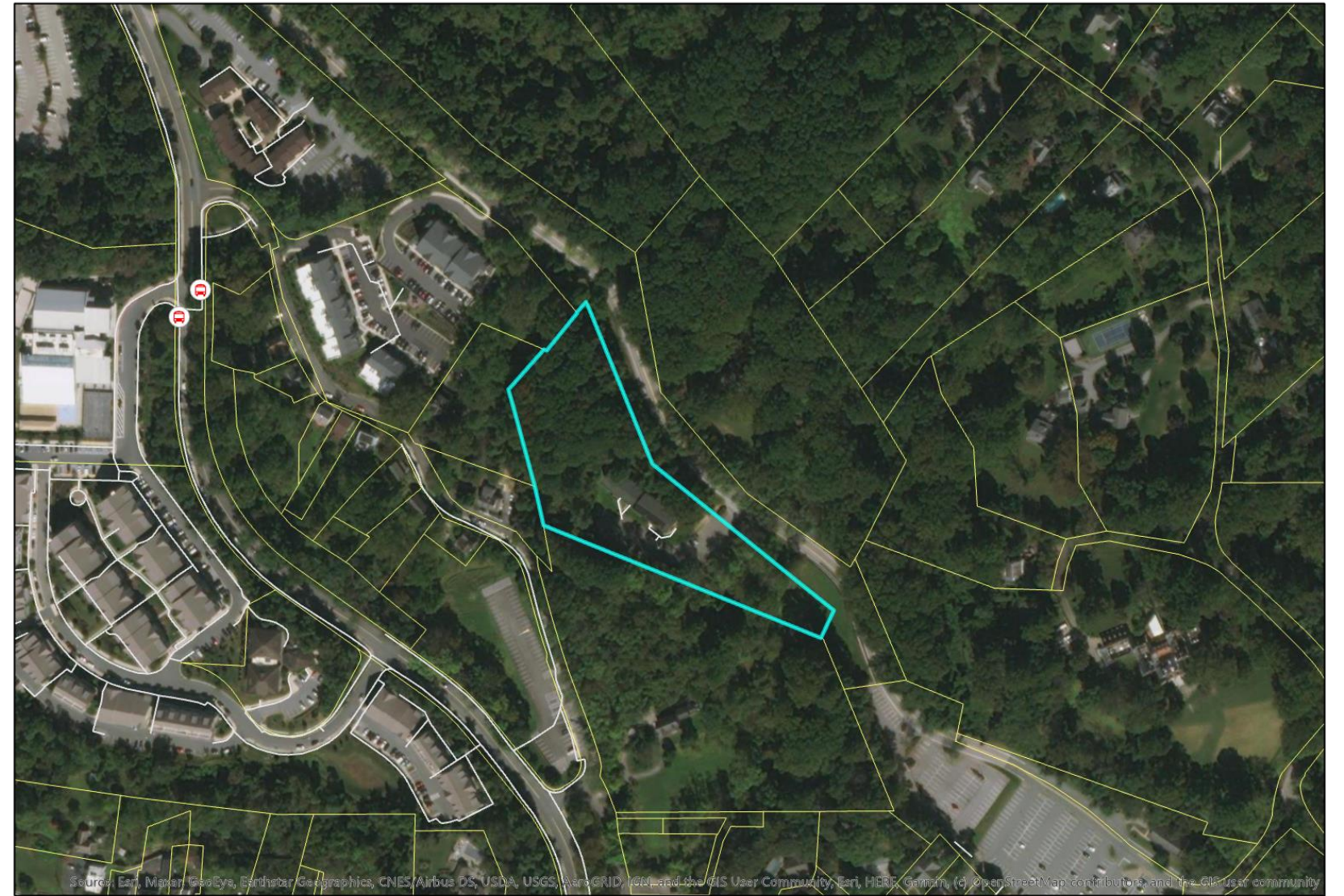
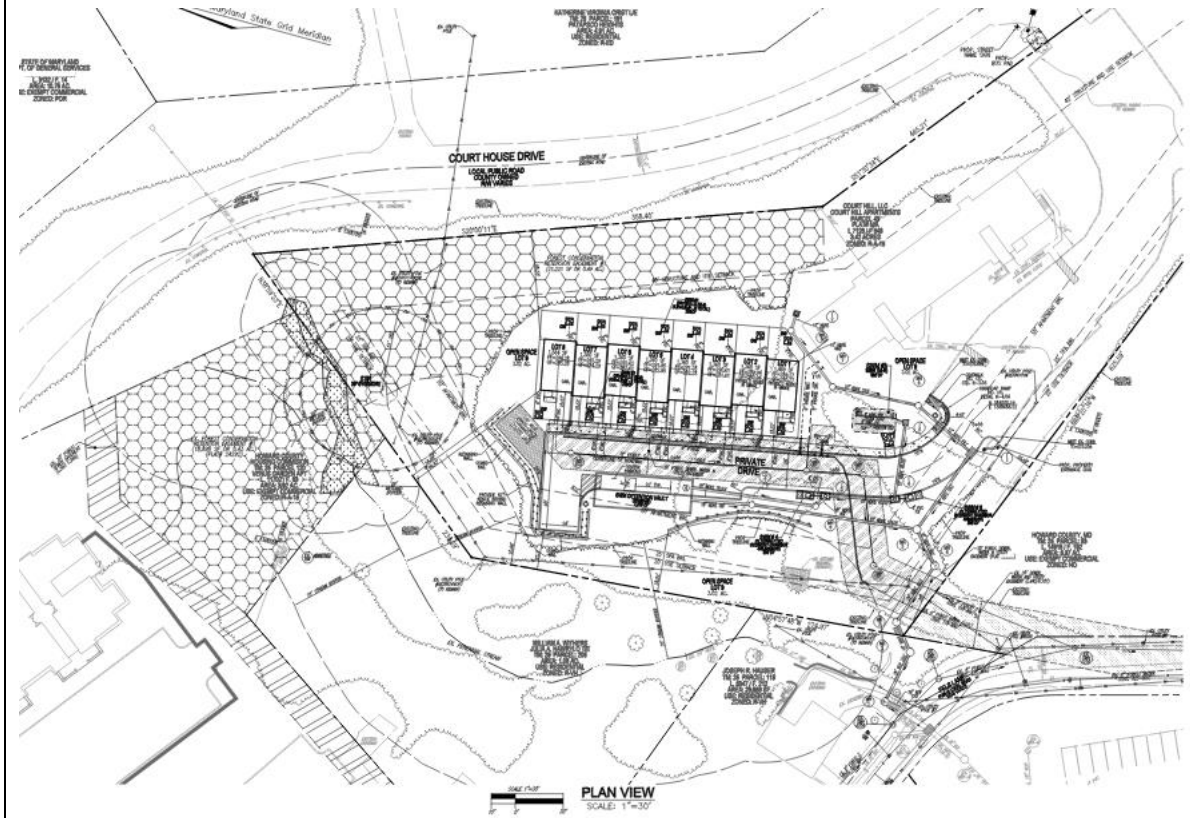
1. Upcoming development related public meetings for projects with transportation impacts.
2. A selection of plans submitted since the last MTB on 1/25/2021 to about one week before the regularly planned MTB meeting on 2/22/2022. This selection is based on staff assessment of plans that might be of interest 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
BA 19-042C - Sean Witt	March 24	Board of Appeals	<p>Appeal the Hearing Examiner Decision and Order Dated July 28,2021 regarding the conditional Use for a pet grooming and day care facility (11762 Carroll Mill Road, Ellicott City)</p> <p>Location: Hybrid Hearing – Banneker Room and WebEx (Registration: https://howardcountymd.webex.com/howardcountymd/onstage/g.php?MTID=ed6f2d7622f1dd7659cd25dd271ca6b54)\</p>
ZB 1126M Howard County Dept. of Public Works (Courthouse)	To be scheduled	Zoning Board	To change the zoning of the former Howard County Courthouse properties totaling approx. 6.19 acres from HO (Historic Office) to HC (Historic Commercial) (8360 Court Avenue, 1 Park Ave. & 3716 Court Place)

Newly Submitted Development Plans

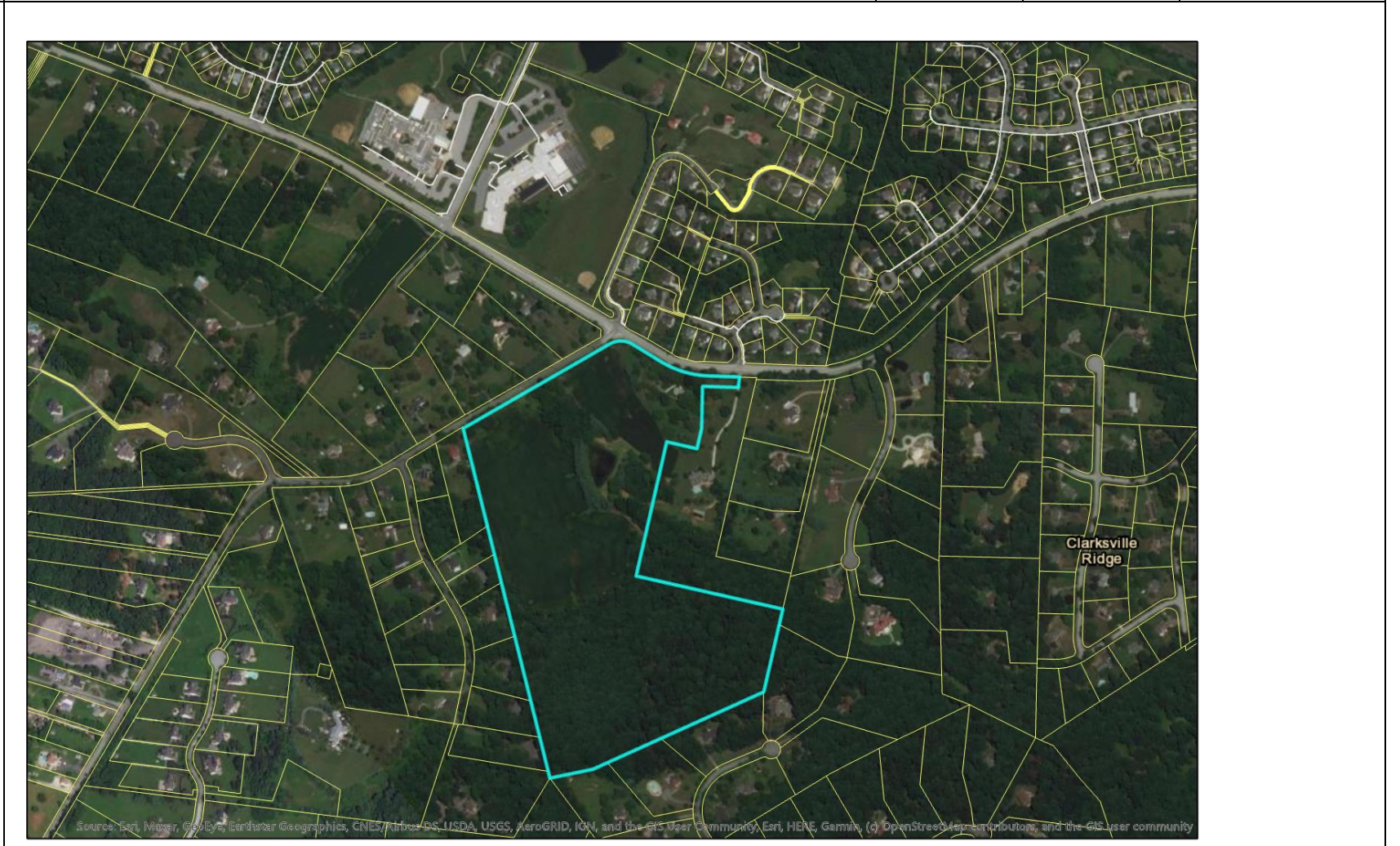
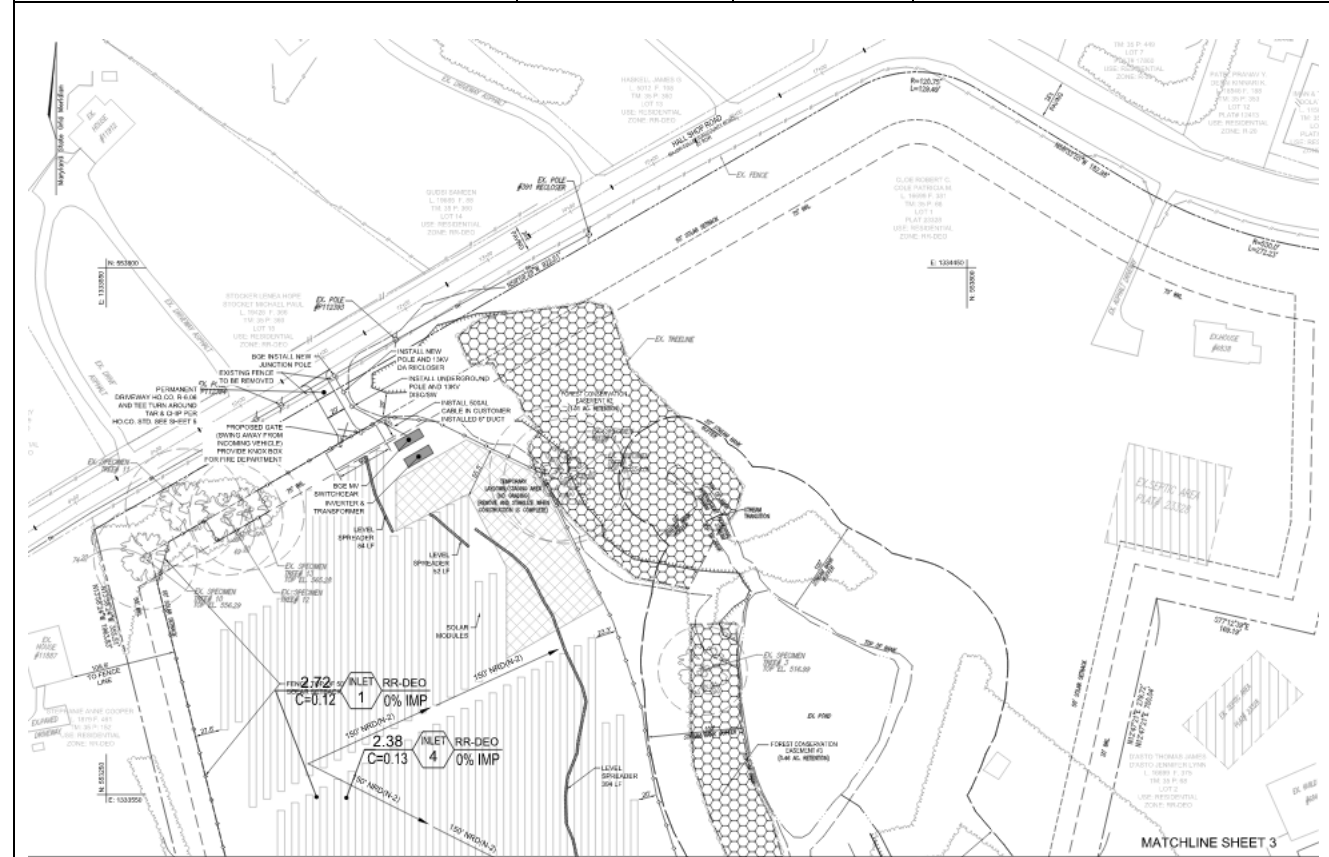
Plan Name	Plan Number	Units	Description	OOT Comments	Bike/Ped	Transit	Next Steps
The Towns at Court Hill	P-22-002	8 SFA	8 townhomes on Court Hill Apartments lot	OOT asked for additional sidewalk frontages along Court House Drive	Yes	No	Resubmit



N

- Bus Stop
- Sidewalks
- Property Line

Plan Name	Plan Number	Units	Description	OOT Comments	Bike/Ped	Transit	Next Steps
TPE MD H093 LLC	SDP-22-022	N/A	Solar farm on Hall Shop Road near Guilford Road in proximity to existing subdivisions and a school.	OOT is asking for full sidewalk frontage and requesting the developer to work with us on a road shoulder widening.	Yes	No	Resubmit



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS user community, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community

- Bus Stop
- Sidewalks
- Property Line

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
Jan-22	Beechwood Manor	P-22-001	9100 Block River Hill Road	31 units	SFD and SFA homes on infill lot	OOT asked for crossing and ramp to be improved and clarification for how it interacts with adjacent driveway, as well as potential park access to the south.	Yes	No	No update.
Nov-21	The Mall In Columbia Redline Revision	SDP-97-158	Downtown Columbia	N/A	Proposed ADA Sidewalk, crosswalk and ramp for Little Patuxent Parkway Crossing to replace bridge from Rouse building site.	OOT commented that the LPP crossing should have a lead pedestrian interval of 7 seconds and the pedestrian crossing of the Whole Foods entrance should be on recall.	Yes	Yes	OOT submitted comments. No update.
Aug-21	Corridor Square Parcel B	SDP-21-051	MD 103 /Meadowridge	20 units	Residential and commercial.	Please provide accessible ped signal improvements to/from the US 1 NB stop including curb ramps and crossing ped improvements.	Yes	No	Resubmit. OOT is continuing to discuss signal improvements near the site. No update.
June-21	Paddock Pointe – Phase 4	SDP-21-037	12201 Laurel Park Blvd, Laurel 20723	368 apartments		OOT would like to see the addition of bicycle parking and pedestrian design improvements.	Yes	No	Resubmit. No update.
May-21	Enclave at Hines Farm	SDP-21-038	Approximate Address: 10752 Scaggsville Rd, Laurel, MD 20723	63 age restricted, 34 SFD/29 townhomes		Connect the new street to Tipton Drive and Jandy Avenue to create a new through street. Extend sidewalk frontage along entirety of project on Scaggsville Road until the intersection at Jandy Avenue. Bike plan calls for the addition of sharrows.	Yes	No	Resubmit. No update.
Apr-21	G&R Maple Lawn	ZB-1127M	Northside of Scaggsville Road near Murphy Road	505	This is a rezoning request to increase the approved number of housing units by 473 in one portion of Maple Lawn.	<p>Bike lanes on the full project frontage, including extending the bike lanes to Maple Lawn Blvd.</p> <p>The entrance road into the community does not appear to have direct driveway access and the traffic study did not reference a proposed classification, the design speed of the road should reflect the county's complete streets policy.</p> <p>The importance of the proposed connection to Federal Street is referenced several times. This connection will provide both redundancy and access; completing this connection is critical to overall operations.</p> <p>The entrance road from MD 216 into the site should include a 10 foot wide shared use pathway. The pathway element should continue along the proposed internal road network to the intersection with Federal Street.</p> <p>The proposed pathway connection to the school site does not provide a high quality connection to and through the school campus, as well as the other phases of Maple Lawn. To ensure this phase integrates with other phases of Maple Lawn, especially the commercial sections, the petitioner should develop, in coordination with the Howard County School System, a visible, lit and well-designed gateway pedestrian and cyclist connection to West Market Place.</p> <p>The petitioner references providing public transit facilities in the business and other districts. Howard County is planning to implement an extension of the Flash transit line from Montgomery County to Downtown Columbia, via Maple Lawn Boulevard and Johns Hopkins Road. This route will require several new stops, including potential stops on Maple Lawn Boulevard at MD 216 and Johns Hopkins Road. The petitioner should coordinate with OOT to locate stops, and</p>	Yes	Yes	DPZ staff report completed. No update.

						contribute funding, to construct bus stops. The petitioner references a Transportation Demand Management Plan. Reviewed by zoning board.			
Feb-21	Wellington Farms Phase 1 Section 1 Address/Link: Project 10400-10472 Graeloch Rd, Laurel, MD	F-21-025			This is the road plan for a section of phase 1 of the 395 single family attached and detached development .	Following feedback from DPW related to the capacity at the intersection of Graeloch/Aurora Way. OOT, DPW and DPZ have requested the applicant provide a ped refuge island at the intersection. At this phase of the project, a traffic signal is not warranted by the MUTICD. Additionally, the applicant will widen to the proposed pathway on Leisher to 10 feet.	Yes	No	No update.
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 OOT requested the project extend a sidewalk around the cul de sac to access the future park/rec. facility and also add bike parking for the admin portion of the building. well bike lanes on MD 99.	Yes	No	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. Developer resubmitted, OOT is requesting additional sidewalk along the frontage and 6' bike lane striping.
October-20	Roberts Property (Elms at Elkridge	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 the shared use path to Loudon Ave. No update.
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. No update.
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. No update.
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. No update.
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. Currently awaiting Board of Appeals. No

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Plans removed from table									
Emerson	SDP-21-017								
Columbia EZ Storage	SDP-20-077								
United Way Daycare	SDP-21-023								
Elms at Elkridge	SDP-21-001								
Chapelgate Woods	F-21-011								
Talbott Springs ES	SDP-20-051								
Bethany Glen	SDP-19-005								
Westmount Phase IV	F-21-032								
Roslyn Rise	SDP-21-030								
Dorsey Overlook	SDP-20-074								
Woodmere Retail	SDP-21-045								
Maple Lawn School	SDP-21-050								