



Maryland Department of Transportation Kim Lamphier Bikeways Network Program

2021 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.

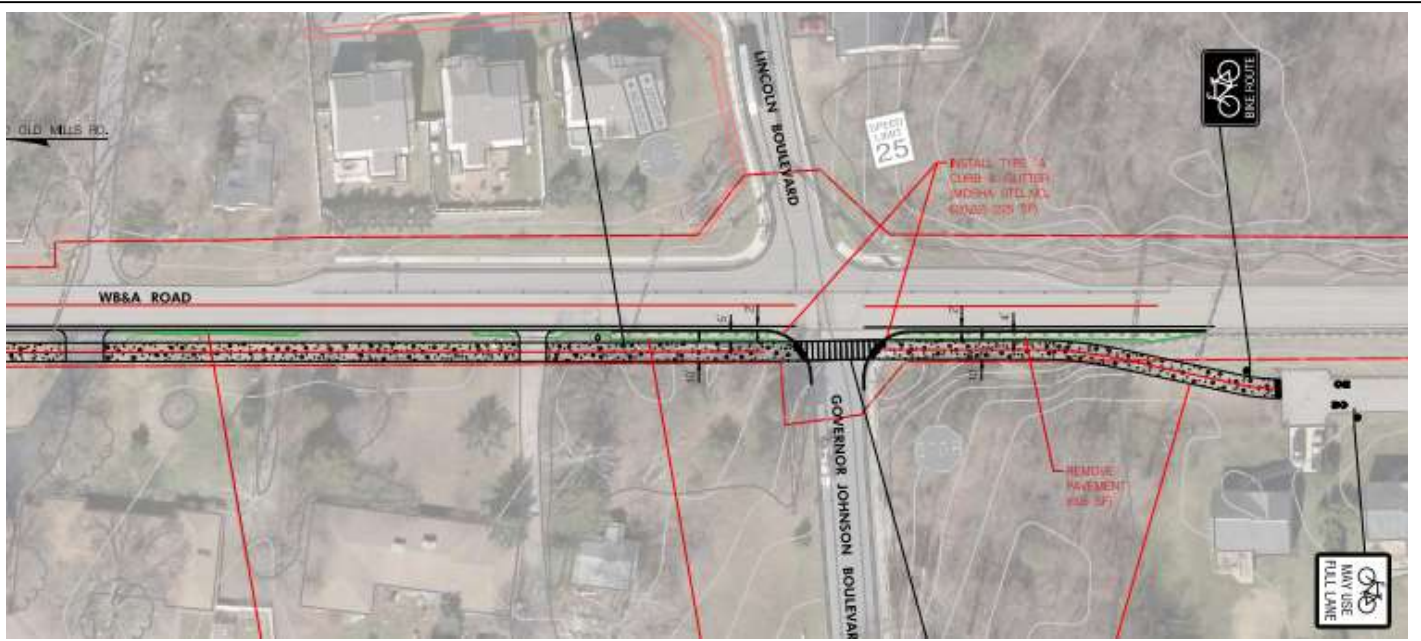
The Bikeways Program is a competitive, reimbursement-based grant program funded through the Maryland Transportation Trust Fund. The program is open to local government agencies and other eligible entities for the design and construction of transportation infrastructure to support safe bicycle travel.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



The Northwest Salisbury Bikeways, Phase 1 constructed protected bike lanes and traffic calming to Isabella Street and Lake Street

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. The Bikeways Program was developed to support local



Conceptual design for a shared-use path between the BWI Trail and Odenton Town Center Trails in Anne Arundel County.

jurisdictions in completing preliminary project development, including feasibility studies and conceptual design. While the Bikeways Program funds projects for design and construction, most Bikeways projects will have additional design phases prior to construction. Several projects experienced delays due to the COVID-19 pandemic which created significant barriers for public outreach. Grant extensions are provided to these projects for completion and noted in the [ON-GOING PROJECTS section](#).

The following grant projects were completed in 2021.

County	Grantee	Project Title	Project Description	Project Type	Award Total*
Anne Arundel County	Anne Arundel County Office of Transportation	BWI to Odenton Connector	Feasibility study for a bicycle and pedestrian connection between the WB&A Trail/Odenton Town Center and the BWI Trail.	Design	\$80,000
Anne Arundel County	Anne Arundel County Office of Transportation	Poplar Trail Extension to South Shore Trail	Feasibility study and design for extending the western terminus of the Poplar Tail from Annapolis to South Shore Trail.	Design	\$80,000
Baltimore City	Baltimore City Department of Transportation	Melrose Avenue Bicycle Boulevard	Bicycle boulevard installation along Melrose Ave between Bellona Ave and Roland Ave; construction of 5' sidewalk and repaving between Roland and W. Melrose ped/bike bridge; improved crossing at N. Charles St.	Minor Retrofit	\$40,216

County	Grantee	Project Title	Project Description	Project Type	Award Total*
Baltimore City	Baltimore City Department of Transportation	Eutaw Street/Place Separated Bike Lane Design	60% and Final Design of separated bike lanes and signage on Eutaw Street/Eutaw Place between Centre Street in midtown Baltimore and Druid Park Lake Drive.	Design	\$68,150
Baltimore County	Baltimore County Department of Public Works	Bloomsbury Crossing	Final design of Short Line Trail Bloomsbury Crossing	Design	\$43,972
Frederick County	Frederick County Division of Planning and Permitting	Frederick and Pennsylvania Line Railroad Trail, Phase 1	Design the first phase of a 10-foot-wide asphalt rails-with-trails project from Monocacy Boulevard in Frederick to Fountain Rock Park in Walkersville. Frederick County and MDOT coordinated on this project to help establish design precedence for future rail-with-trail projects.	Design	\$208,000
Prince George's County	City of College Park	Rhode Island Avenue Protected Bike Lanes	The final design of protected bike lanes on Rhode Island Avenue between Muskogee Street	Design	\$109,876
Somerset County	Somerset County Recreation and Parks	Route 413 Hiker Biker Trail	Construct a 4.5-mile hiker-biker trail along Route 413 between Crisfield and Marion Station.	Construction	\$798,403
Wicomico County	City of Salisbury	Northwest Salisbury, Phase 1	Constructed protected bike lanes and traffic calming along Isabela Avenue and Lake Streets	Minor Retrofit	\$100,000
*Award totals represent the amount reimbursed for the project. Award totals may differ from awarded amounts when projects are completed under budget.					



Somerset County completed the MD 413 Hiker Biker Trail construction, a 4.5 mile shared-use path between Crisfield and Marion Station

Awarded Projects

For the FY 2022 grant cycle, MDOT awarded 16 Bikeways projects totaling \$3.4 million. Project awards were made across the state, and include funding for two construction, four minor retrofit and 10 design projects. Most of this year’s awards address major low-traffic-stress gaps in the state’s bicycle network.

County	Grantee	Project Title	Project Type	Award Amount
City of Annapolis	Annapolis Department of Planning & Zoning	Poplar Trail Extension	Design	\$224,000
Anne Arundel County	Anne Arundel County Office of Transportation	BWI to Odenton Shared Use Path Gaps	Design	\$376,000
Allegany County	Town of Luke	Town of Luke Bikeway	Design	\$7,530
Baltimore County	Baltimore County Department of Public Works	Torrey C. Brown (NCR)/Jones Falls Trail Connection	Design	\$120,000
City of Baltimore	Baltimore City Department of Transportation	Baltimore City Rapid Enhancement Plan	Construction	\$326,000
Charles County	Town of La Plata	La Plata/Radio Station Road Shared Use Path	Design	\$328,000
Frederick County	City of Frederick	East Street Rails with Trails Phase 4	Construction	\$200,000

County	Grantee	Project Title	Project Type	Award Amount
Frederick County	Maryland Transit Administration	Bikeways to Battlefields: Monocacy MARC Shared-use Path	Design	\$80,000
Harford County	Harford County	Harford Community College (HCC) Connector Bike Path Study	Design	\$78,137
Harford County	Ma Pa Heritage Trail Foundation	Bike Repair Stations and Signs	Minor Retrofit	\$1,472
Howard County	Howard County Office of Transportation	MD 32 Alternate Bike Route/Clarksville Pike Streetscape	Design	\$1,100,000
Montgomery County	Montgomery County Department of Transportation	Bethesda Trolley Trail/North Bethesda (White Flint)	Design	\$52,000
Montgomery County	City of Takoma Park	New Avenue Bikeway Final Design Plans (Section B)	Design	\$254,400
Prince George's County	City of College Park	Shared Micromobility Station Improvements	Minor Retrofit	\$54,080
Prince George's County	Prince George's County Department of Public Works and Transportation	2-Position Bike Racks on Paratransit Vehicles	Minor Retrofit	\$80,625
Wicomico County	City of Salisbury	Northwest Bikeways, Phase 2a	Minor Retrofit	\$100,000
FY22 AWARD TOTAL				\$3,382,244
Construction				\$326,000
Minor Retrofit				\$236,177
Design				\$2,820,067



Chestertown is extending the Gilchrest Rail Trail from Morgnec Road with funding from an FY21 Bikeways award. The project is scheduled for completion in Summer 2022.

Status of Ongoing Bikeways Projects

In addition to the 16 FY22 awards, there are 26 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 December 2021.

- The **Town of Williamsport** is constructing bicycle improvements along the Potomac and Conococheague Streets.
- **The City of Annapolis** is conducting a study of key gaps in the city's bike network and beginning to design new low stress linkages.
- **Baltimore City** continues the Wolfe Street/Washington Streets 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.
- **Anne Arundel County** is starting final design of the BWI Trail Spur Extension to Nursery Road Light Rail study and finishing the design of the Broadneck Peninsula Trail (Phase 1B).
- **Calvert County** is studying potential bikeway alignments for the Dunkirk and Prince Frederick Town Centers.
- **St. Mary's County** is nearing completion of the Three Notch Trail's final design between California and MD 245. Trail construction will begin after design is complete.
- **The Town of Chestertown** is continuing construction on Gilchrest Rail Trail and installing a new crossing on Morgnec Road.
- **The Department of Natural Resources** is accessing the condition of two former railroad bridges along the Frederick Douglas Rail Trail in Talbot County.
- **The City of Salisbury** is completing design for Phase 1 of the city's rail trail and new bicycle facilities along W. College Avenue.
- **Somerset County** began design for Phase Two of the MD 413 Hiker Biker Trail extending the trail from Marion Station to Westover.
- **The City of Frederick** is beginning the design for an extension to the Hagerstown and Frederick Trail northward from Carroll Creek.

- **Baltimore County** is constructing the Catonsville Short Line Trail Bloomsbury Road Crossing. This construction project is a continuation of the design grant awarded in FY20.
- **Charles County** is progressing on the Indian Head Rail Trail Feasibility Study. When complete, this project will provide options for a shared-use path connections from the Indian Head Rail Trail to the Three Notch Trail.
- **Howard County's** Dobbin Road Pathway, Phase 2 project is developing design plans for shared-use path between McGraw Road and MD 175 (Rouse Parkway). The North Laurel Connections project will begin construction to provide a bicycle route between Savage and US Route 1 in Laurel.
- **Montgomery County** is completing a design for bikeway improvements from Cheltenham Drive to Pearl Street in Bethesda. Automated bicycle counters are also being installed in bicycle and pedestrian priority areas of the county.
- **The Town of Ocean City** is evaluating how to address gaps in the town's bicycle network. Semi-final design plans will be completed in the coming year.
- **The Town of Snow Hill** is conducting a bikeway feasibility study to connect parks, schools and businesses.
- **The Friends of the Patapsco Valley State Park**, in coordination with the Baltimore County Department of Public Works is working to install bike improvements on the River Road Corridor.
- The **City of Takoma Park's** New Hampshire Ave Bikeways continues to move forward in phases. Section A's semi-final design completed this year and was awarded for final design. Section B's semi-final design is scheduled for completion in 2023.
- The **Hancock** Bikeways Signage and Promotion minor retrofit project was cancelled at the request of the Town.

[Bikeways Program Funding Summary](#)

Since the Bikeways Program's inception in 2011, more than \$30 million have been awarded to 194 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.

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
Total FY2012 – FY2022	11,384,147	14,544,060	4,823,504	30,747,212

* 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.

Visit the [Maryland Bikeways Program Interactive Map](#) to learn about specific projects.