

State Safety Oversight

TIP ID	90-1401-39	Year of Operation	Ongoing
Agency	Office of the Secretary	Project Type	Other
Project Category	Environmental/Safety	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP or CTP ID(s)	A-9	Est. Total Cost	\$2,400,000

Description:

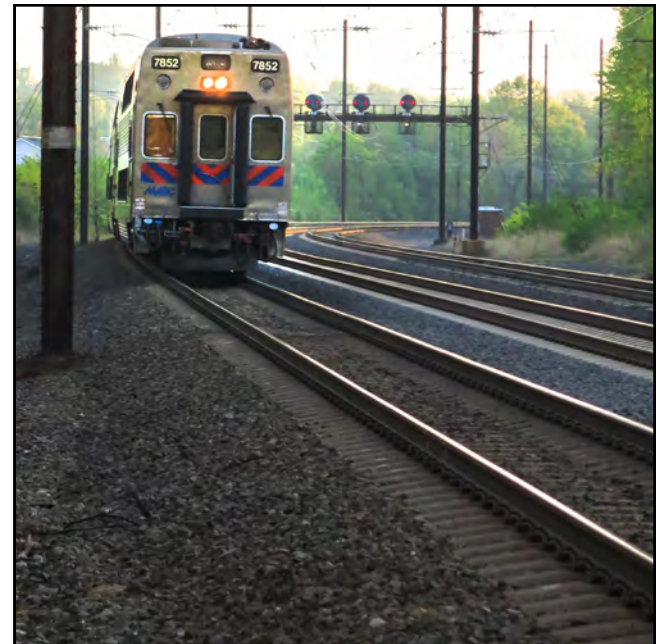
The Maryland Department of Transportation (MDOT) intends to use these Section 5329 Funds to provide administrative expenses for training, consultant services and miscellaneous equipment to oversee MTA’s Light Rail and Metro systems and its operations in the Baltimore, Maryland metropolitan area.

Justification:

To make transit safer through policy development, hazard investigation, data collection, risk analysis, effective oversight programs and information sharing.

Connection to Long-Range Transportation Planning Goals:

- 1.B Improve System Safety -- Apply safety-related management and operations techniques.
- 1.D Improve System Safety -- Improve emergency response time.
- 9. Promote Informed Decision Making





State Safety Oversight

(Funding in Thousands)

Section 5329 (State Safety Oversight)

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTH	\$400	\$200	\$400	\$200	\$400	\$200	\$400	\$200	\$2,400
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	\$400	\$200	\$400	\$200	\$400	\$200	\$400	\$200	\$2,400
Total	\$400	\$200	\$400	\$200	\$400	\$200	\$400	\$200	\$2,400

Areawide Transportation Alternatives Projects

TIP ID	60-9903-29	Year of Operation	Ongoing
Agency	SHA - Regional	Project Type	Other
Project Category	Enhancement Program	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP or CTP ID(s)	N/A	Est. Total Cost	\$32,600,000

Description:

This is an ongoing program to expand travel choices and enhance the transportation experience by improving the cultural, historic, and environmental aspects of the Baltimore region's transportation infrastructure. These improvements may include but are not limited to bicycle and pedestrian facilities; rehabilitation of historic transportation facilities such as railroads and canals; conversion and use of abandoned railroad corridors; archaeological activities related to transportation impacts; and mitigation of water pollution caused by highway runoff. This program also includes Safe Routes to School program projects and Recreational Trails program projects.

Justification:

Transportation enhancements are projects which add community and environmental value to the transportation system.

Connection to Long-Range Transportation Planning Goals:

- 1.E Improve System Safety -- Improve safety conditions for pedestrians and bicyclists.
- 2.F Improve and Maintain the Existing Infrastructure -- Improve the condition of pedestrian and bicycle facilities.
- 3.A Improve Accessibility -- Increase transportation alternatives for all segments of the population.
- 5.E Conserve and Enhance the Environment -- Preserve and protect natural and cultural resources.





Areawide Transportation Alternatives Projects

(Funding in Thousands)

Transportation Alternatives (Transportation Enhancement, Safe Routes to School)

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$6,400	\$1,600	\$6,400	\$1,600	\$4,800	\$1,200	\$4,800	\$1,200	\$28,000
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$640	\$160	\$640	\$160	\$640	\$160	\$640	\$160	\$3,200
PL	\$240	\$60	\$240	\$60	\$240	\$60	\$240	\$60	\$1,200
ROW	\$40	\$10	\$40	\$10	\$40	\$10	\$40	\$10	\$200
Subtotal	\$7,320	\$1,830	\$7,320	\$1,830	\$5,720	\$1,430	\$5,720	\$1,430	\$32,600
Total	\$7,320	\$1,830	\$7,320	\$1,830	\$5,720	\$1,430	\$5,720	\$1,430	\$32,600

Areawide Environmental Projects

TIP ID	60-9506-38	Year of Operation	Ongoing
Agency	SHA - Regional	Project Type	Environmental other
Project Category	Environmental/Safety	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP or CTP ID(s)	A-20	Est. Total Cost	\$98,600,000

Description:

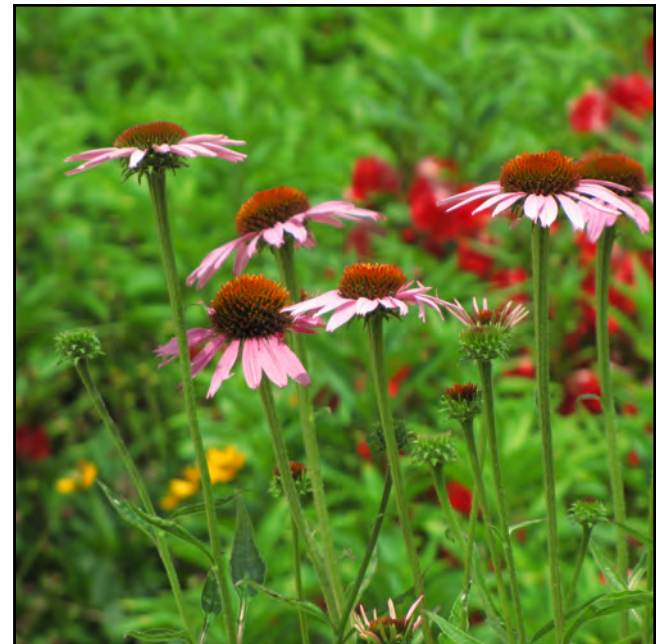
This is an ongoing program to provide environmental and aesthetic improvements on MDOT SHA's highway network. These non-capacity improvements may include but are not limited to noise abatement, wetland management and rehabilitation, reforestation, landscaping, scenic beautification, and bicycle and pedestrian facilities.

Justification:

Will restore important wetlands, enhance the surrounding environment and community, and reduce noise impacts.

Connection to Long-Range Transportation Planning Goals:

- 2.F Improve and Maintain the Existing Infrastructure -- Improve the condition of pedestrian and bicycle facilities.
- 5.B Conserve and Enhance the Environment -- Reduce surface runoff.
- 5.E Conserve and Enhance the Environment -- Preserve and protect natural and cultural resources.





Areawide Environmental Projects

(Funding in Thousands)

Highway Safety Improvement Program

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$400	\$100	\$400	\$100	\$400	\$100	\$400	\$100	\$2,000
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$80	\$20	\$80	\$20	\$80	\$20	\$80	\$20	\$400
PL	\$40	\$10	\$40	\$10	\$40	\$10	\$40	\$10	\$200
ROW	\$40	\$10	\$40	\$10	\$40	\$10	\$40	\$10	\$200
Subtotal	\$560	\$140	\$560	\$140	\$560	\$140	\$560	\$140	\$2,800



Areawide Environmental Projects

(Funding in Thousands)

National Highway Performance Program (National Highway System, Interstate Maintenance, Bridge (on-System))

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$1,600	\$400	\$1,600	\$400	\$800	\$200	\$800	\$200	\$6,000
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$2,400	\$800	\$2,400	\$800	\$320	\$80	\$320	\$80	\$7,200
PL	\$40	\$10	\$40	\$10	\$40	\$10	\$40	\$10	\$200
ROW	\$40	\$10	\$40	\$10	\$40	\$10	\$40	\$10	\$200
Subtotal	\$4,080	\$1,220	\$4,080	\$1,220	\$1,200	\$300	\$1,200	\$300	\$13,600

Surface Transportation Block Grant Program

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$19,200	\$4,800	\$19,200	\$4,800	\$12,000	\$3,000	\$12,000	\$3,000	\$78,000
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$1,200	\$300	\$1,200	\$300	\$160	\$40	\$160	\$40	\$3,400
PL	\$80	\$20	\$80	\$20	\$80	\$20	\$80	\$20	\$400
ROW	\$80	\$20	\$80	\$20	\$80	\$20	\$80	\$20	\$400
Subtotal	\$20,560	\$5,140	\$20,560	\$5,140	\$12,320	\$3,080	\$12,320	\$3,080	\$82,200
Total	\$25,200	\$6,500	\$25,200	\$6,500	\$14,080	\$3,520	\$14,080	\$3,520	\$98,600

Areawide Congestion Management

TIP ID	60-9504-04	Year of Operation	Ongoing
Agency	SHA - Regional	Project Type	Traffic engineering
Project Category	Emission Reduction Strategy	Functional Class	Varies
Conformity Status	Exempt	Physical Data	NA
CIP or CTP ID(s)	A-21	Est. Total Cost	\$113,000,000

Description:

This is an ongoing program to provide traffic control, management, and monitoring on State highways. These improvements may include but are not limited to the employment of variable message signs, video for traffic management (CCTV), traffic management detectors, signal systemization and remote timing, permanent congestion monitoring systems employed by the CHART program, deployment of local jurisdiction intelligent transportation system (ITS) projects, and the development of park-and-ride facilities.

Justification:

These projects together provide an important air quality component of reducing emissions from motor vehicles in the Baltimore region. Most of these projects will improve safety and traffic flow operations on the existing highway system without major new construction. They will save motorists time by allowing them to avoid traffic congestion. Some of the projects will reduce congestion through the use of ITS technology innovations in communication, advanced traffic management, traveler information, etc.

Connection to Long-Range Transportation Planning Goals:

- 1.B Improve System Safety -- Apply safety-related management and operations techniques.
- 4.D Increase Mobility -- Apply mobility-related management and operations techniques.
- 5.D Conserve and Enhance the Environment -- Reduce greenhouse gas emissions in accordance with state and local sustainability and climate change plans.





Areawide Congestion Management

(Funding in Thousands)

Congestion Mitigation and Air Quality

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$1,200	\$300	\$1,200	\$300	\$1,200	\$300	\$1,200	\$300	\$6,000
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$160	\$40	\$160	\$40	\$160	\$40	\$160	\$40	\$800
PL	\$40	\$10	\$40	\$10	\$40	\$10	\$40	\$10	\$200
ROW	\$40	\$10	\$40	\$10	\$40	\$10	\$40	\$10	\$200
Subtotal	\$1,440	\$360	\$1,440	\$360	\$1,440	\$360	\$1,440	\$360	\$7,200

National Highway Performance Program (National Highway System, Interstate Maintenance, Bridge (on-System))

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$2,400	\$600	\$2,400	\$600	\$1,600	\$400	\$1,600	\$400	\$10,000
OTH	\$2,400	\$600	\$2,400	\$600	\$800	\$200	\$800	\$200	\$8,000
ENG	\$240	\$60	\$240	\$60	\$240	\$60	\$240	\$60	\$1,200
PL	\$800	\$200	\$800	\$200	\$320	\$80	\$320	\$80	\$2,800
ROW	\$40	\$10	\$40	\$10	\$40	\$10	\$40	\$10	\$200
Subtotal	\$5,880	\$1,470	\$5,880	\$1,470	\$3,000	\$750	\$3,000	\$750	\$22,200



Areawide Congestion Management

(Funding in Thousands)

Surface Transportation Block Grant Program

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$4,000	\$1,000	\$4,000	\$1,000	\$4,000	\$1,000	\$4,000	\$1,000	\$20,000
OTH	\$8,000	\$2,000	\$8,000	\$2,000	\$5,600	\$1,400	\$5,600	\$14,000	\$46,600
ENG	\$6,400	\$1,600	\$6,400	\$1,600	\$4,000	\$1,000	\$0	\$1,000	\$22,000
PL	\$900	\$300	\$900	\$300	\$400	\$100	\$400	\$100	\$3,400
ROW	\$40	\$10	\$40	\$10	\$40	\$10	\$40	\$10	\$200
Subtotal	\$19,340	\$4,910	\$19,340	\$4,910	\$14,040	\$3,510	\$10,040	\$16,110	\$92,200
Total	\$26,660	\$6,740	\$26,660	\$6,740	\$18,480	\$4,620	\$14,480	\$17,220	\$121,600

TSMO System 1

TIP ID	60-2301-41	Year of Operation	2029
Agency	SHA - Regional	Project Type	Roadway widening
Project Category	Highway Capacity	Functional Class	Varies
Conformity Status	Exempt	Physical Data	I-70: 11.7 miles, US 40: 10.5 miles, US 29: 3.5 miles
CIP or CTP ID(s)	AZ2321	Est. Total Cost	\$76,687,000

Description:

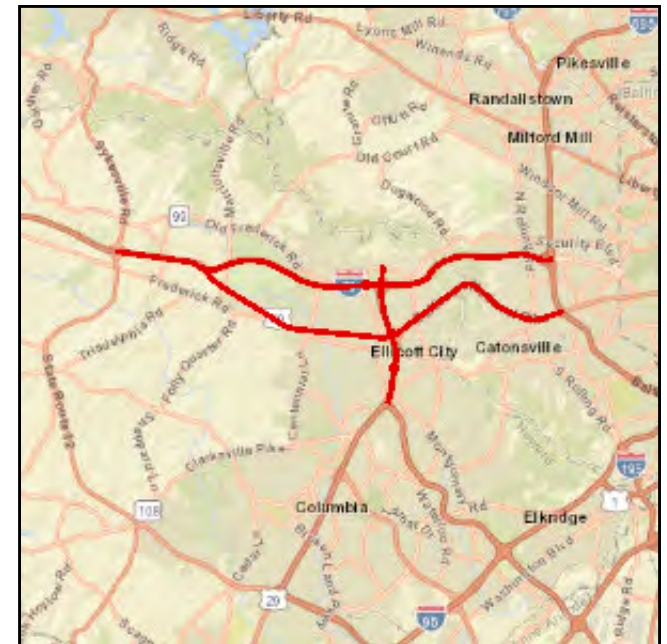
This project is a combination of information technology and geometric improvements within TSMO System 1 including I-70 from I-695 to MD 32, US 29 from I-695 to I-70, and US 40 from MD 99 to MD 100.

Justification:

This project will improve safety and operations along I-70, US 29, and US 40.

Connection to Long-Range Transportation Planning Goals:

- 1.B Improve System Safety -- Apply safety-related management and operations techniques.
- 4. Increase Mobility
- 4.D Increase Mobility -- Apply mobility-related management and operations techniques.





2024 - 2027 Transportation Improvement Program

TSMO System 1

(Funding in Thousands)

National Highway Performance Program (National Highway System, Interstate Maintenance, Bridge (on-System))

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$2,784	\$147	\$8,550	\$450	\$22,174	\$1,853	\$35,958
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$1,210	\$90	\$450	\$50	\$450	\$50	\$450	\$50	\$2,800
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$79	\$9	\$95	\$11	\$194
Subtotal	\$1,210	\$90	\$3,234	\$197	\$9,079	\$509	\$22,719	\$1,914	\$38,952
Total	\$1,210	\$90	\$3,234	\$197	\$9,079	\$509	\$22,719	\$1,914	\$38,952

Areawide Bridge Replacement And Rehabilitation

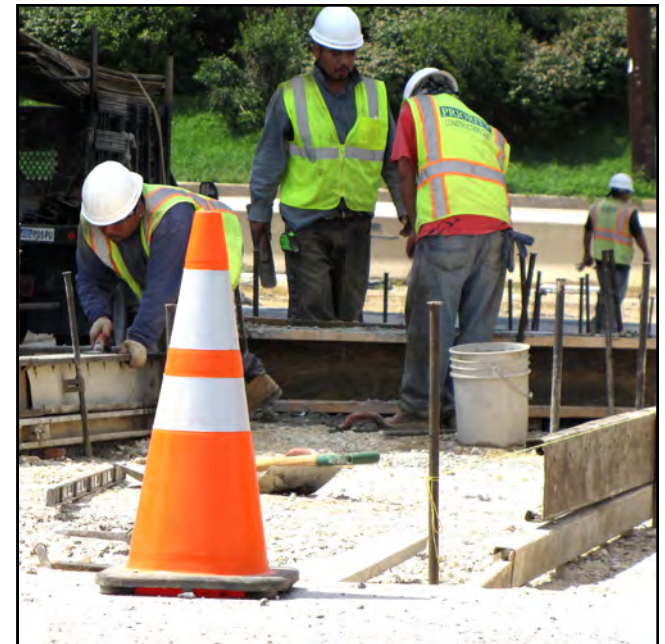
TIP ID	60-9310-13	Year of Operation	Ongoing
Agency	SHA - Regional	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP or CTP ID(s)	A-20	Est. Total Cost	\$269,500,000

Description:

This is an ongoing program to provide major upgrades and maintenance of structures on State highways. These are non-capacity improvements which may include but are not limited to structural replacements, deck rehabilitation, superstructure replacements, parapet reconstruction, cleaning and painting, and general maintenance on various state-owned bridges.

Justification:

Will preserve existing structures, increase safety, and improve highway beautification.

**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).



2024 - 2027 Transportation Improvement Program

Areawide Bridge Replacement And Rehabilitation

(Funding in Thousands)

National Highway Performance Program (National Highway System, Interstate Maintenance, Bridge (on-System))

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$32,000	\$8,000	\$30,000	\$7,000	\$24,000	\$6,000	\$24,000	\$6,000	\$137,000
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$3,400	\$2,200	\$3,400	\$2,200	\$1,600	\$400	\$1,600	\$400	\$15,200
PL	\$320	\$80	\$160	\$40	\$160	\$40	\$160	\$40	\$1,000
ROW	\$320	\$80	\$160	\$40	\$160	\$40	\$160	\$40	\$1,000
Subtotal	\$36,040	\$10,360	\$33,720	\$9,280	\$25,920	\$6,480	\$25,920	\$6,480	\$154,200



2024 - 2027 Transportation Improvement Program

Areawide Bridge Replacement And Rehabilitation

(Funding in Thousands)

Surface Transportation Block Grant Program

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$24,000	\$6,000	\$16,000	\$4,000	\$12,000	\$3,000	\$12,000	\$3,000	\$80,000
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$8,000	\$2,000	\$8,000	\$2,000	\$4,800	\$1,200	\$4,800	\$1,200	\$32,000
PL	\$480	\$120	\$240	\$60	\$240	\$60	\$240	\$60	\$1,500
ROW	\$480	\$120	\$320	\$80	\$320	\$80	\$320	\$80	\$1,800
Subtotal	\$32,960	\$8,240	\$24,560	\$6,140	\$17,360	\$4,340	\$17,360	\$4,340	\$115,300
Total	\$69,000	\$18,600	\$58,280	\$15,420	\$43,280	\$10,820	\$43,280	\$10,820	\$269,500

Areawide Resurfacing And Rehabilitation

TIP ID	60-9501-11	Year of Operation	Ongoing
Agency	SHA - Regional	Project Type	Road resurfacing/rehabilitation
Project Category	Highway Preservation	Functional Class	Varies
Conformity Status	Exempt	Physical Data	NA
CIP or CTP ID(s)	A-20	Est. Total Cost	\$490,700,000

Description:

This is an ongoing program to provide periodic resurfacing and upgrading of auxiliary features on State highways. These are non-capacity improvements which may include but are not limited to milling, patching, sealing, and resurfacing of existing deteriorated state roadways. Other improvements such as ADA or guardrail may be included incidental to other resurfacing and rehabilitation improvements.

Justification:

Will improve safety and the flow of traffic. This project listing represents a large funding request for many small resurfacing projects throughout the Baltimore region. Project selection is based upon need and is subject to change.

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).
- 3.B Improve Accessibility -- Improve ADA-related conditions for pedestrians / transit riders.





2024 - 2027 Transportation Improvement Program

Areawide Resurfacing And Rehabilitation

(Funding in Thousands)

Highway Safety Improvement Program

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$9,000	\$2,000	\$9,000	\$2,000	\$4,000	\$1,000	\$4,000	\$1,000	\$32,000
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$400	\$100	\$400	\$100	\$400	\$100	\$400	\$100	\$2,000
PL	\$40	\$10	\$40	\$10	\$40	\$10	\$40	\$10	\$200
ROW	\$40	\$10	\$40	\$10	\$40	\$10	\$40	\$10	\$200
Subtotal	\$9,480	\$2,120	\$9,480	\$2,120	\$4,480	\$1,120	\$4,480	\$1,120	\$34,400



2024 - 2027 Transportation Improvement Program

Areawide Resurfacing And Rehabilitation

(Funding in Thousands)

National Highway Performance Program (National Highway System, Interstate Maintenance, Bridge (on-System))

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$70,000	\$18,000	\$70,000	\$18,000	\$24,000	\$6,000	\$24,000	\$6,000	\$236,000
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$2,400	\$600	\$2,400	\$600	\$400	\$100	\$400	\$100	\$7,000
PL	\$160	\$40	\$160	\$40	\$160	\$40	\$160	\$40	\$800
ROW	\$160	\$40	\$160	\$40	\$160	\$40	\$160	\$40	\$800
Subtotal	\$72,720	\$18,680	\$72,720	\$18,680	\$24,720	\$6,180	\$24,720	\$6,180	\$244,600

Surface Transportation Block Grant Program

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$50,000	\$14,000	\$50,000	\$14,000	\$28,000	\$7,000	\$28,000	\$7,000	\$198,000
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$2,400	\$600	\$2,400	\$600	\$800	\$200	\$800	\$200	\$8,000
PL	\$1,300	\$400	\$1,300	\$400	\$600	\$150	\$600	\$150	\$4,900
ROW	\$160	\$40	\$160	\$40	\$160	\$40	\$160	\$40	\$800
Subtotal	\$53,860	\$15,040	\$53,860	\$15,040	\$29,560	\$7,390	\$29,560	\$7,390	\$211,700
Total	\$136,060	\$35,840	\$136,060	\$35,840	\$58,760	\$14,690	\$58,760	\$14,690	\$490,700

Areawide Safety And Spot Improvements

TIP ID	60-9508-19	Year of Operation	Ongoing
Agency	SHA - Regional	Project Type	Other
Project Category	Highway Preservation	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP or CTP ID(s)	A-20	Est. Total Cost	\$275,260,000

Description:

This is an ongoing program to provide localized improvements to address safety and/or operational issues on State highways. These are highway improvements which may include but are not limited to projects dealing with bypass lanes, acceleration and deceleration lanes, turn lanes, rail crossings, intersection realignment, geometric improvements, safety improvements including bridge, bicycle, and pedestrian safety improvements, pavement markers, ADA improvements, guardrails, and roundabouts. Other improvements such as slope repairs, drainage improvements, and joint sealing may be included incidental to other safety improvements.

Justification:

Will improve safety and the flow of traffic, thereby reducing fatalities, injuries, congestion, and queuing.



Connection to Long-Range Transportation Planning Goals:

- 1.C Improve System Safety -- Eliminate hazardous or substandard conditions.
- 1.E Improve System Safety -- Improve safety conditions for pedestrians and bicyclists.
- 2.A Improve and Maintain the Existing Infrastructure -- Improve the condition of roadway systems (pavement, bridges, tunnels).



2024 - 2027 Transportation Improvement Program

Areawide Safety And Spot Improvements

(Funding in Thousands)

Congestion Mitigation and Air Quality

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$2,000	\$500	\$2,000	\$500	\$2,000	\$500	\$2,000	\$500	\$10,000
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$400	\$100	\$400	\$100	\$80	\$20	\$80	\$20	\$1,200
PL	\$400	\$100	\$400	\$100	\$200	\$50	\$200	\$50	\$1,500
ROW	\$40	\$10	\$40	\$10	\$40	\$10	\$40	\$10	\$200
Subtotal	\$2,840	\$710	\$2,840	\$710	\$2,320	\$580	\$2,320	\$580	\$12,900

Highway Safety Improvement Program

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$17,000	\$3,400	\$17,000	\$3,400	\$8,000	\$2,000	\$8,000	\$2,000	\$60,800
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$4,000	\$2,000	\$4,000	\$2,000	\$2,000	\$1,000	\$2,000	\$1,000	\$18,000
PL	\$1,600	\$400	\$1,600	\$400	\$1,200	\$300	\$1,200	\$300	\$7,000
ROW	\$300	\$200	\$300	\$200	\$160	\$40	\$160	\$40	\$1,400
Subtotal	\$22,900	\$6,000	\$22,900	\$6,000	\$11,360	\$3,340	\$11,360	\$3,340	\$87,200



2024 - 2027 Transportation Improvement Program

Areawide Safety And Spot Improvements

(Funding in Thousands)

National Highway Performance Program (National Highway System, Interstate Maintenance, Bridge (on-System))

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$16,000	\$4,000	\$16,000	\$4,000	\$8,000	\$2,000	\$8,000	\$2,000	\$60,000
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$4,000	\$2,000	\$4,000	\$2,000	\$800	\$200	\$800	\$200	\$14,000
PL	\$800	\$200	\$800	\$200	\$160	\$40	\$160	\$40	\$2,400
ROW	\$640	\$160	\$640	\$160	\$640	\$160	\$640	\$160	\$3,200
Subtotal	\$21,440	\$6,360	\$21,440	\$6,360	\$9,600	\$2,400	\$9,600	\$2,400	\$79,600

Surface Transportation Block Grant Program

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$12,000	\$3,000	\$12,000	\$3,000	\$12,000	\$3,000	\$12,000	\$3,000	\$60,000
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$6,000	\$3,000	\$6,000	\$3,000	\$1,600	\$400	\$1,600	\$400	\$22,000
PL	\$1,600	\$400	\$1,600	\$400	\$800	\$200	\$800	\$200	\$6,000
ROW	\$2,400	\$600	\$1,600	\$400	\$1,600	\$400	\$160	\$400	\$7,560
Subtotal	\$22,000	\$7,000	\$21,200	\$6,800	\$16,000	\$4,000	\$14,560	\$4,000	\$95,560
Total	\$69,180	\$20,070	\$68,380	\$19,870	\$39,280	\$10,320	\$37,840	\$10,320	\$275,260

Areawide Urban Reconstruction

TIP ID	60-9511-19	Year of Operation	Ongoing
Agency	SHA - Regional	Project Type	Other
Project Category	Highway Preservation	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP or CTP ID(s)	A-20	Est. Total Cost	\$10,780

Description:

This is an ongoing program to provide roadway rehabilitation and streetscape improvements on State highways in towns and urban areas. These are non-capacity highway improvements which may include but are not limited to projects dealing with drainage, curb and gutter, pavement milling and resurfacing, sidewalks, streetscapes, signs, and markings and lighting improvements.

Justification:

Will improve safety and the flow of traffic, thereby reducing delay, queuing and congestion. This will also enhance the surrounding environment and community.

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).
- 2.F Improve and Maintain the Existing Infrastructure -- Improve the condition of pedestrian and bicycle facilities.





2024 - 2027 Transportation Improvement Program

Areawide Urban Reconstruction

(Funding in Thousands)

National Highway Performance Program (National Highway System, Interstate Maintenance, Bridge (on-System))

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$20	\$5	\$20	\$5	\$20	\$5	\$20	\$5	\$100
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$1,000	\$300	\$1,000	\$300	\$8	\$2	\$8	\$2	\$2,620
PL	\$4	\$1	\$4	\$1	\$4	\$1	\$5	\$1	\$21
ROW	\$4	\$1	\$4	\$1	\$4	\$1	\$4	\$1	\$20
Subtotal	\$1,028	\$307	\$1,028	\$307	\$36	\$9	\$37	\$9	\$2,761

Surface Transportation Block Grant Program

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$1,200	\$300	\$1,200	\$300	\$1,200	\$300	\$1,200	\$300	\$6,000
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$240	\$60	\$240	\$60	\$80	\$20	\$80	\$20	\$800
PL	\$40	\$10	\$40	\$10	\$40	\$10	\$40	\$10	\$200
ROW	\$300	\$60	\$300	\$60	\$120	\$30	\$120	\$30	\$1,020
Subtotal	\$1,780	\$430	\$1,780	\$430	\$1,440	\$360	\$1,440	\$360	\$8,020
Total	\$2,808	\$737	\$2,808	\$737	\$1,476	\$369	\$1,477	\$369	\$10,781

Morgan State University Transportation Research Program

TIP ID	60-0702-99	Year of Operation	Ongoing
Agency	SHA - Regional	Project Type	Miscellaneous
Project Category	Miscellaneous	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP or CTP ID(s)	NA	Est. Total Cost	\$90,000

Description:

Transportation research, education and technology transfer activities involving university faculty, staff and students.

Justification:

The project will support research and solutions to real world transportation issues and meet state and federal transportation objectives.

Connection to Long-Range Transportation Planning Goals:

- 9. Promote Informed Decision Making





Morgan State University Transportation Research Program

(Funding in Thousands)

Other

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTH	\$45	\$0	\$45	\$0	\$0	\$0	\$0	\$0	\$90
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	\$45	\$0	\$45	\$0	\$0	\$0	\$0	\$0	\$90
Total	\$45	\$0	\$45	\$0	\$0	\$0	\$0	\$0	\$90

MD 175: Sellner Road/Race Road to McCarron Court

TIP ID	61-1701-41	Year of Operation	2025
Agency	SHA - Anne Arundel County	Project Type	Roadway widening
Project Category	Highway Capacity	Functional Class	Minor Arterial
Conformity Status	Not Exempt	Physical Data	2 to 6 lanes, 0.7 miles
CIP or CTP ID(s)	AA4363	Est. Total Cost	\$77,296,000

Description:

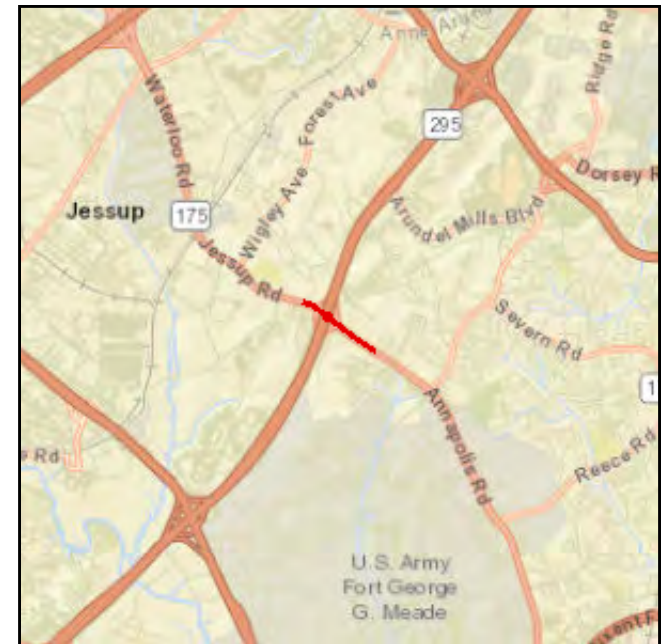
This project widens MD 175 from Sellner Road/Race Road to McCarron Court from two to six lanes, and reconfigures ramps in the NE and SW quadrants of the MD 295 interchange to create signalized left turns at MD 175. A shared use path on the south side of the road and bicycle compatible shoulders will extend from Race Road/Sellner Road to McCarron Court. The original project limits included the MD 175 segment from National Business Parkway to Sellner Road/Race Road. This segment was eliminated from the project to accommodate ongoing development in this area.

Justification:

This project will improve safety and operation along MD 175 and ease growing congestion related to the BRAC expansion at Fort Meade.

Connection to Long-Range Transportation Planning Goals:

- 2.F Improve and Maintain the Existing Infrastructure -- Improve the condition of pedestrian and bicycle facilities.
- 4. Increase Mobility
- 7.E Promote Prosperity and Economic Opportunity -- Improve access to existing communities and regional generators of economic activity.





MD 175: Sellner Road/Race Road to McCarron Court

(Funding in Thousands)

Surface Transportation Block Grant Program

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$15,763	\$53	\$17,173	\$58	\$5,856	\$19	\$0	\$0	\$38,922
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	\$15,763	\$53	\$17,173	\$58	\$5,856	\$19	\$0	\$0	\$38,922

Other

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$623	\$0	\$122	\$0	\$464	\$0	\$0	\$1,209
Subtotal	\$0	\$623	\$0	\$122	\$0	\$464	\$0	\$0	\$1,209

Total	\$15,763	\$676	\$17,173	\$180	\$5,856	\$483	\$0	\$0	\$40,131
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MD 2: US 50 to Arnold Road

TIP ID	61-2301-41	Year of Operation	2026
Agency	SHA - Anne Arundel County	Project Type	Roadway widening
Project Category	Highway Capacity	Functional Class	Other Principal Arterial
Conformity Status	Not Exempt	Physical Data	2 to 3 lanes, 1.25 miles
CIP or CTP ID(s)	AA9081	Est. Total Cost	\$3,900,000

Description:

This project will provide a continuous third lane on northbound MD 2 from US 50 to Arnold Road and sidewalk along northbound MD 2 from Chautaugua Road to Arnold Road and along Arnold Road from the B&A Trail to MD 2. This project was previously included in the FY 2022-2025 TIP as an Anne Arundel County project with TIP ID #11-2102-41. The estimated total cost has been reduced to reflect the current project scope. Construction is not currently funded. Anne Arundel County contributed \$200,000 for project design.

Justification:

This project will improve safety for vulnerable users and reduce congestion on MD 2.

Connection to Long-Range Transportation Planning Goals:

- 1.E Improve System Safety -- Improve safety conditions for pedestrians and bicyclists.
- 2.F Improve and Maintain the Existing Infrastructure -- Improve the condition of pedestrian and bicycle facilities.
- 4. Increase Mobility





2024 - 2027 Transportation Improvement Program

MD 2: US 50 to Arnold Road

(Funding in Thousands)

National Highway Performance Program (National Highway System, Interstate Maintenance, Bridge (on-System))

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 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	\$260	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$260
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$260	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$260

Other

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 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	\$0	\$65	\$0	\$0	\$0	\$0	\$0	\$0	\$65
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$0	\$65	\$0	\$0	\$0	\$0	\$0	\$0	\$65
Total	\$260	\$65	\$0	\$0	\$0	\$0	\$0	\$0	\$325

MD 3: Waugh Chapel Road/Riedel Road to MD32/I-97

TIP ID	61-2302-41	Year of Operation	2026
Agency	SHA - Anne Arundel County	Project Type	Roadway widening
Project Category	Highway Capacity	Functional Class	Other Principal Arterial
Conformity Status	Not Exempt	Physical Data	4 to 6 lanes, 1.60 miles
CIP or CTP ID(s)	AA0371	Est. Total Cost	\$23,500,000

Description:

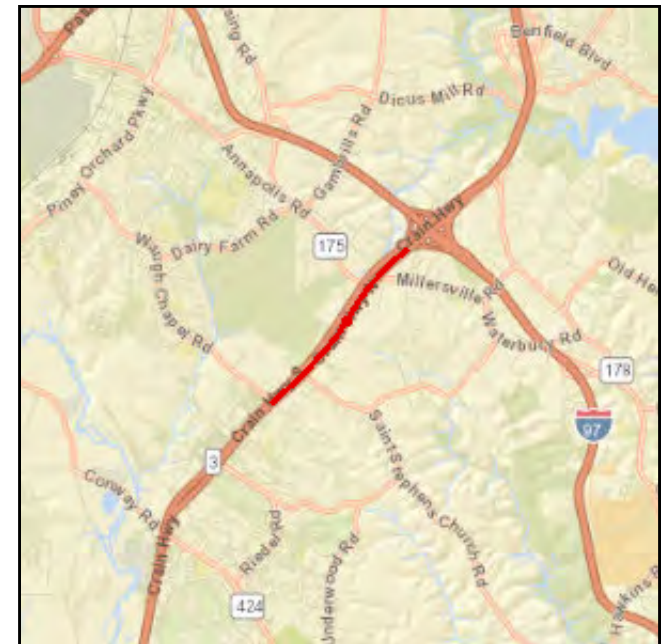
This project will provide a continuous third lane on northbound MD 3 from St. Stephens Church Road to MD 175, a continuous third lane on southbound MD 3 from the MD 32 Ramp to Waugh Chapel Road/Riedel Road, a shared use path along MD 3 from MD 175 to Waugh Chapel/Riedel Road, and sidewalk and crosswalk improvements at the MD 3 and MD 175 intersection. This project was previously included in the FY 2022-2025 TIP as an Anne Arundel County project with TIP ID #11-2103-41. Construction is not currently funded. Anne Arundel County contributed \$160,000 for project design.

Justification:

This project will improve safety for vulnerable users and improve operations along MD 3.

Connection to Long-Range Transportation Planning Goals:

- 1.E Improve System Safety -- Improve safety conditions for pedestrians and bicyclists.
- 2.F Improve and Maintain the Existing Infrastructure -- Improve the condition of pedestrian and bicycle facilities.
- 4. Increase Mobility
- 7.E Promote Prosperity and Economic Opportunity -- Improve access to existing communities and





MD 3: Waugh Chapel Road/Riedel Road to MD32/I-97

(Funding in Thousands)

National Highway Performance Program (National Highway System, Interstate Maintenance, Bridge (on-System))

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 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	\$148	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$148
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$148	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$148

Other

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 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	\$0	\$37	\$0	\$0	\$0	\$0	\$0	\$0	\$37
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$0	\$37	\$0	\$0	\$0	\$0	\$0	\$0	\$37
Total	\$148	\$37	\$0	\$0	\$0	\$0	\$0	\$0	\$185

MD 170: Norcross Lane to Wieker Road

TIP ID	61-2303-41	Year of Operation	2026
Agency	SHA - Anne Arundel County	Project Type	Roadway widening
Project Category	Highway Capacity	Functional Class	Other Principal Arterial
Conformity Status	Not Exempt	Physical Data	2 to 4 lanes, 0.83 miles
CIP or CTP ID(s)	AA1951	Est. Total Cost	\$17,900,000

Description:

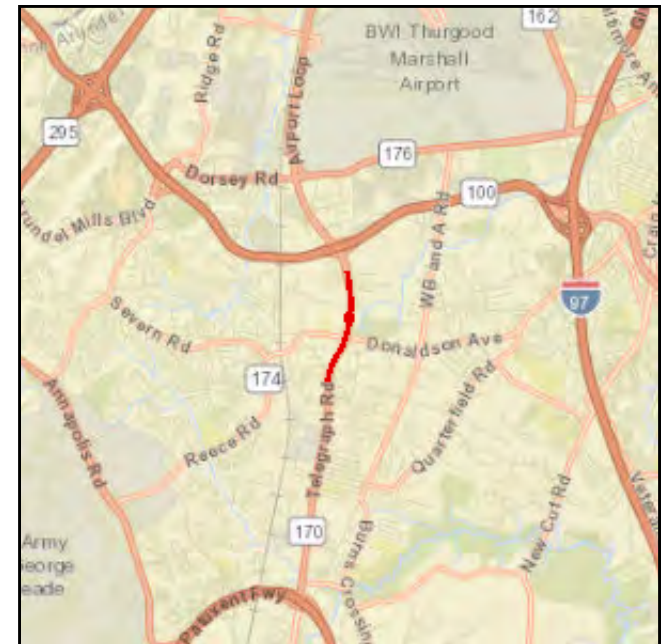
This project will include widening of MD 170 from Norcross Lane to Wieker Road to provide an additional through lane in each direction and increased capacity at the MD 170/MD 174 intersection. The project will also include new sidewalk and bicycle compatible shoulders. Shoulder width will be determined during design. Construction funding in FY 2024 is for utility work. The remaining construction funding will be programmed at a later date.

Justification:

This project will improve safety and operations along MD 170 from Norcross Lane to Wieker Road, including the MD 170/MD 174 intersection.

Connection to Long-Range Transportation Planning Goals:

- 2.F Improve and Maintain the Existing Infrastructure -- Improve the condition of pedestrian and bicycle facilities.
- 4. Increase Mobility
- 7.E Promote Prosperity and Economic Opportunity -- Improve access to existing communities and regional generators of economic activity.





2024 - 2027 Transportation Improvement Program

MD 170: Norcross Lane to Wieker Road

(Funding in Thousands)

National Highway Performance Program (National Highway System, Interstate Maintenance, Bridge (on-System))

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$400	\$100	\$0	\$0	\$0	\$0	\$0	\$0	\$500
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$160	\$40	\$0	\$0	\$0	\$0	\$0	\$0	\$200
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$200	\$50	\$0	\$0	\$0	\$0	\$0	\$0	\$250
Subtotal	\$760	\$190	\$0	\$0	\$0	\$0	\$0	\$0	\$950
Total	\$760	\$190	\$0	\$0	\$0	\$0	\$0	\$0	\$950

MD 214: MD 468 to Camp Letts Road

TIP ID	61-2304-41	Year of Operation	2026
Agency	SHA - Anne Arundel County	Project Type	Roadway widening
Project Category	Highway Capacity	Functional Class	Other Principal Arterial
Conformity Status	Not Exempt	Physical Data	2 to 4 lanes, 0.92 miles
CIP or CTP ID(s)	AA0391	Est. Total Cost	\$19,300,000

Description:

This project will add an additional lane in each lane direction and improve intersections from MD 468 to Camp Letts Road. The project also includes bicycle and pedestrian improvements. Project will include a shared use path along MD 214. Sidewalk will be determined during design. This project was previously included in the FY 2022-2025 TIP as an Anne Arundel County project with TIP ID #11-2104-41. Anne Arundel County contributed \$1.6 million for engineering. Construction funding will be programmed at a later date.

Justification:

The project will improve safety for vulnerable users, reliability, and operations.

Connection to Long-Range Transportation Planning Goals:

- 1.C Improve System Safety -- Eliminate hazardous or substandard conditions.
- 1.E Improve System Safety -- Improve safety conditions for pedestrians and bicyclists.
- 4. Increase Mobility





MD 214: MD 468 to Camp Letts Road

(Funding in Thousands)

National Highway Performance Program (National Highway System, Interstate Maintenance, Bridge (on-System))

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 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	\$400	\$100	\$0	\$0	\$0	\$0	\$0	\$0	\$500
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$80	\$20	\$0	\$0	\$0	\$0	\$0	\$0	\$100
Subtotal	\$480	\$120	\$0	\$0	\$0	\$0	\$0	\$0	\$600
Total	\$480	\$120	\$0	\$0	\$0	\$0	\$0	\$0	\$600

I-97: US 50 to MD 32 TSMO

TIP ID	61-2305-41	Year of Operation	2027
Agency	SHA - Anne Arundel County	Project Type	Roadway widening
Project Category	Highway Capacity	Functional Class	Interstate
Conformity Status	Not Exempt	Physical Data	7 miles, TSMO improvements TBD
CIP or CTP ID(s)	AA9451	Est. Total Cost	\$49,448,000

Description:

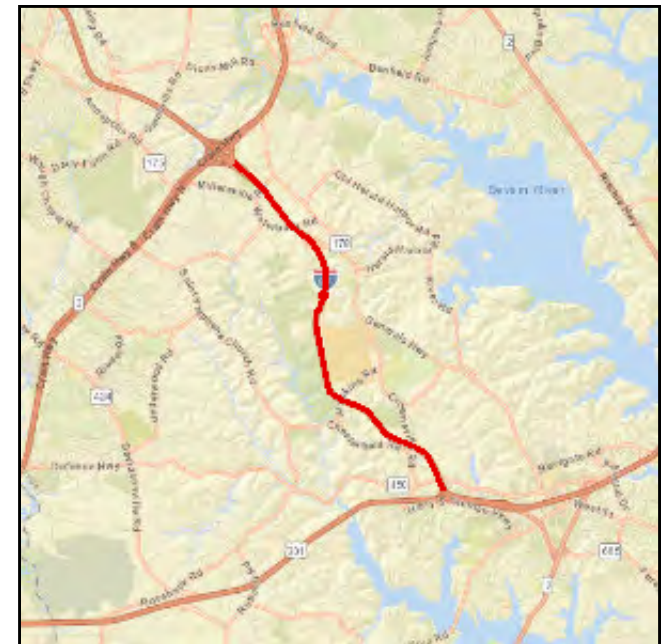
This project is a combination of information technology and geometric improvements along the corridor. The project also includes extending the left entrance ramp from eastbound US 50 to northbound I-97 by 2,600 feet to address heavy merge movements.

Justification:

This project will improve safety and operations and relieve congestion in this heavily traveled corridor.

Connection to Long-Range Transportation Planning Goals:

- 4. Increase Mobility





2024 - 2027 Transportation Improvement Program

I-97: US 50 to MD 32 TSMO

(Funding in Thousands)

National Highway Performance Program (National Highway System, Interstate Maintenance, Bridge (on-System))

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$8,687	\$965	\$13,720	\$1,524	\$18,137	\$2,015	\$45,048
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$1,800	\$200	\$450	\$50	\$0	\$0	\$0	\$0	\$2,500
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$1,800	\$200	\$9,137	\$1,015	\$13,720	\$1,524	\$18,137	\$2,015	\$47,548
Total	\$1,800	\$200	\$9,137	\$1,015	\$13,720	\$1,524	\$18,137	\$2,015	\$47,548

MD 173: Bridge Replacement over Rock Creek

TIP ID	61-2101-13	Year of Operation	TBD
Agency	SHA - Anne Arundel County	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	Other Principal Arterial
Conformity Status	Exempt	Physical Data	2 to 2 lanes
CIP or CTP ID(s)	AA323A	Est. Total Cost	\$5,328,000

Description:

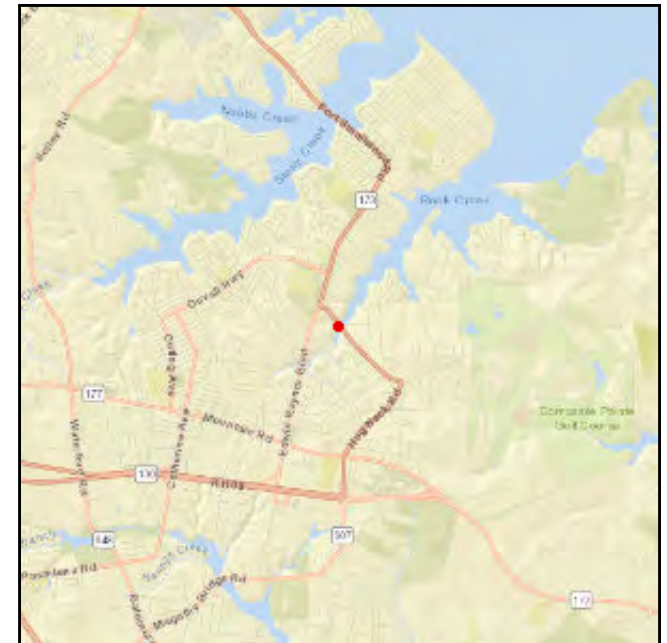
The project will replace bridge no. 0204600 over Rock Creek. The new bridge will maintain two 11' lanes along with 5' 5" bicycle compatible shoulders. Engineering began in 2015 using state only funds. Construction is not currently funded.

Justification:

The deteriorating bridge requires replacement to maintain the safety and function of the roadway network. The existing bridge is rated in poor condition.

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).





2024 - 2027 Transportation Improvement Program

MD 173: Bridge Replacement over Rock Creek

(Funding in Thousands)

National Highway Performance Program (National Highway System, Interstate Maintenance, Bridge (on-System))

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 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	\$97	\$24	\$0	\$0	\$0	\$0	\$0	\$0	\$121
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$97	\$24	\$0	\$0	\$0	\$0	\$0	\$0	\$121
Total	\$97	\$24	\$0	\$0	\$0	\$0	\$0	\$0	\$121

I-795: Dolfield Boulevard Interchange

TIP ID	63-0803-46	Year of Operation	2031
Agency	SHA - Baltimore County	Project Type	New interchange
Project Category	Highway Capacity	Functional Class	Interstate
Conformity Status	Not Exempt	Physical Data	Full Interchange
CIP or CTP ID(s)	BA4511	Est. Total Cost	\$148,917,000

Description:

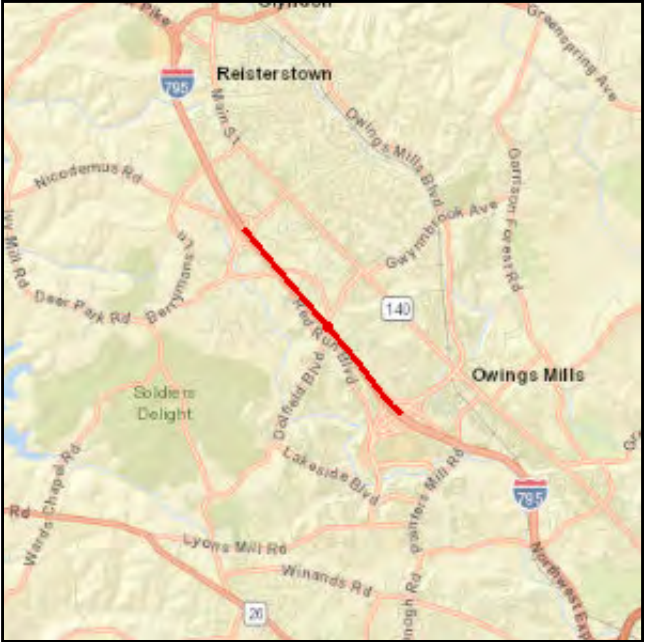
Construct an interchange at Dolfield Boulevard including widening and operational improvements along I-795 from Owings Mills Boulevard (MD 940) to Franklin Boulevard. TSMO strategies, including part-time shoulder use, will be utilized.

Justification:

This project will provide improved access to the planned growth corridor along Red Run Boulevard in Owings Mills.

Connection to Long-Range Transportation Planning Goals:

- 4. Increase Mobility





2024 - 2027 Transportation Improvement Program

I-795: Dolfield Boulevard Interchange

(Funding in Thousands)

National Highway Performance Program (National Highway System, Interstate Maintenance, Bridge (on-System))

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$410	\$45	\$455
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$2,700	\$300	\$2,700	\$300	\$900	\$100	\$270	\$30	\$7,300
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$7,196	\$800	\$7,196	\$800	\$0	\$0	\$15,992
Subtotal	\$2,700	\$300	\$9,896	\$1,100	\$8,096	\$900	\$680	\$75	\$23,747
Total	\$2,700	\$300	\$9,896	\$1,100	\$8,096	\$900	\$680	\$75	\$23,747

I-695: US 40 to MD 144

TIP ID	63-1601-41	Year of Operation	2021
Agency	SHA - Baltimore County	Project Type	Roadway widening
Project Category	Highway Capacity	Functional Class	Interstate
Conformity Status	Not Exempt	Physical Data	3 to 4 lanes, 1.2 miles
CIP or CTP ID(s)	BA7271	Est. Total Cost	\$127,567,000

Description:

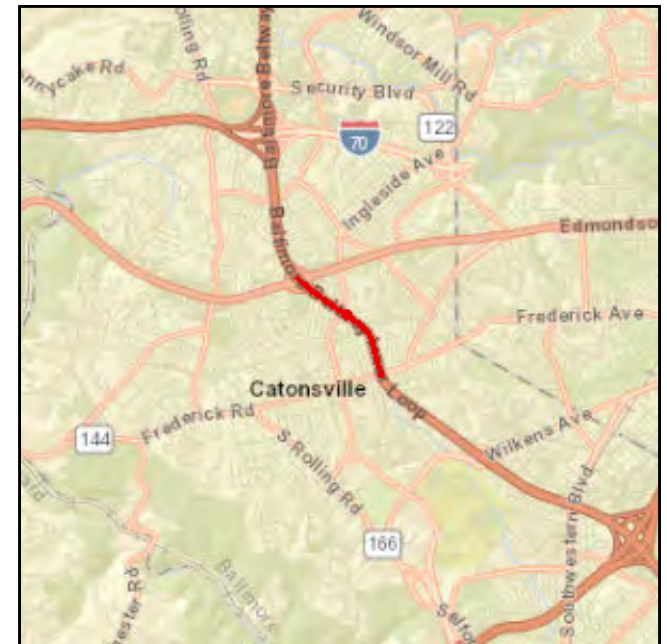
This project will widen the I-695 outer loop from US 40 to MD 144 from three to four through lanes. This project will also accommodate the final configuration of this section of the beltway. The noise barrier on the inner loop will be replaced and extended from south of Shady Nook Avenue to US 40 as part of this project. The roadway opened to traffic in summer 2021. Construction of the noise barrier is underway and expected to be complete in 2024. Estimated Total Cost decreased as a result of lower costs for noise wall contract.

Justification:

This project will provide additional capacity and improve safety and operations on this segment of I-695.

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).
- 4. Increase Mobility





2024 - 2027 Transportation Improvement Program

I-695: US 40 to MD 144

(Funding in Thousands)

Other

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$4,840	\$0	\$277	\$0	\$0	\$0	\$0	\$5,117
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	\$0	\$4,840	\$0	\$277	\$0	\$0	\$0	\$0	\$5,117
Total	\$0	\$4,840	\$0	\$277	\$0	\$0	\$0	\$0	\$5,117

I-695: I-70 to MD 43

TIP ID	63-1802-41	Year of Operation	2024
Agency	SHA - Baltimore County	Project Type	Roadway widening
Project Category	Highway Capacity	Functional Class	Interstate
Conformity Status	Not Exempt	Physical Data	6 to 8 lanes, 19 miles
CIP or CTP ID(s)	BA0061	Est. Total Cost	\$178,618,000

Description:

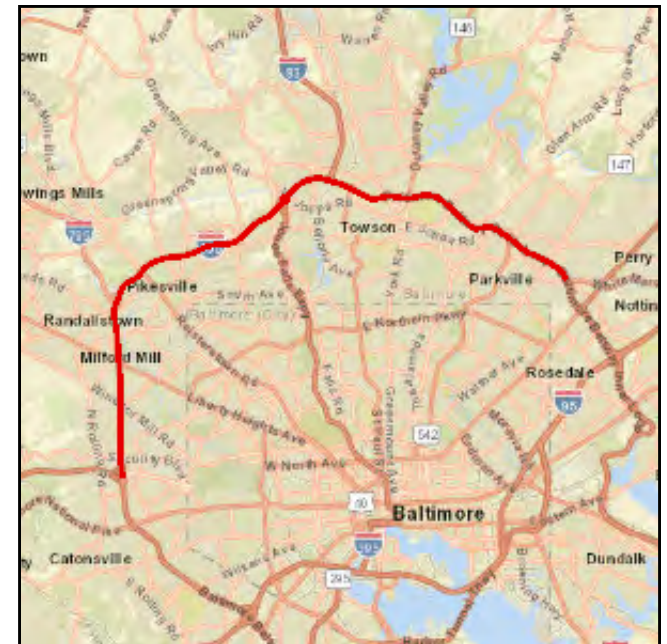
The purpose of this project is to utilize the inside shoulder to create a new travel lane on the inner and outer loops of I-695 during daily peak travel periods from I-70 to MD 43. This project primarily uses federal funding due to toll credits.

Justification:

This project will address capacity, safety, and operations concerns along I-695.

Connection to Long-Range Transportation Planning Goals:

- 1.B Improve System Safety -- Apply safety-related management and operations techniques.
- 4. Increase Mobility
- 4.D Increase Mobility -- Apply mobility-related management and operations techniques.





2024 - 2027 Transportation Improvement Program

I-695: I-70 to MD 43

(Funding in Thousands)

National Highway Performance Program (National Highway System, Interstate Maintenance, Bridge (on-System))

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$111,221	\$69	\$0	\$0	\$0	\$0	\$0	\$0	\$111,290
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	\$111,221	\$69	\$0	\$0	\$0	\$0	\$0	\$0	\$111,290
Total	\$111,221	\$69	\$0	\$0	\$0	\$0	\$0	\$0	\$111,290

MD 151/MD 151B: Bridge Replacements

TIP ID	63-2001-13	Year of Operation	2024
Agency	SHA - Baltimore County	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	Minor Arterial
Conformity Status	Exempt	Physical Data	#0309900: 4 to 4; #0335100: 2 to 2; #0335000: 1 to 1
CIP or CTP ID(s)	BA8602	Est. Total Cost	\$34,206,000

Description:

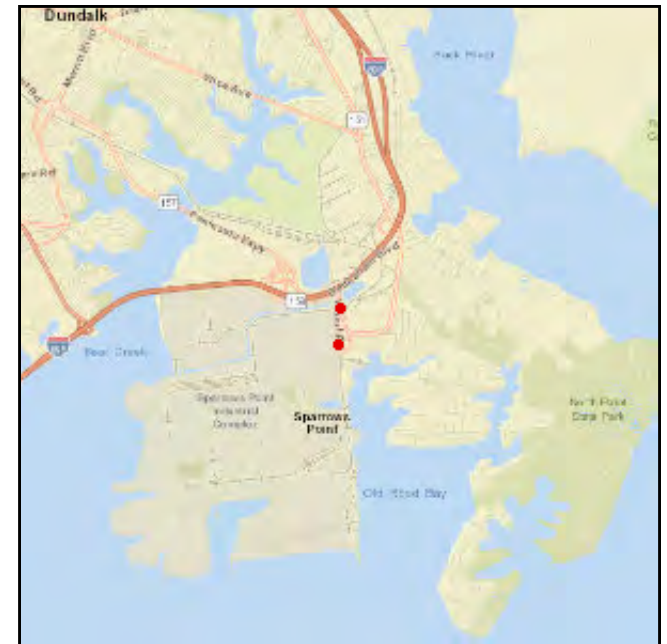
This project replaces bridge no. 0309900 on MD 151 and bridge nos. 0335100 and 0335000 on MD 151B. Bridge no. 0309900 will include an 8' outside shoulder and a 3' inside shoulder with a 5' sidewalk along the southbound roadway. Bridge no. 0335100 will include an 8' shoulder on both sides of the bridge with a 5' sidewalk along the northbound roadway. Bridge no. 0335000 will include a 5' outside shoulder and an 8' inside shoulder. No sidewalk is proposed for this bridge. Bridge work is anticipated to be completed in FY 2024. Utility work will continue into FY 2025.

Justification:

This project will replace two bridges built in 1954 and 1957 rated in poor condition and one bridge built in 1957 rated in fair condition. Baltimore County has identified the replacement of these bridges as important for the redevelopment of this area.

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).
- 7.D Promote Prosperity and Economic Opportunity -- Invest within local- and state-designated growth areas.





MD 151/MD 151B: Bridge Replacements

(Funding in Thousands)

Surface Transportation Block Grant Program

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$4,010	\$1	\$50	\$0	\$0	\$0	\$0	\$0	\$4,061
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	\$4,010	\$1	\$50	\$0	\$0	\$0	\$0	\$0	\$4,061
Total	\$4,010	\$1	\$50	\$0	\$0	\$0	\$0	\$0	\$4,061

I-695: Bridge Replacement on Putty Hill Avenue

TIP ID	63-2002-13	Year of Operation	2024
Agency	SHA - Baltimore County	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	Interstate
Conformity Status	Exempt	Physical Data	2 to 2 lanes
CIP or CTP ID(s)	BA1451	Est. Total Cost	\$20,529,000

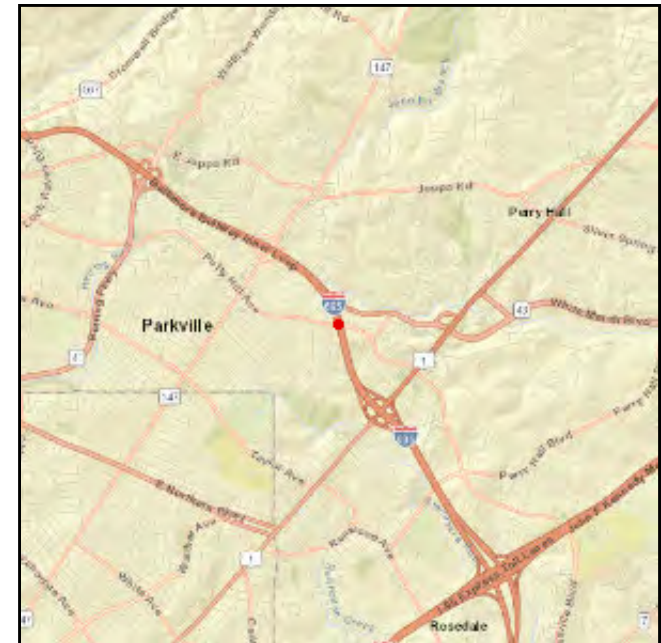
Description:

This project replaces bridge no. 0317400 on Putty Hill Avenue over I-695. The new bridge will maintain two 12' lanes and include 6' bicycle-compatible shoulders with 5'8" sidewalks on both sides of the bridge. The engineering and right-of-way phases for this project were originally funded as part of the Areawide Bridge Replacement and Rehabilitation project (60-9310-13).

The estimated total cost of this project has increased due to additional utility relocation costs.

Justification:

The existing bridge, built in 1961, is rated in poor condition.



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).
- 2.F Improve and Maintain the Existing Infrastructure -- Improve the condition of pedestrian and bicycle facilities.



2024 - 2027 Transportation Improvement Program

I-695: Bridge Replacement on Putty Hill Avenue

(Funding in Thousands)

National Highway Performance Program (National Highway System, Interstate Maintenance, Bridge (on-System))

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$8,664	\$997	\$0	\$0	\$0	\$0	\$0	\$0	\$9,661
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$464	\$116	\$0	\$0	\$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	\$9,128	\$1,113	\$0	\$0	\$0	\$0	\$0	\$0	\$10,241
Total	\$9,128	\$1,113	\$0	\$0	\$0	\$0	\$0	\$0	\$10,241



2024 - 2027 Transportation Improvement Program

I-695: Reconstruction of Interchange at I-70

(Funding in Thousands)

National Highway Freight Program

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$28,500	\$1,500	\$0	\$0	\$30,000
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	\$0	\$0	\$0	\$0	\$28,500	\$1,500	\$0	\$0	\$30,000



2024 - 2027 Transportation Improvement Program

I-695: Reconstruction of Interchange at I-70

(Funding in Thousands)

National Highway Performance Program (National Highway System, Interstate Maintenance, Bridge (on-System))

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$4,913	\$259	\$119,477	\$6,288	\$86,320	\$4,565	\$221,822
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$475	\$25	\$1,188	\$63	\$0	\$0	\$0	\$0	\$1,751
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$475	\$25	\$6,101	\$322	\$119,477	\$6,288	\$86,320	\$4,565	\$223,573
Total	\$475	\$25	\$6,101	\$322	\$147,977	\$7,788	\$86,320	\$4,565	\$253,573

I-95/I-695 Interchange Bridge Deck Replacement

TIP ID	63-2202-13	Year of Operation	2025
Agency	SHA - Baltimore County	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	Interstate
Conformity Status	Exempt	Physical Data	Varies
CIP or CTP ID(s)	BA3532	Est. Total Cost	\$40,064,000

Description:

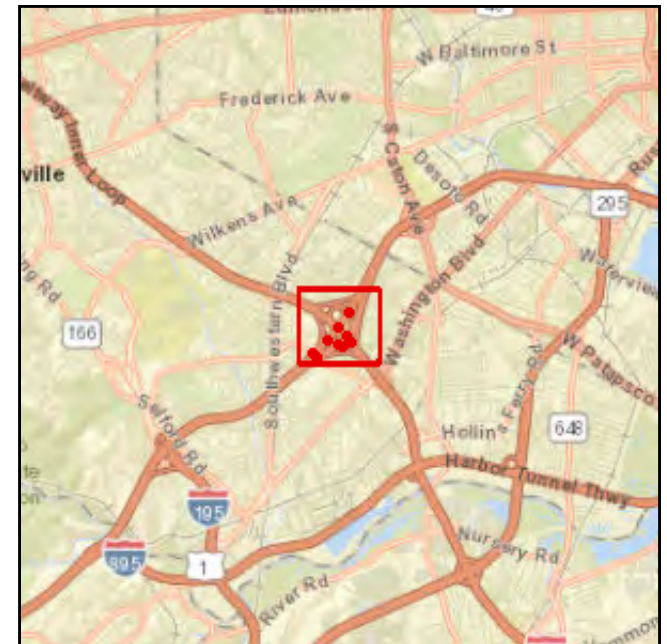
This project includes replacing bridge decks with latex modified concrete deck overlays on 10 bridges within the I-95/I-695 Interchange. The following structures are included: SB I-95 over I-95 Ramp I, SB I-95 over I-695, I-95 Ramp G over I-695, NB I-95 over I-695, I-95 Ramp C over I-695, SB I-95 over I-695 Ramp C, NB I-95 over I-695 Ramps C & G, I-695 Ramp C over I-95 Ramp G, SB I-95 & Ramp D over Sulphur Spring Road and NB I-95 & Ramp H over Sulphur Spring Road. No widening is associated with any of the deck replacements. The use of 100% federal funding in FY 2024-2026 is enabled by toll credits.

Justification:

This project will address concrete bridge decks before they reach a deteriorated state and upgrade existing parapets to meet current safety criteria.

Connection to Long-Range Transportation Planning Goals:

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





2024 - 2027 Transportation Improvement Program

I-95/I-695 Interchange Bridge Deck Replacement

(Funding in Thousands)

National Highway Performance Program (National Highway System, Interstate Maintenance, Bridge (on-System))

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$11,449	\$0	\$11,817	\$0	\$6,184	\$0	\$0	\$0	\$29,450
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$191	\$0	\$159	\$0	\$0	\$0	\$0	\$0	\$350
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$11,640	\$0	\$11,976	\$0	\$6,184	\$0	\$0	\$0	\$29,800
Total	\$11,640	\$0	\$11,976	\$0	\$6,184	\$0	\$0	\$0	\$29,800

MD 97: MD 140 to MD 496 Corridor Study

TIP ID	64-2302-41	Year of Operation	TBD
Agency	SHA - Carroll County	Project Type	Roadway widening
Project Category	Highway Capacity	Functional Class	Other Principal Arterial
Conformity Status	Exempt	Physical Data	2.4 miles
CIP or CTP ID(s)	CL3771	Est. Total Cost	\$500,000

Description:

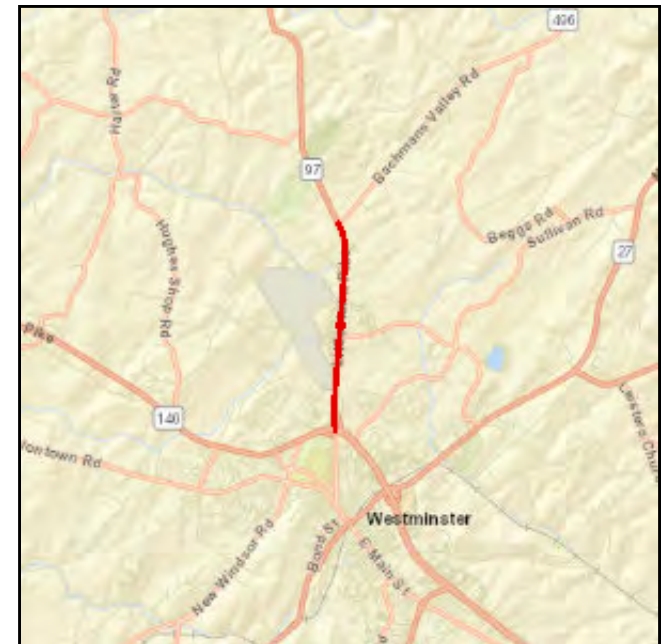
Planning study to identify multi-modal transportation needs and develop conceptual safety and capacity improvements on MD 97 from MD 140 to MD 496.

Justification:

This roadway provides direct access to the Carroll County Regional Airport, industrial parks, and growing economic development opportunities within the corridor.

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.





MD 97: MD 140 to MD 496 Corridor Study

(Funding in Thousands)

Surface Transportation Block Grant Program

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$214	\$54	\$0	\$0	\$0	\$0	\$0	\$0	\$268
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$214	\$54	\$0	\$0	\$0	\$0	\$0	\$0	\$268
Total	\$214	\$54	\$0	\$0	\$0	\$0	\$0	\$0	\$268

MD 91: Bridge Replacements over North Branch of Patapsco River and MD Midland Railroad

TIP ID	64-2201-13	Year of Operation	2024
Agency	SHA - Carroll County	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	Other Principal Arterial
Conformity Status	Exempt	Physical Data	2 to 2 lanes
CIP or CTP ID(s)	CL1721	Est. Total Cost	\$12,279,000

Description:

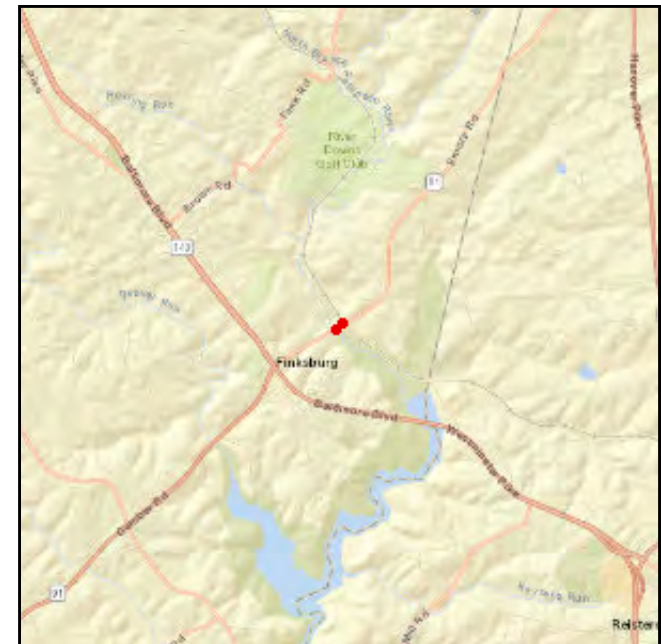
This project replaces bridge no. 06020 over the North Branch Patapsco River and bridge no. 06047 over the Maryland Midland Railroad. The bridges will carry two 12' lanes with 8' bicycle compatible shoulders.

Justification:

The existing bridges, constructed in 1965, are currently in fair condition but are at risk of becoming poor-rated in the near future.

Connection to Long-Range Transportation Planning Goals:

- 1.E Improve System Safety -- Improve safety conditions for pedestrians and bicyclists.
- 2.A Improve and Maintain the Existing Infrastructure -- Improve the condition of roadway systems (pavement, bridges, tunnels).





MD 91: Bridge Replacements over North Branch of Patapsco River and MD Midland Railroad

(Funding in Thousands)

Surface Transportation Block Grant Program

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$6,955	\$366	\$0	\$0	\$0	\$0	\$0	\$0	\$7,321
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	\$6,955	\$366	\$0	\$0	\$0	\$0	\$0	\$0	\$7,321



MD 91: Bridge Replacements over North Branch of Patapsco River and MD Midland Railroad

(Funding in Thousands)

Other

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$11	\$0	\$0	\$0	\$0	\$0	\$0	\$11
Subtotal	\$0	\$11	\$0	\$0	\$0	\$0	\$0	\$0	\$11
Total	\$6,955	\$377	\$0	\$0	\$0	\$0	\$0	\$0	\$7,332

MD 32: 2nd Street to Main Street

TIP ID	64-2301-12	Year of Operation	2026
Agency	SHA - Carroll County	Project Type	Road reconstruction
Project Category	Highway Preservation	Functional Class	Other Principal Arterial
Conformity Status	Exempt	Physical Data	Lanes vary, 0.5 miles
CIP or CTP ID(s)	CL5031	Est. Total Cost	\$7,774,000

Description:

This project will improve intersection geometry, extend turn lanes, and modify access along MD 32 from 2nd Street to Main Street.

Justification:

This project will improve operations and safety along MD 32 from 2nd Street to Main Street.

Connection to Long-Range Transportation Planning Goals:

- 1.C Improve System Safety -- Eliminate hazardous or substandard conditions.
- 4. Increase Mobility





2024 - 2027 Transportation Improvement Program

MD 32: 2nd Street to Main Street

(Funding in Thousands)

National Highway Performance Program (National Highway System, Interstate Maintenance, Bridge (on-System))

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$4,362	\$230	\$1,500	\$79	\$0	\$0	\$6,171
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$270	\$30	\$90	\$10	\$0	\$0	\$0	\$0	\$400
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$270	\$30	\$4,452	\$240	\$1,500	\$79	\$0	\$0	\$6,571
Total	\$270	\$30	\$4,452	\$240	\$1,500	\$79	\$0	\$0	\$6,571

MD 22: MD 462 to Mount Royal Avenue Noise Abatement

TIP ID	65-2301-31	Year of Operation	2026
Agency	SHA - Harford County	Project Type	Noise barriers
Project Category	Environmental/Safety	Functional Class	Other Freeway & Expressways
Conformity Status	Exempt	Physical Data	0.4 Miles
CIP or CTP ID(s)	HA3488	Est. Total Cost	\$5,686,000

Description:

This project will extend the existing noise barriers along both sides of MD 22 from MD 462 to Mount Royal Avenue. Construction funding will be programmed at a later date.

Justification:

This Type 1A noise abatement project is needed to mitigate the impacts associated with the BRAC improvement projects.

Connection to Long-Range Transportation Planning Goals:

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





2024 - 2027 Transportation Improvement Program

MD 22: MD 462 to Mount Royal Avenue Noise Abatement

(Funding in Thousands)

National Highway Performance Program (National Highway System, Interstate Maintenance, Bridge (on-System))

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 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	\$595	\$168	\$128	\$36	\$0	\$0	\$0	\$0	\$927
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$595	\$168	\$128	\$36	\$0	\$0	\$0	\$0	\$927
Total	\$595	\$168	\$128	\$36	\$0	\$0	\$0	\$0	\$927

MD 24: South of Stirrup Run Culvert to Deer Creek Bridge, Section G

TIP ID	65-1601-12	Year of Operation	2026
Agency	SHA - Harford County	Project Type	Road reconstruction
Project Category	Highway Preservation	Functional Class	Major Collector
Conformity Status	Exempt	Physical Data	1.8 Miles
CIP or CTP ID(s)	HA3342	Est. Total Cost	\$8,999,000

Description:

MD 24 will be resurfaced and reconstructed including slope repair and guardrail replacement. This is the southern section (Section G) of MD 24, Rocks Road, from 900' south of Sharon Road to 1,700' north of Ferncliff Lane.

Justification:

The purpose of this project is to improve road safety by remediating the slope supporting MD 24, repairing the pavement, improving roadway drainage and addressing roadside safety concerns.

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).





MD 24: South of Stirrup Run Culvert to Deer Creek Bridge, Section G

(Funding in Thousands)

Surface Transportation Block Grant Program

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$1,928	\$139	\$1,938	\$102	\$1,093	\$58	\$0	\$0	\$5,258
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	\$3	\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$4
Subtotal	\$1,931	\$140	\$1,938	\$102	\$1,093	\$58	\$0	\$0	\$5,262
Total	\$1,931	\$140	\$1,938	\$102	\$1,093	\$58	\$0	\$0	\$5,262

US 1: Bridge Replacements at Tollgate Road and Winters Run

TIP ID	65-2101-13	Year of Operation	2026
Agency	SHA - Harford County	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	Other Principal Arterial
Conformity Status	Exempt	Physical Data	Tollgate Road: 3 to 3 lanes; Winters Run: 2 to 2 lanes
CIP or CTP ID(s)	HA1051	Est. Total Cost	\$18,094,000

Description:

The project will replace bridge no. 12066 over Tollgate Road and bridge no. 12065 over Winters Run along US 1 in Bel Air. The bridge over Tollgate Road will maintain three 12' lanes with a 10' 6" shoulder on each side of the roadway. The bridge over Winters Run will maintain two 12' lanes with a 10' shoulder on one side of the roadway and a 19' 6" shoulder on the other side.

Justification:

The existing bridges, built in 1963, are rated in poor condition.

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).





2024 - 2027 Transportation Improvement Program

US 1: Bridge Replacements at Tollgate Road and Winters Run

(Funding in Thousands)

National Highway Performance Program (National Highway System, Interstate Maintenance, Bridge (on-System))

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$1,837	\$97	\$7,841	\$413	\$5,060	\$266	\$0	\$0	\$15,514
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$509	\$127	\$0	\$0	\$0	\$0	\$0	\$0	\$636
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$2,346	\$224	\$7,841	\$413	\$5,060	\$266	\$0	\$0	\$16,150
Total	\$2,346	\$224	\$7,841	\$413	\$5,060	\$266	\$0	\$0	\$16,150

US 29: Middle Patuxent River to Seneca Drive - Phase 2

TIP ID	66-1406-41	Year of Operation	2030
Agency	SHA - Howard County	Project Type	Roadway widening
Project Category	Highway Capacity	Functional Class	Other Freeway & Expressways
Conformity Status	Not Exempt	Physical Data	5 to 6 lanes; 1.7 miles
CIP or CTP ID(s)	HO3173	Est. Total Cost	\$78,700,000

Description:

Widen the northbound section of US 29 from the Middle Patuxent River to Seneca Drive (Phase 2) from 2 to 3 lanes (1.7 miles), including intersection improvements at Rivers Edge Road. This project includes an east/west trail to connect the Rivers Edge Community to points west (TIP #66-2301-25 in the FY 2023-2026 TIP).

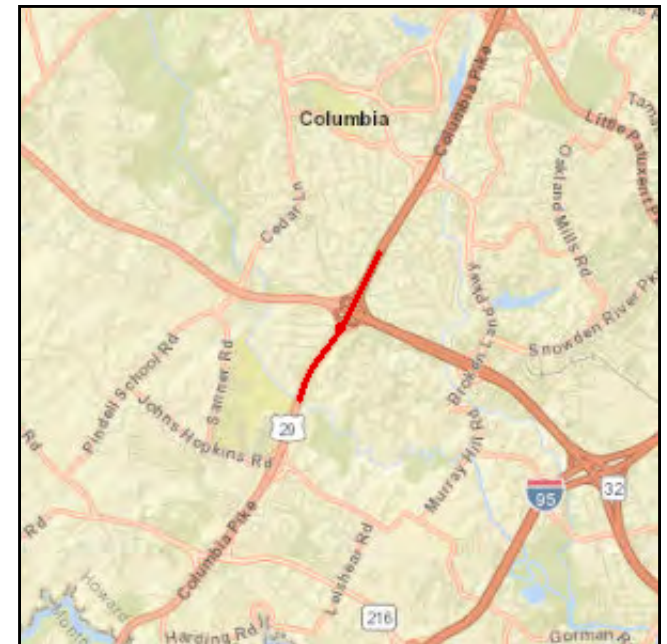
The estimated total cost includes projected funding that will be required to construct this project. No schedule or funding for construction have been identified.

Justification:

This project will improve safety and reduce congestion by upgrading northbound US 29 to match the southbound section, which is currently 3 lanes in each direction.

Connection to Long-Range Transportation Planning Goals:

- 1.C Improve System Safety -- Eliminate hazardous or substandard conditions.
- 4. Increase Mobility





2024 - 2027 Transportation Improvement Program

US 29: Middle Patuxent River to Seneca Drive - Phase 2

(Funding in Thousands)

National Highway Performance Program (National Highway System, Interstate Maintenance, Bridge (on-System))

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 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	\$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	\$200	\$50	\$0	\$0	\$0	\$0	\$0	\$0	\$250
Total	\$200	\$50	\$0	\$0	\$0	\$0	\$0	\$0	\$250

MD 32: Linden Church Road to I-70, Capacity & Safety Improvements

TIP ID	66-1703-41	Year of Operation	2022
Agency	SHA - Howard County	Project Type	Roadway widening
Project Category	Highway Capacity	Functional Class	Other Principal Arterial
Conformity Status	Not Exempt	Physical Data	2 to 4 Lanes, 6.6 Miles
CIP or CTP ID(s)	HO7563	Est. Total Cost	\$133,580,000

Description:

This project will widen MD 32 in both directions from a two-lane to a four-lane divided roadway, from just north of the Linden Church Road interchange to just south of the I-70 interchange. The project also includes replacement of the Triadelphia Road bridge over MD 32. This is Phase 2 of a design build project on MD 32 from MD 108 to I-70. Phase 1, MD 108 to Linden Church Road (TIP ID #66-1602-41) opened to traffic in 2019. Phase 2 opened to traffic in summer 2022. The remaining funding is needed for the construction of Type 1 noise abatement improvements for Phase 2.

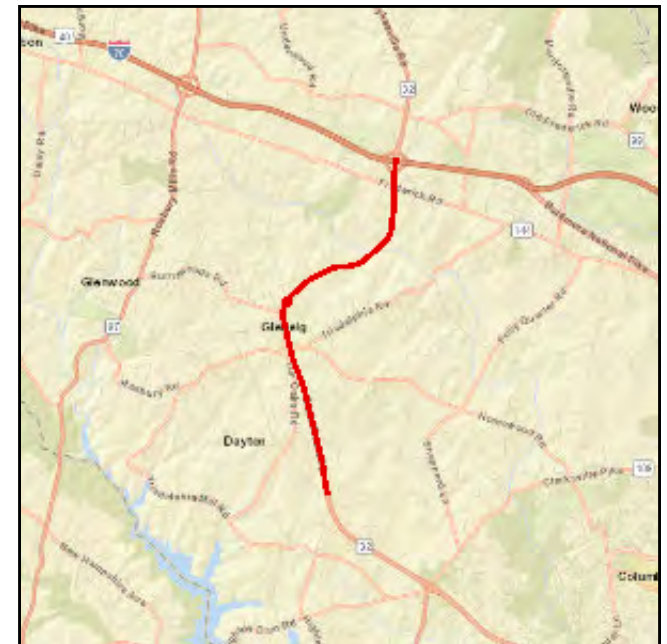
The total cost of the project increased by approximately \$7 million due to the addition of noise abatement improvements, maintenance of traffic, and other capital program costs.

Justification:

The project will address congestion and safety problems experienced as a result of increasing traffic volumes on the existing two lane roadway.

Connection to Long-Range Transportation Planning Goals:

- 1.C Improve System Safety -- Eliminate hazardous or substandard conditions.
- 4. Increase Mobility
- 7.D Promote Prosperity and Economic Opportunity -- Invest within local- and state-designated growth areas.





2024 - 2027 Transportation Improvement Program

MD 32: Linden Church Road to I-70, Capacity & Safety Improvements

(Funding in Thousands)

National Highway Performance Program (National Highway System, Interstate Maintenance, Bridge (on-System))

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$767	\$41	\$1,802	\$95	\$796	\$41	\$0	\$0	\$3,542
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	\$767	\$41	\$1,802	\$95	\$796	\$41	\$0	\$0	\$3,542

Other

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 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	\$0	\$365	\$0	\$0	\$0	\$0	\$0	\$0	\$365
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$0	\$365	\$0	\$0	\$0	\$0	\$0	\$0	\$365

Total	\$767	\$406	\$1,802	\$95	\$796	\$41	\$0	\$0	\$3,907
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MD 18B: Castle Marina Road to the Kent Narrows Corridor Study

TIP ID	67-2301-41	Year of Operation	TBD
Agency	SHA - Queen Anne's County	Project Type	Roadway widening
Project Category	Highway Capacity	Functional Class	Major Collector
Conformity Status	Exempt	Physical Data	2.5 Miles
CIP or CTP ID(s)	QA3061	Est. Total Cost	\$500,000

Description:

Planning study to identify multi-modal transportation needs and develop conceptual capacity and multi-modal improvements on MD 18B (Main Street) from Castle Marina Road to the Kent Narrows.

Justification:

The roadway serves as an ad hoc route for regional traffic bypassing queues on US 50, resulting in increased demand on the local road network.

Connection to Long-Range Transportation Planning Goals:

- 4. Increase Mobility





MD 18B: Castle Marina Road to the Kent Narrows Corridor Study

(Funding in Thousands)

Surface Transportation Block Grant Program

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$214	\$54	\$0	\$0	\$0	\$0	\$0	\$0	\$268
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$214	\$54	\$0	\$0	\$0	\$0	\$0	\$0	\$268
Total	\$214	\$54	\$0	\$0	\$0	\$0	\$0	\$0	\$268