

BALTIMORE METROPOLITAN PLANNING ORGANIZATION

**BALTIMORE REGIONAL TRANSPORTATION BOARD
RESOLUTION #22-8**

**AMENDMENT TO THE 2022 – 2025 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 2022-2025 Transportation Improvement Program for the Baltimore region at its July 27, 2021 meeting, with federal approval on October 4, 2021; 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 and Carroll County have requested approval of amendments to the 2022-2025 Transportation Improvement Program through the approved Transportation Improvement Program amendment process; and

WHEREAS, Howard County is requesting to add a project to replace the Union Chapel Road Bridge over Cattail Creek. The 2022-2025 TIP must include this project in order to prepare and finalize NEPA documents for approval (see Attachment 1); and

WHEREAS, Carroll County is requesting to add two bridge projects, one will replace the Patapsco Road Bridge over the East Branch Patapsco River and the second will replace the Upper Beckleysville Road Bridge over Murphy Run to the 2022-2025 TIP. Both bridges are in poor condition and must be replaced to maintain safety (see Attachments 2 and 3); 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 TIP in the Fixing America’s Surface Transportation Act are met; and

WHEREAS, these projects are 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 December 7, 2021.*

NOW, THEREFORE, BE IT RESOLVED that the Baltimore Regional Transportation Board, as the Metropolitan Planning Organization for the Baltimore region, approves the attached amendments to the 2022-2025 Transportation Improvement Program for the Baltimore region and finds the TIP continues 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 December 28, 2021.

December 21, 2021
Date



Ramond Robinson, Chair
Baltimore Regional Transportation Board

Replacement of Bridge No. HO-040 on Union Chapel Road over Cattail Creek

TIP ID	16-2201-13	Year of Operation	2024
Agency	Howard 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	\$2,900,000

Description:

This project includes the replacement of bridge number HO-040 on Union Chapel Road over Cattail Creek. Bridge width, sidewalks and shoulders will be evaluated during engineering.

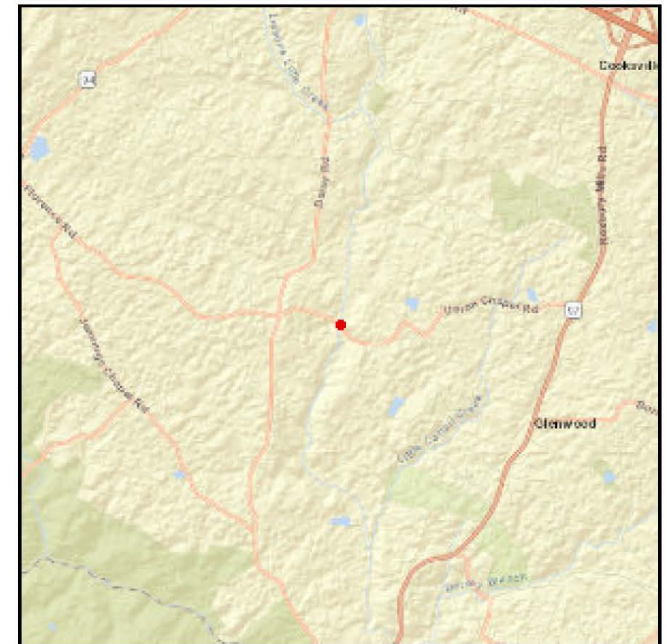
Justification:

Replacement is necessary due to the bridge's multiple deficiencies that include substandard deck and superstructure. The bridge is currently rated in poor condition.

Amendment: This amendment adds a new project to the FY 2022-2025 TIP. Inclusion of this project is necessary to allow MDOT SHA to prepare and finalize NEPA documents for approval. Funding for this project includes \$900,000 for engineering (\$720,000 federal/\$180,000 match) in FY 2022 and FY 2023 and \$2,000,000 for construction (\$1,600,000 federal/\$400,000 match) in FY 2024. The total estimated cost of the project is \$2.90 million.

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).





Replacement of Bridge No. HO-040 on Union Chapel Road over Cattail Creek

(Funding in Thousands)

Surface Transportation Block Grant Program **-NEW**

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	\$1,600	\$400	\$0	\$0	\$2,000
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$320	\$80	\$400	\$100	\$0	\$0	\$0	\$0	\$900
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$320	\$80	\$400	\$100	\$1,600	\$400	\$0	\$0	\$2,900
Total	\$320	\$80	\$400	\$100	\$1,600	\$400	\$0	\$0	\$2,900

Patapsco Road Bridge over East Branch Patapsco River

TIP ID	14-2201-13	Year of Operation	2024
Agency	Carroll 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	\$1,869,000

Description:

This project includes replacement of the existing 1-span bridge with a new structure, including abutments. The new structure will consist of two 11' travel lanes, which is slightly wider than the existing structure. The replacement structure type, geometry, and lane use configuration will be determined during initial design.

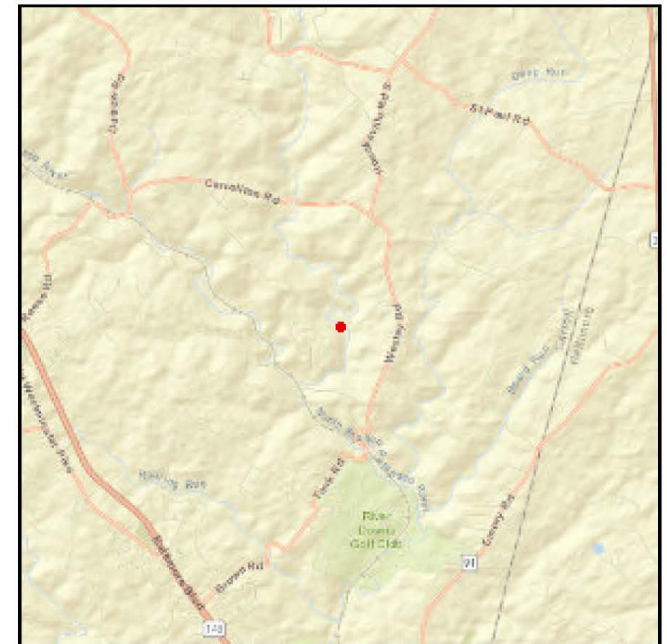
Justification:

The existing bridge is rated in poor condition. 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.

Amendment: This amendment adds a new project to the FY 2022-2025 TIP. Inclusion of this project is necessary to obtain federal funding which will be used to replace the existing deteriorating structure. Funding for this project includes \$603,000 for engineering (\$482,000 federal/\$121,000 match) in FY 2023 and \$1,266,000 for construction (\$1,013,000 federal/\$253,000 match) in FY 2024. The total estimated cost of the project is \$1.869 million.

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).





Patapsco Road Bridge over East Branch Patapsco River

(Funding in Thousands)

Surface Transportation Block Grant Program -NEW

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	\$1,013	\$253	\$0	\$0	\$1,266
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$482	\$121	\$0	\$0	\$0	\$0	\$603
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$0	\$0	\$482	\$121	\$1,013	\$253	\$0	\$0	\$1,869
Total	\$0	\$0	\$482	\$121	\$1,013	\$253	\$0	\$0	\$1,869

Upper Beckleysville Road Bridge over Murphy Run

TIP ID	14-2202-13	Year of Operation	2024
Agency	Carroll 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	\$1,485,000

Description:

This project includes replacement of the existing 1-span bridge with a new structure, including abutments. The new structure will consist of two 11' travel lanes to match the existing approach roadway. The replacement structure type, geometry, and lane use configuration will be determined during initial design.

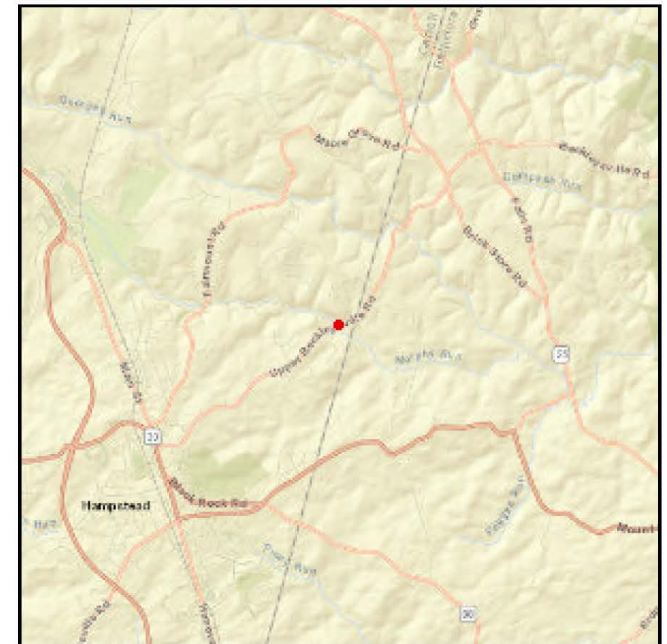
Justification:

The existing bridge is rated in poor condition. 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.

Amendment: This amendment adds a new project to the FY 2022-2025 TIP. Inclusion of this project is necessary to obtain federal funding which will be used to replace the existing deteriorating structure. Funding for this project includes \$580,000 for engineering (\$464,000 federal/\$116,000 match) in FY 2023 and \$905,000 for construction (\$724,000 federal/\$181,000 match) in FY 2024. The total estimated cost of the project is \$1.485 million.

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).





Upper Beckleysville Road Bridge over Murphy Run

(Funding in Thousands)

Surface Transportation Block Grant Program -NEW

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	\$724	\$181	\$0	\$0	\$905
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$464	\$116	\$0	\$0	\$0	\$0	\$580
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$0	\$0	\$464	\$116	\$724	\$181	\$0	\$0	\$1,485
Total	\$0	\$0	\$464	\$116	\$724	\$181	\$0	\$0	\$1,485