

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 new bridge will be a single span, 27'-0" long, adjacent prestressed concrete slab bridge with two 11' lanes and two 4'-4" shoulders.

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 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).





Stone Chapel Road Bridge over Little Pipe 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	\$0	\$0	\$712	\$178	\$0	\$0	\$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	\$712	\$178	\$0	\$0	\$0	\$0	\$890
Total	\$0	\$0	\$712	\$178	\$0	\$0	\$0	\$0	\$890

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	\$2,464,000

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:

- 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).





Gaither Road Bridge over South Branch Patapsco River

(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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$371	\$92	\$0	\$0	\$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	\$371	\$92	\$0	\$0	\$0	\$0	\$463
Total	\$0	\$0	\$371	\$92	\$0	\$0	\$0	\$0	\$463

McKinstry's 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 to provide efficient access for local traffic and emergency service vehicles. The new bridge will be a single span, 36'-0" long, adjacent prestressed concrete slab bridge with two 10' lanes and shoulders that vary in width from 1'-6" to 3'-2".

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:

- 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).





McKinstry's Mill Road Bridge over Sam's 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	\$0	\$0	\$732	\$183	\$0	\$0	\$0	\$0	\$915
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	\$732	\$183	\$0	\$0	\$0	\$0	\$915
Total	\$0	\$0	\$732	\$183	\$0	\$0	\$0	\$0	\$915

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	1 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. The new bridge will be a single span, 50'-0" long, adjacent prestressed concrete slab bridge with two 9'-0" lanes and two 2'-4" shoulders.

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:

- 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).





Hughes Shop Road Bridge over Bear Branch

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

Old Keys Mill Road Culvert over Beaver Run

TIP ID	14-2101-13	Year of Operation	2029
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:

- 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).





Old Kays Mill Road Culvert over Beaver Run

(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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$456	\$114	\$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	\$0	\$0	\$456	\$114	\$570
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$456	\$114	\$570

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.

Justification:

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:

- 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).





Brown Road Culvert over Roaring Run

(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	\$0	\$0	\$0	\$0	\$0	\$0	\$1,401	\$350	\$1,751
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$424	\$106	\$0	\$0	\$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	\$424	\$106	\$0	\$0	\$0	\$0	\$1,401	\$350	\$2,281
Total	\$424	\$106	\$0	\$0	\$0	\$0	\$1,401	\$350	\$2,281

McKinstry's 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.

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:

- 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).





McKinstry's Mill Road over Little Pipe 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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$383	\$95	\$0	\$0	\$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	\$383	\$95	\$0	\$0	\$478
Total	\$0	\$0	\$0	\$0	\$383	\$95	\$0	\$0	\$478

Patapsco Road Bridge over East Branch Patapsco River

TIP ID	14-2201-13	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	\$1,932,000

Description:

This project includes replacement of the existing 1-span bridge with a new structure, including abutments. The new structure will consist of two 10' travel lanes and two 4'-4" shoulders, which is slightly wider than the existing structure. The replacement structure type and geometry will be developed as the design progresses.

Engineering for this project was funded in FY 23. The total cost of this project increased from \$1,869,000 to \$1,932,000 in 2023 to account for funds approved by FHWA and for escalating the construction cost to the anticipated year of construction.

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:

- 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).





Patapsco Road Bridge over East Branch Patapsco River

(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	\$0	\$0	\$1,063	\$265	\$0	\$0	\$0	\$0	\$1,328
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	\$1,063	\$265	\$0	\$0	\$0	\$0	\$1,328
Total	\$0	\$0	\$1,063	\$265	\$0	\$0	\$0	\$0	\$1,328

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. The new bridge will be a single span bridge (type TBD) with two 12'+/- travel lanes. The replacement structure type, geometry, and lane use configuration will be determined during initial design.

Engineering for this project was funded in FY23.

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:

- 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).





Upper Beckleysville Road Bridge over Murphy Run

(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	\$724	\$181	\$0	\$0	\$0	\$0	\$0	\$0	\$905
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	\$724	\$181	\$0	\$0	\$0	\$0	\$0	\$0	\$905
Total	\$724	\$181	\$0	\$0	\$0	\$0	\$0	\$0	\$905

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	\$1,510,000

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.

The escalated total cost has been updated from \$1,390,000 to \$1,510,000 in 2023 to account for escalation and inflation.

Justification:

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

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).
- 9. Promote Informed Decision Making





Bridge Inspection Program

(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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTH	\$735	\$0	\$0	\$0	\$775	\$0	\$0	\$0	\$1,510
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	\$735	\$0	\$0	\$0	\$775	\$0	\$0	\$0	\$1,510
Total	\$735	\$0	\$0	\$0	\$775	\$0	\$0	\$0	\$1,510