

Bixler Church Road Bridge over Big Pipe Creek

TIP ID	14-1101-13	Year of Operation	2020
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	\$833,000

Description:

Replace the existing 2-cell culvert with a new 2-cell concrete box culvert.

Engineering funds in the amount of \$295,750 have been approved.

Funding for this project had previously been included in the Countywide Bridge Maintenance, Repair, and Replacement project (TIP ID 14-1402-13).

Justification:

This work will address structural safety issues and deterioration of the existing structure. Weight limits will be removed. The new structure will address any functionally obsolete or structurally deficient items.

Connection to Long-Range Transportation Planning Goals:

2.A Improve and Maintain the Existing Infrastructure -- Improve the condition of roadway systems (pavement, bridges, tunnels).





Bixler Church Road Bridge over Big Pipe Creek

(Funding in Thousands)

Surface Transportation Block Grant Program

Phase	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	Total Four-Year Funding Request
CON	\$429	\$107	\$0	\$0	\$0	\$0	\$0	\$0	\$536
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	\$429	\$107	\$0	\$0	\$0	\$0	\$0	\$0	\$536
Total	\$429	\$107	\$0	\$0	\$0	\$0	\$0	\$0	\$536

Shepherds Mill Road Bridge over Little Pipe Creek

TIP ID	14-1102-13	Year of Operation	2020
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:

Replace the existing 3-span bridge with a new structure, including piers and abutments.

Engineering funds were included in FY 2011.

Funding for this project had previously been included in the Countywide Bridge Maintenance, Repair, and Replacement project (TIP ID 14-1402-13).

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.

Connection to Long-Range Transportation Planning Goals:

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 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 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	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	\$915,000

Description:

Rehabilitation of existing bridge to provide efficient access for local truck traffic to MD 31.

Justification:

The repairs/replacement of this structure will allow for the roadway to carry the current legal loads and the weight limit postings will be eliminated. This project will enhance the safety of the county's infrastructure. The new structure will address any functionally obsolete or structurally deficient items.

Connection to Long-Range Transportation Planning Goals:

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 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$516	\$129	\$0	\$0	\$645
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$216	\$54	\$0	\$0	\$0	\$0	\$0	\$0	\$270
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$216	\$54	\$0	\$0	\$516	\$129	\$0	\$0	\$915
Total	\$216	\$54	\$0	\$0	\$516	\$129	\$0	\$0	\$915

Babylon Road Bridge over Silver Run

TIP ID	14-1601-13	Year of Operation	2023
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	\$1,010,000

Description:

Replacement of existing bridge to provide efficient access for local traffic and emergency service vehicles.

Engineering funds totaling \$280,000 were approved in FY 2016 and FY 2018.

Justification:

This project will enhance the safety of the County's infrastructure. The new structure will address 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.

Connection to Long-Range Transportation Planning Goals:

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 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$584	\$146	\$730
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	\$0	\$0	\$584	\$146	\$730
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$584	\$146	\$730

Gaither Road Bridge over South Branch Patapsco River

TIP ID	14-1602-13	Year of Operation	2023
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	\$2,117,000

Description:

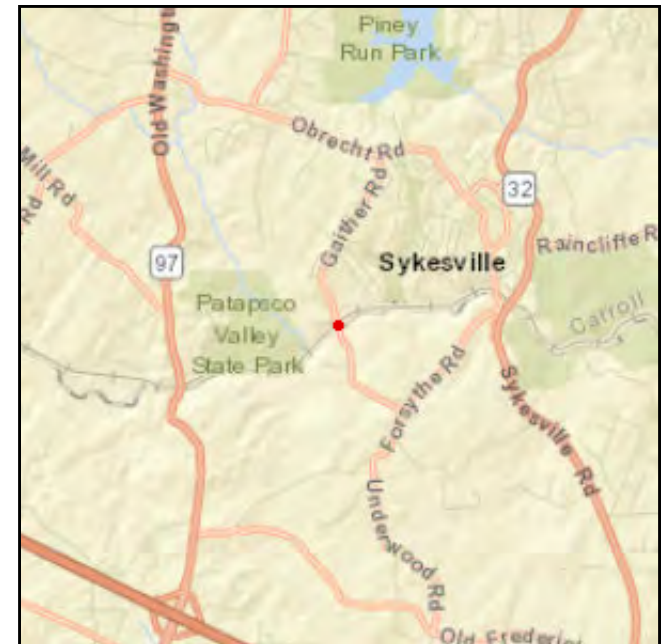
Rehabilitation of existing bridge with a new superstructure (type TBD) to provide efficient access for local traffic and emergency service vehicles.

Justification:

The replacement of this 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.

Connection to Long-Range Transportation Planning Goals:

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 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$1,474	\$368	\$1,842
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$220	\$55	\$0	\$0	\$0	\$0	\$0	\$0	\$275
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$220	\$55	\$0	\$0	\$0	\$0	\$1,474	\$368	\$2,117
Total	\$220	\$55	\$0	\$0	\$0	\$0	\$1,474	\$368	\$2,117

McKinstry's Mill Road Bridge over Sam's Creek

TIP ID	14-1603-13	Year of Operation	2022
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	\$1,154,000

Description:

Replacement of existing bridge with a new structure (type TBD) to provide efficient access for local traffic and emergency service vehicles.

Justification:

This project will enhance the safety of the County's infrastructure. The new structure will address 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.

Connection to Long-Range Transportation Planning Goals:

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 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$694	\$173	\$0	\$0	\$867
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$184	\$46	\$0	\$0	\$0	\$0	\$0	\$0	\$230
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$184	\$46	\$0	\$0	\$694	\$173	\$0	\$0	\$1,097
Total	\$184	\$46	\$0	\$0	\$694	\$173	\$0	\$0	\$1,097

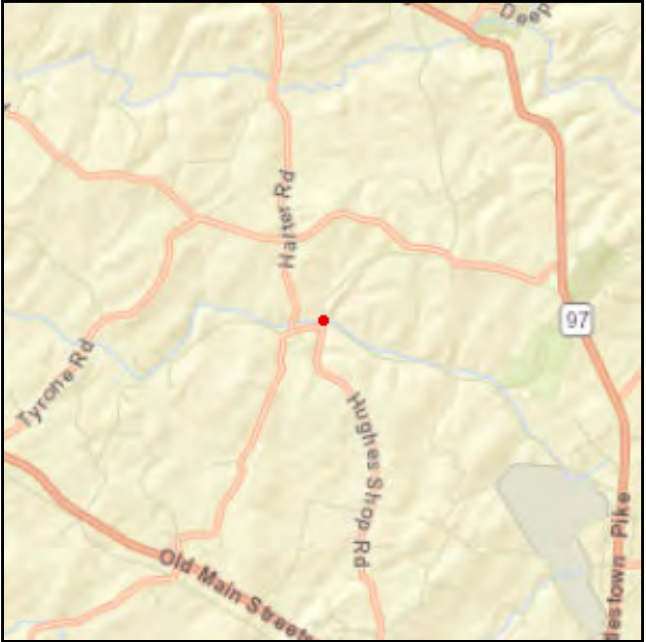
Hughes Shop Road Bridge over Bear Branch

TIP ID	14-1802-13	Year of Operation	2022
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	\$1,698,000

Description:
 Replacement of existing bridge with a new structure (type TBD).

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.

Connection to Long-Range Transportation Planning Goals:
 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 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$1,128	\$282	\$0	\$0	\$1,410
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$224	\$56	\$0	\$0	\$0	\$0	\$0	\$0	\$280
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$224	\$56	\$0	\$0	\$1,128	\$282	\$0	\$0	\$1,690
Total	\$224	\$56	\$0	\$0	\$1,128	\$282	\$0	\$0	\$1,690

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	\$1,020,000

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:

Ensure compliance with National Bridge Inspection Program, preserve highway infrastructure, and maintain safety.

Connection to Long-Range Transportation Planning Goals:

- 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 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTH	\$510	\$0	\$0	\$0	\$510	\$0	\$0	\$0	\$1,020
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	\$510	\$0	\$0	\$0	\$510	\$0	\$0	\$0	\$1,020
Total	\$510	\$0	\$0	\$0	\$510	\$0	\$0	\$0	\$1,020