

### Stone Chapel Road Bridge over Little Pipe Creek

<b>TIP ID</b>	14-1103-13	<b>Year of Operation</b>	2019
<b>Agency</b>	Carroll County	<b>Project Type</b>	Bridge repair/deck replacement
<b>Project Category</b>	Highway Preservation	<b>Functional Class</b>	Minor Collector
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	2 to 2 lanes
<b>CIP or CTP ID(s)</b>	124	<b>Est. Total Cost</b>	\$929,000

**Description:**

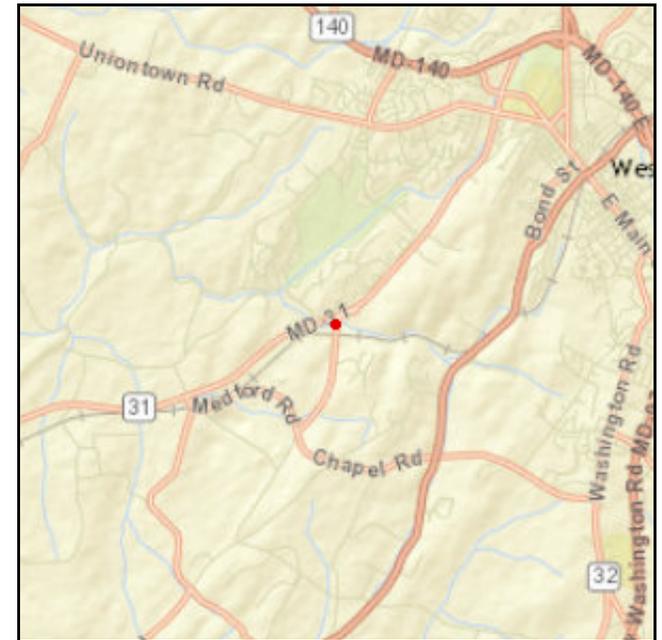
Rehabilitation of existing bridge to provide efficient access for local truck traffic to MD 31. Shoulders planned, but may not be feasible if the existing substructure remains in place.

**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.

**Connection to Long-Range Transportation Planning Goals:**

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





2017 - 2020 Transportation Improvement Program

Stone Chapel Road Bridge over Little Pipe Creek

(Funding in Thousands)

Surface Transportation Program (Surface Transportation, Bridge (Off-System))

Phase	FY 2017 Federal Funds	FY 2017 Matching Funds	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$583	\$146	\$0	\$0	\$0	\$0	\$729
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$160	\$40	\$0	\$0	\$0	\$0	\$0	\$0	\$200
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$160</b>	<b>\$40</b>	<b>\$583</b>	<b>\$146</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$929</b>
<b>Total</b>	<b>\$160</b>	<b>\$40</b>	<b>\$583</b>	<b>\$146</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$929</b>

### Countywide Bridge Maintenance, Repair, and Replacement

<b>TIP ID</b>	14-1402-13	<b>Year of Operation</b>	Ongoing
<b>Agency</b>	Carroll County	<b>Project Type</b>	Bridge repair/deck replacement
<b>Project Category</b>	Highway Preservation	<b>Functional Class</b>	Varies
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	2 to 2 lanes
<b>CIP or CTP ID(s)</b>		<b>Est. Total Cost</b>	\$4,820,000

**Description:**

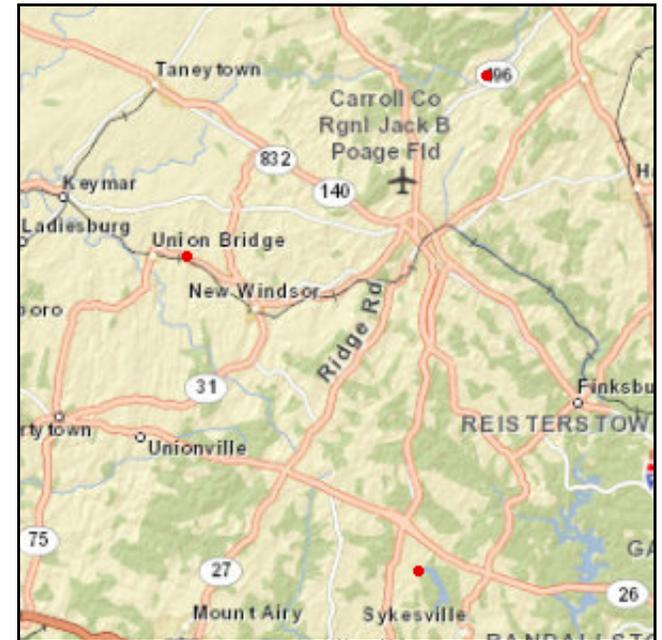
This project includes performing maintenance, repair, and replacement of bridges. Current work includes but is not limited to:  
 White Rock Road Bridge over Piney Run: Replace the existing 2-cell culvert with a new 3-cell concrete box culvert. 2 foot paved shoulders planned.  
 Bixlers Church Road Bridge over Big Pipe Creek: Replace the existing 2-cell culvert with a new 2-cell concrete box culvert. 2 foot paved shoulders planned.  
 Shepherds Mill Road Bridge over Little Pipe Creek: Replace the existing 3-span bridge with a new structure, including piers and abutments.  
 PE funding in previous TIPs.

**Justification:**

This work will address structural safety issues and deterioration of the existing structure.

**Connection to Long-Range Transportation Planning Goals:**

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





Countywide Bridge Maintenance, Repair, and Replacement

(Funding in Thousands)

Surface Transportation Program (Surface Transportation, Bridge (Off-System))

Phase	FY 2017 Federal Funds	FY 2017 Matching Funds	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	Total Four-Year Funding Request
CON	\$440	\$110	\$2,697	\$676	\$0	\$0	\$0	\$0	\$3,923
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$440</b>	<b>\$110</b>	<b>\$2,697</b>	<b>\$676</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,923</b>
<b>Total</b>	<b>\$440</b>	<b>\$110</b>	<b>\$2,697</b>	<b>\$676</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,923</b>

### Babylon Road Bridge over Silver Run

<b>TIP ID</b>	14-1601-13	<b>Year of Operation</b>	2019
<b>Agency</b>	Carroll County	<b>Project Type</b>	Bridge repair/deck replacement
<b>Project Category</b>	Highway Preservation	<b>Functional Class</b>	Local
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	2 to 2 lanes
<b>CIP or CTP ID(s)</b>		<b>Est. Total Cost</b>	\$920,000

**Description:**

Replacement of existing bridge to provide efficient access for local traffic and emergency service vehicles. Shoulders (width TBD) planned on both sides of the roadway.

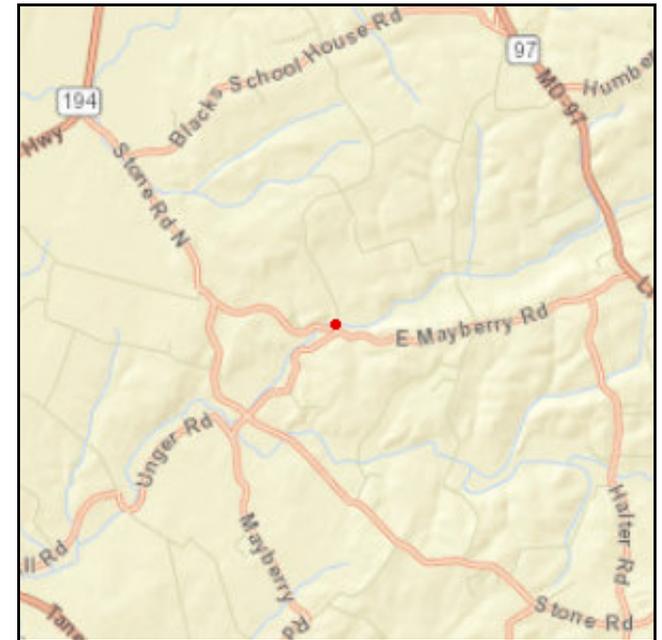
PE funding in a previous TIP (FY 2016).

**Justification:**

The 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.

**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 Program (Surface Transportation, Bridge (Off-System))

Phase	FY 2017 Federal Funds	FY 2017 Matching Funds	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$576	\$144	\$0	\$0	\$0	\$0	\$720
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$576</b>	<b>\$144</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$720</b>
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$576</b>	<b>\$144</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$720</b>

### Gaither Road Bridge over South Branch Patapsco River

<b>TIP ID</b>	14-1602-13	<b>Year of Operation</b>	2021
<b>Agency</b>	Carroll County	<b>Project Type</b>	Bridge repair/deck replacement
<b>Project Category</b>	Highway Preservation	<b>Functional Class</b>	Minor Collector
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	2 to 2 lanes
<b>CIP or CTP ID(s)</b>		<b>Est. Total Cost</b>	\$2,122,000

**Description:**

Replacement of existing bridge to provide efficient access for local traffic and emergency service vehicles. Shoulders (width TBD) planned on both sides of the roadway.

**Justification:**

The 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.

**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 Program (Surface Transportation, Bridge (Off-System))**

Phase	FY 2017 Federal Funds	FY 2017 Matching Funds	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$1,514	\$378	\$1,892
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$0	\$0	\$184	\$46	\$0	\$0	\$0	\$0	\$230
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$184</b>	<b>\$46</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,514</b>	<b>\$378</b>	<b>\$2,122</b>
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$184</b>	<b>\$46</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,514</b>	<b>\$378</b>	<b>\$2,122</b>

### McKinstry's Mill Road Bridge over Sam's Creek

<b>TIP ID</b>	14-1603-13	<b>Year of Operation</b>	2020
<b>Agency</b>	Carroll County	<b>Project Type</b>	Bridge repair/deck replacement
<b>Project Category</b>	Highway Preservation	<b>Functional Class</b>	Local
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	2 to 2 lanes
<b>CIP or CTP ID(s)</b>		<b>Est. Total Cost</b>	\$1,016,000

**Description:**

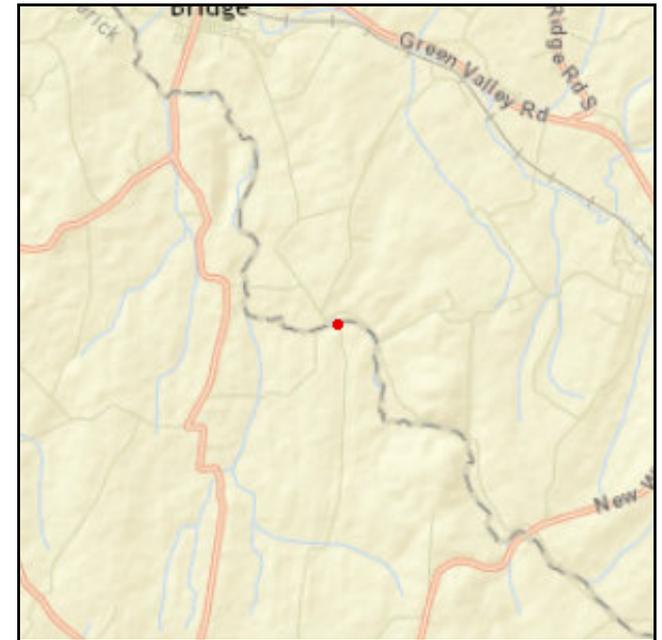
Replacement of existing bridge to provide efficient access for local traffic and emergency service vehicles. Shoulders (width TBD) planned on both sides of the roadway.

**Justification:**

The 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.

**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 Program (Surface Transportation, Bridge (Off-System))**

Phase	FY 2017 Federal Funds	FY 2017 Matching Funds	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$653	\$163	\$0	\$0	\$816
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$160	\$40	\$0	\$0	\$0	\$0	\$0	\$0	\$200
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$160</b>	<b>\$40</b>	<b>\$0</b>	<b>\$0</b>	<b>\$653</b>	<b>\$163</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,016</b>
<b>Total</b>	<b>\$160</b>	<b>\$40</b>	<b>\$0</b>	<b>\$0</b>	<b>\$653</b>	<b>\$163</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,016</b>

### Bridge Inspection Program

<b>TIP ID</b>	14-9401-14	<b>Year of Operation</b>	Ongoing
<b>Agency</b>	Carroll County	<b>Project Type</b>	Bridge inspections
<b>Project Category</b>	Highway Preservation	<b>Functional Class</b>	Local
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	NA
<b>CIP or CTP ID(s)</b>		<b>Est. Total Cost</b>	\$850,000

**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:**

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).





Bridge Inspection Program

(Funding in Thousands)

Surface Transportation Program (Surface Transportation, Bridge (Off-System))

Phase	FY 2017 Federal Funds	FY 2017 Matching Funds	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTH	\$0	\$0	\$400	\$0	\$0	\$0	\$450	\$0	\$850
PE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$400</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$450</b>	<b>\$0</b>	<b>\$850</b>
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$400</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$450</b>	<b>\$0</b>	<b>\$850</b>