



Maryland Department of Transportation Kim Lamphier Bikeways Network Program

2022 Annual Report

The Kim Lamphier Bikeways Network Program provides grant support for a wide range of bicycle network development activities. The Program supports projects that maximize bicycle access, fill missing links in the state's bicycle network, and enhance last-mile connections to work, school, shopping, and transit. The Bikeways Program seeks to leverage past investments in bicycle facilities, complement existing state, local, and federal programs, and promote biking as a fun, healthy, and safe transportation mode.

The Bikeways Program is a competitive, reimbursement-based grant program funded through the Maryland Transportation Trust Fund. The Program is open to local government agencies and other eligible entities for the design and construction of transportation infrastructure. The Bikeways Program has supported a broad range of bicycle projects from feasibility studies and preliminary designs to more complex construction projects. The Program is not intended to be used for creating local bicycle master plans but has been particularly successful in supporting local development of initial project design plans, and helping create a pipeline of prioritized projects that can attract additional funding sources, such as the Transportation Alternatives Program.

Completed Projects

The Bikeways Program requires that design and minor retrofit projects be completed within two years, and that construction projects be completed within three years. The number of projects being completed in any given year varies depending on the previous years' awards and project schedules. While the Bikeways Program funds projects for design and construction,



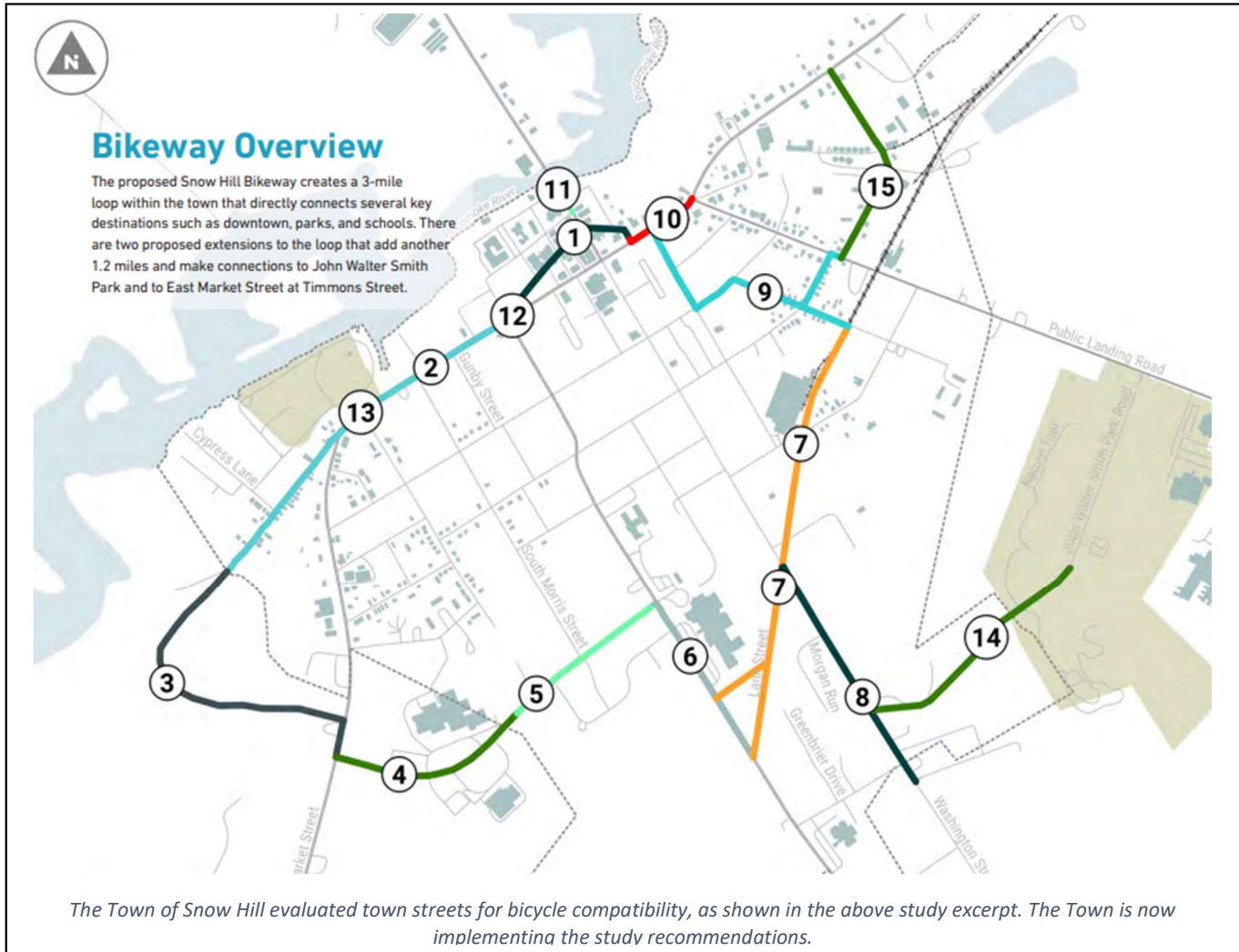
The Wayne Gilchrest Rail Trail in Chestertown extends north of MD 291 (Morgnec Road) to the Fox Manor neighborhood.

most Bikeways projects will have additional design phases prior to construction. Several projects continue to experience delays brought on by the COVID-19 pandemic which created significant barriers for public outreach and staffing shortages. Grant extensions have been provided to complete these projects as noted in the [ON-GOING PROJECTS section](#).

The following Bikeways Program projects were completed in 2022.

Grantee	Project Title	Project Description	Project Type	Award Total*
Charles County Department of Planning & Growth Management	Indian Head Rail Trail Extension Feasibility Study	A study to determine shared-use path alignments between the Indian Head Rail Trail and the Three Notch Trail. Charles County is now implementing various sections of the plan.	Design	\$55,939.90
Town of Chestertown	Gilcrest Rail Trail, Phase 4	The construction of a shared-use path from existing Gilcrest Trail to Fox Manor development.	Construction	\$155,624.97
Howard County Office of Transportation	Dobbin Road Pathway, Phase 2	The 30% design for a shared-use path along Dobbin Road between MD 175 and McGraw Road.	Design	\$97,953.54
Ma & Pa Heritage Trail Foundation	Bike Repair Station	The purchase and installation of a bike fixit stand on the north end of the Ma & Pa Trail.	Minor Retrofit	\$1,692.00
Montgomery County Department of Transportation	Cheltenham Drive to Pearl Street Bikeway Improvement Feasibility Study	The feasibility study for a low-traffic-stress bike route through Bethesda.	Design	\$17,500
Montgomery County Department of Transportation	Automated Bicycle Count Program	The purchase and installation of automated bicycle counters within the Bicycle Pedestrian Priority Areas.	Minor Retrofit	\$29,075.00
City of Salisbury Infrastructure & Development Department	West College Avenue Bike Facility Design	The final design for a low-stress bikeway on West College Avenue between Riverside Drive and US 13 (Salisbury Boulevard). The project will go to construction.	Design	\$29,608.00
Town of Snow Hill	Snow Hill Bikeway Feasibility Study	The study evaluated select town roadways for bicycle improvements. The Town is preparing to implement the study recommendations.	Design	\$47,915.20
City of Takoma Park Department of Housing & Community Development	New (Hampshire) Avenue Bikeway	The semi-final design of a protected bikeway on New Hampshire Avenue between Auburn Avenue and Poplar Avenue (Section B). The entire New Ave Bikeway design will be complete in 2024.	Design	\$207,903.88

*Award totals represent the amount reimbursed for the project. Award totals may differ from awarded amounts when projects are completed under budget.



Awarded Projects

For the FY 2023 grant cycle, MDOT awarded 21 Bikeways projects totaling \$2.6 million. Project awards were made across the state and include funding for five minor retrofit and 16 design projects. No construction projects were awarded. Most of this year's awards address major low-traffic-stress gaps in the state's bicycle network. The Bikeways Program issued fewer FY23 awards because of higher than usual funding levels available at the federal level through the Transportation Alternatives Program (TAP) or Congressional Appropriations.

Grantee	Project Title	Project Description	Project Type	Award Amount
Annapolis Department of Planning & Zoning	College Creek Connector	The final design of the College Creek Connector	Design	\$240,000.00
Anne Arundel County Office of Transportation	South Shore Trail to B&A Trail Network Gaps	The final design of shared-use paths along Taylor Avenue and Housley Road	Design	\$153,320.00
Baltimore City Department of Transportation	Bike Counters Installation Program	The purchase and installation of additional bicycle counters	Minor Retrofit	\$98,400.00

Grantee	Project Title	Project Description	Project Type	Award Amount
Baltimore City Department of Transportation	MLK Sidepath Final Design	The final design of a shared-use path along Martin Luther King, Jr. Boulevard.	Design	\$120,800.00
City of Cambridge	Cambridge Bike Lane Feasibility Study/Preliminary Design	The preliminary design for bikeways along select city streets.	Design	\$32,000.00
Frederick County	Frederick & Pennsylvania Rail Trail, Phases 2 & 3	The final design of a rail-with-trail between Fountain Rock Park and Glebe Road.	Design	\$360,000.00
City of Gaithersburg	I-270/NIST Shared Use Path	The semi-final design of shared-use path along I-270 between Diamond Avenue and Muddy Branch Road.	Design	\$200,000.00
Town of Galena	Galena Shared-Use Path	The preliminary design of a shared-use path along MD 213 between Cross Street and Toal Park.	Design	\$160,000.00
City of Laurel	Cherry Lane Sidepath	The feasibility study and preliminary design for a bikeway along Cherry Lane.	Design	\$32,000.00
Montgomery County Department of Transportation	Good Hope Road Shared Use Path Extension to Spencerville Local Park	The final design of a shared-use path along Good Hope Road to Spencerville Local Park.	Design	\$128,000.00
City of Rockville Department of Public Works	Martins Lane Bicycle Lanes Feasibility Study and Preliminary Design	The evaluation of a low-stress bikeway along Martins Lane in Rockville.	Design	\$52,000.00
City of Rockville Department of Public Works	City of Rockville Permanent Bicycle and Pedestrian Counters	The purchase and installation of automated bicycle and pedestrian counters throughout the city.	Minor Retrofit	\$41,940.00
City of Salisbury Infrastructure & Development Department	Salisbury Rail Trail, Phases 2 & 3	The final design of the Salisbury Rail Trail between Milford Street and College Avenue.	Design	\$139,700.00
City of Salisbury Infrastructure & Development Department	Citywide Bike and Ped Counting Program	The purchase and installation of automated bicycle and pedestrian counters throughout the city.	Minor Retrofit	\$49,334.00
City of Salisbury Infrastructure & Development Department	Salisbury Naylor Mill Connector	The construction of a low-stress bikeway between Naylor Mill Park and Salisbury Boulevard.	Minor Retrofit	\$100,000.00
Town of St. Michaels	St. Michael's Shared-Use Path Feasibility Study	The study and preliminary design of extending the St. Michaels Trail to Perry Park.	Design	\$28,000.00

Grantee	Project Title	Project Description	Project Type	Award Amount
City of Takoma Park Department of Housing & Community Development	Maple Avenue Complete Street Redesign	The study and design of a low- stress bikeway along Maple Avenue.	Design	\$304,000.00
Community Foundation of Carroll County, Inc.	Biking Taneytown	The purchase and installation of bike racks around Taneytown.	Minor Retrofit	\$13,600.00
Tri-County Council of Southern Maryland	Smallwood Drive Shared Use Path Design	The 30% design of a shared-use path along Smallwood Drive from Middletown Road to St. Charles Parkway.	Design	\$158,233.67
University of Maryland, College Park	Design Study for University of Maryland Bicycle Infrastructure Enhancements	The evaluation and preliminary design of bikeways along candidate campus corridors.	Design	\$160,000.00
Worcester County Public Works Department	MD 611 Shared-use Path Feasibility Study	The study and preliminary design of a shared-use path along MD 611 between US 50 and Assateague Island.	Design	\$27,280.12
FY23 AWARD TOTAL				\$2,598,607.79
Construction				\$0
Minor Retrofit				\$303,274.00
Design				\$2,295,333.79

Status of Ongoing Bikeways Projects

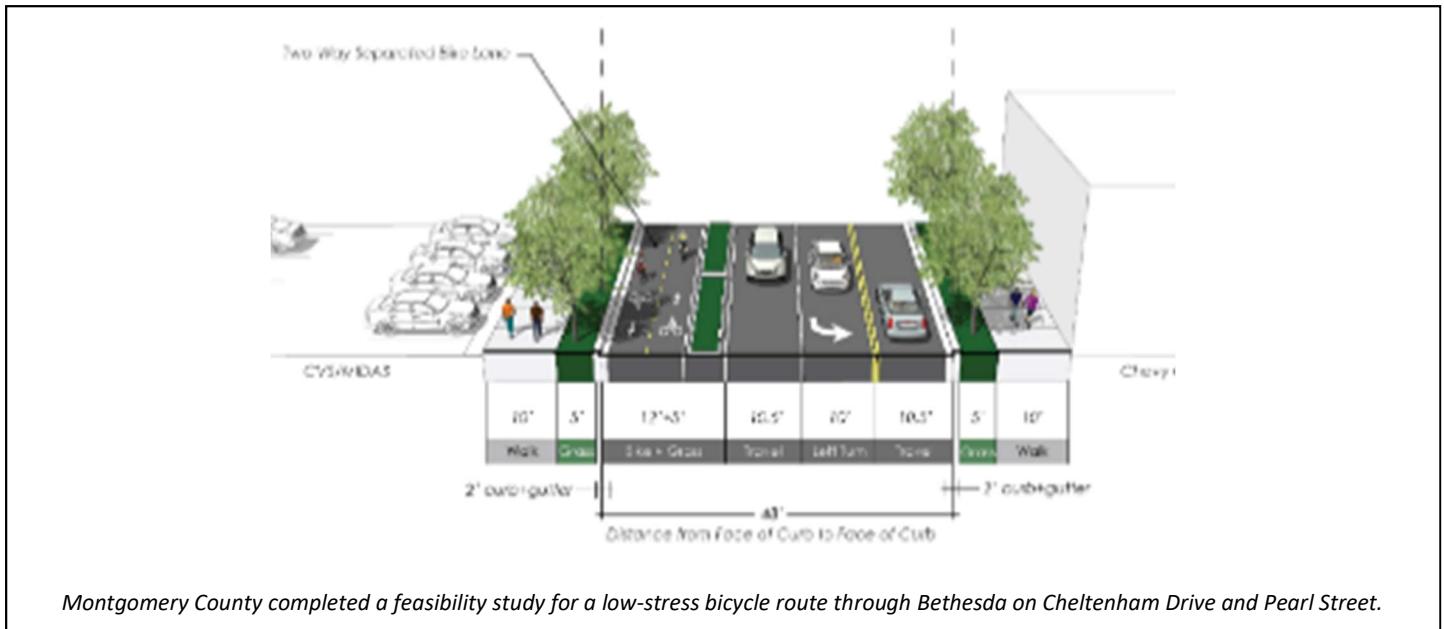
In addition to the 21 FY23 awards, there are 31 other active Bikeways projects across the state. Grant recipients are required to submit quarterly reports on their projects. The below describes each project's status as of January 2023.

- The **Town of Williamsport** is finalizing design for bicycle improvements along the Potomac and Conococheague Streets.
- **The City of Annapolis** is finalizing a study of key gaps in the city's bike network and beginning to design new low stress linkages. Annapolis is also designing the Poplar Trail extension westward toward Parole.
- **Anne Arundel County** continues final design of shared-use paths between the BWI Trail Spur Extension to Nursery Road Light Rail, along Blue Water Boulevard, and along Milestone Parkway. The county will begin construction of the Broadneck Peninsula Trail (Phase 1B) between College Parkway and Sandy Point State Park.
- **Baltimore City** continues the Wolfe Street/Washington Street cycletrack feasibility study and the Baltimore Greenway Trail design between the Gwynns Falls and Herring Run Trails. Baltimore City is also in the process of installing new automated bicycle counters and constructing low-stress facilities to address gaps in the city's bike network.
- **Baltimore County** will begin construction of the Catonsville Short Line Trail's Bloomsbury Road Crossing in Catonsville and will begin a feasibility study for a shared-use path between the Torrey C. Brown and Jones Falls Trails.
- **Calvert County** is studying potential bikeway alignments for the Dunkirk and Prince Frederick Town Centers.
- **The City of College Park** is developing shared micromobility hubs to address e-scooter and bicycle parking needs.
- **The Department of Natural Resources** is assessing the condition of two former railroad bridges for trail use along the Frederick Douglas Rail Trail in Talbot County.
- **The City of Frederick** is designing an extension to the Hagerstown and Frederick Trail northward from Carroll Creek and Phase 4 of the East Street rail-with-trail.
- **Harford County** is completing a feasibility study for low-stress bicycle routes between Bel Air and Harford Community College.
- **Howard County's** North Laurel Connections project will begin construction to create a bicycle route between Savage and US Route 1 in Laurel. Howard County is also designing a shared-use path along MD 108 in Clarksville.
- **The Town of LaPlata** is completing design for a shared-use path between LaPlata and Laurel Springs Regional Park.
- **The Town of Luke** is evaluating a bikeway through town.
- **The Maryland Transit Administration** is conducting a feasibility study for a shared-use path between the Monocacy MARC Station and the Monocacy National Battlefield Visitor Center.
- **Montgomery County** is studying an alignment for the Bethesda Trolley Trail through North Bethesda to the Twinbrook Metro station.
- **Prince George's County** is completing the installation of bike racks on micro-transit vehicles.
- **The Town of Ocean City** is evaluating how to address gaps in the town's bicycle network.



The Ma & Pa Heritage Trail Foundation utilized Bikeways funding to install a bike fixit stand at Friends Community Park in Hickory .

- **The City of Salisbury** is completing design for Phase 1 of the city’s rail trail and Phase 2A construction of the Northwest Salisbury bike network.
- **Somerset County** is completing design for Phase 2 of the MD 413 Hiker Biker Trail extending the trail from Marion Station to Westover.
- The **City of Takoma Park**’s New Hampshire Ave Bikeways design continues and is expected to be completed in 2024.



[Bikeways Program Funding Summary](#)

Since the Bikeways Program’s inception in 2011, more than \$33 million have been awarded to 216 projects for the design and construction of bicycle transportation projects across Maryland. All Bikeways funding is derived from the State of Maryland’s Transportation Trust Fund and are available for review on the [Bikeways Interactive Project Map](#).

Year	Design Awards	Construction Awards	Minor Retrofit Awards	Total
FY2012	400,000	180,000	624,485	1,204,485
Anacostia Riverwalk Trail*	-	3,484,000	-	3,484,000
FY2013	1,150,000	790,180	741,550	2,682,230
FY2014	121,000	2,314,406	794,685	3,230,091
FY2015	640,000	1,338,760	600,541	2,579,301
FY2016	574,000	1,785,120	415,568	2,774,688
FY2017	659,640	581,036	726,068	1,966,744
FY2018	600,000	1,257,002	217,512	2,074,514
FY2019	1,255,542	740,703	-	1,996,245
FY2020	1,105,000	800,000	100,000	2,000,000
FY2021	2,410,468	1,152,853	223,015	3,786,337
FY2022	2,820,067	326,000	236,177	2,968,577
FY2023	2,295,333.79	-	303,274.00	\$2,598,608
Total FY2012 – FY2022	14,031,050	14,750,060	4,982,875	33,759,487

* Construction project funded by the Maryland Bikeways Program and an FY2012 TIGER Grant from the Federal Highway Administration (FHWA)

Visit the [MDOT Kim Lamphier Bikeways Network Program](#) online for additional information.