

### Bixler Church Road Bridge over Big Pipe Creek

<b>TIP ID</b>	14-1101-13	<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>	\$833,000

**Description:**

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

PE funds in the amount of \$185,000 were requested in FY 2011. Additional PE funds are being requested in FY 2018.

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).





**Bixler Church Road Bridge over Big Pipe Creek**

(Funding in Thousands)

**Surface Transportation Block Grant Program**

Phase	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 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
PE	\$90	\$22	\$0	\$0	\$0	\$0	\$0	\$0	\$112
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$519</b>	<b>\$129</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$648</b>
<b>Total</b>	<b>\$519</b>	<b>\$129</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$648</b>

### Shepherds Mill Road Bridge over Little Pipe Creek

<b>TIP ID</b>	14-1102-13	<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>	Minor Collector
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	2/2 lanes
<b>CIP or CTP ID(s)</b>		<b>Est. Total Cost</b>	\$4,101,450

**Description:**

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

PE funding was included in previous TIPs (FY 2011).

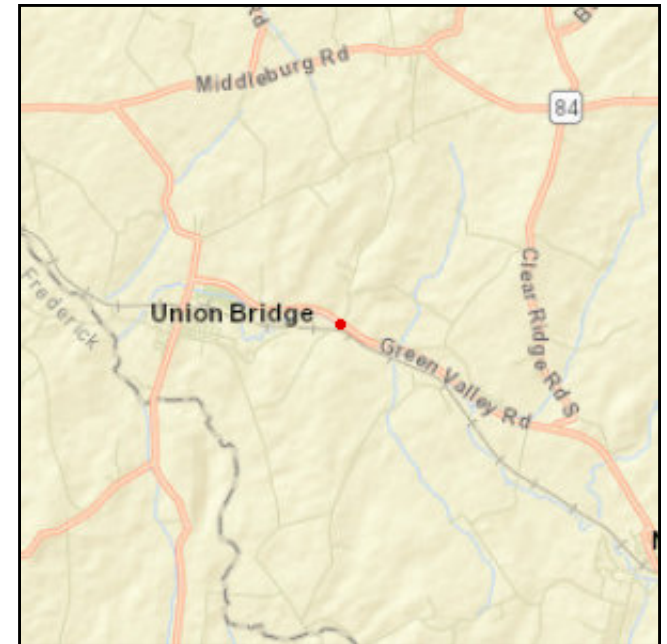
Funding for this project had previously been included in the Countywide Bridge Maintenance, Repair, and Replacement project (TIP ID 14-1402-13).

**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 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$2,993	\$748	\$0	\$0	\$0	\$0	\$3,741
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>\$2,993</b>	<b>\$748</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,741</b>
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,993</b>	<b>\$748</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,741</b>

### Stone Chapel Road Bridge over Little Pipe Creek

<b>TIP ID</b>	14-1103-13	<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>	124	<b>Est. Total Cost</b>	\$915,000

**Description:**

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

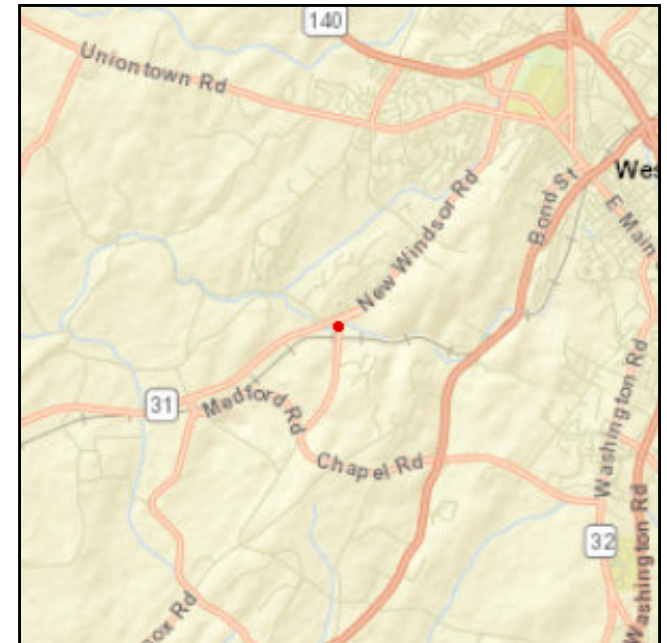
PE funds in the amount of \$200,000 were included in the FY 2017-2020 TIP. Additional PE funds are being requested in FY 2018.

**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 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 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
PE	\$56	\$14	\$0	\$0	\$0	\$0	\$0	\$0	\$70
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$56</b>	<b>\$14</b>	<b>\$0</b>	<b>\$0</b>	<b>\$516</b>	<b>\$129</b>	<b>\$0</b>	<b>\$0</b>	<b>\$715</b>
<b>Total</b>	<b>\$56</b>	<b>\$14</b>	<b>\$0</b>	<b>\$0</b>	<b>\$516</b>	<b>\$129</b>	<b>\$0</b>	<b>\$0</b>	<b>\$715</b>

### Babylon Road Bridge over Silver Run

<b>TIP ID</b>	14-1601-13	<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>	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>	\$1,010,000

**Description:**

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

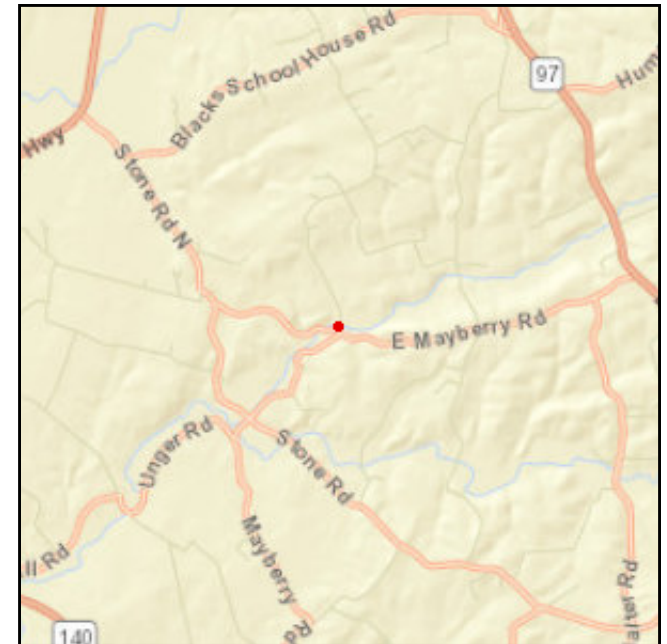
PE funds were included in the FY 2016-2019 TIP (FY 2016). Additional PE funds are being requested in FY 2018.

**Justification:**

The replacement of this structure will allow current legal vehicles to cross the structure. 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).





Babylon Road Bridge over Silver Run

(Funding in Thousands)

Surface Transportation Block Grant Program

Phase	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$584	\$146	\$0	\$0	\$730
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$64	\$16	\$0	\$0	\$0	\$0	\$0	\$0	\$80
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$64</b>	<b>\$16</b>	<b>\$0</b>	<b>\$0</b>	<b>\$584</b>	<b>\$146</b>	<b>\$0</b>	<b>\$0</b>	<b>\$810</b>
<b>Total</b>	<b>\$64</b>	<b>\$16</b>	<b>\$0</b>	<b>\$0</b>	<b>\$584</b>	<b>\$146</b>	<b>\$0</b>	<b>\$0</b>	<b>\$810</b>



### Gaither Road Bridge over South Branch Patapsco River

<b>TIP ID</b>	14-1602-13	<b>Year of Operation</b>	2022
<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>	\$2,205,000

**Description:**

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

**Justification:**

The replacement of this structure will allow current legal vehicles to cross the structure. Weight limit postings will be eliminated. 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 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$1,548	\$387	\$1,935
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$216	\$54	\$0	\$0	\$0	\$0	\$0	\$0	\$270
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$216</b>	<b>\$54</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,548</b>	<b>\$387</b>	<b>\$2,205</b>
<b>Total</b>	<b>\$216</b>	<b>\$54</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,548</b>	<b>\$387</b>	<b>\$2,205</b>

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

<b>TIP ID</b>	14-1603-13	<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>	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>	\$1,147,000

**Description:**

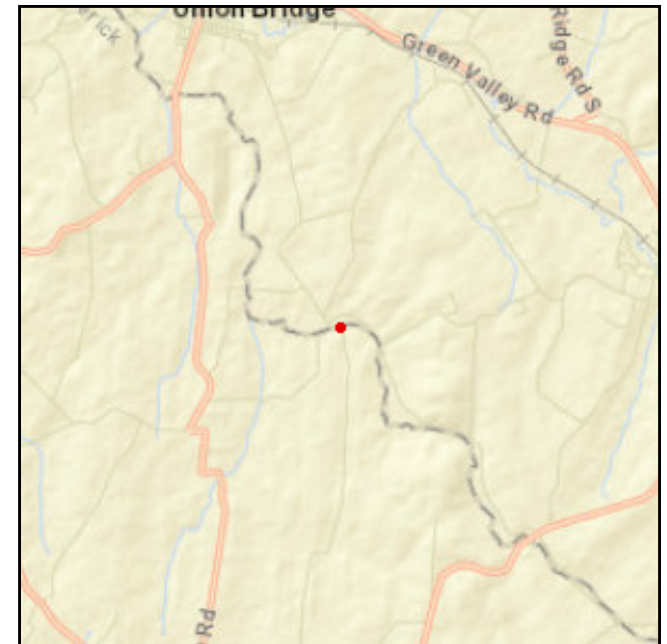
Replacement of existing bridge with a new structure (type TBD) to provide efficient access for local traffic and emergency service vehicles. PE funds were included in the FY 2017-2020 TIP. Additional PE funding is being requested in FY 2018.

**Justification:**

The replacement of this structure will allow current legal vehicles to cross the structure. 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).





McKinstry's Mill Road Bridge over Sam's Creek

(Funding in Thousands)

Surface Transportation Block Grant Program

Phase	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 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
PE	\$64	\$16	\$0	\$0	\$0	\$0	\$0	\$0	\$80
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$64</b>	<b>\$16</b>	<b>\$0</b>	<b>\$0</b>	<b>\$694</b>	<b>\$173</b>	<b>\$0</b>	<b>\$0</b>	<b>\$947</b>
<b>Total</b>	<b>\$64</b>	<b>\$16</b>	<b>\$0</b>	<b>\$0</b>	<b>\$694</b>	<b>\$173</b>	<b>\$0</b>	<b>\$0</b>	<b>\$947</b>

### Bear Run Road Bridge over Bear Branch

<b>TIP ID</b>	14-1801-13	<b>Year of Operation</b>	2024
<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>	\$1,280,000

**Description:**  
 Replacement of the existing 3-cell pipe culvert with a new structure (type TBD).

**Justification:**  
 The replacement of this structure will allow current legal vehicles to cross the structure. Weight limit postings 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).





**Bear Run Road Bridge over Bear Branch**

(Funding in Thousands)

**Surface Transportation Block Grant Program**

Phase	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 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
PE	\$0	\$0	\$0	\$0	\$0	\$0	\$240	\$60	\$300
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>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$240</b>	<b>\$60</b>	<b>\$300</b>
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$240</b>	<b>\$60</b>	<b>\$300</b>

### Hughes Shop Road Bridge over Bear Branch

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

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

**Justification:**  
 The replacement of this structure will allow current legal vehicles to cross the structure. Weight limit postings 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).





Hughes Shop Road Bridge over Bear Branch

(Funding in Thousands)

Surface Transportation Block Grant Program

Phase	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$1,128	\$282	\$1,410
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$230	\$58	\$0	\$0	\$0	\$0	\$0	\$0	\$288
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$230</b>	<b>\$58</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,128</b>	<b>\$282</b>	<b>\$1,698</b>
<b>Total</b>	<b>\$230</b>	<b>\$58</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,128</b>	<b>\$282</b>	<b>\$1,698</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>	\$1,000,000

**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).





Bridge Inspection Program

(Funding in Thousands)

Surface Transportation Block Grant Program

Phase	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTH	\$490	\$0	\$0	\$0	\$510	\$0	\$0	\$0	\$1,000
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>\$490</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$510</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,000</b>
<b>Total</b>	<b>\$490</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$510</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,000</b>