

Bata Boulevard Access Road

TIP ID	15-1402-42	Year of Operation	2023
Agency	Harford County	Project Type	New or extended roadways
Project Category	Highway Capacity	Functional Class	Local
Conformity Status	Not Exempt	Physical Data	0 to 2 lanes, 700 feet
CIP or CTP ID(s)		Est. Total Cost	\$535,000

Description:

The project will construct an access road from MD 543 directly to Bata Boulevard. The project has been planned since the redevelopment of the Bata land site. Right of way to construct the road has been reserved and the alignment is rough graded. This project will relieve existing and anticipated delays at the existing US 40/MD 543 intersection by eliminating the left turns from MD 543 to westbound US 40. Increases in traffic from both Perryman and BRAC will necessitate the capacity improvements. This project will be multi-modal in that bicycle lanes and pedestrian access will be considered where possible and appropriate.

Justification:

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations. The anticipated increases in traffic volumes from BRAC will also create additional delays at the MD 543/US 40 interchange. This project will divert some traffic to another location thereby reducing delays and adding capacity to the intersection.

Connection to Long-Range Transportation Planning Goals:

- 1.E Improve System Safety -- Improve safety conditions for pedestrians and bicyclists.
- 4. Increase Mobility
- 7.E Promote Prosperity and Economic Opportunity -- Improve access to existing communities and regional generators of economic activity.





Bata Boulevard Access Road

(Funding in Thousands)

Other

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	\$400	\$400
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25	\$25
ENG	\$0	\$100	\$0	\$0	\$0	\$0	\$0	\$0	\$100
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$10	\$0	\$0	\$10
Subtotal	\$0	\$100	\$0	\$0	\$0	\$10	\$0	\$425	\$535
Total	\$0	\$100	\$0	\$0	\$0	\$10	\$0	\$425	\$535

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)	H104501	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.

Engineering funds were included in a previous TIP.

Justification:

Replacement is necessary due to the bridge's multiple deficiencies that include substandard railings and curbs, a 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 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	\$200	\$0	\$2,200	\$550	\$0	\$0	\$0	\$0	\$2,950
OTH	\$0	\$0	\$120	\$30	\$0	\$0	\$0	\$0	\$150
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$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	2020
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)	H114501	Est. Total Cost	\$1,560,000

Description:

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

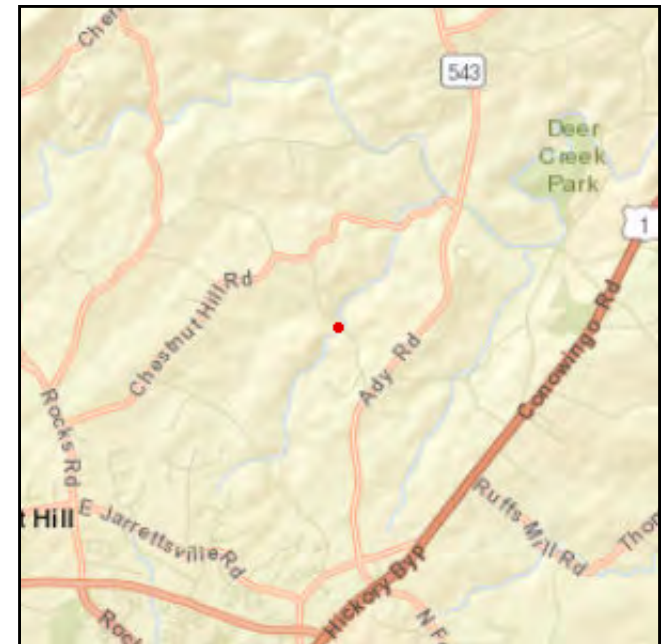
Engineering funds were included in a previous TIP.

Justification:

The current structure is a single-lane bridge with a 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 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	\$1,072	\$308	\$0	\$0	\$0	\$0	\$0	\$0	\$1,380
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	\$1,072	\$308	\$0	\$0	\$0	\$0	\$0	\$0	\$1,380
Total	\$1,072	\$308	\$0	\$0	\$0	\$0	\$0	\$0	\$1,380

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)	H114502	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.

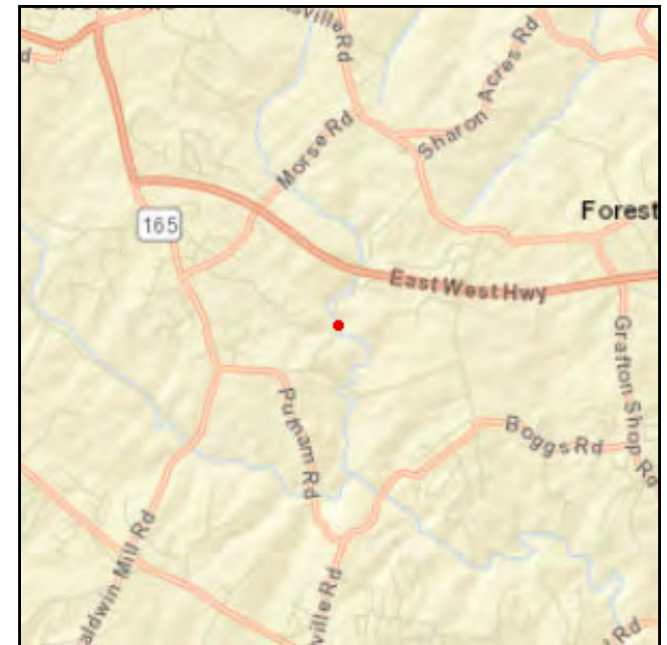
Engineering funds were included in a previous TIP.

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 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	\$2,240	\$560	\$0	\$0	\$0	\$0	\$0	\$0	\$2,800
OTH	\$60	\$90	\$0	\$0	\$0	\$0	\$0	\$0	\$150
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	\$2,300	\$650	\$0	\$0	\$0	\$0	\$0	\$0	\$2,950
Total	\$2,300	\$650	\$0	\$0	\$0	\$0	\$0	\$0	\$2,950

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)	H154502	Est. Total Cost	\$3,100,000

Description:

This is a replacement of the entire bridge superstructure including bridge deck and steel beams. The project cost has increased from \$1.8 million in the last TIP to \$3.1 million due to a scope change to replace the entire bridge superstructure in lieu of only replacing the bridge deck. 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 a previous TIP. Additional engineering funds are included in FY20 to account for the 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. 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 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	\$2,160	\$540	\$0	\$0	\$0	\$0	\$2,700
OTH	\$0	\$0	\$40	\$60	\$0	\$0	\$0	\$0	\$100
ENG	\$100	\$100	\$0	\$0	\$0	\$0	\$0	\$0	\$200
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$100	\$100	\$2,200	\$600	\$0	\$0	\$0	\$0	\$3,000
Total	\$100	\$100	\$2,200	\$600	\$0	\$0	\$0	\$0	\$3,000

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)	H164501	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.

Engineering funds were included 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 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	\$1,040	\$260	\$1,300
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	\$21	\$0	\$0	\$0	\$0	\$21
Subtotal	\$0	\$0	\$0	\$21	\$0	\$0	\$1,040	\$260	\$1,321
Total	\$0	\$0	\$0	\$21	\$0	\$0	\$1,040	\$260	\$1,321

Grier Nursery Road Bridge #43

TIP ID	15-2001-13	Year of Operation	2023
Agency	Harford 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	\$2,425,000

Description:

The project is to replace the entire superstructure for the Grier Nursery Road bridge over Deer Creek. Bridge will include shoulders but not sidewalks.

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:

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





Grier Nursery Road Bridge #43

(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	\$1,440	\$360	\$1,800
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$80	\$20	\$100
ENG	\$400	\$100	\$0	\$0	\$0	\$0	\$0	\$0	\$500
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$25	\$0	\$0	\$0	\$0	\$25
Subtotal	\$400	\$100	\$0	\$25	\$0	\$0	\$1,520	\$380	\$2,425
Total	\$400	\$100	\$0	\$25	\$0	\$0	\$1,520	\$380	\$2,425

Hookers Mill Road Bridge #13

TIP ID	15-2002-13	Year of Operation	2022
Agency	Harford 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)	H094502	Est. Total Cost	\$3,180,000

Description:

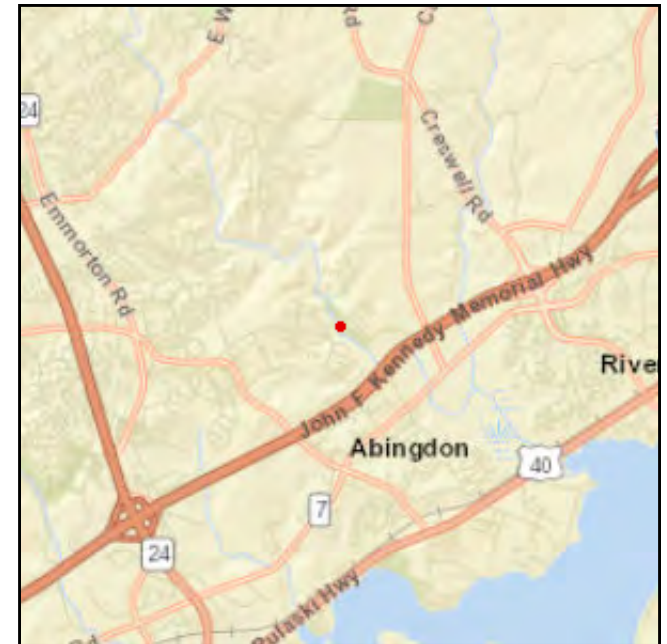
This project is to replace the entire bridge that carries Hookers Mill over Bynum Run. The design is anticipated to include a 30-foot clear roadway consisting of two 11-foot travel lanes and two 4-foot shoulders with a sidewalk on one side.

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.

Connection to Long-Range Transportation Planning Goals:

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





Hookers Mill Road Bridge #13

(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	\$2,000	\$500	\$0	\$0	\$2,500
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	\$30	\$0	\$0	\$0	\$0	\$30
Subtotal	\$400	\$100	\$0	\$30	\$2,120	\$530	\$0	\$0	\$3,180
Total	\$400	\$100	\$0	\$30	\$2,120	\$530	\$0	\$0	\$3,180

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	\$2,500,000

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 2019, Harford County inspects a total of 250 bridges. 160 bridges are longer than 20 feet and are inspected with federal funding.

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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$150	\$0	\$1,100	\$0	\$0	\$0	\$1,250	\$0	\$2,500
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$150	\$0	\$1,100	\$0	\$0	\$0	\$1,250	\$0	\$2,500
Total	\$150	\$0	\$1,100	\$0	\$0	\$0	\$1,250	\$0	\$2,500