

Shepherds Mill Road Bridge over Little Pipe Creek

TIP ID	14-1102-13	Year of Operation	2022
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	\$4,101,450

Description:

This project includes replacement of the existing 3-span bridge with a new structure, including abutments. The new structure will consist of two 11' travel lanes with 3' shoulders on each side of the road.

Engineering funds were approved in FY 2011.

Justification:

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. 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).





Shepherds Mill Road Bridge over Little Pipe Creek

(Funding in Thousands)

Surface Transportation Block Grant Program

Phase	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	Total Four-Year Funding Request
CON	\$2,993	\$748	\$0	\$0	\$0	\$0	\$0	\$0	\$3,741
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	\$2,993	\$748	\$0	\$0	\$0	\$0	\$0	\$0	\$3,741
Total	\$2,993	\$748	\$0	\$0	\$0	\$0	\$0	\$0	\$3,741

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 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:

- 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 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$712	\$178	\$890
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$440	\$110	\$0	\$0	\$0	\$0	\$0	\$0	\$550
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$440	\$110	\$0	\$0	\$0	\$0	\$712	\$178	\$1,440
Total	\$440	\$110	\$0	\$0	\$0	\$0	\$712	\$178	\$1,440

Babylon Road Bridge over Silver Run

TIP ID	14-1601-13	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	\$1,896,000

Description:

This project includes replacement of the existing bridge to provide efficient access for local traffic and emergency service vehicles. The planned lane configuration consists of two 10'-4" wide shared use lanes, with no designated shoulders. The estimated total cost increased from \$1.01 million to \$1.896 million to account for the current Engineer's Cost Estimate including escalation to the year of construction.

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 fair 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).





Babylon Road Bridge over Silver Run

(Funding in Thousands)

Surface Transportation Block Grant Program

Phase	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 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	\$320	\$80	\$0	\$0	\$0	\$0	\$0	\$0	\$400
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$320	\$80	\$0	\$0	\$0	\$0	\$0	\$0	\$400
Total	\$320	\$80	\$0	\$0	\$0	\$0	\$0	\$0	\$400

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:

- 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 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 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	\$371	\$92	\$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	\$0	\$0	\$371	\$92	\$463
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$371	\$92	\$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 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 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:

- 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 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$732	\$183	\$915
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$440	\$110	\$0	\$0	\$0	\$0	\$0	\$0	\$550
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$440	\$110	\$0	\$0	\$0	\$0	\$732	\$183	\$1,465
Total	\$440	\$110	\$0	\$0	\$0	\$0	\$732	\$183	\$1,465

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 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:

- 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 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$1,223	\$305	\$1,528
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$440	\$110	\$0	\$0	\$0	\$0	\$0	\$0	\$550
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$440	\$110	\$0	\$0	\$0	\$0	\$1,223	\$305	\$2,078
Total	\$440	\$110	\$0	\$0	\$0	\$0	\$1,223	\$305	\$2,078

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	\$2,383,000

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 fair 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 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 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	\$433	\$108	\$541
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	\$433	\$108	\$541
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$433	\$108	\$541

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 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 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	\$424	\$106	\$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	\$0	\$0	\$424	\$106	\$0	\$0	\$530
Total	\$0	\$0	\$0	\$0	\$424	\$106	\$0	\$0	\$530

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	\$2,195,000

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 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 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	\$373	\$93	\$466
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	\$373	\$93	\$466
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$373	\$93	\$466

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	\$1,350,000

Description:

This project includes a field inspection of 133 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:

- 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 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTH	\$665	\$0	\$0	\$0	\$685	\$0	\$0	\$0	\$1,350
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	\$665	\$0	\$0	\$0	\$685	\$0	\$0	\$0	\$1,350
Total	\$665	\$0	\$0	\$0	\$685	\$0	\$0	\$0	\$1,350