

Highway Preservation

Stone Chapel Road Bridge over Little Pipe Creek

TIP ID	14-1103-13	Year of Operation	2025
Agency	Carroll County	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	Minor Collector
Conformity Status	Exempt	Physical Data	2 to 2 lanes
CIP or CTP ID(s)		Est. Total Cost	\$1,440,000

Description:

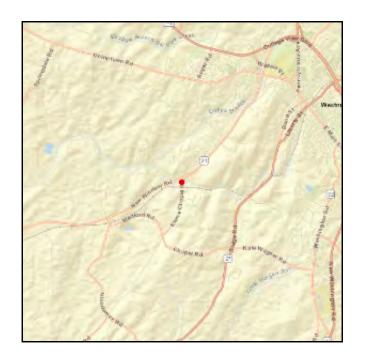
This project includes replacement of the existing bridge to provide efficient access for local truck traffic to MD 31. The bridge geometry and lane configuration will be determined during initial design. The total cost of this project increased from \$922,000 to \$1,440,000 in 2021 due to changing from a bridge rehabilitation to a bridge replacement project.

Engineering funds through the NEPA process were previously authorized. FY 2022 engineering funds are to complete final design.

Justification:

This project will enhance the safety of the county's infrastructure by addressing any functionally obsolete or structurally deficient items. The replacement of this structure will allow for the roadway to carry the current legal loads and the weight limit postings will be eliminated. The existing bridge is rated in fair condition.

Connection to Long-Range Transportation Planning Goals:





2023 - 2026 Transportation Improvement Program

Highway Preservation

Stone Chapel Road Bridge over Little Pipe Creek

(Funding in Thousands)

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	\$712	\$178	\$0	\$0	\$890
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	\$0	\$0	\$0	\$712	\$178	\$0	\$0	\$890
Total	\$0	\$0	\$0	\$0	\$712	\$178	\$0	\$0	\$890



2023 - 2026 Transportation Improvement Program

Highway Preservation

Gaither Road Bridge over South Branch Patapsco River

TIP ID	14-1602-13	Year of Operation	2029
Agency	Carroll County	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	Minor Collector
Conformity Status	Exempt	Physical Data	2 to 2 lanes
CIP or CTP ID(s)		Est. Total Cost	\$2,560,000

Description:

This project includes rehabilitation of the existing bridge with a new superstructure (type TBD) to provide efficient access for local traffic and emergency service vehicles. The bridge geometry and lane configuration will be determined during initial design.

Justification:

The replacement of the superstructure will provide a long-term solution to the issues associated with an Acrow panel structure type. The new structure will address any functionally obsolete or structurally deficient items. The existing bridge is rated in satisfactory condition.

Connection to Long-Range Transportation Planning Goals:





2023 - 2026 Transportation Improvement Program

Highway Preservation

Gaither Road Bridge over South Branch Patapsco River

(Funding in Thousands)

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	\$0	\$0	\$0	\$0
ОТН	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$371	\$92	\$0	\$0	\$463
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$0	\$0	\$0	\$0	\$371	\$92	\$0	\$0	\$463
Total	\$0	\$0	\$0	\$0	\$371	\$92	\$0	\$0	\$463



Highway Preservation

McKinstrys Mill Road Bridge over Sam's Creek

TIP ID	14-1603-13	Year of Operation	2025
Agency	Carroll County	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	Local
Conformity Status	Exempt	Physical Data	2 to 2 lanes
CIP or CTP ID(s)		Est. Total Cost	\$1,465,000

Description:

This project includes replacement of the existing bridge with a new structure (type TBD) to provide efficient access for local traffic and emergency service vehicles. The bridge geometry and lane configuration will be determined during initial design. The estimated total cost has been updated from \$1.147 million to \$1.465 million in 2021 to account for funds approved by FHWA and escalating the construction cost to the anticipated year of construction.

Engineering funds through the NEPA process were previously authorized. FY 2022 engineering funds will complete final design.

Justification:

This project will enhance the safety of the county's infrastructure by addressing any functionally obsolete or structurally deficient items. The replacement of this structure will allow current legal vehicles to cross the structure and weight limit postings will be eliminated. The existing bridge is rated in poor condition.

Connection to Long-Range Transportation Planning Goals:





2023 - 2026 Transportation Improvement Program

Highway Preservation

McKinstrys Mill Road Bridge over Sam's Creek

(Funding in Thousands)

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	\$732	\$183	\$0	\$0	\$915
ОТН	\$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	\$0	\$0	\$0	\$732	\$183	\$0	\$0	\$915
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Total	\$0	\$0	\$0	\$0	\$732	\$183	\$0	\$0	\$915



Highway Preservation

Hughes Shop Road Bridge over Bear Branch

TIP ID	14-1802-13	Year of Operation	2025
Agency	Carroll County	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	Local
Conformity Status	Exempt	Physical Data	2 to 2 lanes
CIP or CTP ID(s)		Est. Total Cost	\$2,079,000

Description:

This project includes replacement of the existing bridge with a new structure (type TBD). The bridge geometry and lane configuration will be determined during initial design. The estimated total cost has been updated from \$1.697 million to \$2.079 million in 2021 to reflect funds designated by FHWA and to escalate the construction costs forward to the anticipated year of construction.

Engineering funds through the NEPA process were previously authorized. FY 2022 engineering funds will complete final design.

Justification:

The replacement of this structure will provide a new structure that eliminates the issues associated with the current structure type. The new structure will address any functionally obsolete or structurally deficient items. The existing bridge is rated in poor condition.

Connection to Long-Range Transportation Planning Goals:





2023 - 2026 Transportation Improvement Program

Highway Preservation

Hughes Shop Road Bridge over Bear Branch

(Funding in Thousands)

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	\$1,223	\$305	\$0	\$0	\$1,528
ОТН	\$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	\$0	\$0	\$0	\$1,223	\$305	\$0	\$0	\$1,528
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Total	\$0	\$0	\$0	\$0	\$1,223	\$305	\$0	\$0	\$1,528



2023 - 2026 Transportation Improvement Program

Highway Preservation

Old Kays Mill Road Culvert over Beaver Run

TIP ID	14-2101-13	Year of Operation	2028
Agency	Carroll County	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	Local
Conformity Status	Exempt	Physical Data	2 to 2 lanes
CIP or CTP ID(s)		Est. Total Cost	\$2,411,000

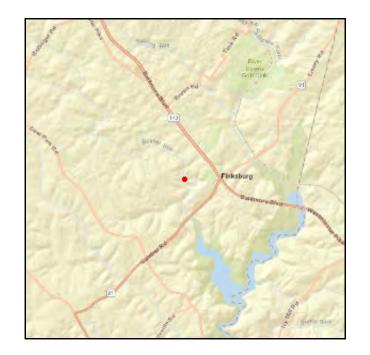
Description:

This project includes replacement of a 3-cell riveted steel structure plate pipe arch. The replacement structure type, geometry, and lane use configuration will be determined during initial design.

Justification:

The existing bridge is rated in poor condition. However, progression of defects continues. The original structure was constructed in 1974 and is nearing its life end. A replacement will address the condition issues and any functionally obsolete or structurally deficient items.

Connection to Long-Range Transportation Planning Goals:





2023 - 2026 Transportation Improvement Program

Highway Preservation

Old Kays Mill Road Culvert over Beaver Run

(Funding in Thousands)

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	\$0	\$0	\$0	\$0
ОТН	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$456	\$114	\$0	\$0	\$570
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$0	\$0	\$0	\$0	\$456	\$114	\$0	\$0	\$570
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Total	\$0	\$0	\$0	\$0	\$456	\$114	\$0	\$0	\$570



2023 - 2026 Transportation Improvement Program

Highway Preservation

Brown Road Culvert over Roaring Run

TIP ID	14-2102-13	Year of Operation	2026
Agency	Carroll County	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	Local
Conformity Status	Exempt	Physical Data	2 to 2 lanes
CIP or CTP ID(s)		Est. Total Cost	\$2,282,000

Description:

This project includes replacement of a 3-cell corrugated steel pipe arch. The replacement structure type, geometry, and lane use configuration will be determined during initial design.



The overall condition of the existing structure is poor. The inspection report recommends replacement. A replacement will address the condition issues and any functional obsolete or structurally deficient items.

Connection to Long-Range Transportation Planning Goals:





Highway Preservation

Brown Road Culvert over Roaring Run

(Funding in Thousands)

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	\$0	\$0	\$0	\$0
ОТН	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$424	\$106	\$0	\$0	\$0	\$0	\$530
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$0	\$0	\$424	\$106	\$0	\$0	\$0	\$0	\$530
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Total	\$0	\$0	\$424	\$106	\$0	\$0	\$0	\$0	\$530



2023 - 2026 Transportation Improvement Program

Highway Preservation

McKinstrys Mill Road over Little Pipe Creek

TIP ID	14-2103-13	Year of Operation	2027
Agency	Carroll County	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	Local
Conformity Status	Exempt	Physical Data	2 to 2 lanes
CIP or CTP ID(s)		Est. Total Cost	\$2,207,000

Description:

This project includes replacement of a single span steel beam bridge. The replacement structure type, geometry, and lane use configuration will be determined during initial design. Costs have been updated in 2021 to reflect moving the engineering and construction further into the future.

Justification:

The overall condition of the existing structure is poor. A replacement will address the condition issues and any functional obsolete or structurally deficient items.

Connection to Long-Range Transportation Planning Goals:





2023 - 2026 Transportation Improvement Program

Highway Preservation

McKinstrys Mill Road over Little Pipe Creek

(Funding in Thousands)

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	\$0	\$0	\$0	\$0
ОТН	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$383	\$95	\$478
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$383	\$95	\$478
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Total	\$0	\$0	\$0	\$0	\$0	\$0	\$383	\$95	\$478



2023 - 2026 Transportation Improvement Program

Highway Preservation

Patapsco Road Bridge over East Branch Patapsco River

TIP ID	14-2201-13	Year of Operation	2024
Agency	Carroll County	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	Minor Collector
Conformity Status	Exempt	Physical Data	2 to 2 lanes
CIP or CTP ID(s)		Est. Total Cost	\$1,869,000

Description:

This project includes replacement of the existing 1-span bridge with a new structure, including abutments. The new structure will consist of two 11' travel lanes, which is slightly wider than the existing structure. The replacement structure type, geometry, and lane use configuration will be determined during initial design.

Justification:

The existing bridge is rated in poor condition. This work will address structural safety issues and deterioration of the existing structure. The new structure will address any functionally obsolete or structurally deficient items.

Connection to Long-Range Transportation Planning Goals:





2023 - 2026 Transportation Improvement Program

Highway Preservation

Patapsco Road Bridge over East Branch Patapsco River

(Funding in Thousands)

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	\$1,013	\$253	\$0	\$0	\$0	\$0	\$1,266
ОТН	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$482	\$121	\$0	\$0	\$0	\$0	\$0	\$0	\$603
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$482	\$121	\$1,013	\$253	\$0	\$0	\$0	\$0	\$1,869
Total	\$482	\$121	\$1,013	\$253	\$0	\$0	\$0	\$0	\$1,869



Highway Preservation

Upper Beckleysville Road Bridge over Murphy Run

TIP ID	14-2202-13	Year of Operation	2024
Agency	Carroll County	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	Minor Collector
Conformity Status	Exempt	Physical Data	2 to 2 lanes
CIP or CTP ID(s)		Est. Total Cost	\$1,485,000

Description:

This project includes replacement of the existing 1-span bridge with a new structure, including abutments. The new structure will consist of two 11' travel lanes to match the existing approach roadway. The replacement structure type, geometry, and lane use configuration will be determined during initial design.

Justification:

The existing bridge is rated in poor condition. This work will address structural safety issues and deterioration of the existing structure. The new structure will address any functionally obsolete or structurally deficient items.

Connection to Long-Range Transportation Planning Goals:





2023 - 2026 Transportation Improvement Program

Highway Preservation

Upper Beckleysville Road Bridge over Murphy Run

(Funding in Thousands)

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	\$724	\$181	\$0	\$0	\$0	\$0	\$905
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$464	\$116	\$0	\$0	\$0	\$0	\$0	\$0	\$580
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$464	\$116	\$724	\$181	\$0	\$0	\$0	\$0	\$1,485
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Total	\$464	\$116	\$724	\$181	\$0	\$0	\$0	\$0	\$1,485



2023 - 2026 Transportation Improvement Program

Highway Preservation

Bridge Inspection Program

TIP ID	14-9401-14	Year of Operation	Ongoing
Agency	Carroll County	Project Type	Bridge inspections
Project Category	Highway Preservation	Functional Class	Varies
Conformity Status	Exempt	Physical Data	NA
CIP or CTP ID(s)		Est. Total Cost	\$1,390,000

Description:

This project includes a field inspection of 135 county owned and maintained structures and completion and submittal of inspection reports to county and state agencies for each structure.

Justification:

This project ensures compliance with the National Bridge Inspection Program, preserves highway infrastructure, and maintains safety.

Connection to Long-Range Transportation Planning Goals:





Highway Preservation

Bridge Inspection Program

(Funding in Thousands)

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	\$0	\$0	\$0	\$0
OTH	\$0	\$0	\$685	\$0	\$0	\$0	\$705	\$0	\$1,390
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	\$0	\$685	\$0	\$0	\$0	\$705	\$0	\$1,390
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Total	\$0	\$0	\$685	\$0	\$0	\$0	\$705	\$0	\$1,390