

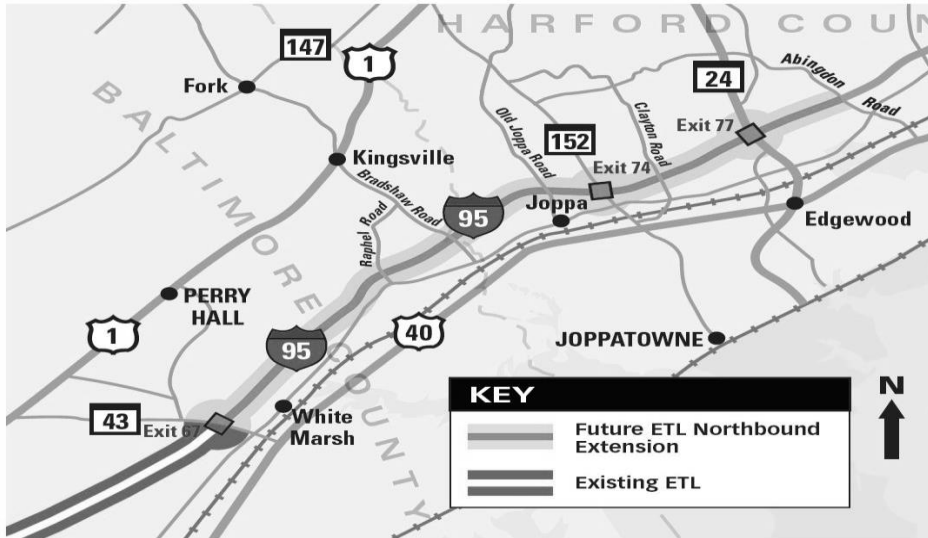
Maryland
Transportation
Authority

MDOT
MARYLAND DEPARTMENT
OF TRANSPORTATION

MARYLAND TRANSPORTATION AUTHORITY

**MARYLAND TRANSPORTATION AUTHORITY
CAPITAL PROGRAM SUMMARY
(\$ MILLIONS)**

	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>	<u>SIX - YEAR TOTAL</u>
<u>Major Construction Program</u>	460.3	439.1	315.3	134.3	61.9	22.7	1,433.6
System Preservation	166.2	242.6	137.7	28.1	10.7	3.2	588.6
Expansion/Efficiency	271.1	189.4	160.4	88.4	43.5	17.5	770.1
Environment	17.7	2.5	0.0	-	-	1.2	21.4
Administration	5.3	4.6	17.2	17.8	7.7	0.8	53.4
<u>Major Development & Evaluation Program</u>	10.9	9.3	7.5	2.8	1.9	0.2	32.5
System Preservation	1.3	1.0	2.0	2.8	1.9	0.2	9.2
Expansion/Efficiency	9.6	8.3	5.5	-	-	-	23.3
<u>Minor Program</u>	91.8	108.3	214.0	356.4	451.8	371.5	1,593.9
System Preservation	77.8	87.1	165.9	272.2	354.9	316.8	1,274.7
Expansion/Efficiency	4.9	15.7	45.9	83.7	96.5	54.7	301.4
Safety & Security	4.6	1.0	0.4	0.4	0.4	-	6.9
Environment	3.1	3.8	1.8	0.1	-	-	9.0
Administration	1.4	0.7	-	-	-	-	2.0
<u>Capital Salaries, Wages & Other Costs</u>	-	-	-	-	-	-	-
TOTAL	563.0	556.7	536.9	493.5	515.5	394.4	3,060.0
Toll Funds	563.0	556.7	536.9	493.5	515.5	394.4	3,060.0



PROJECT: I-95 John F. Kennedy Memorial Highway - Express Toll Lanes (ETL) Northern Extension

DESCRIPTION: The two-lane Express Toll Lane extension to MD 24 includes I-95 safety improvements from Cowenton Road to MD 24; the reconstruction of the MD 24 and MD 152 interchanges; the replacement of four bridges over I-95 (Bradshaw Road, Old Joppa Road, Clayton Road, and Raphael Road); the construction of five noise walls; and environmental mitigation.

PURPOSE & NEED SUMMARY STATEMENT: Traffic operations on northbound I-95 beyond the current MD 43 Express Toll Lanes terminus experience routine congestion during peak hours. The improvements will address capacity concerns, improve safety, and allow for better incident management and maintenance activities. The construction of additional noise walls will address the community's requests about quality of life.

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

- Enhance Safety and Security
- Deliver System Quality
- Serve Communities and Support the Economy
- Promote Environmental Stewardship

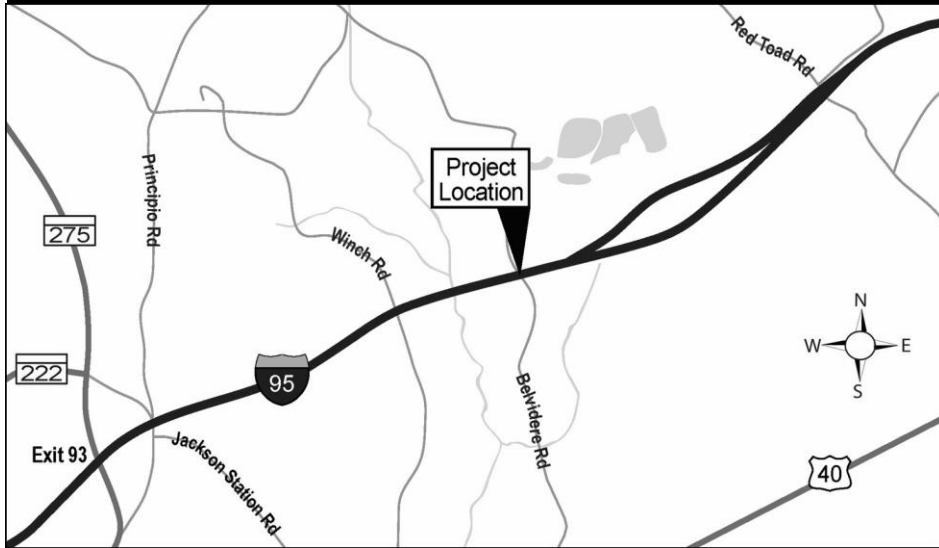
EXPLANATION: Extending the northbound Express Toll Lanes and associated improvements will provide congestion relief and address safety concerns.

- 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: Engineering and construction are underway.

POTENTIAL FUNDING SOURCE:											
	<input type="checkbox"/> SPECIAL		<input type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input checked="" type="checkbox"/> OTHER				
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PLANNING				SIX YEAR	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				YEAR 2023	YEAR 2024	YEAR 2025	FOR PLANNING PURPOSES ONLY		
						...2026...	...2027...	...2028...	...2029...	TOTAL	
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	94,591	83,290	7,743	7,927	2,170	1,204	0	0	0	11,301	0
Right-of-way	9,183	7,313	(2)	1,870	0	0	0	0	0	1,870	0
Utility	10,915	198	0	10,717	0	0	0	0	0	10,717	0
Construction	935,614	342,659	179,211	191,163	146,197	112,691	81,521	42,739	18,645	592,956	0
Total	1,050,304	433,460	186,952	211,677	148,367	113,895	81,521	42,739	18,645	616,844	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
TOLL	1,050,304	433,460	186,952	211,677	148,367	113,895	81,521	42,739	18,645	616,844	0
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Cost decreased by \$20.0 million to reflect actual bid prices.



PROJECT: I-95 John F. Kennedy Memorial Highway - Construct Interchange at Belvidere Road

DESCRIPTION: The project will construct a new interchange between I-95 John F. Kennedy Memorial Highway and Belvidere Road, including constructing a new bridge over I-95.

PURPOSE & NEED SUMMARY STATEMENT: Increased development in the vicinity of Belvidere Road in Cecil County necessitates an interchange at I-95 (JFK Highway) and Belvidere Road. The project cost will be shared with Stewart Properties contributing \$8.8 million for right-of-way, Cecil County contributing \$1 million for construction, and MDTA providing \$46.7 million, with the balance of \$20 million from a Federal BUILD Grant. The BUILD Grant was awarded in December 2018. At the time of the grant application in 2018, the project was estimated at \$54 million; however, the cost shown on this page reflects the low bid received from the selected Design-Build team.

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

- Enhance Safety and Security
- Deliver System Quality
- Serve Communities and Support the Economy
- Promote Environmental Stewardship

EXPLANATION: This project will support development by providing access to I-95 at Belvidere Road.

- 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: Planning and engineering are complete. Construction is underway.

POTENTIAL FUNDING SOURCE: <input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER											
PHASE	TOTAL					PLANNING				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2023	CURRENT YEAR 2024	BUDGET YEAR 2025	FOR PLANNING PURPOSES ONLY					
						...2026...	...2027...	...2028...	...2029...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	6,638	6,432	355	207	0	0	0	0	0	207	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utility	0	0	0	0	0	0	0	0	0	0	0
Construction	74,891	12,123	6,897	29,313	24,492	8,963	0	0	0	62,767	0
Total	81,529	18,555	7,252	29,519	24,492	8,963	0	0	0	62,974	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
TOLL	81,529	18,555	7,252	29,519	24,492	8,963	0	0	0	62,974	0
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: None.



PROJECT: I-95 John F. Kennedy Memorial Highway - Structural Rehabilitation of the Millard E. Tydings Memorial Bridge

DESCRIPTION: Perform structural rehabilitation at the Tydings Bridge on I-95 over the Susquehanna River including retrofitting ten wind shear devices and miscellaneous steel repairs as needed.

PURPOSE & NEED SUMMARY STATEMENT: Annual inspections revealed the need to retrofit the wind shear devices and to perform miscellaneous steel repairs.

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

- Enhance Safety and Security
- Deliver System Quality
- Serve Communities and Support the Economy
- Promote Environmental Stewardship

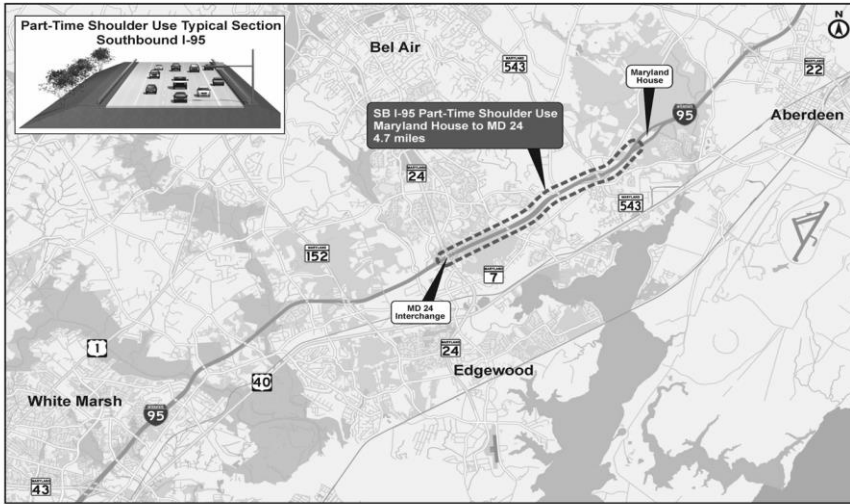
- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

EXPLANATION: This project addresses existing wear and extends the useful life of steel bridge components.

STATUS: Open to service.

POTENTIAL FUNDING SOURCE:												
<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER												
PHASE	TOTAL					PLANNING					SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2023	CURRENT YEAR 2024	BUDGET YEAR 2025	FOR PLANNING PURPOSES ONLY						
						...2026...	...2027...	...2028...	...2029...			
Planning	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	670	670	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0	0
Utility	0	0	0	0	0	0	0	0	0	0	0	0
Construction	11,392	11,284	3,304	108	0	0	0	0	0	0	108	0
Total	12,062	11,954	3,304	108	0	0	0	0	0	0	108	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0	0
TOLL	12,062	11,954	3,304	108	0	0	0	0	0	0	108	0
Other	0	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Cost increased by \$1.1 million for extra work added that was found to be needed during yearly inspections.



PROJECT: I-95 John F. Kennedy Memorial Highway - I-95 Southbound Hard Shoulder Running

DESCRIPTION: This project will provide part-time left shoulder use for approximately 5.4 miles on I-95 southbound from Maryland House to MD 24 in Harford County. It involves restriping I-95 and repaving the left shoulder lane to accommodate part-time left shoulder use. Installation of Intelligent Transportation System (ITS) devices to dynamically open and close the left shoulder lane based on traffic conditions is included.

PURPOSE & NEED SUMMARY STATEMENT: This project will increase capacity along southbound I-95 between Maryland House and MD 24 and reduce congestion during high traffic volumes.

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

- Enhance Safety and Security
- Deliver System Quality
- Serve Communities and Support the Economy
- Promote Environmental Stewardship

- 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

EXPLANATION: I-95 southbound from Maryland House to MD 24 sometimes experiences congestion. This project will increase capacity in the area.

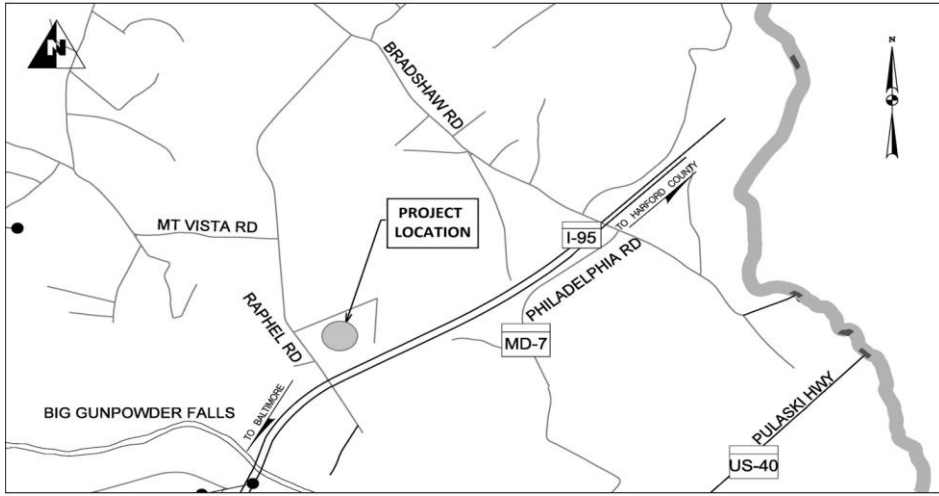
STATUS: Engineering is underway.

POTENTIAL FUNDING SOURCE:

- SPECIAL
- FEDERAL
- GENERAL
- OTHER

PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PLANNING				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST	EXPENDED THRU				FOR PLANNING PURPOSES ONLY					
	(\$000)	CLOSE YEAR				2023	2024	2025	...2026...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	3,060	1,984	1,174	1,076	0	0	0	0	0	1,076	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utility	0	0	0	0	0	0	0	0	0	0	0
Construction	32,300	0	0	0	2,248	22,478	6,837	738	0	32,300	0
Total	35,360	1,984	1,174	1,076	2,248	22,478	6,837	738	0	33,376	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
TOLL	35,360	1,984	1,174	1,076	2,248	22,478	6,837	738	0	33,376	0
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: None.



PROJECT: I-95 John F. Kennedy Memorial Highway - JFK Maintenance Facility Complex

DESCRIPTION: The complex will include a new Maintenance Building to support office space, common areas, locker/rest rooms, automotive shop/bays, material storage, wash bay, Salt Storage Barns, Fueling Island, Debris Dewatering pad, and Vehicle Storage Structures. Site improvements shall include grading, pavement, drainage, utilities, storm water management, lighting, security, fencing, and landscaping.

PURPOSE & NEED SUMMARY STATEMENT: The JFK thruway and approach roadways require continuous maintenance and safety activities to maintain the JFK highway and Hatem bridge in the highest serviceable condition for safe passage of MDTA customers. The JFK Maintenance Facility Complex will provide work areas for the staff and vehicle safety inspections and full service repair shop bays and parts storage.

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

- Enhance Safety and Security
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- 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

EXPLANATION: The Maintenance Building will support an environment safe for MDTA employees to perform their work duties and protection for the equipment used by operations staff.

STATUS: Engineering is underway. Construction will begin in FY 2025.

POTENTIAL FUNDING SOURCE:											
<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER											
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PLANNING				SIX YEAR	BALANCE TO
	ESTIMATED COST	EXPENDED THRU				FOR PLANNING PURPOSES ONLY					
	(\$000)	CLOSE YEAR	2023	2024	2025	...2026...	...2027...	...2028...	...2029...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	3,425	2,194	1,418	1,195	36	0	0	0	0	1,231	0
Right-of-way	4,000	0	0	4,000	0	0	0	0	0	4,000	0
Utility	0	0	0	0	0	0	0	0	0	0	0
Construction	38,512	0	0	0	4,594	16,092	13,173	4,653	0	38,512	0
Total	45,937	2,194	1,418	5,195	4,630	16,092	13,173	4,653	0	43,743	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
TOLL	45,937	2,194	1,418	5,195	4,630	16,092	13,173	4,653	0	43,743	0
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Added to the Construction Program.



PROJECT: I-95 Fort McHenry Tunnel - Rehabilitate Vent Fans

DESCRIPTION: Rehabilitate forty-eight ventilation fans in the Fort McHenry Tunnel East and West Ventilation Buildings.

PURPOSE & NEED SUMMARY STATEMENT: The ventilation system is an integral part of the Fort McHenry Tunnel. Rehabilitating the fans and their components will improve the operational reliability of the existing fans and extend the service life of the ventilation system in the tunnel.

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

- Enhance Safety and Security
- Deliver System Quality
- Serve Communities and Support the Economy
- Promote Environmental Stewardship

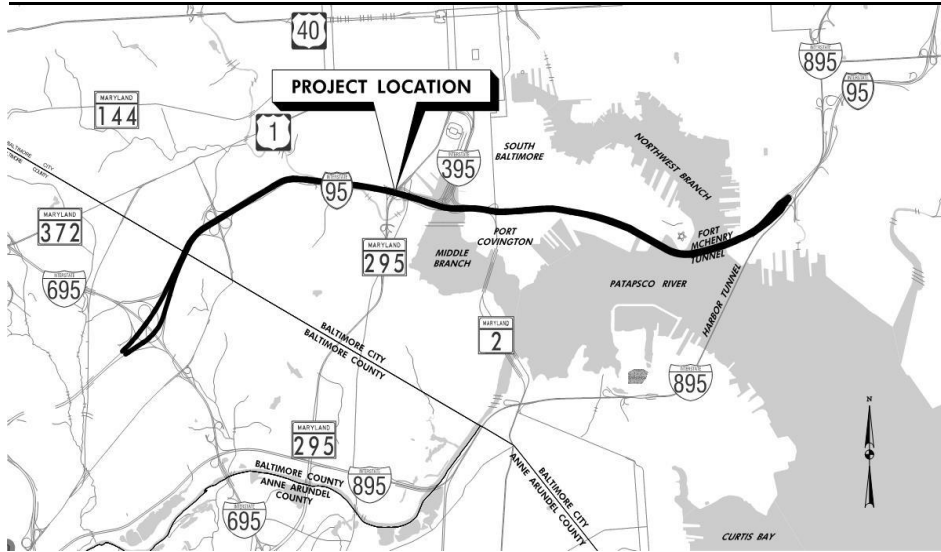
- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

EXPLANATION: Rehabilitating the fans will extend the useful life of the existing ventilation system.

STATUS: Engineering and construction are underway.

POTENTIAL FUNDING SOURCE:											
	<input type="checkbox"/> SPECIAL		<input type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input checked="" type="checkbox"/> OTHER				
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PLANNING				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST	EXPENDED THRU				FOR PLANNING PURPOSES ONLY					
	(\$000)	CLOSE YEAR				...2026...	...2027...	...2028...	...2029...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	3,149	2,861	525	288	0	0	0	0	0	288	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utility	0	0	0	0	0	0	0	0	0	0	0
Construction	41,546	38,105	15,400	3,441	0	0	0	0	0	3,441	0
Total	44,695	40,966	15,926	3,729	0	0	0	0	0	3,729	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
TOLL	44,695	40,966	15,926	3,729	0	0	0	0	0	3,729	0
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: None.



PROJECT: I-95 Fort McHenry Tunnel - Port Covington I-95 Access Study

DESCRIPTION: The first phase of this project is a comprehensive evaluation of potential improvements to I-95 ramps required to support major planned development on the Port Covington Peninsula located in Baltimore City. Improvements being evaluated include potential changes to the I-95 ramps between Hanover Street and Key Highway.

PURPOSE & NEED SUMMARY STATEMENT: A National Environmental Policy Act (NEPA) study is required to determine the potential environmental effects associated with proposed improvements to accommodate anticipated growth while maintaining the functionality of the regional and local transportation system.

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

- Enhance Safety and Security
- Deliver System Quality
- Serve Communities and Support the Economy
- Promote Environmental Stewardship

- 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

EXPLANATION: The study will identify preferred infrastructure improvements to support the full development potential of a large area of underutilized land in Baltimore City while maintaining the functionality of the regional transportation system.

STATUS: Planning is underway. Construction schedule to be determined. Planning funding shown is for MDTA's oversight of the planning phase which is being funded by a private developer. Construction funding shown is MDTA's match for future INFRA Grant.

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: None.

POTENTIAL FUNDING SOURCE: <input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER												
PHASE	TOTAL					PLANNING					SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2023	CURRENT YEAR 2024	BUDGET YEAR 2025	FOR PLANNING PURPOSES ONLY						
						...2026...	...2027...	...2028...	...2029...			
Planning	409	389	0	5	0	0	0	0	0	5	15	
Engineering	6	6	0	0	0	0	0	0	0	0	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	0	
Utility	0	0	0	0	0	0	0	0	0	0	0	
Construction	32,985	0	0	0	0	0	0	0	0	0	32,985	
Total	33,400	395	0	5	0	0	0	0	0	5	33,000	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0	
TOLL	33,400	395	0	5	0	0	0	0	0	5	33,000	
Other	0	0	0	0	0	0	0	0	0	0	0	



PROJECT: I-95 Fort McHenry Tunnel - Rehabilitate Substructure and Superstructure of Various Bridges on I-95 in Baltimore City

DESCRIPTION: Repair substructure and superstructure of seventy-four bridges on I-95 in Baltimore City. The work includes structural weld repairs, structural steel repairs, roadway joint repairs, concrete repairs, and application of protective coatings on seventy-four bridges. Originally only Phase 1 was funded. Funding for Phase 2 is now added. Each phase includes thirty-seven bridges.

PURPOSE & NEED SUMMARY STATEMENT: The annual facility inspection, as well as findings and issues noted by MDTA Operations, have identified the need to perform a comprehensive substructure and superstructure rehabilitation.

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

- Enhance Safety and Security
- Deliver System Quality
- Serve Communities and Support the Economy
- Promote Environmental Stewardship

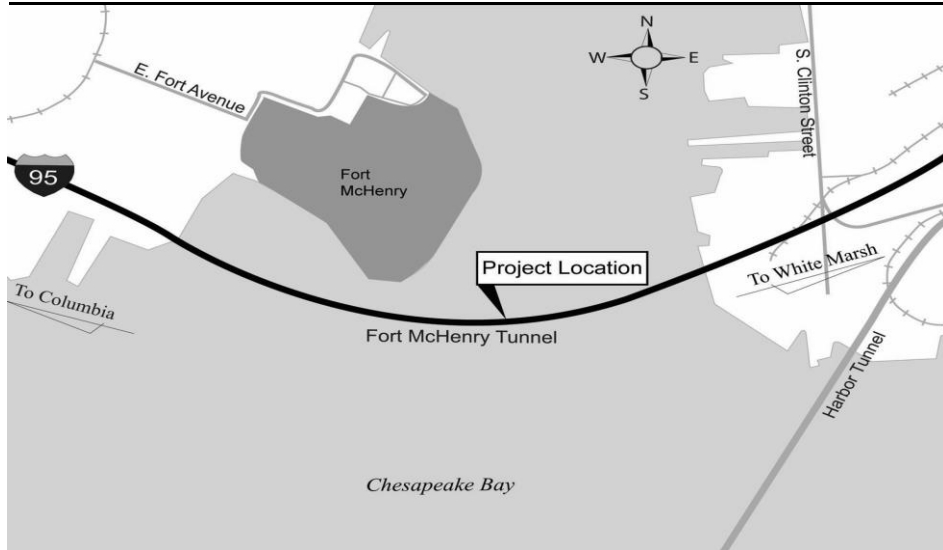
- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

EXPLANATION: The bridges show signs of wear. Rehabilitation is needed to correct current wear and prevent further wear of the substructure and superstructure.

STATUS: Engineering is complete. Construction is underway.

POTENTIAL FUNDING SOURCE:											
	<input type="checkbox"/> SPECIAL		<input type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input checked="" type="checkbox"/> OTHER				
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PLANNING				SIX YEAR	BALANCE TO
	ESTIMATED COST	EXPENDED THRU				FOR PLANNING PURPOSES ONLY					
	(\$000)	CLOSE YEAR	2023	2024	2025	...2026...	...2027...	...2028...	...2029...	TOTAL	
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	4,885	4,885	129	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utility	0	0	0	0	0	0	0	0	0	0	0
Construction	22,441	13,990	5,126	4,659	3,584	208	0	0	0	8,451	0
Total	27,326	18,875	5,255	4,659	3,584	208	0	0	0	8,451	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
TOLL	27,326	18,875	5,255	4,659	3,584	208	0	0	0	8,451	0
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: None.



PROJECT: I-95 Fort McHenry Tunnel - Rehabilitate Tunnel 15 KV Cable, Conduit, and Concrete Wall

DESCRIPTION: The scope of this project includes performing concrete repairs to the underside of the roadway slab and walls inside the fresh air ducts of all four bores of the Fort McHenry Tunnel. In addition, replacement of the existing four (4) 15KV tie feeders, with associated cables and conduits, between the East and West Ventilation Buildings.

PURPOSE & NEED SUMMARY STATEMENT: Recent hands on inspection reports have identified the original 15KV cable and conduits including the concrete around it need major rehabilitation and replacement.

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

- Enhance Safety and Security
- Deliver System Quality
- Serve Communities and Support the Economy
- Promote Environmental Stewardship

EXPLANATION: Rehabilitate 15KV cable, conduit and concrete wall to increase the useful life of these tunnel components.

- 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: Engineering is complete. Construction is underway.

POTENTIAL FUNDING SOURCE: <input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER												
PHASE	TOTAL					PLANNING					SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2023	CURRENT YEAR 2024	BUDGET YEAR 2025	FOR PLANNING PURPOSES ONLY						
						...2026...	...2027...	...2028...	...2029...			
Planning	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	476	476	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0	0
Utility	0	0	0	0	0	0	0	0	0	0	0	0
Construction	32,808	10,017	5,406	5,772	11,500	5,518	0	0	0	22,790	0	0
Total	33,284	10,493	5,406	5,772	11,500	5,518	0	0	0	22,790	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0	0
TOLL	33,284	10,493	5,406	5,772	11,500	5,518	0	0	0	22,790	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: None.



PROJECT: I-95 Fort McHenry Tunnel - Superstructure Repairs of Various Bridges North and South of Fort McHenry Tunnel

DESCRIPTION: The scope of work includes various repairs to 19 bridges and includes installing fatigue retrofits for steel box girder diaphragms, drainage system repairs and miscellaneous repairs.

PURPOSE & NEED SUMMARY STATEMENT: Recent facility inspections and rehabilitation contracts for structural painting and repair, and joint replacements revealed a need for a comprehensive design and retrofit program to correct fatigue-related defects in the box girders and traditional steel girders and reconfiguration of the drainage system.

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

- Enhance Safety and Security
- Deliver System Quality
- Serve Communities and Support the Economy
- Promote Environmental Stewardship

- 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

EXPLANATION: This project will repair defects to extend the useful life of the bridges.

STATUS: Open to service.

POTENTIAL FUNDING SOURCE:												
	<input type="checkbox"/> SPECIAL			<input type="checkbox"/> FEDERAL			<input type="checkbox"/> GENERAL			<input checked="" type="checkbox"/> OTHER		
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PLANNING				SIX YEAR	BALANCE TO	
	ESTIMATED COST	EXPENDED THRU				FOR PLANNING PURPOSES ONLY						TOTAL
	(\$000)	CLOSE YEAR	2023	2024	2025	...2026...	...2027...	...2028...	...2029...			
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	861	861	0	0	0	0	0	0	0	0	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	0	
Utility	0	0	0	0	0	0	0	0	0	0	0	
Construction	6,730	6,705	1,938	25	0	0	0	0	0	25	0	
Total	7,591	7,566	1,938	25	0	0	0	0	0	25	0	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0	
TOLL	7,591	7,566	1,938	25	0	0	0	0	0	25	0	
Other	0	0	0	0	0	0	0	0	0	0	0	

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: None.



PROJECT: I-95 Fort McHenry Tunnel - Convert to Cashless Tolling

DESCRIPTION: Remove the existing toll booths and plaza elements, construct gantry structures, and reconstruct the plaza roadway to convert to cashless tolling; construct underground infrastructure, utilities, stormwater management, signing and marking, and commercial inspection area.

PURPOSE & NEED SUMMARY STATEMENT: Cashless tolling provides toll collection at highway speeds through the electronic methods of E-ZPass and video tolling. The advantages of converting to cashless tolling include reduced travel time; increased safety/reduced crashes; alignment with national practice; improved customer convenience; reduced emissions; and reduction in toll collection and maintenance costs. Cashless tolling has been used successfully at the MDTA's MD 200 Intercounty Connector (ICC) and the I-95 Express Toll Lanes (ETL).

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

- Enhance Safety and Security
- Deliver System Quality
- Serve Communities and Support the Economy
- Promote Environmental Stewardship

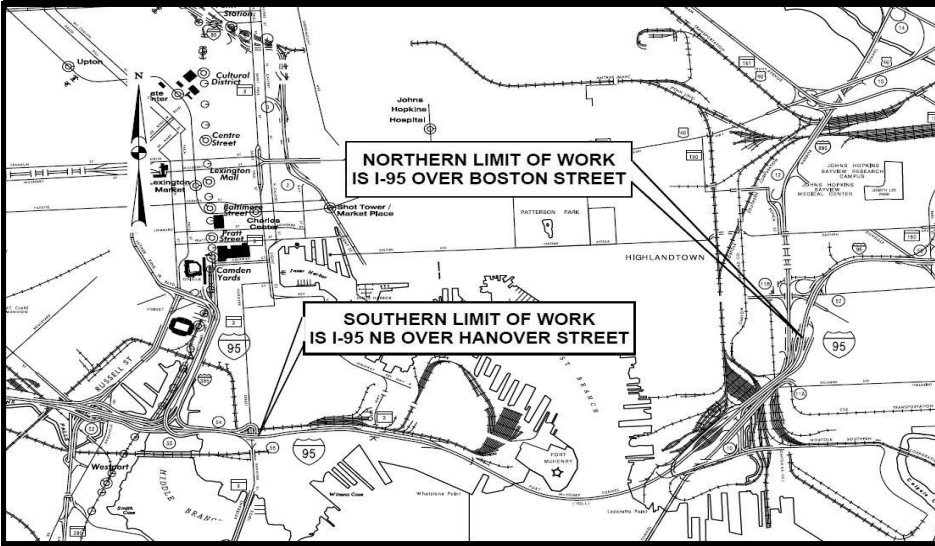
- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

EXPLANATION: Changing to cashless tolling at the Fort McHenry Tunnel provides toll collection at highway speeds through the electronic methods of E-ZPass, Pay-By-Plate, and Video Tolling.

STATUS: Engineering is complete. Construction is underway.

POTENTIAL FUNDING SOURCE:											
<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER											
PHASE	TOTAL					PLANNING				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2023	CURRENT YEAR 2024	BUDGET YEAR 2025	FOR PLANNING PURPOSES ONLY					
						...2026...	...2027...	...2028...	...2029...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	2,542	2,542	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utility	0	0	0	0	0	0	0	0	0	0	0
Construction	20,261	11,573	7,164	7,607	1,081	0	0	0	0	8,688	0
Total	22,802	14,115	7,164	7,607	1,081	0	0	0	0	8,688	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
TOLL	22,802	14,115	7,164	7,607	1,081	0	0	0	0	8,688	0
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: None.



PROJECT: I-95 Fort McHenry Tunnel - FMT Facility-wide Zone Paint Program

DESCRIPTION: This is a system preservation project to address areas of structural steel with moderate to advanced section loss and corrosion. The project will provide zone painting to bridges in the areas of higher corrosion to prevent further deterioration.

PURPOSE & NEED SUMMARY STATEMENT: The bridge inspections revealed large areas of the structural steel with moderate to advanced section loss particular at the beam ends where there is a roadway joint.

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

- Enhance Safety and Security
- Deliver System Quality
- Serve Communities and Support the Economy
- Promote Environmental Stewardship

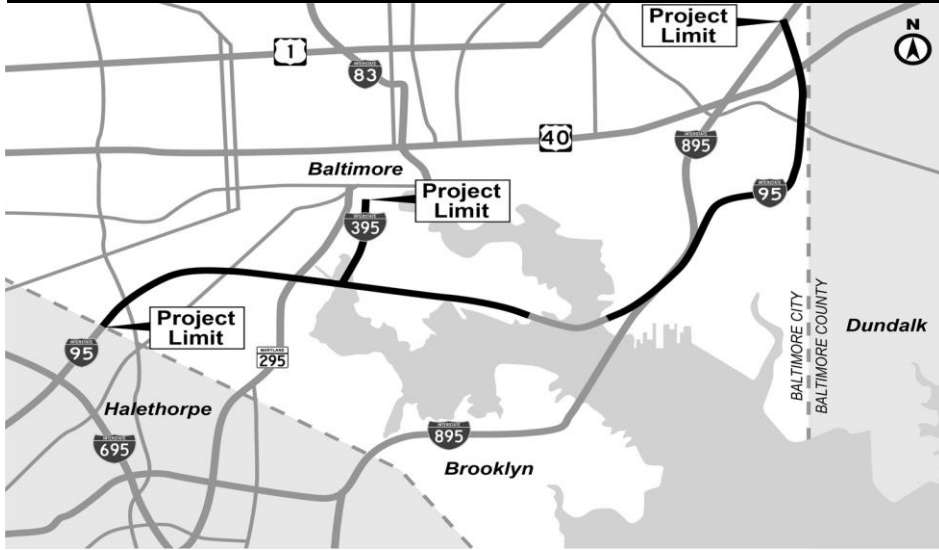
EXPLANATION: The patina protecting the steel is wearing off, therefore cleaning and painting the steel is needed to prevent further deterioration.

- 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: Engineering is underway. Construction will begin in FY 2024

POTENTIAL FUNDING SOURCE:		<input type="checkbox"/> SPECIAL	<input type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input checked="" type="checkbox"/> OTHER						SIX	BALANCE
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PLANNING				TOTAL YEAR	TO COMPLETE	
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				FOR PLANNING PURPOSES ONLY						
			2023	2024	2025	...2026...	...2027...	...2028...	...2029...			
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	100	98	67	2	0	0	0	0	0	2	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	0	
Utility	0	0	0	0	0	0	0	0	0	0	0	
Construction	28,270	0	0	6,722	6,323	6,120	2,105	7,000	0	28,270	0	
Total	28,370	98	67	6,724	6,323	6,120	2,105	7,000	0	28,272	0	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0	
TOLL	28,370	98	67	6,724	6,323	6,120	2,105	7,000	0	28,272	0	
Other	0	0	0	0	0	0	0	0	0	0	0	

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Added to the Construction Program.



PROJECT: I-95 Fort McHenry Tunnel - Rehabilitate FMT Area-Wide Lighting

DESCRIPTION: Rehabilitate the Fort McHenry Tunnel area-wide lighting.

PURPOSE & NEED SUMMARY STATEMENT: This project will upgrade and bring assets back into operation including lighting, electrical and communication feeds, parapet cables and circuits, lighting vaults and cabinets, junction box covers, and conduit throughout.

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

- Enhance Safety and Security
- Deliver System Quality
- Serve Communities and Support the Economy
- Promote Environmental Stewardship

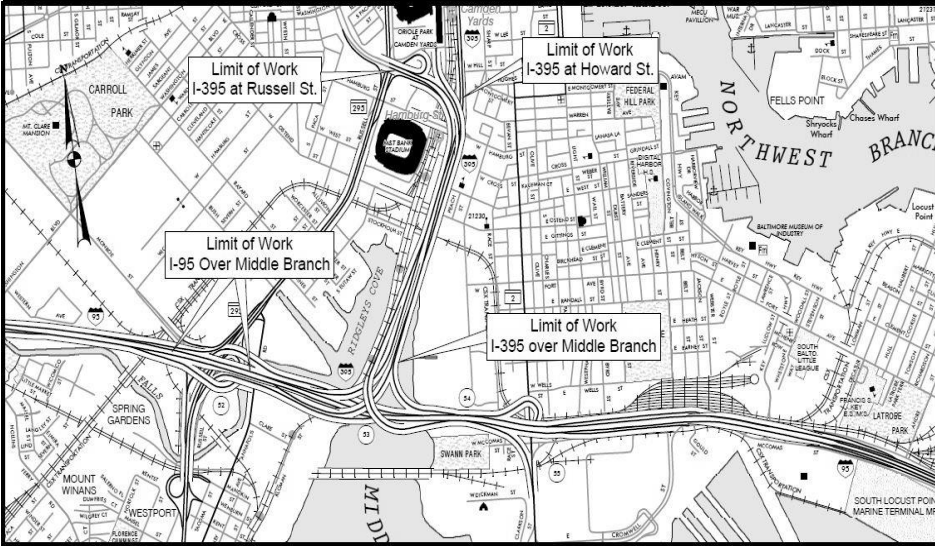
EXPLANATION: Rehabilitation is needed because otherwise the asset lifecycle will end and need to be replaced.

- 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: Engineering is underway. Construction is scheduled to begin in Summer 2024.

POTENTIAL FUNDING SOURCE:											
<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER											
PHASE	TOTAL					PLANNING				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2023	CURRENT YEAR 2024	BUDGET YEAR 2025	FOR PLANNING PURPOSES ONLY					
						...2026...	...2027...	...2028...	...2029...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	542	467	160	75	0	0	0	0	0	75	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utility	0	0	0	0	0	0	0	0	0	0	0
Construction	11,500	0	0	782	4,458	4,434	1,826	0	0	11,500	0
Total	12,042	467	160	857	4,458	4,434	1,826	0	0	11,575	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
TOLL	12,042	467	160	857	4,458	4,434	1,826	0	0	11,575	0
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Added to the Construction Program.



PROJECT: I-95 Fort McHenry Tunnel - FMT Box Girder Preservation

DESCRIPTION: Clean, paint, and repair deteriorated portions of the FMT box girders, especially the supporting girder ends. Multiple bridges on the FMT facility are supported by hollow girders rectangular or "box" in cross section rather than normal "I" shaped girders. These box girders span multiple support piers spaced along their lengths. The work in this project is to abrasive blast (clean) and paint the areas of steel that are rusted inside and outside the girders.

PURPOSE & NEED SUMMARY STATEMENT: The purpose of this project is to remove rust and associated steel deterioration from steel in areas of the FMT "Box" girders by cleaning and painting the rusted areas that were discovered during biennial inspection to preserve the useful life of these girders.

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

- Enhance Safety and Security
- Deliver System Quality
- Serve Communities and Support the Economy
- Promote Environmental Stewardship

- 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

EXPLANATION: Cleaning and painting the box girders will preserve and extend their useful life.

STATUS: Engineering is underway. Construction will begin in FY 2025.

POTENTIAL FUNDING SOURCE:											
	<input type="checkbox"/> SPECIAL		<input type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input checked="" type="checkbox"/> OTHER				
PHASE	TOTAL					PLANNING				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2023	CURRENT YEAR 2024	BUDGET YEAR 2025	FOR PLANNING PURPOSES ONLY					
						...2026...	...2027...	...2028...	...2029...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	500	147	147	353	0	0	0	0	0	353	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utility	0	0	0	0	0	0	0	0	0	0	0
Construction	9,996	0	0	0	2,829	4,368	2,369	430	0	9,996	0
Total	10,496	147	147	353	2,829	4,368	2,369	430	0	10,349	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
TOLL	10,496	147	147	353	2,829	4,368	2,369	430	0	10,349	0
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Added to the Construction Program.



PROJECT: MD 695 Francis Scott Key Bridge - Subgrade Improvements at Bear Creek

DESCRIPTION: This project will rehabilitate the subgrade and pavement systems of the MD 695 roadway in the Bear Creek vicinity.

PURPOSE & NEED SUMMARY STATEMENT: The purpose of the project is to repair and rehabilitate the subgrade and pavement of MD 695 near Bear Creek and perform backwall repairs of adjacent bridges. The need for repairs and rehabilitation are based on studies that revealed settlement and deterioration in this area. The expected increase in truck volumes due to the ongoing development and expansion of Tradepoint Atlantic confirms the need for the rehabilitation at this time.

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

- Enhance Safety and Security
- Deliver System Quality
- Serve Communities and Support the Economy
- Promote Environmental Stewardship

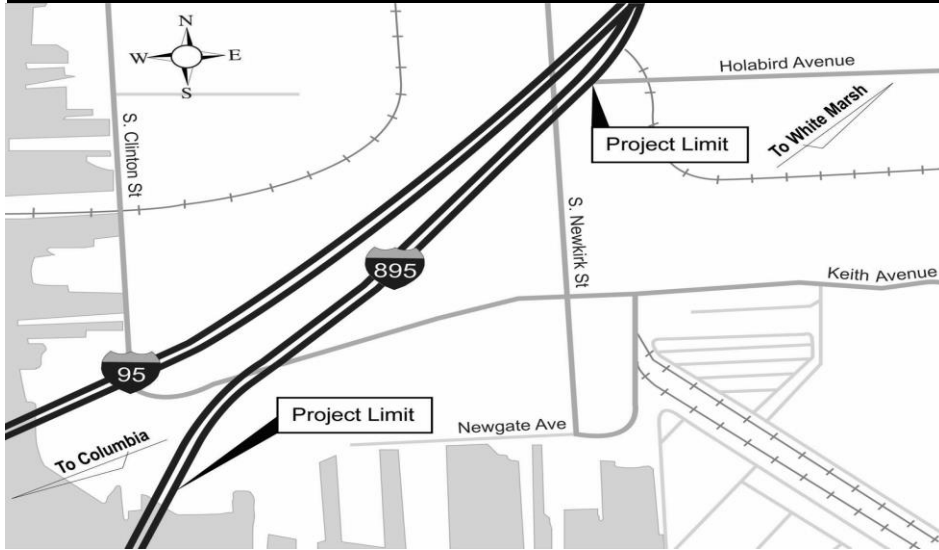
EXPLANATION: The rehabilitation and repairs of the roadway and bridge abutments will provide a safer and smoother ride.

- 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: Engineering and construction are underway.

POTENTIAL FUNDING SOURCE:											
	<input type="checkbox"/> SPECIAL		<input type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input checked="" type="checkbox"/> OTHER				
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PLANNING				SIX YEAR	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				FOR PLANNING PURPOSES ONLY					
			2023	2024	2025	...2026...	...2027...	...2028...	...2029...	TOTAL	
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	3,791	3,616	537	110	66	0	0	0	0	175	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utility	0	0	0	0	0	0	0	0	0	0	0
Construction	45,000	0	0	13,811	29,468	1,721	0	0	0	45,000	0
Total	48,791	3,616	537	13,921	29,534	1,721	0	0	0	45,175	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
TOLL	48,791	3,616	537	13,921	29,534	1,721	0	0	0	45,175	0
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Cost decreased by \$12.8 million due to a scope change.



PROJECT: I-895 Baltimore Harbor Tunnel Thruway - I-895 Bridge Replacement

DESCRIPTION: Replace the elevated portion of the I-895 roadway from the north portal entrance to Holabird Avenue. The rehabilitation of the tunnel deck, liner, and standpipe and sump pump systems have been added to this project. Note: This project was previously named "Replace Canton Viaduct."

PURPOSE & NEED SUMMARY STATEMENT: The bridge deck on this structure has not been renovated since 1985. Testing has indicated that portions of the bridge are nearing the end of their life cycle. The bridge deck, substructure, and superstructure are experiencing various degrees of wear. Additional work within the tunnel has been added to the project.

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

- Enhance Safety and Security
- Deliver System Quality
- Serve Communities and Support the Economy
- Promote Environmental Stewardship

EXPLANATION: The elevated portion of the roadway from the north portal entrance to Holabird Avenue will be replaced because it is nearing the end of its life cycle. Rehabilitation of the tunnel deck, liner, standpipes and sump pumps will extend the useful life of those components.

- 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.

POTENTIAL FUNDING SOURCE:												
<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER												
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PLANNING				SIX YEAR	BALANCE TO COMPLETE	
	ESTIMATED COST	EXPENDED THRU				FOR PLANNING PURPOSES ONLY						
	(\$000)	CLOSE YEAR	2023	2024	2025	...2026...	...2027...	...2028...	...2029...	TOTAL		
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	24,234	24,234	0	0	0	0	0	0	0	0	0	
Right-of-way	2,165	2,066	0	98	0	0	0	0	0	98	0	
Utility	0	0	0	0	0	0	0	0	0	0	0	
Construction	213,014	211,738	342	1,276	0	0	0	0	0	1,276	0	
Total	239,413	238,038	342	1,375	0	0	0	0	0	1,375	0	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0	
TOLL	239,413	238,038	342	1,375	0	0	0	0	0	1,375	0	
Other	0	0	0	0	0	0	0	0	0	0	0	

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Cost decreased by \$1.7 million due to revised projections as project nears completion.



PROJECT: I-895 Baltimore Harbor Tunnel Thruway - Envelope and Switchgear Replacements at Vent Buildings

DESCRIPTION: Replace building facade, louvers, doors, roofing, elevators and fire pumps along with switchgear/MCC line-ups, transformers, switchboards, SCADA system integration and associated feeder cables at the Baltimore Harbor Tunnel Vent Buildings, Fairfield and Canton Sites.

PURPOSE & NEED SUMMARY STATEMENT: The existing facade is failing and the existing louvers provide no protection of the building interiors and equipment from rain and snow. The switchgear is original to the facility and has reached the end of its useful life.

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

- Enhance Safety and Security
- Deliver System Quality
- Serve Communities and Support the Economy
- Promote Environmental Stewardship

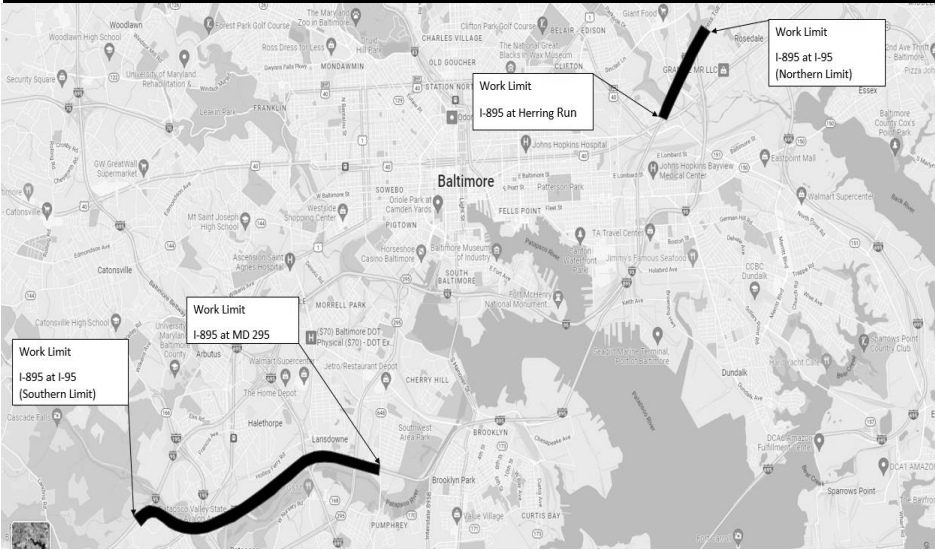
EXPLANATION: Replacing the facade will extend the useful life of the Baltimore Harbor Tunnel Vent Buildings and provide protection for the equipment housed therein. Replacing the switchgear and associated apparatus will provide reliable system and power control.

- 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: Engineering and right-of-way acquisition are complete. Construction is underway.

POTENTIAL FUNDING SOURCE: <input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER											
PHASE	TOTAL					PLANNING				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR	PREVIOUS YEAR 2023	CURRENT YEAR 2024	BUDGET YEAR 2025	FOR PLANNING PURPOSES ONLY					
						...2026...	...2027...	...2028...	...2029...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	4,148	4,148	45	0	0	0	0	0	0	0	0
Right-of-way	466	466	0	0	0	0	0	0	0	0	0
Utility	0	0	0	0	0	0	0	0	0	0	0
Construction	76,061	3,274	3,190	15,987	20,026	21,544	15,230	0	0	72,787	0
Total	80,675	7,888	3,235	15,987	20,026	21,544	15,230	0	0	72,787	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
TOLL	80,675	7,888	3,235	15,987	20,026	21,544	15,230	0	0	72,787	0
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: None.



PROJECT: I-895 Baltimore Harbor Tunnel Thruway - Resurfacing North and South of the Baltimore Harbor Tunnel

DESCRIPTION: Resurfacing I-895 north and south of Baltimore Harbor Tunnel. The limits of the project are I-895 from the southern junction of I-95 to just north of MD 295 (at the south end of the project) and I-895 from just south of Herring Run to the northern junction of I-95 (northern end of the project).

PURPOSE & NEED SUMMARY STATEMENT: This project will perform the required life-cycle pavement resurfacing and rehabilitation along I-895 in order to ensure that the pavement remains in acceptable condition.

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

- Enhance Safety and Security
- Deliver System Quality
- Serve Communities and Support the Economy
- Promote Environmental Stewardship

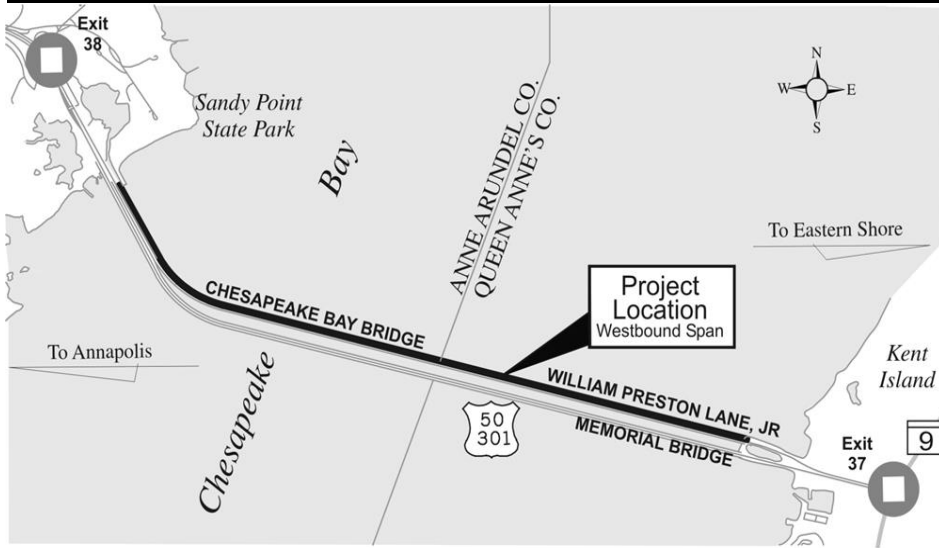
- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

EXPLANATION: The I-895 roadway was in need of resurfacing in order to extend the useful life of the highway.

STATUS: Engineering is underway. Construction will begin in FY 2024.

POTENTIAL FUNDING SOURCE:											
	<input type="checkbox"/> SPECIAL			<input type="checkbox"/> FEDERAL			<input type="checkbox"/> GENERAL			<input checked="" type="checkbox"/> OTHER	
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PLANNING				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				FOR PLANNING PURPOSES ONLY					
			2023	2024	2025	...2026...	...2027...	...2028...	...2029...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	540	520	204	20	0	0	0	0	0	20	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utility	0	0	0	0	0	0	0	0	0	0	0
Construction	13,063	0	0	3,579	7,224	2,260	0	0	0	13,063	0
Total	13,603	520	204	3,599	7,224	2,260	0	0	0	13,083	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
TOLL	13,603	520	204	3,599	7,224	2,260	0	0	0	13,083	0
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: None.



PROJECT: US 50/301 Bay Bridge - Deck Rehabilitation and Miscellaneous Modifications

DESCRIPTION: Deck rehabilitation of the westbound span of the Bay Bridge includes resurfacing Lane 1 with Latex Modified Concrete (LMC) with the exception of the areas where the deck was already replaced, rehabilitating Lanes 2 and 3 by overlaying with LMC, and patching and sealing the remaining areas where needed. This project also includes replacing the lane use signal gantries (LUSG) mounted on the westbound span which is all the bridge-mounted LUSG with the exception of those mounted on the through truss and suspension towers.

PURPOSE & NEED SUMMARY STATEMENT: Inspection of the deck surface revealed the need for rehabilitation including overlays and sealing to extend the service life of the deck.

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

- Enhance Safety and Security
- Deliver System Quality
- Serve Communities and Support the Economy
- Promote Environmental Stewardship

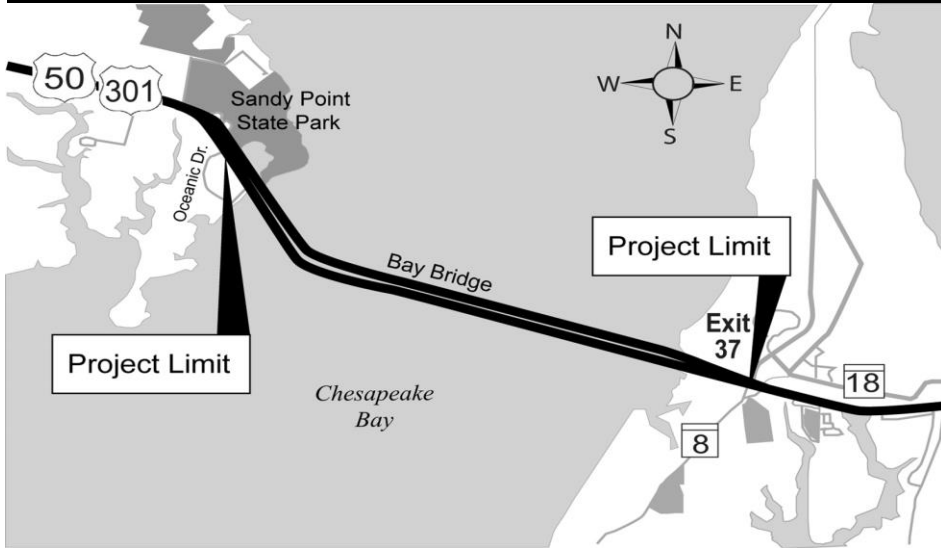
EXPLANATION: Rehabilitation of the westbound span of the Bay Bridge will improve riding conditions and extend the useful life of the deck.

- 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.

POTENTIAL FUNDING SOURCE:												
<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER												
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PLANNING				SIX YEAR TOTAL	BALANCE TO COMPLETE	
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				FOR PLANNING PURPOSES ONLY						
			2023	2024	2025	...2026...	...2027...	...2028...	...2029...			
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	2,654	2,654	0	0	0	0	0	0	0	0	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	0	
Utility	0	0	0	0	0	0	0	0	0	0	0	
Construction	38,388	36,636	4,128	1,753	0	0	0	0	0	1,753	0	
Total	41,042	39,289	4,128	1,753	0	0	0	0	0	1,753	0	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0	
TOLL	41,042	39,289	4,128	1,753	0	0	0	0	0	1,753	0	
Other	0	0	0	0	0	0	0	0	0	0	0	

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Cost increased by \$1.1 million for Redline Revisions and additional Construction Management Inspection (CMI).



PROJECT: US 50/301 Bay Bridge - Rehabilitate Eastbound Bridge Deck

DESCRIPTION: This project provides for the rehabilitation and/or replacement of the eastbound bridge deck. The first phase of construction, deck widening and replacement of deck truss spans, is funded.

PURPOSE & NEED SUMMARY STATEMENT: The eastbound deck is exhibiting various degrees of deterioration, as it was last replaced in 1985. Industry standards indicate that the deck is nearing the end of its life cycle.

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

- Enhance Safety and Security
- Deliver System Quality
- Serve Communities and Support the Economy
- Promote Environmental Stewardship

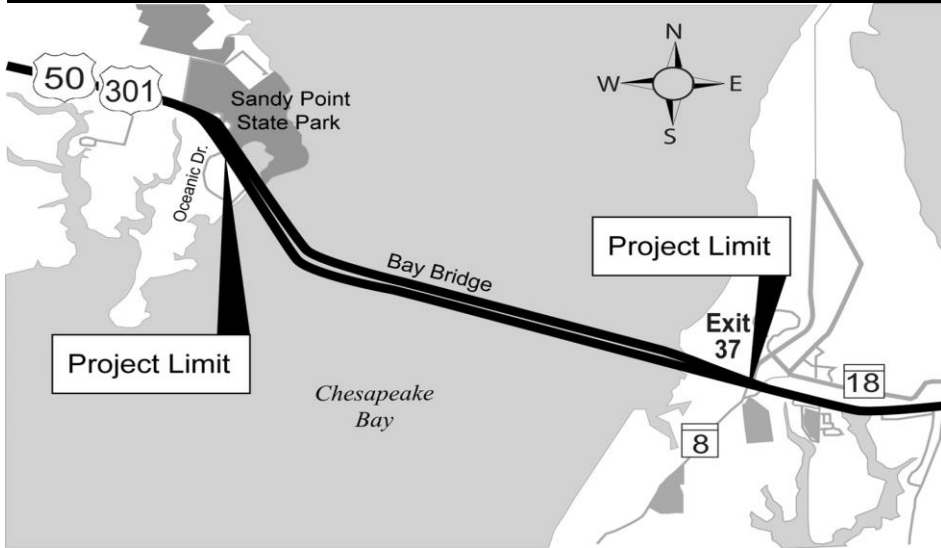
EXPLANATION: The eastbound bridge deck is exhibiting various degrees of deterioration and will be replaced or rehabilitated.

- 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: Engineering and construction are underway.

POTENTIAL FUNDING SOURCE:											
<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER											
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PLANNING				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				FOR PLANNING PURPOSES ONLY					
			2023	2024	2025	...2026...	...2027...	...2028...	...2029...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	13,000	12,114	1,114	886	0	0	0	0	0	886	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utility	0	0	0	0	0	0	0	0	0	0	0
Construction	281,629	21,020	20,318	82,721	116,175	60,938	775	0	0	260,609	0
Total	294,629	33,134	21,433	83,608	116,175	60,938	775	0	0	261,496	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
TOLL	294,629	33,134	21,433	83,608	116,175	60,938	775	0	0	261,496	0
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Cost increased by \$56.1 million for Extra Work Authorization #1 and corresponding Construction Management Inspection (CMI) , and added construction funding for Phase 2 of the Eastbound Bay Bridge Deck Replacement Project.



PROJECT: US 50/301 Bay Bridge - Replace 5KV Feeder Cable on Eastbound and Westbound Spans

DESCRIPTION: Replace 5KV feeder cable on the eastbound and westbound spans of the Bay Bridge. This project includes changes in location and design to improve reliability.

PURPOSE & NEED SUMMARY STATEMENT: Facility inspections and InterNational Electrical Testing Association (NETA) testing identified the need to replace the feeder cable and associated components.

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

- Enhance Safety and Security
- Deliver System Quality
- Serve Communities and Support the Economy
- Promote Environmental Stewardship

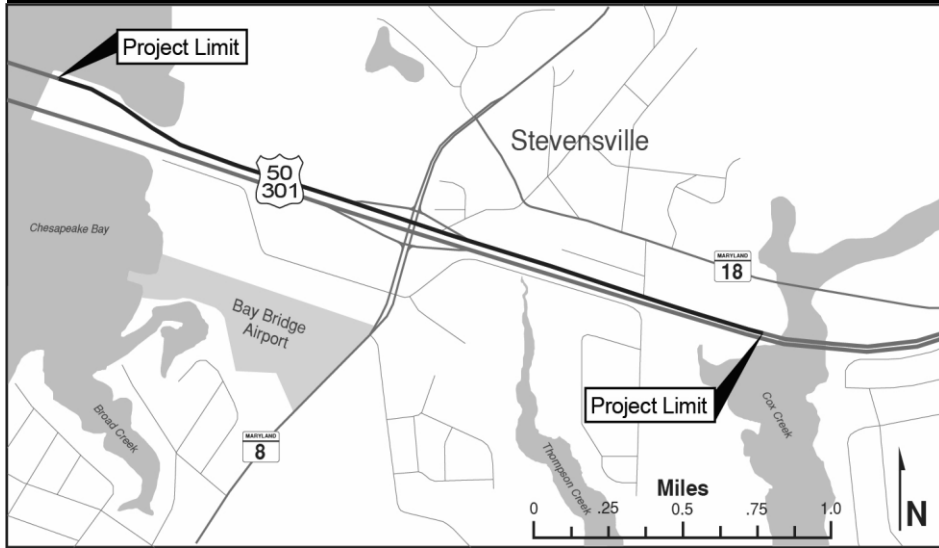
EXPLANATION: The aging cables are at the end of their useful life and need to be replaced.

- 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.

POTENTIAL FUNDING SOURCE:												
			<input type="checkbox"/> SPECIAL	<input type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input checked="" type="checkbox"/> OTHER						
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PLANNING				SIX YEAR	BALANCE TO	
	ESTIMATED COST	EXPENDED THRU				FOR PLANNING PURPOSES ONLY						TOTAL
	(\$000)	CLOSE YEAR	2023	2024	2025	...2026...	...2027...	...2028...	...2029...	YEAR	TO	
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	2,330	2,330	0	0	0	0	0	0	0	0	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	0	
Utility	0	0	0	0	0	0	0	0	0	0	0	
Construction	48,481	47,376	7,850	1,106	0	0	0	0	0	1,106	0	
Total	50,812	49,706	7,850	1,106	0	0	0	0	0	1,106	0	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0	
TOLL	50,812	49,706	7,850	1,106	0	0	0	0	0	1,106	0	
Other	0	0	0	0	0	0	0	0	0	0	0	

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: None.



PROJECT: US 50/301 Bay Bridge - Crossover Automated Lane Closure System

DESCRIPTION: The automated lane closure system includes enhanced lane use signals, gantries, pavement markings, dynamic in-pavement lights, dynamic message signs (DMS), and cameras to deploy lane closure and two-way traffic automatically.

PURPOSE & NEED SUMMARY STATEMENT: The installation of an automated lane closure system will reduce the response time and improve safety for implementing lane closure and two-way traffic operations on the bridge for incidents and construction work. The original span opened in July 1952 and provides a two-lane roadway for eastbound traffic. The parallel structure opened in June 1973 and has three lanes for westbound travelers. During periods of heavy eastbound traffic, one lane of the westbound bridge is reversed to carry eastbound travelers ("two-way" traffic operations).

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

- Enhance Safety and Security
- Deliver System Quality
- Serve Communities and Support the Economy
- Promote Environmental Stewardship

EXPLANATION: The enhancement of the lane closure and two-way traffic operations system will improve and reduce the response time on the bridge for incidents and construction work.

- 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.

POTENTIAL FUNDING SOURCE:												
	<input type="checkbox"/> SPECIAL		<input type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input checked="" type="checkbox"/> OTHER					
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PLANNING				SIX YEAR	BALANCE TO COMPLETE	
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				YEAR 2023	YEAR 2024	YEAR 2025	FOR PLANNING PURPOSES ONLY			YEAR TOTAL
						...2026...	...2027...	...2028...	...2029...			
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	1,596	1,596	0	0	0	0	0	0	0	0	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	0	
Utility	0	0	0	0	0	0	0	0	0	0	0	
Construction	19,702	19,234	2,555	469	0	0	0	0	0	469	0	
Total	21,299	20,830	2,555	469	0	0	0	0	0	469	0	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0	
TOLL	21,299	20,830	2,555	469	0	0	0	0	0	469	0	
Other	0	0	0	0	0	0	0	0	0	0	0	

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Cost increased by \$1.1 million for extra work and Construction Management Inspection (CMI).



PROJECT: US 50/301 Bay Bridge - Convert to Cashless Tolling

DESCRIPTION: Close existing openings between the tunnel beneath the plaza and the toll islands, demolish existing toll islands and plaza elements, and reconstruct US 50/301 at toll plaza to support cashless tolling; install automatic lane controls to improve western shore operational traffic shifts, construct commercial inspection areas, and make environmental management improvements.

PURPOSE & NEED SUMMARY STATEMENT: Cashless tolling provides toll collection at highway speeds through the electronic methods of E-ZPass and video tolling. The advantages of converting to cashless tolling include reduced travel time; increased safety/reduced crashes; alignment with national practice; improved customer convenience; reduced emissions; and reduction in toll collection and maintenance costs. Cashless tolling has been used successfully at the MDTA's MD 200 Intercounty Connector (ICC) and the I-95 Express Toll Lanes (ETL).

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

- Enhance Safety and Security
- Deliver System Quality
- Serve Communities and Support the Economy
- Promote Environmental Stewardship

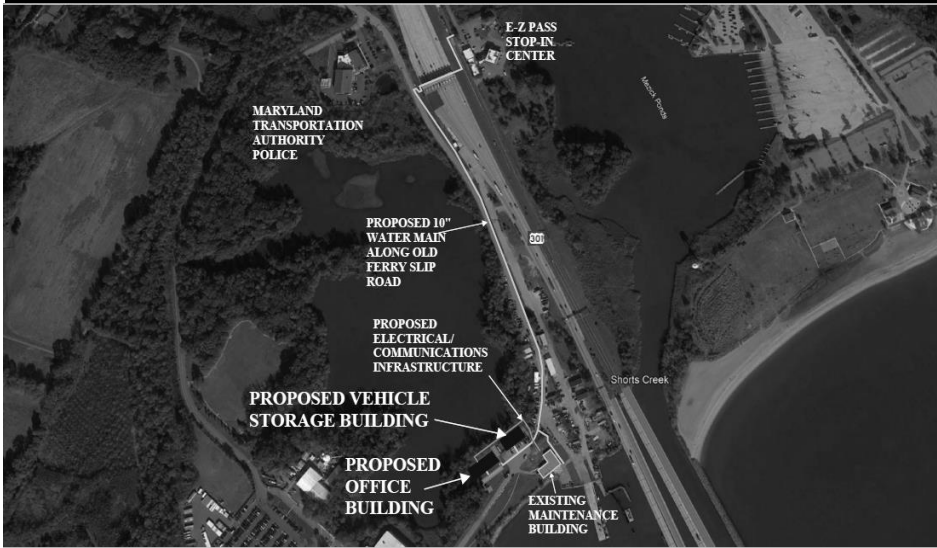
- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

EXPLANATION: Changing to cashless tolling at the Bay Bridge provides toll collection at highway speeds through the electronic methods of E-ZPass, Pay-By-Plate, and Video Tolling.

STATUS: Open to service.

POTENTIAL FUNDING SOURCE: <input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER												
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PLANNING				SIX YEAR	BALANCE TO COMPLETE	
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				FOR PLANNING PURPOSES ONLY						
			2023	2024	2025	...2026...	...2027...	...2028...	...2029...	TOTAL		
Planning	0	0	0	0	0	0	0	0	0	0	0	
Engineering	3,585	3,585	0	0	0	0	0	0	0	0	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	0	
Utility	0	0	0	0	0	0	0	0	0	0	0	
Construction	52,531	49,994	7,459	2,537	0	0	0	0	0	2,537	0	
Total	56,117	53,580	7,459	2,537	0	0	0	0	0	2,537	0	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0	
TOLL	56,117	53,580	7,459	2,537	0	0	0	0	0	2,537	0	
Other	0	0	0	0	0	0	0	0	0	0	0	

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Cost increased by \$1.8 million for Redline Revisions and additional Construction Management Inspection (CMI).



PROJECT: US 50/301 Bay Bridge - Project Management Office and Maintenance Equipment Storage Building

DESCRIPTION: This project includes the construction of a new Project Management Office and a new Maintenance Equipment Storage Building at the Bay Bridge Campus. Work also includes site utility upgrades including water main, power, fiber, and street lighting to support the new and existing buildings.

PURPOSE & NEED SUMMARY STATEMENT: The Bay Bridge crossing and approach roadways require continuous construction and maintenance activity to maintain the dual bridges in the highest serviceable condition for safe passage of MDTA customers. The Project Management Office will provide work areas for the inspection and contract administration staff. The Maintenance Equipment Storage Building will provide protection for the equipment used by operations staff.

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

- Enhance Safety and Security
- Deliver System Quality
- Serve Communities and Support the Economy
- Promote Environmental Stewardship

- 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

EXPLANATION: The Project Management Office will provide a permanent centralized office building for the construction management personnel and field staff necessary for the year round, daytime, and nighttime hours of contract work. The Maintenance Equipment Storage Building will provide protection for the equipment used by the Operations staff.

STATUS: Engineering and construction are underway.

POTENTIAL FUNDING SOURCE:											
	<input type="checkbox"/> SPECIAL		<input type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input checked="" type="checkbox"/> OTHER				
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PLANNING				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				...2026...	...2027...	...2028...	...2029...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	2,500	2,445	380	55	0	0	0	0	0	55	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utility	0	0	0	0	0	0	0	0	0	0	0
Construction	9,660	24	24	0	0	1,113	4,638	3,067	818	9,636	0
Total	12,160	2,468	404	55	0	1,113	4,638	3,067	818	9,692	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
TOLL	12,160	2,468	404	55	0	1,113	4,638	3,067	818	9,692	0
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: None.



PROJECT: US 40 Thomas J. Hatem Memorial Bridge - Cleaning and Painting of the Hatem Bridge

DESCRIPTION: The bi-annual bridge inspection identified rust and peeling paint that need attention. This project will clean and paint the complete bridge. Single lane closures during off-peak traffic periods will be necessary to set-up shielding and equipment and when cleaning and painting over travel lanes.

PURPOSE & NEED SUMMARY STATEMENT: The bi-annual bridge inspection identified rust and peeling paint that need attention. Cleaning and painting will protect the existing superstructure of the Hatem Bridge.

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

- Enhance Safety and Security
- Deliver System Quality
- Serve Communities and Support the Economy
- Promote Environmental Stewardship

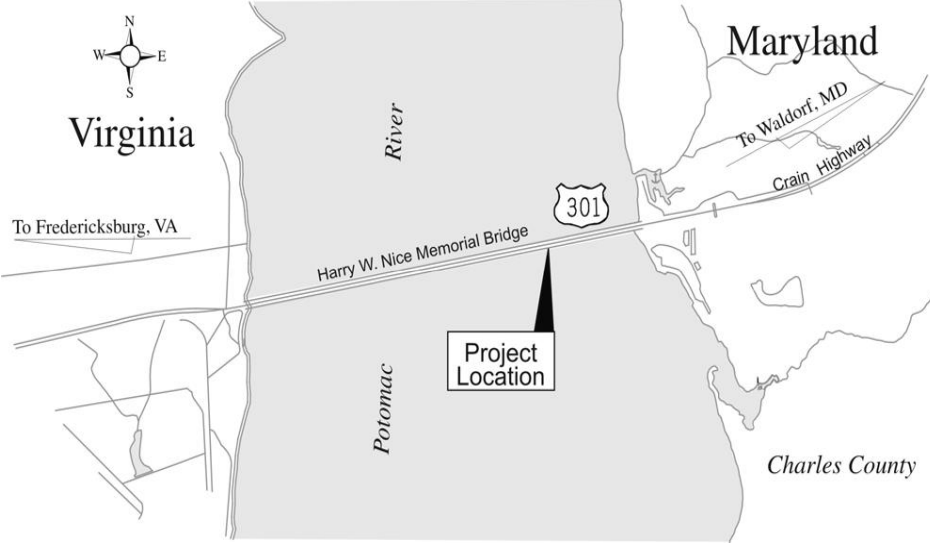
- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

EXPLANATION: The paint is showing signs of wear. This improvement will address existing wear and extend the useful life of the bridge.

STATUS: Engineering is underway. Construction will begin in FY 2024.

POTENTIAL FUNDING SOURCE:											
<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER											
PHASE	TOTAL		PREVIOUS YEAR 2023	CURRENT YEAR 2024	BUDGET YEAR 2025	PLANNING				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				FOR PLANNING PURPOSES ONLY					
						...2026...	...2027...	...2028...	...2029...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	890	848	108	42	0	0	0	0	0	42	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utility	0	0	0	0	0	0	0	0	0	0	0
Construction	65,025	0	0	1,911	35,373	25,829	1,912	0	0	65,025	0
Total	65,915	848	108	1,953	35,373	25,829	1,912	0	0	65,067	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
TOLL	65,915	848	108	1,953	35,373	25,829	1,912	0	0	65,067	0
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Added to the Construction Program.



PROJECT: US 301 Governor Harry W. Nice Memorial/Senator Thomas "Mac" Middleton Bridge - Replace Nice/Middleton Bridge

DESCRIPTION: Replace the current bridge with a new 4-lane bridge.

PURPOSE & NEED SUMMARY STATEMENT: The existing bridge does not meet current standards, i.e., narrow lanes, lack of shoulders, and steep grades with lack of truck climbing lanes. The existing bridge is reaching capacity during peak periods. Traffic is projected to increase by 45 percent on weekdays and 33 percent on weekends by 2025.

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

- Enhance Safety and Security
- Deliver System Quality
- Serve Communities and Support the Economy
- Promote Environmental Stewardship

- 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

EXPLANATION: The new 4-lane bridge will be safer and relieve congestion.

STATUS: The facility is open to service. Demolition of the old bridge, final construction elements, environmental mitigation (artificial reefs and oyster seedings), and activities related to Intelligent Transportation Systems (ITS) devices are underway.

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Cost decreased by \$25.0 million due to favorable weather and decreased Construction Management Inspection (CMI).

POTENTIAL FUNDING SOURCE:												
			<input type="checkbox"/> SPECIAL			<input type="checkbox"/> FEDERAL			<input type="checkbox"/> GENERAL	<input checked="" type="checkbox"/> OTHER		
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PLANNING				SIX YEAR	BALANCE TO	
	ESTIMATED COST	EXPENDED THRU				FOR PLANNING PURPOSES ONLY						TOTAL
	(\$000)	CLOSE YEAR	2023	2024	2025	...2026...	...2027...	...2028...	...2029...			
Planning	5,295	5,295	0	0	0	0	0	0	0	0	0	
Engineering	34,662	34,662	0	0	0	0	0	0	0	0	0	
Right-of-way	4,907	1,909	2	2,998	0	0	0	0	0	2,998	0	
Utility	0	0	0	0	0	0	0	0	0	0	0	
Construction	565,923	501,882	85,436	33,270	15,704	15,068	0	0	0	64,042	0	
Total	610,787	543,747	85,438	36,268	15,704	15,068	0	0	0	67,040	0	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0	
TOLL	610,787	543,747	85,438	36,268	15,704	15,068	0	0	0	67,040	0	
Other	0	0	0	0	0	0	0	0	0	0	0	



Maryland Transportation Authority

PROJECT: Authority-Wide - Replace Electronic Toll Collection and Operating System - 3rd Generation

DESCRIPTION: The project will design and build a replacement toll system and services to support it; and design and build a new Customer Service Center (CSC) and provide the services to operate it. These projects include account and transaction processing systems, CSC phone systems, IVR, MVA lookups, reporting, operations, web site, mobile app, image review services, reciprocity services, enforcement services, and maintenance services for six to up to ten years.

PURPOSE & NEED SUMMARY STATEMENT: This project will update the Electronic Toll Collection hardware and Operating System software and increase the capacity for handling video tolling and citations.

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

- Enhance Safety and Security
- Deliver System Quality
- Serve Communities and Support the Economy
- Promote Environmental Stewardship

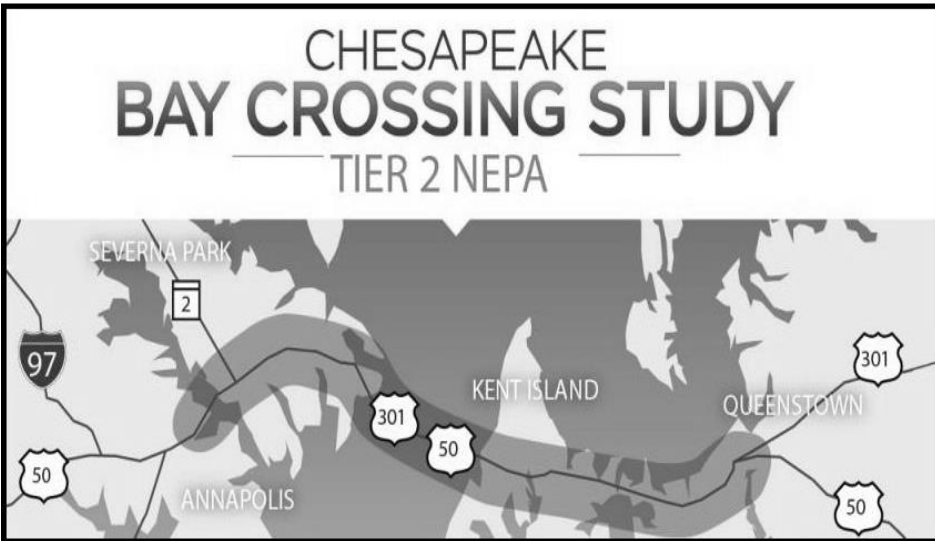
- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

EXPLANATION: This project will update the Electronic Toll Collection hardware and Operating System software and increase the capacity for handling video tolling and citations.

STATUS: Engineering is complete. Construction is underway.

POTENTIAL FUNDING SOURCE:											
	<input type="checkbox"/> SPECIAL		<input type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input checked="" type="checkbox"/> OTHER				
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PLANNING				SIX YEAR	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				...2026...	...2027...	...2028...	...2029...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	19,377	19,377	219	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utility	0	0	0	0	0	0	0	0	0	0	0
Construction	119,992	76,132	13,289	19,918	5,574	4,783	3,901	3,228	3,228	40,632	3,228
Total	139,369	95,509	13,508	19,918	5,574	4,783	3,901	3,228	3,228	40,632	3,228
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
TOLL	139,369	95,509	13,508	19,918	5,574	4,783	3,901	3,228	3,228	40,632	3,228
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Cost increased by \$16.4 million due to contract modification which led to extending the end date of project.



PROJECT: US 50/301 Bay Bridge - Tier 2 NEPA Study

DESCRIPTION: The Bay Crossing Study Tier 2 NEPA is the second stage of the two-tiered federally required National Environmental Policy Act (NEPA) process. The Bay Crossing Study Tier 1 NEPA was approved by FHWA in April 2022, identifying Corridor 7, the corridor containing the existing Bay Bridge, as the Selected Corridor Alternative. Tier 2 studies specific alignment, crossing type and potential number of lanes needed within the 2-mile wide, 22-mile long corridor from Severn River Bridge to the US 50/301 split. Tier 2 involves significant public engagement and participation. Project delivery method options will be determined.

PURPOSE & NEED SUMMARY STATEMENT: The Bay Crossing Study Tier 2 NEPA is the next step in the strategy to address congestion and future traffic demand crossing the Chesapeake Bay. It must be completed before final design and construction could potentially begin if a build alignment alternative is selected.

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: Planning is underway.

POTENTIAL FUNDING SOURCE: SPECIAL FEDERAL GENERAL OTHER

PHASE	TOTAL		PREVIOUS YEAR 2023	CURRENT YEAR 2024	BUDGET YEAR 2025	PLANNING				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				FOR PLANNING PURPOSES ONLY					
						...2026...	...2027...	...2028...	...2029...		
Planning	28,000	4,674	4,674	9,550	8,250	5,526	0	0	0	23,326	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
Utility	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Total	28,000	4,674	4,674	9,550	8,250	5,526	0	0	0	23,326	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
TOLL	28,000	4,674	4,674	9,550	8,250	5,526	0	0	0	23,326	0
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: None.



PROJECT: MD 695 Francis Scott Key Bridge - FSK Deck Replacement

DESCRIPTION: The scope of work for this Project is to replace the existing concrete deck on the Francis Scott Key Bridge and perform miscellaneous structural repairs required to maintain and extend the service life of the bridge.

PURPOSE & NEED SUMMARY STATEMENT: The existing concrete bridge deck has extensive deterioration. The deterioration coupled with anticipated increases in truck volumes and heavier loads due to economic expansion in the area require a full rehabilitation of the FSK bridge deck.

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: Preliminary Engineering is underway.

POTENTIAL FUNDING SOURCE: <input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER											
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PLANNING				SIX YEAR	BALANCE TO
	ESTIMATED COST	EXPENDED THRU				FOR PLANNING PURPOSES ONLY					
	(\$000)	CLOSE YEAR	2023	2024	2025	...2026...	...2027...	...2028...	...2029...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	10,000	1,029	650	1,121	1,000	2,000	2,750	1,900	200	8,971	0
Right-of-way	182	0	0	182	0	0	0	0	0	182	0
Utility	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Total	10,182	1,029	650	1,303	1,000	2,000	2,750	1,900	200	9,153	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
TOLL	10,182	1,029	650	1,303	1,000	2,000	2,750	1,900	200	9,153	0
Other	0	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2023 - 28 CTP: Added to the Development & Evaluation Program.

MINOR PROJECTS PROGRAM
(Dollars in Thousands)

MARYLAND TRANSPORTATION AUTHORITY - LINE 30

PROJECT ID	PROJECT NAME	FACILITY CODE	TOTAL PROGRAMMED COST	STATUS
<u>Building Preservation</u>				
MDTAPRJ002560	BHT Maintenance/Auto Building HVAC and Roof Replacement	HT - HARBOR TUNNEL	\$ 7,038	Design Underway
MDTAPRJ002565	FMT East Vent Building Facade and Roof Replacement (Engineering only)	FT - FORT MCHENRY TUNNEL	\$ 400	Design Underway
<u>Building Renovations/Replacements</u>				
2438	Police Headquarters Building Envelope Renovations	KB - F.S.KEY BRIDGE	\$ 3,183	Design Underway
MDTAPRJ002569	JFK MSP Building Remodeling (Engineering only)	KH - KENNEDY HIGHWAY	\$ 500	Design Underway
<u>Electronic/Cashless Tolling</u>				
2487	AET Conversion with Frankfurst Avenue Interchange Modifications	HT - HARBOR TUNNEL	\$ 6,566	Design Underway
<u>Enhancements</u>				
MDTAPRJ002582	MD 695 Ramps to I-95 Northbound Express Toll Lanes	KH - KENNEDY HIGHWAY	\$ 5,525	Design Underway
<u>Environmental</u>				
2483	Small Drainage Rehabilitation	MA - MULTI-AREA	\$ 7,507	Under Construction
<u>Equipment - System Preservation</u>				
2471	10-Year Equipment Budget - FY 2018 through FY 2027	MA - MULTI-AREA	\$ 58,397	Ongoing
<u>Highway Preservation</u>				
2437	Mill and Overlay Bridge Decks (HOY013 and HOY014)	HT - HARBOR TUNNEL	\$ 9,567	Completed

MINOR PROJECTS PROGRAM
(Dollars in Thousands)

MARYLAND TRANSPORTATION AUTHORITY - LINE 30

PROJECT ID	PROJECT NAME	FACILITY CODE	TOTAL PROGRAMMED COST	STATUS
<u>ITS/Elec Preservation & Improvements</u>				
2497	Radio Rebroadcast and Radiax in BHT & FMT	MA - MULTI-AREA	\$ 6,141	Design Underway
<u>Safety & Capacity Improvements</u>				
2504	Bay Bridge Queue Detection System	BB - BAY BRIDGE	\$ 2,730	Under Construction
<u>Signage</u>				
MDTAPRJ002584	Replace DMS and TRS at Various Facilities (Engineering only)	MA - MULTI-AREA	\$ 300	Design Underway
<u>Structural Preservation</u>				
2436	Replace I-95 Kennedy Highway Bridge over CSXT (Engineering only)	KH - KENNEDY HIGHWAY	\$ 3,081	Design Underway
2459	Rehabilitate Maintenance Access Facilities of EB and WB Spans of the Bay Bridge	BB - BAY BRIDGE	\$ 6,171	Completed
2527	Replace Bridges on I-895 over I-695 (Engineering only)	HT - HARBOR TUNNEL	\$ 2,260	Design Underway
MDTAPRJ000199	Maintenance and Repairs of the I-695 Curtis Creek Drawbridges at FSK	KB - F.S.KEY BRIDGE	\$ 1,390	Under Construction
<u>Tunnel Preservation</u>				
2506	BHT In-Tunnel Fiber Improvements	HT - HARBOR TUNNEL	\$ 1,903	Under Construction
2529	Rehabilitate BHT Tunnel Lighting System (Engineering only)	HT - HARBOR TUNNEL	\$ 646	Design Underway