

### Abingdon Road Bridge #169 over CSX Railroad

<b>TIP ID</b>	15-1001-13	<b>Year of Operation</b>	2025
<b>Agency</b>	Harford County	<b>Project Type</b>	Bridge repair/deck replacement
<b>Project Category</b>	Highway Preservation	<b>Functional Class</b>	Minor Arterial
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	2 to 2 lanes
<b>CIP or CTP ID(s)</b>	H104501	<b>Est. Total Cost</b>	\$7,702,000

**Description:**

This project includes replacement of the bridge that carries Abingdon Road over the CSX Railroad tracks. A five foot sidewalk is planned on one side of the road. Five foot shoulders are planned on both sides of the bridge. The total estimated cost has increased from \$4.48 million to \$7.7 million as a result of design revisions and utility relocations.

Engineering funds through NEPA approval were authorized in FY 2021. FY 2022 engineering funds are to complete final design.

**Justification:**

Replacement is necessary due to the bridge's multiple deficiencies that include substandard railings and curbs, a deteriorating deck and deteriorating beams. The bridge is currently 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).
- 2.F Improve and Maintain the Existing Infrastructure -- Improve the condition of pedestrian and bicycle facilities.





Abingdon Road Bridge #169 over CSX Railroad

(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	\$5,440	\$1,360	\$0	\$0	\$6,800
OTH	\$0	\$0	\$0	\$0	\$120	\$30	\$0	\$0	\$150
ENG	\$400	\$100	\$0	\$0	\$0	\$0	\$0	\$0	\$500
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$400</b>	<b>\$100</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,560</b>	<b>\$1,390</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,450</b>
<b>Total</b>	<b>\$400</b>	<b>\$100</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,560</b>	<b>\$1,390</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,450</b>

Stafford Road Bridge #24 over Deer Creek

<b>TIP ID</b>	15-1501-13	<b>Year of Operation</b>	2023
<b>Agency</b>	Harford 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>	H154502	<b>Est. Total Cost</b>	\$3,100,000

**Description:**

This project includes replacement of the entire bridge superstructure including the bridge deck and steel beams. The current sufficiency rating is 52.3. A four foot shoulder is planned on the east side of the bridge.

Engineering funds were included in FY 2018. Additional engineering funds were included in FY 2020 to account for a design change from a deck replacement to a replacement of the entire superstructure.

**Justification:**

The bridge, built in 1950, shows numerous deficiencies and areas of deterioration. Replacing the bridge superstructure will extend its useful life for another 50 to 75 years.

**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).





Stafford Road Bridge #24 over Deer 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	\$2,160	\$540	\$0	\$0	\$0	\$0	\$0	\$0	\$2,700
OTH	\$40	\$60	\$0	\$0	\$0	\$0	\$0	\$0	\$100
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
<b>Subtotal</b>	<b>\$2,200</b>	<b>\$600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,800</b>
<b>Total</b>	<b>\$2,200</b>	<b>\$600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,800</b>

### Glenville Road Bridge #30 over Mill Brook

<b>TIP ID</b>	15-1601-13	<b>Year of Operation</b>	2025
<b>Agency</b>	Harford County	<b>Project Type</b>	Bridge repair/deck replacement
<b>Project Category</b>	Highway Preservation	<b>Functional Class</b>	Local
<b>Conformity Status</b>	Not Exempt	<b>Physical Data</b>	1 to 2 lanes
<b>CIP or CTP ID(s)</b>	H164501	<b>Est. Total Cost</b>	\$1,810,000

**Description:**

This project includes replacement of the bridge that carries Glenville Road over Mill Brook. Three foot shoulders are planned on both sides of the road.

Engineering funds through NEPA were authorized in FY 2021. FY 2023 engineering funds are for the completion of final design.

**Justification:**

The existing bridge is a single lane, steel beam, concrete deck structure. The existing concrete deck, exterior beams, and wingwalls are severely deteriorated and there is evidence of scour under the western abutment. The overall bridge rating is fair.

**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).





Glenville Road Bridge #30 over Mill Brook

(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	\$980	\$245	\$0	\$0	\$1,225
OTH	\$0	\$0	\$0	\$0	\$60	\$15	\$0	\$0	\$75
ENG	\$0	\$0	\$340	\$85	\$0	\$0	\$0	\$0	\$425
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$50	\$0	\$0	\$0	\$0	\$0	\$0	\$50
<b>Subtotal</b>	<b>\$0</b>	<b>\$50</b>	<b>\$340</b>	<b>\$85</b>	<b>\$1,040</b>	<b>\$260</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,775</b>
<b>Total</b>	<b>\$0</b>	<b>\$50</b>	<b>\$340</b>	<b>\$85</b>	<b>\$1,040</b>	<b>\$260</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,775</b>

### Grier Nursery Road Bridge #43 over Deer Creek

<b>TIP ID</b>	15-2001-13	<b>Year of Operation</b>	2025
<b>Agency</b>	Harford 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>	H204520	<b>Est. Total Cost</b>	\$2,500,000

**Description:**

This project includes replacement of the entire superstructure for the Grier Nursery Road bridge over Deer Creek. The bridge will not include sidewalks but will include shoulders (width TBD during engineering).

Engineering funds through NEPA were authorized in fall 2020. FY 2022 engineering funds are for completion of final design.

**Justification:**

The deck is in poor condition. The project is consistent with the master planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

**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).





Grier Nursery Road Bridge #43 over Deer 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	\$1,440	\$360	\$0	\$0	\$1,800
OTH	\$0	\$0	\$0	\$0	\$80	\$20	\$0	\$0	\$100
ENG	\$320	\$80	\$0	\$0	\$0	\$0	\$0	\$0	\$400
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$50	\$0	\$0	\$0	\$0	\$0	\$0	\$50
<b>Subtotal</b>	<b>\$320</b>	<b>\$130</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,520</b>	<b>\$380</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,350</b>
<b>Total</b>	<b>\$320</b>	<b>\$130</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,520</b>	<b>\$380</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,350</b>



### Hookers Mill Road Bridge #13 over Bynum Run

<b>TIP ID</b>	15-2002-13	<b>Year of Operation</b>	2024
<b>Agency</b>	Harford 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>	H204521	<b>Est. Total Cost</b>	\$3,250,000

**Description:**

This project includes replacement of the entire bridge that carries Hookers Mill Road over Bynum Run. The design is anticipated to include a 30-foot clear roadway consisting of two 11-foot travel lanes and two 4-foot shoulders. 5-foot sidewalks will be placed directly behind the curb on both sides of Hookers Mill Road. The bridge section will be evaluated during preliminary design to determine if a sidewalk will be placed on one or both sides of the bridge.

Engineering funds were authorized in FY 2021. FY 2023 engineering funds are for the completion of final design.

**Justification:**

The beams, deck and abutments are deteriorated and need to be replaced. This project is consistent with the master planning goal of maintaining a safe and adequate transportation system to serve existing and future populations. The Current bridge is rated poor.

**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).
- 2.F Improve and Maintain the Existing Infrastructure -- Improve the condition of pedestrian and bicycle facilities.





Hookers Mill Road Bridge #13 over Bynum 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	\$2,000	\$500	\$0	\$0	\$0	\$0	\$2,500
OTH	\$0	\$0	\$120	\$30	\$0	\$0	\$0	\$0	\$150
ENG	\$0	\$0	\$380	\$95	\$0	\$0	\$0	\$0	\$475
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$50	\$0	\$0	\$0	\$0	\$0	\$0	\$50
<b>Subtotal</b>	<b>\$0</b>	<b>\$50</b>	<b>\$2,500</b>	<b>\$625</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,175</b>
<b>Total</b>	<b>\$0</b>	<b>\$50</b>	<b>\$2,500</b>	<b>\$625</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,175</b>

### Madonna Road Bridge #113 over Deer Creek

<b>TIP ID</b>	15-2101-13	<b>Year of Operation</b>	2025
<b>Agency</b>	Harford County	<b>Project Type</b>	Bridge repair/deck replacement
<b>Project Category</b>	Highway Preservation	<b>Functional Class</b>	Local
<b>Conformity Status</b>	Not Exempt	<b>Physical Data</b>	1 to 2 lanes
<b>CIP or CTP ID(s)</b>	H214505	<b>Est. Total Cost</b>	\$3,650,000

**Description:**

This project includes replacement of the entire bridge that carries Madonna Road over Deer Creek. The bridge will not include sidewalks but will include shoulders on each side of the roadway (width TBD during engineering).

Engineering funds in FY 2022 are for preliminary engineering through the NEPA phase. FY 2023 engineering funds are for final design.

**Justification:**

The beams, deck and abutments are deteriorated and need to be replaced. This project is consistent with the master planning goal of maintaining a safe and adequate transportation system to serve existing and future populations. The bridge is currently 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).





Madonna Road Bridge #113 over Deer 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	\$2,000	\$500	\$2,500
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$120	\$30	\$150
ENG	\$400	\$100	\$360	\$90	\$0	\$0	\$0	\$0	\$950
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$50	\$0	\$0	\$0	\$0	\$0	\$0	\$50
<b>Subtotal</b>	<b>\$400</b>	<b>\$150</b>	<b>\$360</b>	<b>\$90</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,120</b>	<b>\$530</b>	<b>\$3,650</b>
<b>Total</b>	<b>\$400</b>	<b>\$150</b>	<b>\$360</b>	<b>\$90</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,120</b>	<b>\$530</b>	<b>\$3,650</b>

### St. Clair Bridge Road Bridge #100 over Deer Creek

<b>TIP ID</b>	15-2102-13	<b>Year of Operation</b>	2028
<b>Agency</b>	Harford 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>	\$2,425,000

**Description:**

This project includes replacement of the deck of the bridge carrying St. Clair Bridge Road over Deer Creek. The bridge will not include sidewalks but will include shoulders on each side of the roadway (width TBD during engineering). The previous estimated total cost of \$500,000 was for engineering only. The estimated total cost has been updated to reflect the full scope of work.

**Justification:**

The bridge deck is rated in fair condition. It is being replaced now to extend the useful life of the bridge and to avoid a full replacement. This project is consistent with the master planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

**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).





St. Clair Bridge Road Bridge #100 over Deer 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	\$400	\$100	\$500
PL	\$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>\$400</b>	<b>\$100</b>	<b>\$500</b>
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$400</b>	<b>\$100</b>	<b>\$500</b>

### Stafford Road Bridge #162 over Buck Branch

<b>TIP ID</b>	15-2103-13	<b>Year of Operation</b>	2027
<b>Agency</b>	Harford 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>	\$1,425,000

**Description:**

This project includes replacement of the deck of the bridge carrying Stafford Road over Buck Branch. The scope of work includes replacement of the superstructure as the superstructure is rated in fair condition. The bridge will not include sidewalks but will include shoulders on each side of the roadway (width TBD during engineering). The previous estimated total cost of \$400,000 included only the cost of engineering. The estimated total cost has been updated to reflect the full scope of work.

**Justification:**

The deck is in poor condition and the superstructure is in fair condition. This project is consistent with the master planning goal of maintaining a safe and adequate transportation system to serve existing and future populations

**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).





Stafford Road Bridge #162 over Buck 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	\$0	\$0	\$0
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$320	\$80	\$0	\$0	\$0	\$0	\$400
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$25	\$0	\$0	\$25
<b>Subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$320</b>	<b>\$80</b>	<b>\$0</b>	<b>\$25</b>	<b>\$0</b>	<b>\$0</b>	<b>\$425</b>
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$320</b>	<b>\$80</b>	<b>\$0</b>	<b>\$25</b>	<b>\$0</b>	<b>\$0</b>	<b>\$425</b>



### Trappe Church Road Bridge #161 over Hollands Branch

<b>TIP ID</b>	15-2104-13	<b>Year of Operation</b>	2027
<b>Agency</b>	Harford 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>	\$1,850,000

**Description:**

This project includes full replacement of the of the bridge carrying Trappe Church Road over Hollands Branch. The bridge will not include sidewalks but will include shoulders on each side of the roadway (width TBD during engineering). The previous estimated total cost of \$300,000 included engineering only. It has been updated to reflect the full scope of work for the project.

**Justification:**

The deck, superstructure, and substructure are all in poor condition. This project is consistent with the master planning goal of maintaining a safe and adequate transportation system to serve existing and future populations

**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).





Trappe Church Road Bridge #161 over Hollands 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	\$0	\$0	\$0
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$400	\$100	\$0	\$0	\$0	\$0	\$0	\$0	\$500
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$50	\$0	\$0	\$0	\$0	\$50
<b>Subtotal</b>	<b>\$400</b>	<b>\$100</b>	<b>\$0</b>	<b>\$50</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$550</b>
<b>Total</b>	<b>\$400</b>	<b>\$100</b>	<b>\$0</b>	<b>\$50</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$550</b>

### Moores Road Bridge #78 over a tributary to Gunpowder Falls

<b>TIP ID</b>	15-2201-13	<b>Year of Operation</b>	2027
<b>Agency</b>	Harford 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>	\$2,200,000

**Description:**

This project includes replacement of the entire structure carrying Moores Road over a tributary to Gunpowder Falls. The inclusion of sidewalks and shoulders will be determined during engineering. The project also includes realignment of the approach roadways for improved safety.

**Justification:**

The existing bridge is situated on a sharp curve and is very narrow. The wingwalls, deck and beams are deteriorating. This project is consistent with the master planning goal of maintaining a safe and adequate transportation system to serve existing and future populations. The bridge is currently 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).





Moores Road Bridge #78 over a tributary to Gunpowder Falls

(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	\$400	\$100	\$0	\$0	\$500
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50	\$50
<b>Subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$400</b>	<b>\$100</b>	<b>\$0</b>	<b>\$50</b>	<b>\$550</b>
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$400</b>	<b>\$100</b>	<b>\$0</b>	<b>\$50</b>	<b>\$550</b>

### Hess Road Bridge #81 over Yellow Branch

<b>TIP ID</b>	15-2202-13	<b>Year of Operation</b>	2029
<b>Agency</b>	Harford County	<b>Project Type</b>	Bridge repair/deck replacement
<b>Project Category</b>	Highway Preservation	<b>Functional Class</b>	Major 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>	\$500,000

**Description:**

This project includes replacement of bridge #81 carrying Hess Road over Yellow Branch. Shoulders will be included as part of the bridge replacement (width to be determined during preliminary engineering). Sidewalks will not be included on the bridge.

The estimated total cost includes only the cost of engineering and will be updated when the scope of work is fully defined.

**Justification:**

The existing bridge is narrow and has a deteriorated deck and beams. The current 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).





Hess Road Bridge #81 over Yellow 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	\$0	\$0	\$0
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$400	\$100	\$500
PL	\$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>\$400</b>	<b>\$100</b>	<b>\$500</b>
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$400</b>	<b>\$100</b>	<b>\$500</b>

### Bridge Inspection Program

<b>TIP ID</b>	15-9411-14	<b>Year of Operation</b>	Ongoing
<b>Agency</b>	Harford County	<b>Project Type</b>	Bridge inspections
<b>Project Category</b>	Highway Preservation	<b>Functional Class</b>	NA
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	NA
<b>CIP or CTP ID(s)</b>	H054501	<b>Est. Total Cost</b>	\$5,100,000

**Description:**

This federal program provides funding for the inspection of bridges in Harford County.

**Justification:**

Federal law mandates the inspection of all bridges over 20 feet clear span on a two-year cycle. The bridge inspection data is analyzed to develop priorities for bridge repairs & replacements. As of 2020, Harford County inspects a total of 245 bridges. 158 bridges are longer than 20 feet and are inspected with federal funding.

**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	\$1,500	\$0	\$0	\$0	\$1,700	\$0	\$1,900	\$0	\$5,100
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
<b>Subtotal</b>	<b>\$1,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,700</b>	<b>\$0</b>	<b>\$1,900</b>	<b>\$0</b>	<b>\$5,100</b>
<b>Total</b>	<b>\$1,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,700</b>	<b>\$0</b>	<b>\$1,900</b>	<b>\$0</b>	<b>\$5,100</b>