

March 3, 2023

Mr. Lamin Williams
Acting Division Administrator
Attn: Dr. Azmat Hussain
Federal Highway Administration
Maryland Division
George H. Fallon Federal Building
31 Hopkins Plaza, Suite 1520
Baltimore MD 21201

Ms. Terry Garcia Crews
Regional Administrator
Attn: Mr. Anthony Jreije
Federal Transit Administration, Region III
1835 Market Street, Suite 1910
Philadelphia PA 19103-2968

Dear Mr. Williams and Ms. Crews:

The Maryland Department of Transportation (MDOT) requests to amend the Fiscal Year (FY) 2022 – 2025 Maryland Statewide Transportation Improvement Program (STIP) to reflect updates to an existing Bridge Repair and Deck Replacement project on behalf Howard County, Maryland. This project is an ongoing program that provides upgrades and maintenance of bridge structures on Howard County Roadways.

The MDOT has designated this amendment as MDOT Control #22-62. The supporting documentation is attached.

Project Name	STIP #	Funding Source	FY22-FY25 Net Federal Change \$(000)
Bridge Repair and Deck Replacement	16-0436-13	STBG	\$4,040

Howard County has affirmed that fiscal constraint for their program of projects remains intact and have made a commitment to the match required.

Mr. Gregory Murrill
Ms. Terry Garcia Crews
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If you have questions or need additional information, please contact Mr. Dan Janousek Office of Planning and Capital Programming (OPCP) Regional Planner at 410-865-1098 or via email at djanousek@mdot.maryland.gov for assistance. Of course, please feel free to contact me directly.

Sincerely,

Tyson Byrne
Regional Planning Manager
Office of Planning and Capital Programming

Attachment

cc: Mr. Dan Janousek, Regional Planner, OPCP, MDOT


MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP BRTB Baltimore County #16-0436-13

SUMMARY TABLE

Project	Amendment Criteria	Conformity Status	Environmental Status	Current Funding Level (000s)		
				Federal	State/Local	Total
Bridge Repair and deck Replacement	B	Exempt	N/A	\$ 9,185	\$ 8,826	\$ 18,011
	Administration	Area/MPO	CTP Page	Net Funding Change (000s)		
	Harford	BRTB	N/A	Federal	State/Local	Total
				\$ 4,040	\$ 1,010	\$ 5,050
Description	Upgrades and maintenance of structures on Howard County Roadways.					
Justification	This work will address deterioration of existing structures.					

INDIVIDUAL REQUEST FORM

STIP/TIP Amendment Criteria			Funding	FY 2022	FY 2023	FY 2024	FY 2025	Total
<div><input type="checkbox"/> A) Adds new individual projects to the current STIP</div> <div><input checked="" type="checkbox"/> B) Increase/decrease, scope change, advance, delay, or phase change</div> <div><input type="checkbox"/> C) Removes or deletes individual listed project from the STIP</div> <div><input type="checkbox"/> D) Other</div> <div> MARYLAND DEPARTMENT OF TRANSPORTATION</div>	Current (000s)	Total	\$	-	\$ 15,421	\$ 2,590	\$ -	\$ 18,011
		Federal	\$	-	\$ 7,216	\$ 1,969	\$ -	\$ 9,185
		State/Local	\$	-	\$ 8,205	\$ 621	\$ -	\$ 8,826
	Proposed (000s)	Total	\$	-	\$ 15,571	\$ 4,140	\$ 3,350	\$ 23,061
		Federal	\$	-	\$ 7,336	\$ 3,209	\$ 2,680	\$ 13,225
		State/Local	\$	-	\$ 8,235	\$ 931	\$ 670	\$ 9,836
	Change (000s)	Total	\$	-	\$ 150	\$ 1,550	\$ 3,350	\$ 5,050
		Federal	\$	-	\$ 120	\$ 1,240	\$ 2,680	\$ 4,040
		State/Local	\$	-	\$ 30	\$ 310	\$ 670	\$ 1,010



PHASE DETAIL

Current		FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
Phase	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
PP	STBG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE		\$ -	\$ -	\$ -	\$ 2,863	\$ -	\$ 128	\$ -	\$ -	\$ -	\$ 2,991	\$ 2,991
RW		\$ -	\$ -	\$ -	\$ 310	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 310	\$ 310
CO		\$ -	\$ -	\$ 7,216	\$ 4,953	\$ 1,969	\$ 493	\$ -	\$ -	\$ 9,185	\$ 5,446	\$ 14,631
Other		\$ -	\$ -	\$ -	\$ 79	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 79	\$ 79
Total		\$ -	\$ -	\$ 7,216	\$ 8,205	\$ 1,969	\$ 621	\$ -	\$ -	\$ 9,185	\$ 8,826	\$ 18,011
Proposed		FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
Phase	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
PP	STBG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE		\$ -	\$ -	\$ 40	\$ 2,873	\$ 960	\$ 368	\$ 640	\$ 160	\$ 1,640	\$ 3,401	\$ 5,041
RW		\$ -	\$ -	\$ -	\$ 310	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 310	\$ 310
CO		\$ -	\$ -	\$ 7,296	\$ 4,973	\$ 2,249	\$ 563	\$ 2,040	\$ 510	\$ 11,585	\$ 6,046	\$ 17,631
Other		\$ -	\$ -	\$ -	\$ 79	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 79	\$ 79
Total		\$ -	\$ -	\$ 7,336	\$ 8,235	\$ 3,209	\$ 931	\$ 2,680	\$ 670	\$ 13,225	\$ 9,836	\$ 23,061
Change		FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
Phase	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
PP	STBG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE		\$ -	\$ -	\$ 40	\$ 10	\$ 960	\$ 240	\$ 640	\$ 160	\$ 1,640	\$ 410	\$ 2,050
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO		\$ -	\$ -	\$ 80	\$ 20	\$ 280	\$ 70	\$ 2,040	\$ 510	\$ 2,400	\$ 600	\$ 3,000
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total		\$ -	\$ -	\$ 120	\$ 30	\$ 1,240	\$ 310	\$ 2,680	\$ 670	\$ 4,040	\$ 1,010	\$ 5,050

TOTAL PROJECT COST

Prior Cost (≤ FY 2021)		STIP Cost (FY 2022-2025)		Balance to Complete (≥ FY 2026)		Total Project Cost	
Federal	\$ -	Federal	\$ 13,225	Federal	\$ -	Federal	\$ 13,225
State/Local	\$ -	State/Local	\$ 9,836	State/Local	\$ -	State/Local	\$ 9,836
Total	\$ -	Total	\$ 23,061	Total	\$ -	Total	\$ 23,061



**BALTIMORE
METROPOLITAN
COUNCIL**

February 28, 2023

Ms. Heather Murphy
Office of Planning & Capital Programming
Attn: Mr. Dan Janousek
Maryland Department of Transportation
7201 Corporate Center Drive
Hanover, MD 21076-1415

Dear Ms. Murphy:

Enclosed is one amendment to the *2023-2026 Baltimore Region Transportation Improvement Program (TIP)* as approved by the Baltimore Regional Transportation Board (BRTB) on February 28, 2023. The documentation enclosed supports changes to the *2023-2026 TIP* for the Bridge Repair and Deck Replacement project in Howard County:

- **Bridge Repair and Deck Replacement: 16-0436-13**

This amendment were presented to the Technical Committee on February 7, 2023. The Interagency Consultation Group (ICG) has also determined this project to be exempt according to the conformity rule.

Howard County has affirmed that fiscal constraint for their program of projects remains intact and have made a commitment to the match required.

Pursuant to the prescribed TIP amendment process MOU signed in 2014, the BRTB approved Resolution #23-14 to support these changes to the *2023-2026 TIP*.



If you have any questions, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "T. Lang", is written over a light gray rectangular background.

Todd R. Lang, Director
Transportation Planning

Enclosures

cc: Mr. David Cookson, Howard County
Mr. Prasoon Shrestha, Howard County



Summary of FY 2023-2026 TIP Changes

Project Title	TIP Change Reason	Description	Type of Change
Bridge Repair and Deck Replacement 16-0436-13	This amendment updates the project scope to include 10 additional "Poor" rated bridges. Individual bridges are no longer listed in the project description. Please see the attached for a list of structures included in this amendment. The 2023-2026 TIP must include these projects so that the federal funds can be requested for engineering and construction of the projects. Funding for engineering increases \$2.15 million (\$1.72 million federal/\$430,000 matching) in FY 2023-2026. Funding for construction increases \$5.2 million (\$4.16 million federal/\$1.04 million matching) in FY 2023-2026. The total estimated cost of the project increases from \$18,011,000 to \$25,361,000.	This is an ongoing program to provide upgrades and maintenance of structures on Howard County Roadways. These are non-capacity improvements which may include but are not limited to bridge rehabilitation and replacement, painting, structural repairs, and general maintenance on various Howard County bridges. Conformity Status: Exempt	Amendment Resolution #23-14

BALTIMORE METROPOLITAN PLANNING ORGANIZATION

**BALTIMORE REGIONAL TRANSPORTATION BOARD
RESOLUTION #23-14**

**AMENDMENT TO THE 2023 – 2026 BALTIMORE REGION
TRANSPORTATION IMPROVEMENT PROGRAM**

WHEREAS, the Baltimore Regional Transportation Board is the designated Metropolitan Planning Organization for the Baltimore region, encompassing the Baltimore Urbanized Area, and includes official representatives of the cities of Annapolis and Baltimore, the counties of Anne Arundel, Baltimore, Carroll, Harford, Howard, and Queen Anne's as well as representatives of the Maryland Department of Transportation, the Maryland Department of the Environment, the Maryland Department of Planning, the Maryland Transit Administration, and Annapolis Transit; and

WHEREAS, the Baltimore Regional Transportation Board, as the Metropolitan Planning Organization for the Baltimore region, approved the 2023-2026 Transportation Improvement Program for the Baltimore region at its August 23, 2022 meeting, with federal approval on September 7, 2022; and

WHEREAS, federal regulations require that all transportation-related projects must be listed in the approved Transportation Improvement Program with accurate funding schedules in order to be eligible for federal funding; and

WHEREAS, the Transportation Improvement Program consists of projects included in, and in support of, the region's long-range transportation plan and ongoing short-range planning efforts; and

WHEREAS, Howard County has requested approval of one amendment to the 2023-2026 Transportation Improvement Program through the approved Transportation Improvement Program amendment process; and

WHEREAS, Howard County is requesting to amend the Bridge Repair and Deck Replacement project in the 2023-2026 TIP. Howard County is adding funds for engineering, and Construction in FY 2023 through FY 2026 necessitating the amendment of this project in the 2023-2026 TIP (see attachment); and

WHEREAS, the Transportation Improvement Program, as amended, continues to display financial reasonableness and re-affirms the appropriate project selection criteria whereby all requirements for a Transportation Improvement Program in the Fixing America's Surface Transportation Act are met; and

WHEREAS, this project is consistent with the federal emphasis on performance-based planning and programming, specifically the federal requirements pertaining to maintaining bridges in a state of good repair; and

WHEREAS, the Interagency Consultation Group has determined that this project is exempt according to the Conformity Rule (40 CFR Parts 51 and 93); and

WHEREAS, the proposed Transportation Improvement Program amendment was presented to the Technical Committee on February 7, 2023.

NOW, THEREFORE, BE IT RESOLVED that the Baltimore Regional Transportation Board, as the Metropolitan Planning Organization for the Baltimore region, approves the attached amendment to the 2023-2026 Transportation Improvement Program for the Baltimore region and finds it to conform to the applicable Maryland State Implementation Plan and requirements of the 1990 Clean Air Act Amendments.

I HEREBY CERTIFY that the Baltimore Regional Transportation Board as the Metropolitan Planning Organization for the Baltimore region approved the aforementioned resolution on February 28, 2023.

2-28-2023
Date



Sam Snead, Chair
Baltimore Regional Transportation Board

Bridge Repair and Deck Replacement

TIP ID	16-0436-13	Year of Operation	Ongoing
Agency	Howard County	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	Varies
Conformity Status	Exempt	Physical Data	Varies
CIP or CTP ID(s)	Various projects	Est. Total Cost	\$25,361,000

Description:

This is an ongoing program to provide upgrades and maintenance of structures on Howard County Roadways. These are non-capacity improvements which may include but are not limited to bridge rehabilitation and replacement, painting, structural repairs, and general maintenance on various Howard County bridges.

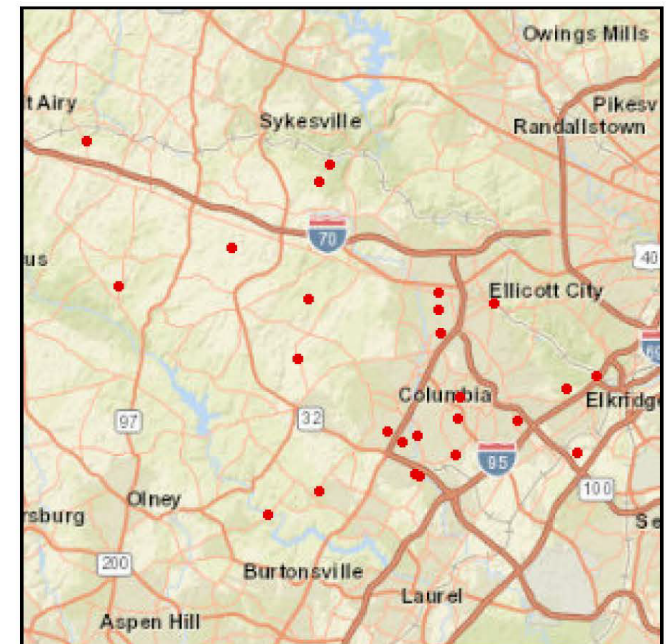
Justification:

This project will alleviate bridge deterioration and improve the safety and longevity of all bridges included in the bridge repair and rehabilitation program.

Amendment: This amendment updates the project scope to include 10 additional "Poor" rated bridges. Individual bridges are no longer listed in the project description. Please see the attached for a list of structures included in this amendment. The 2023-2026 TIP must include these projects so that the federal funds can be requested for engineering and construction of the projects. Funding for engineering increases \$2.15 million (\$1.72 million federal/\$430,000 matching) in FY 2023-2026. Funding for construction increases \$5.2 million (\$4.16 million federal/\$1.04 million matching) in FY 2023-2026. The total estimated cost of the project increases from \$18,011,000 to \$25,361,000.

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).





Bridge Repair and Deck Replacement

(Funding in Thousands)

Other -ORIGINAL

Phase	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$4,953	\$0	\$493	\$0	\$0	\$0	\$0	\$5,446
OTH	\$0	\$79	\$0	\$0	\$0	\$0	\$0	\$0	\$79
ENG	\$0	\$2,863	\$0	\$128	\$0	\$0	\$0	\$0	\$2,991
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$310	\$0	\$0	\$0	\$0	\$0	\$0	\$310
Subtotal	\$0	\$8,205	\$0	\$621	\$0	\$0	\$0	\$0	\$8,826

Surface Transportation Block Grant Program -ORIGINAL

Phase	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	Total Four-Year Funding Request
CON	\$7,216	\$0	\$1,969	\$0	\$0	\$0	\$0	\$0	\$9,185
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	\$7,216	\$0	\$1,969	\$0	\$0	\$0	\$0	\$0	\$9,185
Total	\$7,216	\$8,205	\$1,969	\$621	\$0	\$0	\$0	\$0	\$18,011



Bridge Repair and Deck Replacement

(Funding in Thousands)

Other - UPDATE

Phase	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$4,973	\$0	\$563	\$0	\$510	\$0	\$440	\$6,486
OTH	\$0	\$79	\$0	\$0	\$0	\$0	\$0	\$0	\$79
ENG	\$0	\$2,873	\$0	\$368	\$0	\$160	\$0	\$20	\$3,421
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$310	\$0	\$0	\$0	\$0	\$0	\$0	\$310
Subtotal	\$0	\$8,235	\$0	\$931	\$0	\$670	\$0	\$460	\$10,296

Surface Transportation Block Grant Program - UPDATE

Phase	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	Total Four-Year Funding Request
CON	\$7,296	\$0	\$2,249	\$0	\$2,040	\$0	\$1,760	\$0	\$13,345
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$40	\$0	\$960	\$0	\$640	\$0	\$80	\$0	\$1,720
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$7,336	\$0	\$3,209	\$0	\$2,680	\$0	\$1,840	\$0	\$15,065
Total	\$7,336	\$8,235	\$3,209	\$931	\$2,680	\$670	\$1,840	\$460	\$25,361

Bridge No.	Location	Rating	FY 2023	FY 2024	FY 2025	FY 2026
HO0021	Browns Bridge Road over Patuxent River	Poor	PE \$0 CO \$100,000 TOT \$100,000	PE \$0 CO \$350,000 TOT \$350,000	PE \$0 CO \$0 TOT \$0	PE \$0 CO \$0 TOT \$0
HO0060	Seneca Road over Beaver Run Branch	Poor	PE \$50,000 CO \$0 TOT \$50,000	PE \$350,000 CO \$0 TOT \$350,000	PE \$400,000 CO \$500,000 TOT \$900,000	PE \$0 CO \$1,700,000 TOT \$1,700,000
HO080	Dunloggin Road over Plumtree Branch	Poor	PE \$0 CO \$0 TOT \$0	PE \$500,000 CO \$0 TOT \$500,000	PE \$400,000 CO \$0 TOT \$400,000	PE \$100,000 CO \$500,000 TOT \$600,000
HO0107	Tiber Alley over Tiber River	Poor	PE \$0 CO \$0 TOT \$0	PE \$100,000 CO \$0 TOT \$100,000	PE \$0 CO \$400,000 TOT \$400,000	PE \$0 CO \$0 TOT \$0
HO0201	Belmont Woods Road over Rockburn Branch	Poor	PE \$0 CO \$0 TOT \$0	PE \$100,000 CO \$0 TOT \$100,000	PE \$0 CO \$400,000 TOT \$400,000	PE \$0 CO \$0 TOT \$0
HO0050	Frederick Road over Plumtree Branch	Poor	PE \$0 CO \$0 TOT \$0	PE \$30,000 CO \$0 TOT \$30,000	PE \$0 CO \$300,000 TOT \$300,000	PE \$0 CO \$0 TOT \$0
HO0147	Columbia Road over Plumtree Branch	Poor	PE \$0 CO \$0 TOT \$0	PE \$30,000 CO \$0 TOT \$30,000	PE \$0 CO \$200,000 TOT \$200,000	PE \$0 CO \$0 TOT \$0
HO0269	Quarter Staff Road over Tributary to Little Patuxent River	Poor	PE \$0 CO \$0 TOT \$0	PE \$30,000 CO \$0 TOT \$30,000	PE \$0 CO \$200,000 TOT \$200,000	PE \$0 CO \$0 TOT \$0
HO0270	Broken Land Parkway over Tributary to Little Patuxent River	Poor	PE \$0 CO \$0 TOT \$0	PE \$30,000 CO \$0 TOT \$30,000	PE \$0 CO \$300,000 TOT \$300,000	PE \$0 CO \$0 TOT \$0
HO0278	Wesley Lane over Branch of Deep Run	Poor	PE \$0 CO \$0 TOT \$0	PE \$30,000 CO \$0 TOT \$30,000	PE \$0 CO \$250,000 TOT \$250,000	PE \$0 CO \$0 TOT \$0
			\$150,000	\$1,550,000	\$3,350,000	\$2,300,000
			Overall Total \$7,350,000			



Howard County Office of Transportation

3430 Court House Drive ■ Ellicott City, Maryland 21043 ■ 410-313-0702

Bruce Gartner, Administrator

bgartner@howardcountymd.gov

FAX 410-313-1655

TDD 410-313-2323

January 5, 2023

Mr. Todd R. Lang, Director
Transportation Planning
Baltimore Metropolitan Council
1500 Whetstone Way, Suite 300
Baltimore, MD 21230

Attn: Keith Kucharek

Re: Amendment Request to Bridge Repairs and Deck Replacement Project

TIP- FY 2023-2026
TIP ID: 16-0436-13

Agency: Howard County, Maryland

Dear Mr. Lang,

Howard County is requesting an amendment to the FY 2023-2026 TIP for the Bridge Repairs and Deck Replacement Project. The TIP ID No. for this project is 16-0436-13. The amendment updates the project scope to add ten "poor" rated bridges to ensure eligibility for Federal Aid for design and construction. The FY 2023-2026 TIP must include these bridges for receiving federal fund approval.

Additional details follow:

- No additional vehicle lanes will be added as part of these projects.
- Howard County is requesting federal money (80%) for design and construction
- Design and construction costs will be matched 20% by Howard County

The changes enabled by this amendment increase the project costs by:

- Adding \$40,000 in federal funds to engineering in FY 2023
- Adding \$10,000 in matching funds to engineering in FY 2023
- Adding \$80,000 in federal funds to construction in FY 2023
- Adding \$20,000 in matching funds to construction in FY 2023
- Adding \$960,000 in federal funds to engineering in FY 2024
- Adding \$240,000 in matching funds to engineering in FY 2024
- Adding \$280,000 in federal funds to construction in FY 2024
- Adding \$70,000 in matching funds to construction in FY 2024
- Adding \$640,000 in federal funds to engineering in FY 2025
- Adding \$160,000 in matching funds to engineering in FY 2025
- Adding \$2,040,000 in federal funds to construction in FY 2025
- Adding \$510,000 in matching funds to construction in FY 2025
- Adding \$80,000 in federal funds to engineering in FY 2026
- Adding \$20,000 in matching funds to engineering in FY 2026
- Adding \$1,760,000 in federal funds to construction in FY 2026
- Adding \$440,000 in matching funds to construction in FY 2026

These changes result in increasing the project cost by \$7,350,000 for a total cost of \$25,361,000. The Howard County CIP reflects these changes and Howard County's TIP projects continue to be fiscally constrained. The revised TIP form and additional information for this project is attached.

If you have any questions or need additional information, please feel free to contact me at 410-313-3842 or dcookson@howardcountymd.gov

Sincerely,

David Cookson
Howard County Office of Transportation

Cc: Abdul Akbari, Division Chief, Transportation & Special Projects, Howard County Department of Public Works
Bruce Gartner, Administrator, Howard County Office of Transportation
Prasoon Shrestha, Project Manager, Howard County Department of Public Works
Regina Aris, Assistant Director of Transportation Planning, Baltimore Metropolitan Council



Bridge Repair and Deck Replacement

TIP ID	16-0436-13	Year of Operation	Ongoing
Agency	Howard County	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	Varies
Conformity Status	Exempt	Physical Data	Varies
CIP or CTP ID(s)	Various projects	Est. Total Cost	\$18,011,000 25,361,000

Description:

This project is to repair/replace bridge decks with a mix of county match and federal funding. The project also includes emergency structure reconstruction. The following bridges are included: River Rd. over Rockburn Branch; Henryton Rd. over tributary to the Patapsco River; Pindell School Rd. over Hammond Branch; Daisy Rd. over Little Cattail Creek; Pfefferkorn Rd. over Middle Patuxent River; Carroll Mill Rd. over Benson Branch; Sheppard Lane over Middle Patuxent River; Watersville Rd. over Hay Meadow Branch; Henryton Rd. over tributary to Patapsco River; Old Montgomery Rd. over Lake Elkhorn Branch; Tamar Drive over Little Patuxent River; Snowden River Pkwy over Robert Fulton Dr (SB & NB); Guilford Rd. over Middle Patuxent River; Park Circle Drive over Deep Run; Broken Land Pkwy over Little Patuxent River. Cost increased \$3.5 million as a result of refined engineers estimates.

Justification:

This project will alleviate bridge deterioration and improve the safety and longevity of all bridges included in the bridge repair and rehabilitation program.

Amendment:

This amendment adds additional bridges and funds totaling \$50,000 for engineering and \$100,000 for construction in FY 2023; \$1,200,000 for engineering and \$350,000 for construction in FY 2024; \$800,000 for engineering and \$2,550,000 for construction in FY 2025; \$100,000 for engineering and \$2,200,000 for construction in FY 2026; and \$2,800,000 for construction in FY 2027.

1. Browns Bridge Road over Patuxent River (HO0021)	2. Seneca Road over Beaver Run Branch (HO0060)
3. Dunloggin Road over Plumtree Branch (HO0080)	4. Tiber Alley over Tiber River (HO0107)
5. Belmont Woods Road over Rockburn Branch (HO0201)	6. Frederick Road over Plumtree Branch (HO0050)
7. Columbia Road over Plumtree Branch (HO0147)	8. Quarter Staff Rd over Trib. to Little Patuxent River (HO0269)
9. Broken Land Parkway over Trib. to Little Patuxent River (HO0270)	10. Wesley Lane over Branch of Deep Run (HO0278)



Howard County

2023 - 2026 Transportation Improvement Program

Highway Preservation

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).



Bridge Repair and Deck Replacement

(Funding in Thousands)

Other

Phase	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$4,953 4,973	\$0	\$493 563	\$0	\$0 510	\$0	\$0 440	\$5,446 6,486
OTH	\$0	\$79	\$0	\$0	\$0	\$0	\$0	\$0	\$79
ENG	\$0	\$2,863 2,873	\$0	\$128 368	\$0	\$0 160	\$0	\$0 20	\$2,991 3,421
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$310	\$0	\$0	\$0	\$0	\$0	\$0	\$310
Subtotal	\$0	\$8,205 8,235	\$0	\$624 931	\$0	\$0 670	\$0	\$0 460	\$8,826 10,296

Surface Transportation Block Grant Program

Phase	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	Total Four-Year Funding Request
CON	\$7,216 7,296	\$0	\$1,969 2,249	\$0	\$0 2,040	\$0	\$0 1,760	\$0	\$9,185 13,345
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0 40	\$0	\$0 960	\$0	\$0 640	\$0	\$0 80	\$0	\$0 1,720
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$7,216 7,336	\$0	\$1,969 3,209	\$0	\$0 2,680	\$0	\$0 1,840	\$0	\$9,185 15,065
Total	\$7,216 7,336	\$8,205 8,235	\$1,969 3,209	\$624 931	\$0 2,680	\$0 670	\$0 1,840	\$0 460	\$18,011 25,361