

### Patapsco Regional Greenway: Elkridge to Guinness Open Gate Brewery

<b>TIP ID</b>	16-2301-03	<b>Year of Operation</b>	2026
<b>Agency</b>	Howard County	<b>Project Type</b>	Bicycle/pedestrian facilities
<b>Project Category</b>	Emission Reduction Strategy	<b>Functional Class</b>	NA
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	1.5 mile trail
<b>CIP or CTP ID(s)</b>		<b>Est. Total Cost</b>	\$1,900,000

**Description:**

The Patapsco Regional Greenway: Elkridge to Guinness Open Gate Brewery project involves construction of a 1.5 mile segment of the overall Patapsco Regional Greenway trail. This 10-12 foot wide trail will be a combination of on-street facilities, hard surface trail, bridges and boardwalks.

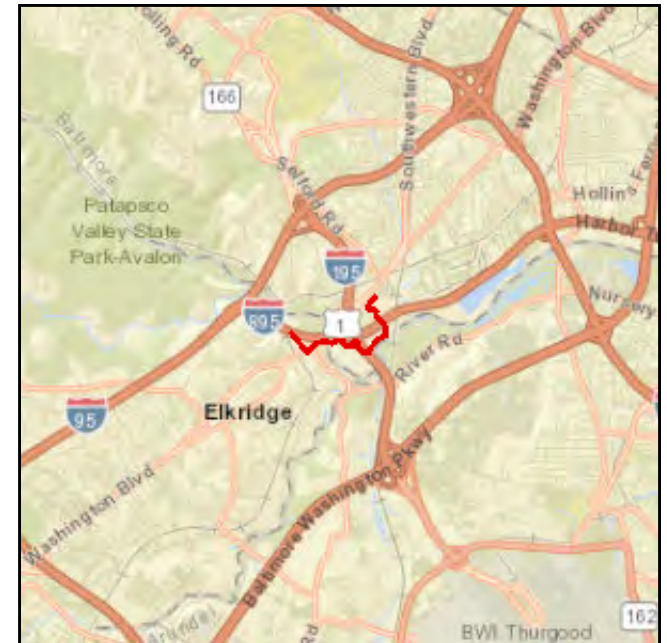
Final Engineering was funded using local Baltimore County funds as identified in an MOU between Howard and Baltimore Counties.

**Justification:**

This trail will provide a key connection as part of the Patapsco Regional Greenway system which is envisioned as a 40-mile shared-use path and trail running through the Patapsco Valley from Baltimore's Inner Harbor to Sykesville in Carroll County.

**Connection to Long-Range Transportation Planning Goals:**

- 1.E Improve System Safety -- Improve safety conditions for pedestrians and bicyclists.
- 3.A Improve Accessibility -- Increase transportation alternatives for all segments of the population.
- 4.F Increase Mobility -- Support a regional, long-distance bikeway network.





Patapsco Regional Greenway: Elkridge to Guinness Open Gate Brewery

(Funding in Thousands)

Other

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$625	\$0	\$625	\$0	\$0	\$1,250
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$200	\$0	\$0	\$0	\$0	\$0	\$0	\$200
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$0</b>	<b>\$200</b>	<b>\$0</b>	<b>\$625</b>	<b>\$0</b>	<b>\$625</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,450</b>
<b>Total</b>	<b>\$0</b>	<b>\$200</b>	<b>\$0</b>	<b>\$625</b>	<b>\$0</b>	<b>\$625</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,450</b>

### Snowden River Parkway: Broken Land Parkway to Oakland Mills Road

<b>TIP ID</b>	16-1410-41	<b>Year of Operation</b>	2030
<b>Agency</b>	Howard County	<b>Project Type</b>	Roadway widening
<b>Project Category</b>	Highway Capacity	<b>Functional Class</b>	Minor Arterial
<b>Conformity Status</b>	Not Exempt	<b>Physical Data</b>	4 to 6 lanes, 6300 feet
<b>CIP or CTP ID(s)</b>	J-4222	<b>Est. Total Cost</b>	\$25,000,000

**Description:**

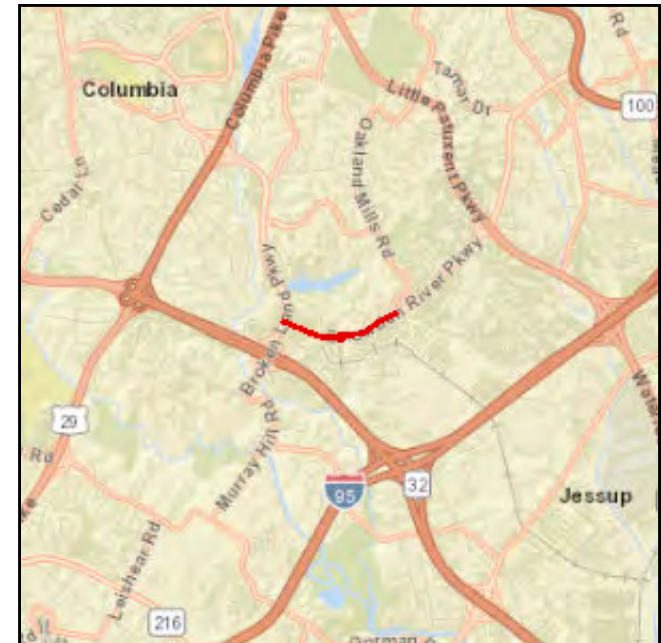
This project will design and widen Snowden River Parkway by adding a third lane in each direction and shared-use paths from Broken Land Parkway to Oakland Mills Road. The project will incorporate ten-foot-wide shared-use pathways to increase transportation alternatives to activity centers and public transit. This project is funded through local funds (bonds, developer contributions, and excise tax-backed bonds). Estimated Total Cost increased as a result of refining cost estimates as design progresses.

**Justification:**

This project will relieve congestion along the corridor, provide protected bicycle and pedestrian facilities to meet county standards as defined in the Howard County design manual.

**Connection to Long-Range Transportation Planning Goals:**

- 3.A Improve Accessibility -- Increase transportation alternatives for all segments of the population.
- 3.E Improve Accessibility -- Provide or improve pedestrian and bicycle facilities that link to activity centers and public transit.
- 4. Increase Mobility





**Snowden River Parkway: Broken Land Parkway to Oakland Mills Road**

(Funding in Thousands)

**Other**

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$2,750	\$0	\$0	\$0	\$0	\$2,750
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$200	\$0	\$0	\$0	\$0	\$200
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$50	\$0	\$0	\$0	\$0	\$50
<b>Subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,000</b>
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,000</b>

**US 29/Broken Land Parkway Interchange and North South Connector Road**

<b>TIP ID</b>	16-1901-42	<b>Year of Operation</b>	2025
<b>Agency</b>	Howard County	<b>Project Type</b>	New or extended roadways
<b>Project Category</b>	Highway Capacity	<b>Functional Class</b>	Major Collector
<b>Conformity Status</b>	Not Exempt	<b>Physical Data</b>	3.1 miles of new lanes on ramps and new roadways
<b>CIP or CTP ID(s)</b>	CO-319	<b>Est. Total Cost</b>	\$19,000,000

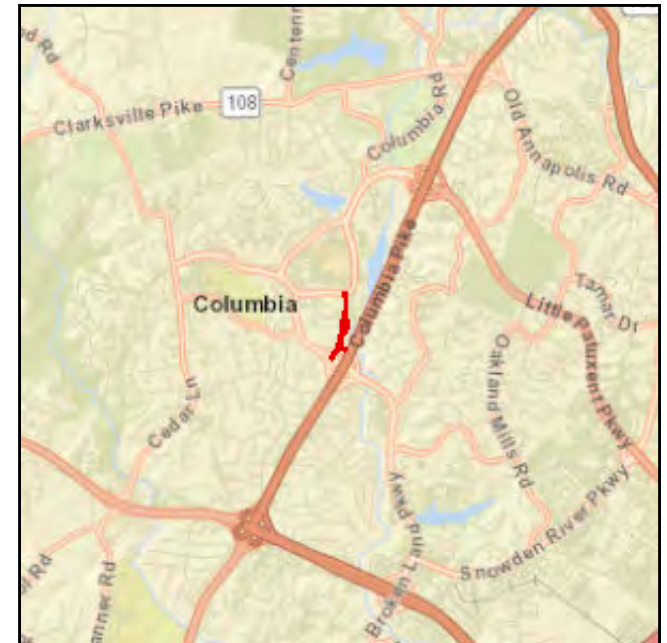
**Description:**

The project will provide new direct connections from the westbound US 29/Broken Land Parkway interchange ramp to a new road (Merriweather Drive) and to Little Patuxent Parkway. The project will also provide a direct connection from Merriweather Drive to Broken Land Parkway, including configuring the north and southbound US 29 ramps at Broken Land Parkway into a signalized intersection. The project will also remove an existing ramp from Broken Land Parkway to US 29 southbound.

The project will be funded locally through the recently approved tax increment financing (TIF) district.

**Justification:**

The new US 29/Broken Land Parkway north/south collector road connection to Little Patuxent Parkway is needed to increase vehicular and pedestrian mobility, address safety concerns, and provide adequate capacity to meet the future growth and development as outlined in Downtown Columbia. The project will address the future traffic demand along the Broken Land Parkway link from US 29 to downtown Columbia by providing an additional access and new central link to downtown Columbia for traffic from points southeast of Columbia and primarily for US 29 traffic to and from the south.



**Connection to Long-Range Transportation Planning Goals:**

- 2.A Improve and Maintain the Existing Infrastructure -- Improve the condition of roadway systems (pavement, bridges, tunnels).
- 6.F Improve System Security -- Increase system redundancy.
- 7.D Promote Prosperity and Economic Opportunity -- Invest within local- and state-designated growth areas.



**US 29/Broken Land Parkway Interchange and North South Connector Road**

(Funding in Thousands)

**Other**

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$19,000	\$0	\$0	\$0	\$0	\$0	\$0	\$19,000
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$0</b>	<b>\$19,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$19,000</b>
<b>Total</b>	<b>\$0</b>	<b>\$19,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$19,000</b>

### Marriottsville Road and I-70 Bridge Improvements

<b>TIP ID</b>	16-2101-41	<b>Year of Operation</b>	2025
<b>Agency</b>	Howard County	<b>Project Type</b>	Roadway widening
<b>Project Category</b>	Highway Capacity	<b>Functional Class</b>	Major Collector
<b>Conformity Status</b>	Not Exempt	<b>Physical Data</b>	1.5 miles, 2 to 4 lanes
<b>CIP or CTP ID(s)</b>	J-4205	<b>Est. Total Cost</b>	\$23,375,000

**Description:**

This project is to design and widen Marriottsville Road from just south of US 40 to MD 99 from two to four lanes, including replacing the existing two lane bridge on Marriottsville Road over I-70 with a four lane section. The proposed bridge will also include six feet wide bicycle lanes and ADA compliant sidewalks on both sides of the proposed bridge. The project is divided into four phases:

- \*Phase I includes the widening of Marriottsville Road from I-70 to MD 99 (complete)
- \*Phase II includes improvements to the ramp for I-70 eastbound (complete)
- \*Phase III includes the widening of Marriottsville Road from US 40 to the I-70 bridge
- \*Phase IV includes the construction of the I-70 bridge

**Justification:**

Increasing traffic and new residential and commercial development necessitate the improvement of the roadway as well as the bridge.

Howard County and MDOT SHA executed an MOU for TMDL work in 2019. MDOT SHA is funding TMDL design and construction in the form of intermittent reimbursement to the county in the amounts of \$200k and \$630k, respectively. The remainder of the project is funded by Howard County.



**Connection to Long-Range Transportation Planning Goals:**

- 2.A Improve and Maintain the Existing Infrastructure -- Improve the condition of roadway systems (pavement, bridges, tunnels).
- 2.F Improve and Maintain the Existing Infrastructure -- Improve the condition of pedestrian and bicycle facilities.
- 4. Increase Mobility



Marriottsville Road and I-70 Bridge Improvements

(Funding in Thousands)

Other

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$18,000	\$0	\$0	\$0	\$0	\$0	\$0	\$18,000
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$2,375	\$0	\$0	\$0	\$0	\$0	\$0	\$2,375
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$0</b>	<b>\$20,375</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$20,375</b>
<b>Total</b>	<b>\$0</b>	<b>\$20,375</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$20,375</b>



### Bridge Repair and Deck Replacement

<b>TIP ID</b>	16-0436-13	<b>Year of Operation</b>	Ongoing
<b>Agency</b>	Howard County	<b>Project Type</b>	Bridge repair/deck replacement
<b>Project Category</b>	Highway Preservation	<b>Functional Class</b>	Varies
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	Varies
<b>CIP or CTP ID(s)</b>	Various projects	<b>Est. Total Cost</b>	\$25,361,000

**Description:**

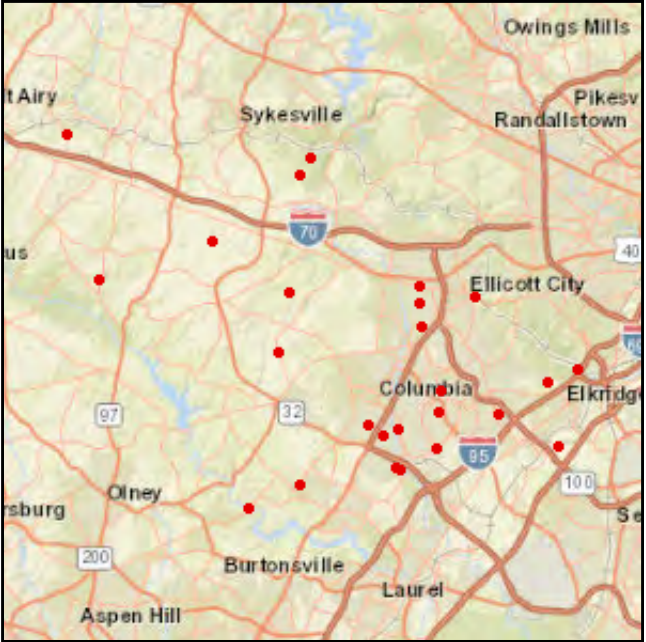
This is an ongoing program to provide upgrades and maintenance of structures on Howard County Roadways. These are non-capacity improvements which may include but are not limited to bridge rehabilitation and replacement, painting, structural repairs, and general maintenance on various Howard County bridges.

**Justification:**

This project will alleviate bridge deterioration and improve the safety and longevity of all bridges included in the bridge repair and rehabilitation program.

**Connection to Long-Range Transportation Planning Goals:**

- 1.C Improve System Safety -- Eliminate hazardous or substandard conditions.
- 2.A Improve and Maintain the Existing Infrastructure -- Improve the condition of roadway systems (pavement, bridges, tunnels).





### Bridge Repair and Deck Replacement

(Funding in Thousands)

**Other**

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$563	\$0	\$510	\$0	\$440	\$0	\$0	\$1,513
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$368	\$0	\$160	\$0	\$20	\$0	\$0	\$548
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$0</b>	<b>\$931</b>	<b>\$0</b>	<b>\$670</b>	<b>\$0</b>	<b>\$460</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,061</b>

**Surface Transportation Block Grant Program**

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$2,249	\$0	\$2,040	\$0	\$1,760	\$0	\$0	\$0	\$6,049
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$960	\$0	\$640	\$0	\$80	\$0	\$0	\$0	\$1,680
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$3,209</b>	<b>\$0</b>	<b>\$2,680</b>	<b>\$0</b>	<b>\$1,840</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,729</b>
<b>Total</b>	<b>\$3,209</b>	<b>\$931</b>	<b>\$2,680</b>	<b>\$670</b>	<b>\$1,840</b>	<b>\$460</b>	<b>\$0</b>	<b>\$0</b>	<b>\$9,790</b>

### Replacement of Bridge No. HO-040 on Union Chapel Road over Cattail Creek

<b>TIP ID</b>	16-2201-13	<b>Year of Operation</b>	2026
<b>Agency</b>	Howard County	<b>Project Type</b>	Bridge repair/deck replacement
<b>Project Category</b>	Highway Preservation	<b>Functional Class</b>	Minor Arterial
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	2 to 2 lanes
<b>CIP or CTP ID(s)</b>	B3857	<b>Est. Total Cost</b>	\$2,852,528

**Description:**

This project includes the replacement of bridge number HO-040 on Union Chapel Road over Cattail Creek. Bridge width, sidewalks and shoulders will be evaluated during engineering.

**Justification:**

Replacement is necessary due to the bridge's multiple deficiencies that include substandard deck and superstructure. The bridge is currently rated in poor condition.

**Connection to Long-Range Transportation Planning Goals:**

- 1.C Improve System Safety -- Eliminate hazardous or substandard conditions.
- 2.A Improve and Maintain the Existing Infrastructure -- Improve the condition of roadway systems (pavement, bridges, tunnels).





Replacement of Bridge No. HO-040 on Union Chapel Road over Cattail Creek

(Funding in Thousands)

Surface Transportation Block Grant Program

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$1,562	\$390	\$0	\$0	\$0	\$0	\$0	\$0	\$1,952
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$400	\$100	\$0	\$0	\$0	\$0	\$0	\$0	\$500
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$1,962</b>	<b>\$490</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,452</b>
<b>Total</b>	<b>\$1,962</b>	<b>\$490</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,452</b>