

Highway Capacity

Hanover Road Corridor Improvement

TIP ID	11-1801-42	Year of Operation	TBD
Agency	Anne Arundel County	Project Type	New or extended roadways
Project Category	Highway Capacity	Functional Class	Other Principal Arterial
Conformity Status	Exempt	Physical Data	0.7 miles
CIP or CTP ID(s)	H566700 (CIP) & AA372-11 (CTP)	Est. Total Cost	\$25,700,000

Description:

This project is to provide design and right-of-way acquisition of a section of Hanover Road on a new alignment between Ridge Road and New Ridge Road in Hanover. Project limits increased to accommodate vertical alignment adjustments which accounts for the cost increase from \$12.2 million to \$25.7 million.

Engineering funds were programmed in FY 2017. The estimated total cost includes estimated funding to complete design and right-of-way acquisition of this project. No schedule or funding for construction has been determined.

Justification:

This project is a breakout project from the MD 295 Project Planning Study that has a signed Finding of No Significant Impacts (FONSI).

Connection to Long-Range Transportation Planning Goals:

4. Increase Mobility

7.E Promote Prosperity and Economic Opportunity -- Improve access to existing communities and regional generators of economic activity.





Other

2023 - 2026 Transportation Improvement Program

Highway Capacity

Hanover Road Corridor Improvement

(Funding in Thousands)

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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ОТН	\$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	\$11,600	\$0	\$0	\$0	\$0	\$0	\$0	\$11,600
Subtotal	\$0	\$11,600	\$0	\$0	\$0	\$0	\$0	\$0	\$11,600
Total	\$0	\$11,600	\$0	\$0	\$0	\$0	\$0	\$0	\$11,600



Highway Preservation

Furnace Avenue Bridge over Deep Run

TIP ID	11-1103-13	Year of Operation	2026
Agency	Anne Arundel 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)	H535200 (CIP)	Est. Total Cost	\$5,280,000

Description:

This project will reconstruct the existing bridge to correct existing deficiencies, a substandard approach road and bridge deck geometry. Five foot shoulders are planned on both sides of the road. No sidewalks will be included as part of this project.

FY 2023 engineering funds will complete preliminary design through NEPA and FY 2024 engineering funds will complete final design.

Justification:

The bridge is functionally obsolete and load restricted. The bridge is rated in fair condition.

Connection to Long-Range Transportation Planning Goals:





Highway Preservation

Furnace Avenue Bridge over Deep Run

(Funding in Thousands)

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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ОТН	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$505	\$126	\$480	\$120	\$0	\$0	\$0	\$0	\$1,231
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$191	\$0	\$0	\$0	\$0	\$191
Subtotal	\$505	\$126	\$480	\$311	\$0	\$0	\$0	\$0	\$1,422
Total	\$505	\$126	\$480	\$311	\$0	\$0	\$0	\$0	\$1,422



Highway Preservation

Harwood Road Bridge over Stocketts Run

TIP ID	11-1208-13	Year of Operation	2023
Agency	Anne Arundel 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)	H535100	Est. Total Cost	\$4,275,000

Description:

This project will replace the existing bridge over Stocketts Run. Three foot shoulders are planned on both sides of the road.

Engineering funds were included in the FY 2014-2017 TIP. FY 2023 funds are to complete construction.

Justification:

This project will correct existing bridge deficiencies, geometry, and substandard approach. The bridge is functionally obsolete, load restricted, and is rated in poor condition.

Connection to Long-Range Transportation Planning Goals:





Highway Preservation

Harwood Road Bridge over Stocketts Run

(Funding in Thousands)

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	\$2,000	\$883	\$0	\$0	\$0	\$0	\$0	\$0	\$2,883
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$200	\$50	\$0	\$0	\$0	\$0	\$0	\$0	\$250
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$2,200	\$933	\$0	\$0	\$0	\$0	\$0	\$0	\$3,133
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Total	\$2,200	\$933	\$0	\$0	\$0	\$0	\$0	\$0	\$3,133



Highway Preservation

Magothy Bridge Road Bridge over Magothy River

TIP ID	11-1402-13	Year of Operation	2024
Agency	Anne Arundel 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)	H534900 (CIP)	Est. Total Cost	\$6,107,000

Description:

This project will replace the bridge deck and add shoulders to the bridge over the Magothy River. Five foot sidewalks and seven foot shoulders are planned on both sides of the road. The estimated total cost has increased from \$5.117 million to \$6.107 million due to construction cost escalation and permitting requirements.

Engineering funds were first included in a previous TIP. FY 2023 funds are to complete the construction phase.

Justification:

This bridge is functionally obsolete and load restricted. It is currently rated in fair condition.

Connection to Long-Range Transportation Planning Goals:





Highway Preservation

Magothy Bridge Road Bridge over Magothy River

(Funding in Thousands)

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	\$3,370	\$1,773	\$0	\$0	\$0	\$0	\$0	\$0	\$5,143
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$100	\$25	\$0	\$0	\$0	\$0	\$0	\$0	\$125
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$3,470	\$1,798	\$0	\$0	\$0	\$0	\$0	\$0	\$5,268
Total	\$3,470	\$1,798	\$0	\$0	\$0	\$0	\$0	\$0	\$5,268



Highway Preservation

O'Connor Road Bridge over Deep Run

TIP ID	11-1403-13	Year of Operation	2026
Agency	Anne Arundel 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)	H561000 (CIP)	Est. Total Cost	\$8,143,000

Description:

This project will replace the bridge over Deep Run at O'Connor Road. Three foot shoulders are planned on both sides of the road. The estimated total cost has increased from \$6.666 to \$8.143 million due to increases in preliminary engineering costs and refined construction cost estimates.

Engineering funds were first included in the FY 2014-2017 TIP. FY 2023 engineering funds are to complete the final design after NEPA approval.

Justification:

The existing bridge is structurally deficient and is rated in poor condition.

Connection to Long-Range Transportation Planning Goals:





Highway Preservation

O'Connor Road Bridge over Deep Run

(Funding in Thousands)

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	\$0	\$5,087	\$1,589	\$0	\$0	\$0	\$0	\$6,676
ОТН	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$800	\$200	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$260	\$0	\$0	\$0	\$0	\$0	\$0	\$260
Subtotal	\$800	\$460	\$5,087	\$1,589	\$0	\$0	\$0	\$0	\$7,936
Total	\$800	\$460	\$5,087	\$1,589	\$0	\$0	\$0	\$0	\$7,936



Highway Preservation

McKendree Road Culvert over Lyons Creek

TIP ID	11-1601-19	Year of Operation	2024
Agency	Anne Arundel County	Project Type	Other
Project Category	Highway Preservation	Functional Class	Minor Collector
Conformity Status	Exempt	Physical Data	2 to 2 lanes
CIP or CTP ID(s)	H566800	Est. Total Cost	\$2,722,000

Description:

This project is to remove and replace the culvert on McKendree Road over Lyons Creek to correct the structurally deficient condition of the existing multicell culvert. Three foot shoulders are planned on both sides of the road.

Engineering funds were first included in FY 2017. FY 2023 funds are to complete final design. Costs increased from \$1.829 M to \$2.722 M due to revised construction estimates and preliminary engineering.

Justification:

The existing culvert is structurally deficient and is rated in poor condition.

Connection to Long-Range Transportation Planning Goals:





Highway Preservation

McKendree Road Culvert over Lyons Creek

(Funding in Thousands)

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	\$0	\$812	\$741	\$0	\$0	\$0	\$0	\$1,553
ОТН	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$200	\$50	\$0	\$0	\$0	\$0	\$0	\$0	\$250
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$22	\$0	\$0	\$0	\$0	\$0	\$0	\$22
Subtotal	\$200	\$72	\$812	\$741	\$0	\$0	\$0	\$0	\$1,825
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Total	\$200	\$72	\$812	\$741	\$0	\$0	\$0	\$0	\$1,825



Highway Preservation

Polling House Road Bridge over Rock Branch

TIP ID	11-1602-13	Year of Operation	2026
Agency	Anne Arundel 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)	H561100 (CIP)	Est. Total Cost	\$2,875,000

Description:

This project will replace the existing bridge along Polling House Road over Rock Branch to correct the deteriorated structure and obsolete deck geometry. Three foot shoulders are planned on both sides of the road. The estimated total cost has increased from \$2.56 million to \$2.875 million as a result of preliminary engineering increases.

Engineering funds through NEPA approval were included in FY 2023.

Justification:

This project will correct the deteriorated structure and obsolete deck geometry of the existing bridge. The bridge is rated in fair condition.

Connection to Long-Range Transportation Planning Goals:





Highway Preservation

Polling House Road Bridge over Rock Branch

(Funding in Thousands)

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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$760	\$190	\$300	\$75	\$0	\$0	\$0	\$0	\$1,325
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$50	\$0	\$0	\$0	\$0	\$50
Subtotal	\$760	\$190	\$300	\$125	\$0	\$0	\$0	\$0	\$1,375
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Total	\$760	\$190	\$300	\$125	\$0	\$0	\$0	\$0	\$1,375



Highway Preservation

Hanover Road Bridge over Deep Run

TIP ID	11-2105-13	Year of Operation	2026
Agency	Anne Arundel 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)	H580800 (CIP)	Est. Total Cost	\$6,945,000

Description:

This project will replace the existing bridge along Hanover Road over Deep Run due to its deteriorating condition. The width and inclusion of shoulders and sidewalks will be evaluated during engineering. Cost is projected to decrease from \$8.628 M to \$6.945 M due to refined construction estimate.

Justification:

This project will correct the deteriorated structure of the existing bridge. The bridge is rated in fair condition.

Connection to Long-Range Transportation Planning Goals:





Highway Preservation

Hanover Road Bridge over Deep Run

(Funding in Thousands)

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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ОТН	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$565	\$142	\$496	\$124	\$0	\$0	\$0	\$0	\$1,327
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$41	\$0	\$0	\$0	\$0	\$41
Subtotal	\$565	\$142	\$496	\$165	\$0	\$0	\$0	\$0	\$1,368
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Total	\$565	\$142	\$496	\$165	\$0	\$0	\$0	\$0	\$1,368



Highway Preservation

Conway Road Bridge over Little Patuxent River

TIP ID	11-2106-13	Year of Operation	2027
Agency	Anne Arundel County	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	Major Collector
Conformity Status	Exempt	Physical Data	2 to 2 lanes
CIP or CTP ID(s)	H580900 (CIP)	Est. Total Cost	\$23,005,000

Description:

This project will replace the existing bridge along Conway Road over the Little Patuxent River due to its deteriorating condition. The width and inclusion of shoulders and sidewalks will be evaluated during engineering.

Justification:

This project will correct the deteriorated structure of the existing bridge. The existing bridge is rated in fair condition.

Connection to Long-Range Transportation Planning Goals:





Highway Preservation

Conway Road Bridge over Little Patuxent River

(Funding in Thousands)

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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ОТН	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$1,500	\$375	\$0	\$0	\$0	\$0	\$0	\$0	\$1,875
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$1,500	\$375	\$0	\$0	\$0	\$0	\$0	\$0	\$1,875
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Total	\$1,500	\$375	\$0	\$0	\$0	\$0	\$0	\$0	\$1,875



Highway Preservation

Jacobs Road Bridge over Severn Run

TIP ID	11-2107-13	Year of Operation	2027
Agency	Anne Arundel 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)	H581000 (CIP)	Est. Total Cost	\$10,624,000

Description:

This project will replace the existing bridge along Jacobs Road over Severn Run due to its deteriorating condition. The width and inclusion of shoulders and sidewalks will be evaluated during engineering.



This project will correct the deteriorated structure of the existing bridge. The existing bridge is rated in fair condition.

Connection to Long-Range Transportation Planning Goals:





Highway Preservation

Jacobs Road Bridge over Severn Run

(Funding in Thousands)

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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ОТН	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$728	\$182	\$0	\$0	\$0	\$0	\$0	\$0	\$910
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$41	\$0	\$0	\$0	\$0	\$41
Subtotal	\$728	\$182	\$0	\$41	\$0	\$0	\$0	\$0	\$951
Total	\$728	\$182	\$0	\$41	\$0	\$0	\$0	\$0	\$951



Transit Preservation

Parole Transportation Center

TIP ID	11-2101-66	Year of Operation	2025
Agency	Anne Arundel County	Project Type	New bus facilities
Project Category	Transit Preservation	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP or CTP ID(s)	H581200 (CIP)	Est. Total Cost	\$15,574,000

Description:

This project will provide a multi-modal transportation center in Parole at the Westfield Annapolis Mall. The facility will serve existing local and regional bus service, but will also be designed as an intermodal hub with possible future connectivity to modes such as bikeshare, carshare, and ridehailing services.

Cost increase from \$14.175 million to \$15.574 million is a result of increased prevailing wage rates and construction escalation.

Justification:

This facility is necessary to handle transfers between local and regional bus service and to allow more docking area to serve both. It will also provide additional amenities for waiting passengers. The project is recommended in the Anne Arundel County General Development Plan with specific recommendations from the recently completed UPWP feasibility study.

Connection to Long-Range Transportation Planning Goals:

2.E Improve and Maintain the Existing Infrastructure -- Improve the condition of transit infrastructure and stations/stops.

3.G Improve Accessibility -- Improve system connectivity and continuity among modes and across boundaries.

5.A Conserve and Enhance the Environment -- Provide alternatives to single-occupant passenger





Transit Preservation

Parole Transportation Center

(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	\$411	\$0	\$11,604	\$0	\$0	\$0	\$0	\$12,015
OTH	\$0	\$100	\$0	\$0	\$0	\$0	\$0	\$0	\$100
ENG	\$0	\$872	\$0	\$0	\$0	\$0	\$0	\$0	\$872
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$2,500	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500
Subtotal	\$0	\$3,883	\$0	\$11,604	\$0	\$0	\$0	\$0	\$15,487



Transit Preservation

Parole Transportation Center

(Funding in Thousands)

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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ОТН	\$0	\$0	\$0	\$600	\$0	\$0	\$0	\$0	\$600
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	\$0	\$0	\$0	\$600	\$0	\$0	\$0	\$0	\$600
Total	\$0	\$3,883	\$0	\$12,204	\$0	\$0	\$0	\$0	\$16,087