

Snowden River Parkway: Broken Land Parkway to Oakland Mills Road

TIP ID	16-1410-41	Year of Operation	2025
Agency	Howard County	Project Type	Roadway widening
Project Category	Highway Capacity	Functional Class	Minor Arterial
Conformity Status	Not Exempt	Physical Data	4 to 6 lanes, 6300 feet
CIP or CTP ID(s)	J-4222	Est. Total Cost	\$24,000,000

Description:

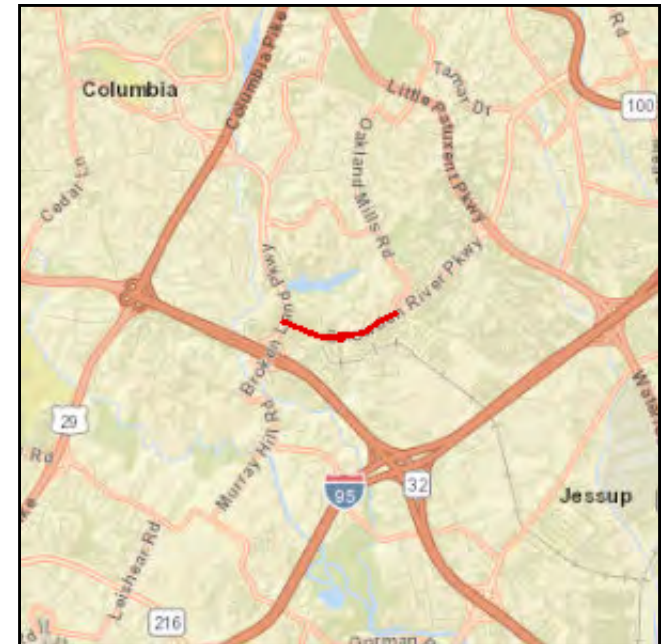
This project will design and widen Snowden River Parkway by adding a third lane in each direction and shared-use paths from Broken Land Parkway to Oakland Mills Road. The project will incorporate ten-foot-wide shared-use pathways to increase transportation alternatives to activity centers and public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

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 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$2,750	\$0	\$0	\$2,750
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$200	\$0	\$0	\$200
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$50	\$0	\$0	\$50
Subtotal	\$0	\$0	\$0	\$0	\$0	\$3,000	\$0	\$0	\$3,000
Total	\$0	\$0	\$0	\$0	\$0	\$3,000	\$0	\$0	\$3,000

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

TIP ID	16-1901-42	Year of Operation	2024
Agency	Howard County	Project Type	New or extended roadways
Project Category	Highway Capacity	Functional Class	Major Collector
Conformity Status	Not Exempt	Physical Data	3.1 miles of new lanes on ramps and new roadways
CIP or CTP ID(s)	CO-319	Est. Total Cost	\$26,951,000

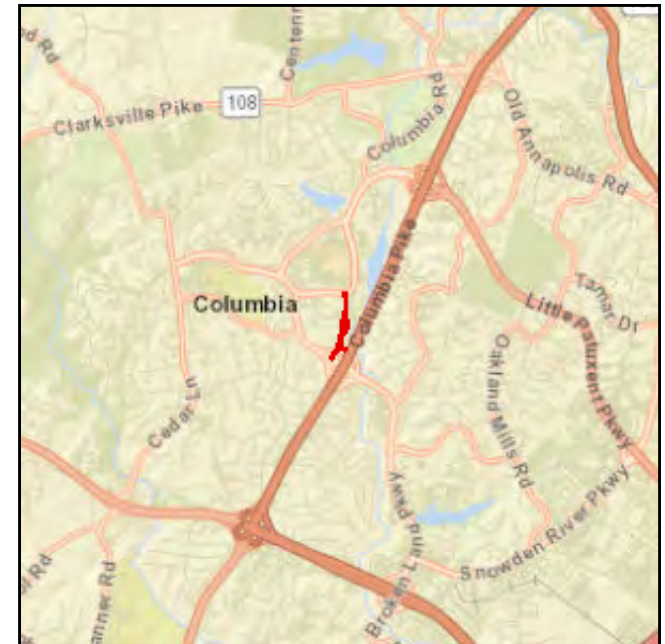
Description:

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 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$13,475	\$0	\$13,476	\$0	\$0	\$0	\$0	\$26,951
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
Subtotal	\$0	\$13,475	\$0	\$13,476	\$0	\$0	\$0	\$0	\$26,951
Total	\$0	\$13,475	\$0	\$13,476	\$0	\$0	\$0	\$0	\$26,951

Bridge Repair and Deck Replacement

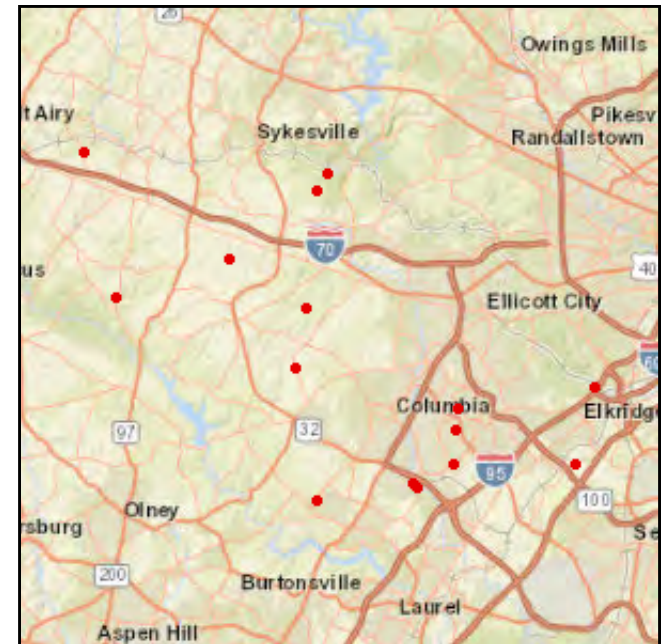
TIP ID	16-0436-13	Year of Operation	Ongoing
Agency	Howard County	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	Varies
Conformity Status	Exempt	Physical Data	Varies
CIP or CTP ID(s)	Various projects	Est. Total Cost	\$18,011,000

Description:

This project is to repair/replace bridge decks with a mix of county match and federal funding. The project also includes emergency structure reconstruction. The following bridges are included: River Rd. over Rockburn Branch; Henryton Rd. over tributary to the Patapsco River; Pindell School Rd. over Hammond Branch; Daisy Rd. over Little Cattail Creek; Pfefferkorn Rd. over Middle Patuxent River; Carroll Mill Rd. over Benson Branch; Sheppard Lane over Middle Patuxent River; Watersville Rd. over Hay Meadow Branch; Henryton Rd. over tributary to Patapsco River; Old Montgomery Rd. over Lake Elkhorn Branch; Tamar Drive over Little Patuxent River; Snowden River Pkwy over Robert Fulton Dr (SB & NB); Guilford Rd. over Middle Patuxent River; Park Circle Drive over Deep Run; Broken Land Pkwy over Little Patuxent River. Cost increased \$3.5 million as a result of refined engineers estimates.

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 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$4,953	\$0	\$493	\$0	\$0	\$0	\$0	\$5,446
OTH	\$0	\$79	\$0	\$0	\$0	\$0	\$0	\$0	\$79
ENG	\$0	\$2,863	\$0	\$128	\$0	\$0	\$0	\$0	\$2,991
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$310	\$0	\$0	\$0	\$0	\$0	\$0	\$310
Subtotal	\$0	\$8,205	\$0	\$621	\$0	\$0	\$0	\$0	\$8,826

Surface Transportation Block Grant Program

Phase	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	Total Four-Year Funding Request
CON	\$7,216	\$0	\$1,969	\$0	\$0	\$0	\$0	\$0	\$9,185
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
Subtotal	\$7,216	\$0	\$1,969	\$0	\$0	\$0	\$0	\$0	\$9,185
Total	\$7,216	\$8,205	\$1,969	\$621	\$0	\$0	\$0	\$0	\$18,011

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

TIP ID	16-2201-13	Year of Operation	2025
Agency	Howard County	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	Minor Arterial
Conformity Status	Exempt	Physical Data	2 to 2 lanes
CIP or CTP ID(s)	B3857	Est. Total Cost	\$2,900,000

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 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$1,600	\$400	\$0	\$0	\$2,000
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$320	\$80	\$400	\$100	\$0	\$0	\$0	\$0	\$900
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$320	\$80	\$400	\$100	\$1,600	\$400	\$0	\$0	\$2,900
Total	\$320	\$80	\$400	\$100	\$1,600	\$400	\$0	\$0	\$2,900