



HOWARD COUNTY



PROJECT: TSMO System 1

DESCRIPTION: This project is a combination information technology and geometric improvements to address safety and operations within TSMO System 1 including I-70, US 29, and US 40.

PURPOSE & NEED SUMMARY STATEMENT: This project will improving safety and operations along I-70, US 29, and US 40.

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Safe, Secure, and Resilient | <input checked="" type="checkbox"/> Quality & Efficiency |
| <input checked="" type="checkbox"/> Maintain & Modernize | <input type="checkbox"/> Environmental Protection |
| <input checked="" type="checkbox"/> Economic Opportunity & Reduce Congestion | <input type="checkbox"/> Fiscal Responsibility |
| <input type="checkbox"/> Better Transportation Choices & Connections | |

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- | | | |
|---|-------|---|
| <input type="checkbox"/> Project Inside PFA | ----- | <input type="checkbox"/> Grandfathered |
| <input type="checkbox"/> Project Outside PFA | | <input type="checkbox"/> Exception Will Be Required |
| <input checked="" type="checkbox"/> PFA Status Yet to Be Determined | | <input type="checkbox"/> Exception Granted |

STATUS: Feasibility study underway.

EXPLANATION: This project will improving safety and operations along I-70, US 29, and US 40.

SIGNIFICANT CHANGE FROM FY 2022 - 27 CTP: Added to the construction program. Additional project funding enabled by IJJA increases.

PHASE	POTENTIAL FUNDING SOURCE: <input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
	TOTAL		EXPENDED IN 2022	CURRENT YEAR 2023	BUDGET YEAR 2024	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU 2022				...2025...	...2026...	...2027...	...2028...		
Planning	400	400	400	0	0	0	0	0	0	0	0
Engineering	2,500	0	0	500	500	500	500	500	0	2,500	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	1,290	0	0	990	0	0	88	106	106	1,290	0
Construction	40,457	0	0	0	0	0	0	13,027	5,502	18,529	21,927
Total	44,647	400	400	1,490	500	500	588	13,633	5,608	22,319	21,927
Federal-Aid	39,831	0	0	1,350	450	450	529	12,270	5,047	20,096	19,735
Special	4,816	400	400	140	50	50	59	1,363	561	2,223	2,193
Other	0	0	0	0	0	0	0	0	0	0	0

Classification:

STATE - Principal Arterial

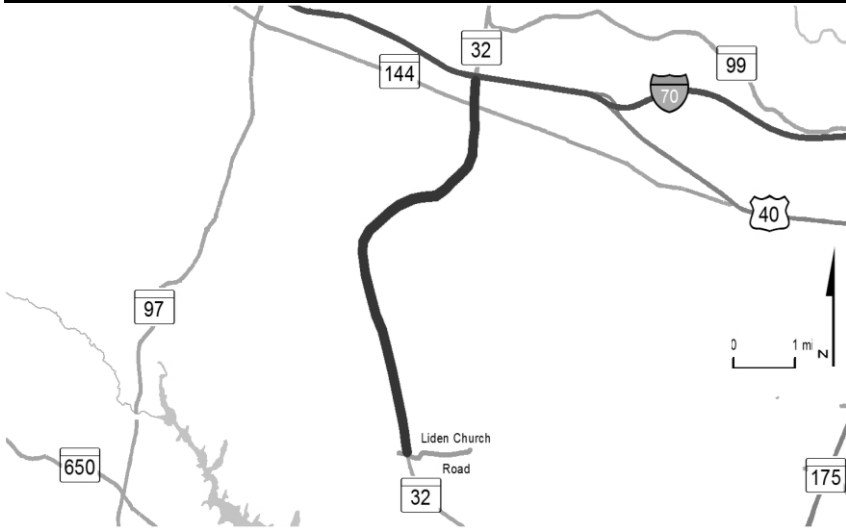
FEDERAL - Interstate

STATE SYSTEM: Primary

Estimated Annual Average Daily Traffic (vehicles per day)

CURRENT (2022) (I-70) 71,700 - 111,300;
(US 29) 92,300 - 165,700

PROJECTED (2042) (I-70) 89,600 - 128,000;
(US 29) 110,800 - 198,800



PROJECT: MD 32, Patuxent Freeway

DESCRIPTION: Construct capacity and safety improvements along MD 32 from north of Linden Church Road to I-70 (6.6 miles).

PURPOSE & NEED SUMMARY STATEMENT: This project will address congestion and safety as a result of increasing traffic volumes on the existing two-lane roadway.

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safe, Secure, and Resilient
- Maintain & Modernize
- Economic Opportunity & Reduce Congestion
- Better Transportation Choices & Connections
- Quality & Efficiency
- Environmental Protection
- Fiscal Responsibility

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- Project Inside PFA
- Project Outside PFA
- PFA Status Yet to Be Determined
- Grandfathered
- Exception Will Be Required
- Exception Granted

STATUS: Open to service.

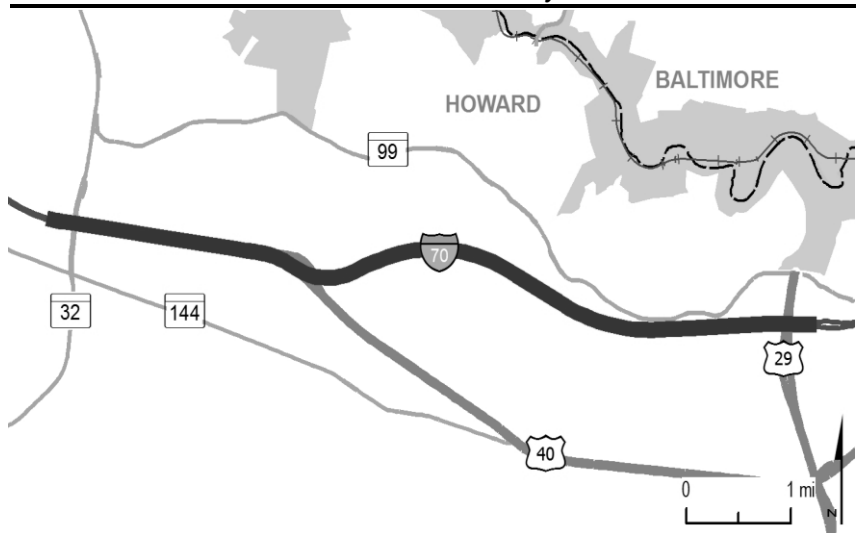
EXPLANATION: This project will relieve traffic congestion and address safety concerns along MD 32 in Howard County.

SIGNIFICANT CHANGE FROM FY 2022 - 27 CTP: The increase of \$1.4 million is due to added engineering of an earthen berm, additional right-of-way acquisitions, and maintenance of traffic needs.

PHASE	TOTAL		POTENTIAL FUNDING SOURCE:							SIX YEAR TOTAL	BALANCE TO COMPLETE	
	ESTIMATED COST (\$000)	EXPENDED THRU 2022	EXPENDED IN 2022	CURRENT YEAR 2023	BUDGET YEAR 2024	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY	...2025...	...2026...	...2027...			...2028...
Planning	2,234	2,234	0	0	0	0	0	0	0	0	0	0
Engineering	8,669	8,378	59	175	116	0	0	0	0	0	291	0
Right-of-way	11,939	11,159	391	349	213	131	87	0	0	0	780	0
Utilities	4,605	1,267	1,245	3,338	0	0	0	0	0	0	3,338	0
Construction	100,291	87,525	23,657	12,766	0	0	0	0	0	0	12,766	0
Total	127,738	110,563	25,352	16,628	329	131	87	0	0	0	17,175	0
Federal-Aid	109,127	93,574	24,787	15,122	213	131	87	0	0	0	15,553	0
Special	18,611	16,989	565	1,506	116	0	0	0	0	0	1,622	0
Other	0	0	0	0	0	0	0	0	0	0	0	0

Classification:

STATE - Principal Arterial
 FEDERAL - Other Principal Arterial
 STATE SYSTEM: Primary
Estimated Annual Average Daily Traffic (vehicles per day)
CURRENT (2022) 23,500
PROJECTED (2042) 41,100



PROJECT: I-70

DESCRIPTION: Study to address current and future capacity needs on I-70 between MD 32 and US 29 (6.0 miles).

PURPOSE & NEED SUMMARY STATEMENT: This project will ease increasing congestion and improve safety along this segment of I-70.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

Project Inside PFA
 Project Outside PFA
 PFA Status Yet to Be Determined
 Grandfathered
 Exception Will Be Required
 Exception Granted

STATUS: Project on hold.

SIGNIFICANT CHANGE FROM FY 2022 - 27 CTP: None.

POTENTIAL FUNDING SOURCE: <input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER											
PHASE	TOTAL		EXPENDED IN 2022	CURRENT YEAR 2023	BUDGET YEAR 2024	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU 2022				...2025...	...2026...	...2027...	...2028...		
Planning	858	858	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Total	858	858	0	0	0	0	0	0	0	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
Special	858	858	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0

Classification:

STATE - Principal Arterial

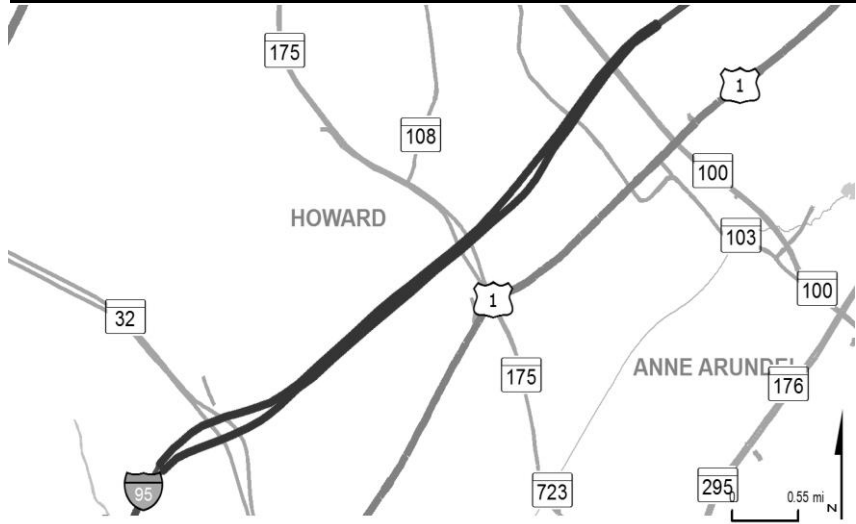
FEDERAL - Interstate

STATE SYSTEM: Primary

Estimated Annual Average Daily Traffic (vehicles per day)

CURRENT (2022) 76,400 - 78,700

PROJECTED (2042) 110,500 - 113,700



PROJECT: I-95, Active Traffic Management

DESCRIPTION: Construct facilities to accommodate peak hour shoulder use on I-95 between MD 32 and MD 100.

PURPOSE & NEED SUMMARY STATEMENT: This project will address congestion and safety concerns along I-95.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

Project Inside PFA
 Project Outside PFA
 PFA Status Yet to Be Determined

Grandfathered
 Exception Will Be Required
 Exception Granted

STATUS: Project on hold.

SIGNIFICANT CHANGE FROM FY 2022 - 27 CTP: None.

POTENTIAL FUNDING SOURCE:											
<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER											
PHASE	TOTAL		EXPENDED IN 2022	CURRENT YEAR 2023	BUDGET YEAR 2024	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU 2022				...2025...	...2026...	...2027...	...2028...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	1,259	1,259	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Total	1,259	1,259	0	0	0	0	0	0	0	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
Special	1,259	1,259	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0

Classification:

STATE - Principal Arterial

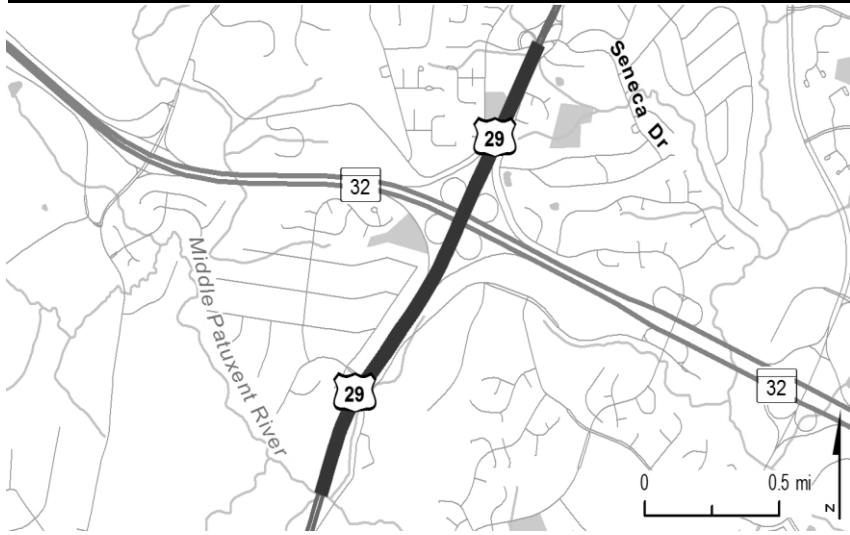
FEDERAL - Interstate

STATE SYSTEM: Primary

Estimated Annual Average Daily Traffic (vehicles per day)

CURRENT (2022) 193,600 - 200,800

PROJECTED (2042) 221,600 - 233,100



PROJECT: US 29, Columbia Pike

DESCRIPTION: Widen from two to three lanes the northbound section of US 29 from the Middle Patuxent River to Seneca Drive (Phase 2; 1.7 miles).

PURPOSE & NEED SUMMARY STATEMENT: This project will improve safety and reduce congestion by upgrading northbound US 29 to match the southbound section, which is currently three lanes.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

Project Inside PFA Project Outside PFA PFA Status Yet to Be Determined Grandfathered Exception Will Be Required Exception Granted

STATUS: Project on hold.

SIGNIFICANT CHANGE FROM FY 2022 - 27 CTP: None.

POTENTIAL FUNDING SOURCE: SPECIAL FEDERAL GENERAL OTHER

PHASE	TOTAL		EXPENDED IN 2022	CURRENT YEAR 2023	BUDGET YEAR 2024	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU 2022				...2025...	...2026...	...2027...	...2028...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	686	686	2	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Total	686	686	2	0	0	0	0	0	0	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
Special	686	686	2	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0

Classification:

STATE - Principal Arterial

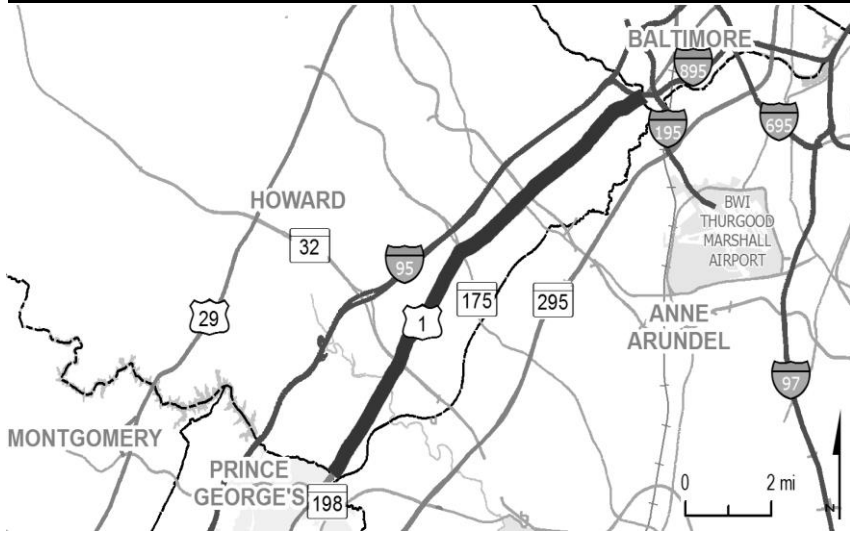
FEDERAL - Freeway/Expressway

STATE SYSTEM: Primary

Estimated Annual Average Daily Traffic (vehicles per day)

CURRENT (2022) 43,400

PROJECTED (2042) 66,025



PROJECT: US 1, Washington Boulevard

DESCRIPTION: Study to identify potential improvements in the US 1 corridor from the Prince George's County line to the Baltimore County line, including potential interchange improvements at MD 175 (11.0 miles).

PURPOSE & NEED SUMMARY STATEMENT: Improvements identified as a result of this study provide a blueprint for future State, local and developer projects, so the corridor can be developed in a manner consistent with the County's overall vision plan, and accommodate existing and future travel demand for all users.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet to Be Determined Exception Granted

STATUS: Feasibility study complete.

SIGNIFICANT CHANGE FROM FY 2022 - 27 CTP: None.

POTENTIAL FUNDING SOURCE: <input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER											
PHASE	TOTAL		EXPENDED IN 2022	CURRENT YEAR 2023	BUDGET YEAR 2024	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU 2022				...2025...	...2026...	...2027...	...2028...		
Planning	1,043	1,043	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Total	1,043	1,043	0	0	0	0	0	0	0	0	0
Federal-Aid	835	835	0	0	0	0	0	0	0	0	0
Special	209	209	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0

Classification:

STATE - Minor Arterial

FEDERAL - Other Principal Arterial

STATE SYSTEM: Secondary

Estimated Annual Average Daily Traffic (vehicles per day)

CURRENT (2022) 18,600 - 40,500

PROJECTED (2042) 37,200 - 62,900

MINOR PROJECTS PROGRAM
(Dollars in Thousands)

STATE HIGHWAY ADMINISTRATION - Howard County - LINE 7

PROJECT ID	ROUTE NUMBER	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
<u>Bridge Replacement/Rehabilitation</u>				
HO5131	-	CLEANING AND PAINTING OF BRIDGES 1301202, 1301301, 1301302, 1301500, 1312800, AND 1212900	\$ 1,548	FY 2023
HO0981	-	CLEANING AND PAINTING OF BRIDGE NUMBERS 1301500,1306700,1306900, 1307100	\$ 2,713	Under Construction
HO1511	MD94	WOODBINE ROAD; BRIDGE 1309400 OVER I-70	\$ 5,249	Under Construction
<u>Environmental Preservation</u>				
HO1811	IS95	LANDSCAPE-PRINCE GEORGE'S/HOWARD COUNTY LINE TO HOWARD/BALTIMORE COUNTY LINE - PHASE 2	\$ 918	Completed
<u>Intersection Capacity Improvements</u>				
HO2271	MD103	MONTGOMERY ROAD; US 29 TO LONG GATE SHOPPING CENTER ENTRANCE	\$ 11,595	Under Construction
<u>Resurface/Rehabilitate</u>				
HO1301	MD32	PATUXENT PARKWAY - SAFETY AND RESURFACE - AT DORSEY RUN ROAD INTERCHANGE	\$ 3,369	Completed
XX1271	-	VARIOUS-PATCHING-AREAWIDE CONCRETE PATCHING AND OVERLAY	\$ 1,044	Completed
XY6131	-	MILL AND RESURFACE-AT VARIOUS LOCATIONS IN HOWARD COUNTY	\$ 18,041	Completed
XY7131	-	VARIOUS LOCATIONS IN HOWARD COUNTY	\$ 12,411	Completed
XY8131	-	AT VARIOUS LOCATIONS IN HOWARD COUNTY	\$ 13,502	Under Construction
<u>Safety/Spot Improvement</u>				
HO2151	US1	WASHINGTON BOULEVARD; AT FOUR LOCATIONS BETWEEN PG COUNTY LINE AND DOCTOR PATEL DRIVE	\$ 4,720	Under Construction
HO5111	IS95	GUARD RAIL UPGRADE ALONG THE I-95 CORRIDOR IN HOWARD COUNTY	\$ 2,960	Under Construction
<u>Sidewalks</u>				
HO1401	US1	WASHINGTON BOULEVARD-SIDEWALKS-CRESTMOUNT ROAD TO CEDAR AVENUE	\$ 1,726	Under Construction
<u>Transportation Alternatives Program</u>				
HO105C	-	DOBBIN AND MCGAW ROAD BIKEPED IMPROVEMENTS	\$ 220	Design Underway
HO4901	-	PATUXENT BRANCH TRAIL - PAVING FROM OLD GUILFORD ROAD TO VOLLMERHAUSEN ROAD	\$ 1,092	Design Underway

* Project funding enabled by IIJA increases.

MINOR PROJECTS PROGRAM
(Dollars in Thousands)

STATE HIGHWAY ADMINISTRATION - Howard County - LINE 7

PROJECT ID	ROUTE NUMBER	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
Transportation Alternatives Program				
HO5531	-	OELLA PATAPSCO RIVER BIKE AND PEDESTRIAN BRIDGE	\$ 132	FY 2023

* Project funding enabled by IJJA increases.