

Abingdon Road Bridge #169 over CSX Railroad

TIP ID	15-1001-13	Year of Operation	2021
Agency	Harford County	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	Minor Arterial
Conformity Status	Exempt	Physical Data	2 to 2 lanes
CIP or CTP ID(s)		Est. Total Cost	\$4,180,000

Description:

Replace the bridge that carries Abingdon Road over the CSX Railroad tracks. Five foot sidewalk planned on one side of the road.

PE funding in a previous TIP.

Justification:

Replacement is necessary due to the bridge's multiple deficiencies that include substandard railings and curbs, deteriorating deck and deteriorating beams.

Connection to Long-Range Transportation Planning Goals:

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





Abingdon Road Bridge #169 over CSX Railroad

(Funding in Thousands)

Surface Transportation Block Grant Program

Phase	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	Total Four-Year Funding Request
CON	\$200	\$0	\$2,200	\$550	\$0	\$0	\$0	\$0	\$2,950
OTH	\$0	\$0	\$120	\$30	\$0	\$0	\$0	\$0	\$150
PE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$50	\$0	\$0	\$0	\$0	\$0	\$0	\$50
Subtotal	\$200	\$50	\$2,320	\$580	\$0	\$0	\$0	\$0	\$3,150
Total	\$200	\$50	\$2,320	\$580	\$0	\$0	\$0	\$0	\$3,150

Chestnut Hill Bridge #40

TIP ID	15-1101-13	Year of Operation	2019
Agency	Harford County	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	Local
Conformity Status	Not Exempt	Physical Data	1 to 2 lanes
CIP or CTP ID(s)		Est. Total Cost	\$1,360,000

Description:

This project will replace the existing Chestnut Hill Road Bridge. Three foot shoulders planned on both sides of the road.

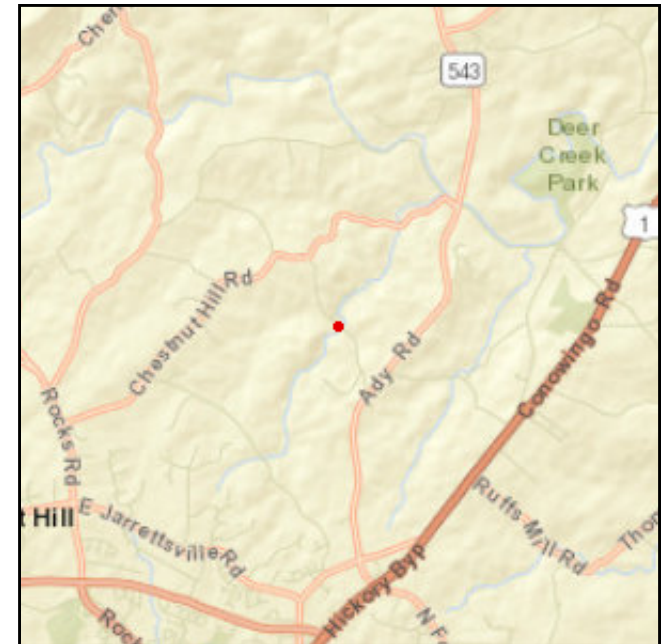
PE funding in a previous TIP.

Justification:

The current structure is a single-lane bridge with deteriorating superstructure and an inadequate waterway opening.

Connection to Long-Range Transportation Planning Goals:

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





Chestnut Hill Bridge #40

(Funding in Thousands)

Surface Transportation Block Grant Program

Phase	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	Total Four-Year Funding Request
CON	\$864	\$216	\$0	\$0	\$0	\$0	\$0	\$0	\$1,080
OTH	\$48	\$52	\$0	\$0	\$0	\$0	\$0	\$0	\$100
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
Subtotal	\$912	\$268	\$0	\$0	\$0	\$0	\$0	\$0	\$1,180
Total	\$912	\$268	\$0	\$0	\$0	\$0	\$0	\$0	\$1,180

Phillips Mill Road Bridge #70 over East Branch Tributary

TIP ID	15-1102-13	Year of Operation	2020
Agency	Harford 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	\$3,485,000

Description:

This project is to replace the bridge that carries Phillips Mill Road over a tributary to East Branch. Three foot shoulders planned on both sides of the road.

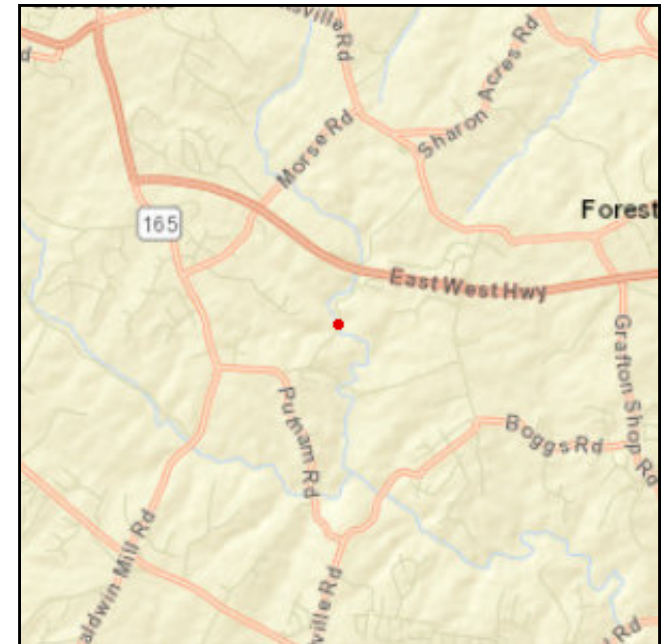
PE funding in a previous TIP.

Justification:

The existing structure shows scour around the abutments, a deteriorated deck, and an undersized waterway opening.

Connection to Long-Range Transportation Planning Goals:

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





Phillips Mill Road Bridge #70 over East Branch Tributary

(Funding in Thousands)

Surface Transportation Block Grant Program

Phase	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$50	\$2,240	\$560	\$0	\$0	\$0	\$0	\$2,850
OTH	\$0	\$0	\$60	\$90	\$0	\$0	\$0	\$0	\$150
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
Subtotal	\$0	\$50	\$2,300	\$650	\$0	\$0	\$0	\$0	\$3,000
Total	\$0	\$50	\$2,300	\$650	\$0	\$0	\$0	\$0	\$3,000

Robinson Mill Road Bridge #154 over Broad Creek

TIP ID	15-1401-13	Year of Operation	2018
Agency	Harford 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	\$1,815,000

Description:

This project is to replace the entire bridge that carries Robinson Mill Road over Broad Creek. The two-lane approach road on both ends of the bridge includes horizontal curves that restrict sight distance across the bridge. Three foot shoulders planned on both sides of the road.

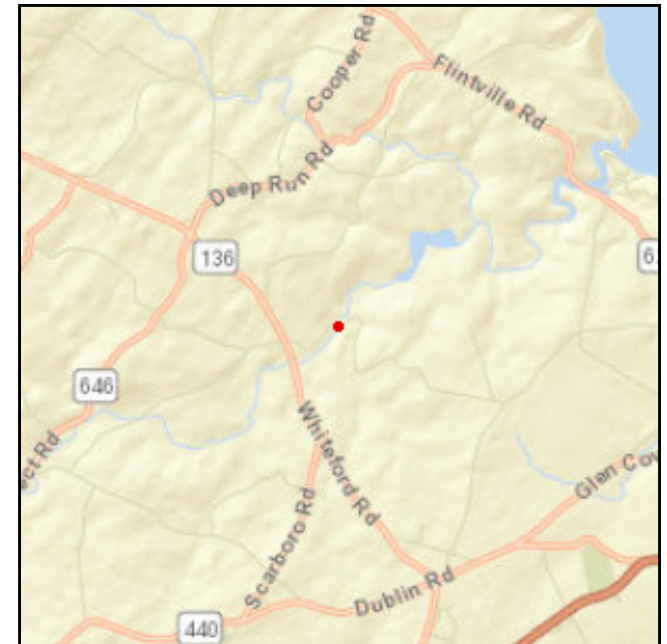
PE funds were in a previous TIP.

Justification:

The existing bridge was closed to traffic on March 10, 2017. The beams and deck are severely 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.

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).





Robinson Mill Road Bridge #154 over Broad Creek

(Funding in Thousands)

Surface Transportation Block Grant Program

Phase	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	Total Four-Year Funding Request
CON	\$80	\$50	\$0	\$0	\$0	\$0	\$0	\$0	\$130
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
Subtotal	\$80	\$50	\$0	\$0	\$0	\$0	\$0	\$0	\$130
Total	\$80	\$50	\$0	\$0	\$0	\$0	\$0	\$0	\$130

Stafford Road Bridge #24 over Deer Creek

TIP ID	15-1501-13	Year of Operation	2021
Agency	Harford 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	\$1,800,000

Description:

This is a bridge rehabilitation project to consist of repair and/or replacement of the bridge deck and repairs to the beam seats, abutments, wingwalls, piers, backwalls, rocker bearings, and railing posts. The current sufficiency rating is 52.3. A four foot shoulder is planned on the east side of the bridge.

PE funding in a previous TIP.

Justification:

The bridge, built in 1950, shows numerous deficiencies and areas of deterioration. The purpose of this project is to rehabilitate the bridge to extend its useful life for another 40 years.

Connection to Long-Range Transportation Planning Goals:

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 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$1,200	\$300	\$0	\$0	\$0	\$0	\$1,500
OTH	\$0	\$0	\$80	\$20	\$0	\$0	\$0	\$0	\$100
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
Subtotal	\$0	\$0	\$1,280	\$320	\$0	\$0	\$0	\$0	\$1,600
Total	\$0	\$0	\$1,280	\$320	\$0	\$0	\$0	\$0	\$1,600

Glenville Road Bridge #30

TIP ID	15-1601-13	Year of Operation	2023
Agency	Harford County	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	Local
Conformity Status	Not Exempt	Physical Data	1 to 2 lanes
CIP or CTP ID(s)		Est. Total Cost	\$1,440,000

Description:

Replace the bridge that carries Glenville Road over Mill Brook. Three foot shoulders planned on both sides of the road.

PE funding in a previous TIP.

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.

Connection to Long-Range Transportation Planning Goals:

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





Glenville Road Bridge #30

(Funding in Thousands)

Surface Transportation Block Grant Program

Phase	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$776	\$194	\$970
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$60	\$15	\$75
PE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$25	\$0	\$0	\$0	\$0	\$0	\$0	\$25
Subtotal	\$0	\$25	\$0	\$0	\$0	\$0	\$836	\$209	\$1,070
Total	\$0	\$25	\$0	\$0	\$0	\$0	\$836	\$209	\$1,070

Bridge Inspection Program

TIP ID	15-9411-14	Year of Operation	Ongoing
Agency	Harford County	Project Type	Bridge inspections
Project Category	Highway Preservation	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP or CTP ID(s)	H054501	Est. Total Cost	\$2,100,000

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 September 2009, Harford County maintains 66 structures under 20 feet and 155 structures longer than 20 feet.

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 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 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	\$850	\$0	\$100	\$100	\$850	\$0	\$100	\$100	\$2,100
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$850	\$0	\$100	\$100	\$850	\$0	\$100	\$100	\$2,100
Total	\$850	\$0	\$100	\$100	\$850	\$0	\$100	\$100	\$2,100