

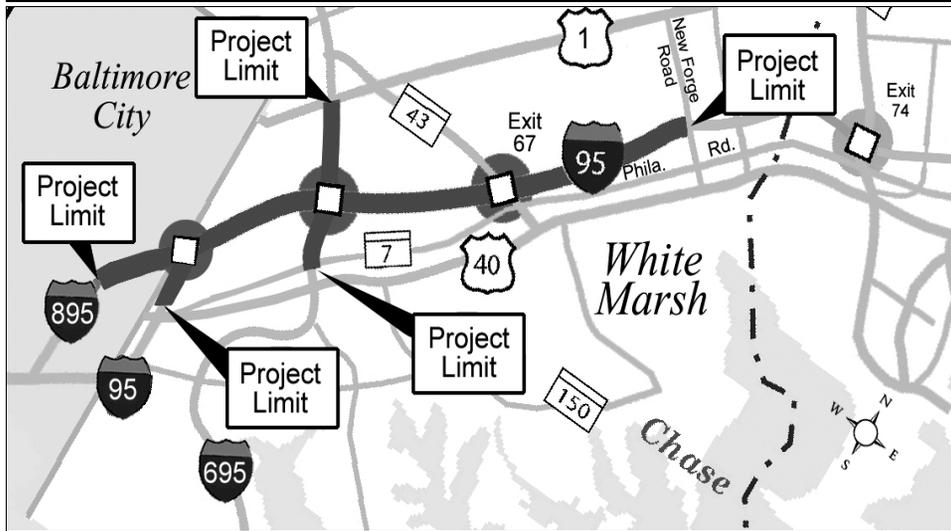
Maryland
Transportation
Authority



MARYLAND TRANSPORTATION AUTHORITY

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

	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>SIX-YEAR TOTAL</u>
<u>Construction Program</u>							
Major Projects	986.5	802.7	363.0	204.4	161.7	41.6	2,559.9
System Preservation Minor Projects	119.1	117.9	111.6	115.2	140.7	157.4	761.8
<u>Development & Evaluation Program</u>	<u>9.9</u>	<u>2.7</u>	<u>0.8</u>	<u>0.4</u>	<u>0.3</u>	<u>-</u>	<u>14.1</u>
TOTAL	1,115.4	923.3	475.4	320.0	302.7	199.0	3,335.8



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

DESCRIPTION: Improve the interchanges with I-895, I-695 and MD 43 and construct two Express Toll Lanes in each direction from I-895 North to north of MD 43 (9.63 miles). (BRAC Related).

JUSTIFICATION: This segment of I-95 is the most congested section of I-95 in Maryland north of Baltimore City. Currently, I-95, south of MD 43, operates at Level of Service F during the morning and evening rush hours. By 2025, this section is also expected to operate at Levels of Service E and F during weekend peak periods. High congestion levels increase the level of diversion to alternative routes, such as the community-oriented arterials US 1, US 40, and MD 7. If anticipated congestion levels on this segment of I-95 is not addressed, an increase in congestion-related accidents would likely occur.

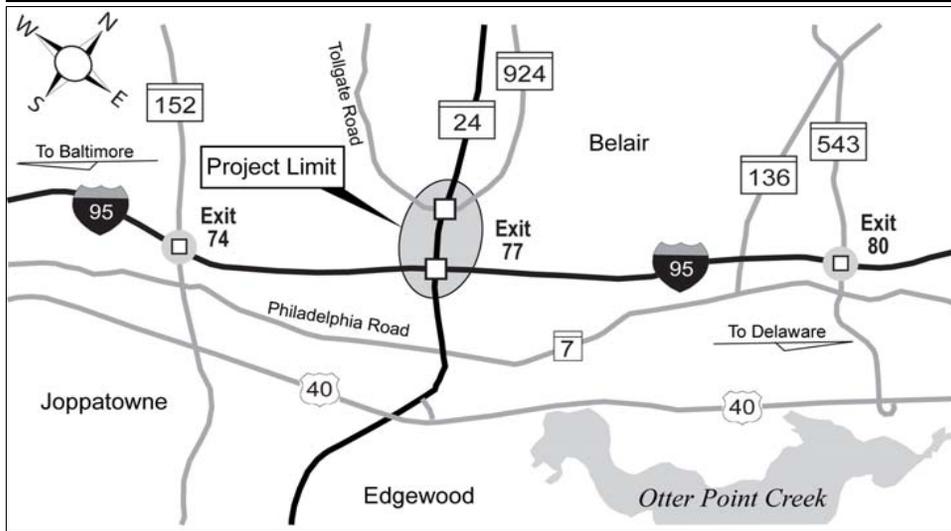
STATUS: Engineering, right-of-way acquisition, and construction are underway.

ASSOCIATED IMPROVEMENTS:

- I-95/MD24 Interchange - Construction Program (Line 2)
- I-95 Ft. McHenry Tunnel - Moravia Road to the Tunnel - Construction Program (Line 5)
- I-95 Section 200 - Development and Evaluation Program (Line 29)

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: Cost reduced by \$500.3 million due to the deferral of the Express Toll Lanes (ETL) ramps to and from I-695 and MD43 interchanges.

POTENTIAL FUNDING SOURCE:		<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER								
PHASE	TOTAL				PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	6,044	6,044	0	0	0	0	0	0	0	0
Engineering	139,900	91,717	22,183	12,281	4,792	4,464	4,463	0	48,183	0
Right-of-way	56,952	35,209	21,743	0	0	0	0	0	21,743	0
Construction	791,322	386,996	140,121	67,436	32,390	65,113	99,266	0	404,326	0
Total	994,218	519,966	184,047	79,717	37,182	69,577	103,729	0	474,252	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



PROJECT: I-95 John F. Kennedy Memorial Highway - MD 24 Interchange Improvements (Phase I)

DESCRIPTION: Construct improvements to the I-95/MD 24 interchange, including upgrades to MD 24 and the reconstruction of the MD 24/MD 924/Tollgate Road intersection to a grade separated interchange. Phase 1 includes minor improvements to the I-95/MD 24 interchange and a grade-separated interchange at the MD24/MD924/Tollgate Road intersection. Phase 2, improvements to the I-95/MD 24 interchange will be developed as part of the I-95 Section 200 project planning study. (BRAC Related).

JUSTIFICATION: This project will provide improved capacity, operation and safety for the I-95/MD 24 interchange and the MD 24/MD 924/Tollgate Road intersection, which is in close proximity and integral to the I-95/MD 24 interchange operation.

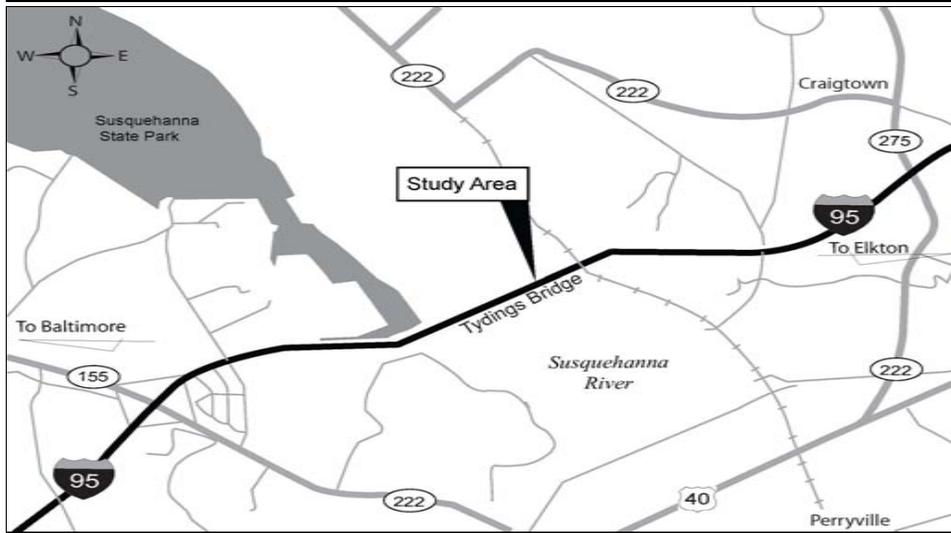
STATUS: Phase I engineering is complete. Phase I right-of-way acquisition and construction are underway.

ASSOCIATED IMPROVEMENTS:

- I-95 Express Toll Lanes - Construction Program (Line 1)
- I-95 Section 200 - Development and Evaluation Program (Line 29)

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: None.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input checked="" type="checkbox"/> OTHER		
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	9,951	7,882	850	1,219	0	0	0	0	2,069	0
Right-of-way	4,000	2,077	1,923	0	0	0	0	0	1,923	0
Construction	46,612	7,750	16,862	22,000	0	0	0	0	38,862	0
Total	60,563	17,709	19,635	23,219	0	0	0	0	42,854	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



PROJECT: I-95 John F Kennedy Memorial Highway - Underwater Repairs at Tydings Bridge

DESCRIPTION: Rehabilitate pier foundations with advanced deterioration. Work will also include pier scour protection.

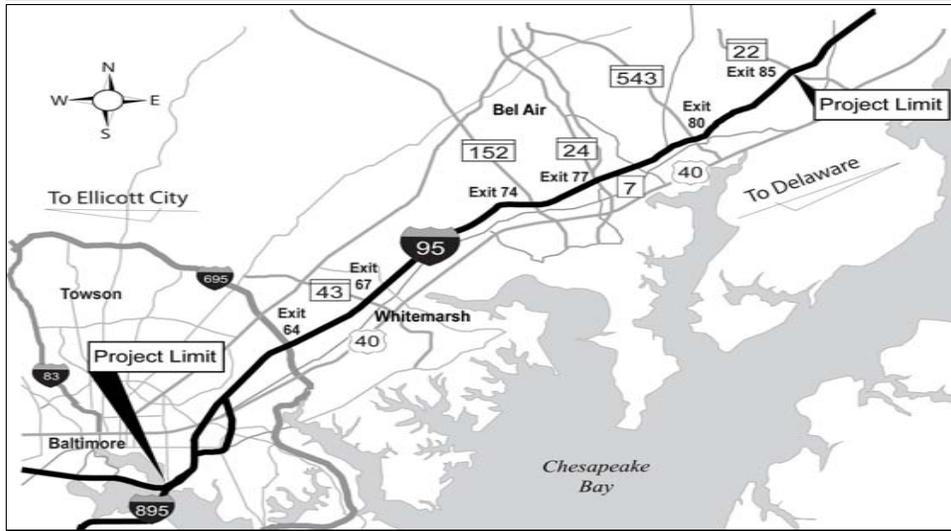
JUSTIFICATION: Pier foundations in the river were found to have advanced deterioration during the recent underwater inspection. Also, the bridge was analyzed for scour and found that scour protection is needed. The work was recommended in the June 2009 inspection report and was determined to be a high priority project by the Authority.

STATUS: Engineering is underway. Evaluating condition of additional piers. Construction to begin in FY 2012.

ASSOCIATED IMPROVEMENTS: None.

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: New project.

POTENTIAL FUNDING SOURCE:		<input type="checkbox"/> SPECIAL		<input type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER		
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	4,600	0	1,453	3,136	11	0	0	0	4,600	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	37,200	0	0	0	8,827	21,515	6,858	0	37,200	0
Total	41,800	0	1,453	3,136	8,838	21,515	6,858	0	41,800	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



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

DESCRIPTION: The project includes the planning, engineering and right of way acquisition for the new maintenance facility along the I-95 John F. Kennedy Memorial Highway. It also includes additional equipments for Express Toll Lanes (ETL) and associated interchange improvements. It does not include funding for the construction of the facility.

JUSTIFICATION: A new maintenance facility will be required to replace the existing JFK Maintenance 1 because Section 200 Project will displace this facility. The new maintenance Facility will cover the current service area for JFK Maintenance 1 as well as I-95 Master Plan Improvements, including the ETLs and associated interchange improvements.

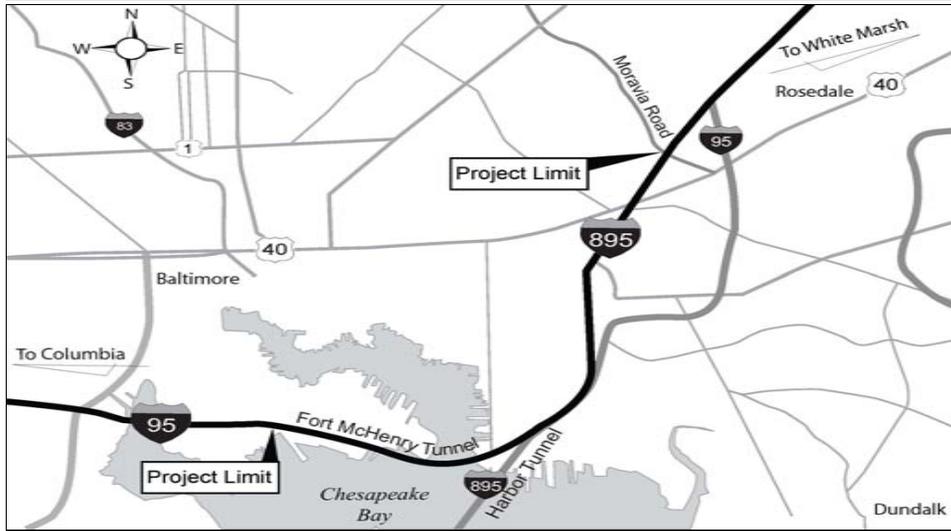
STATUS: Planning and right of way acquisition are underway. Engineering to begin in FY 2010. Construction funding is for acquisition of equipment and vehicles only. Equipment and vehicles acquisition to begin in FY 2010.

ASSOCIATED IMPROVEMENTS:

- I-95 Express Toll Lane - Construction Program (Line 1)
- I-95 Section 200 Development & Evaluation Program (Line 29)

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: Project moved to the Construction Program from the Systems Preservation Minors Program.

PHASE	POTENTIAL FUNDING SOURCE:									
	<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER									
	TOTAL ESTIMATED COST (\$000)	TOTAL EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
				.....2012.....	.....2013.....	.....2014.....	.....2015.....			
Planning	100	0	100	0	0	0	0	0	100	0
Engineering	2,000	4	650	650	696	0	0	0	1,996	0
Right-of-way	7,000	0	4,000	2,000	1,000	0	0	0	7,000	0
Construction	8,400	8	1,000	2,200	2,100	1,000	2,092	0	8,392	0
Total	17,500	12	5,750	4,850	3,796	1,000	2,092	0	17,488	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



PROJECT: I-95 Fort McHenry Tunnel - Moravia Road to the Tunnel Modifications

DESCRIPTION: The project limits extend from the southern end of the I-95, ETL Project (Moravia Road) to the Fort McHenry Tunnel Toll Plaza. Modifications include Phase 1 Moravia Road to Eastern Avenue grinding and overlaying to provide four continuous through lanes (lane continuity); Phase 2 Eastern Avenue to Fort McHenry tunnel includes re-striping to provide four continuous through lanes (lane continuity).

JUSTIFICATION: Currently the typical section of I-95 from Moravia Road to the FMT is as follows: Three lanes per direction from I-895 to Moravia Rd; Four lanes per direction from Moravia Rd. to O'Donnell St; Three lanes per direction from O'Donnell St to Boston St; and Four lanes per direction from Boston St. to the Fort McHenry Tunnel. This project will provide lane continuity from the southern limits of the ETL's to the Fort McHenry Tunnel.

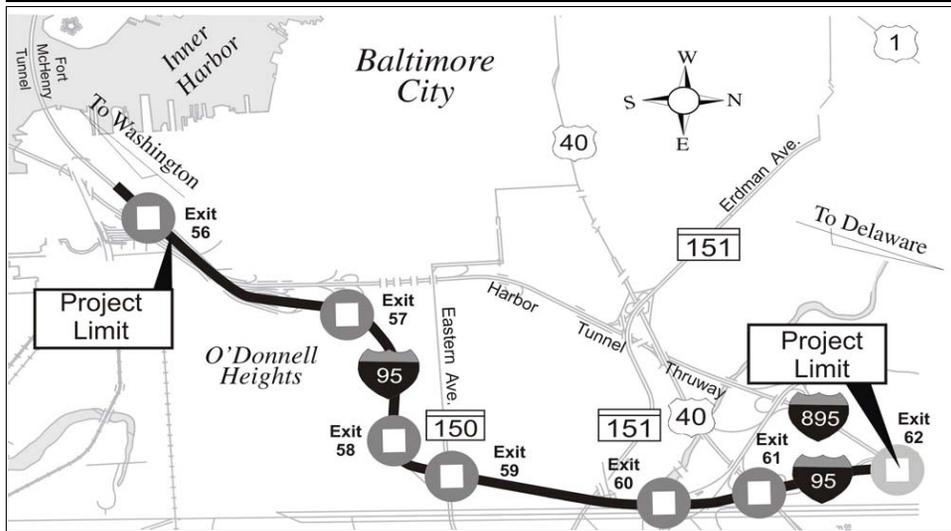
STATUS: Planning and engineering are underway. Construction for phase I southbound only to begin in FY 2010.

ASSOCIATED IMPROVEMENTS:

I-95 Express Toll Lanes - Construction Program (Line1)

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: Construction cost increased by \$4.5 million due to added structural and drainage work.

POTENTIAL FUNDING SOURCE:		<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER								
PHASE	TOTAL				PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	FOR PLANNING PURPOSES ONLY					
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	307	145	162	0	0	0	0	0	162	0
Engineering	1,293	833	400	60	0	0	0	0	460	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	13,980	201	0	13,779	0	0	0	0	13,779	0
Total	15,580	1,179	562	13,839	0	0	0	0	14,401	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



PROJECT: I-95 Fort McHenry Tunnel - Bridge, Roadway and Signage Rehabilitation North of Tunnel

DESCRIPTION: Rehabilitate I-95 north of the Tunnel to I-895. Includes resurfacing of 34 bridge decks and related structural repairs; resurfacing and safety improvements of roadways; replacing and upgrading of existing signing; and inspecting and repairing of high mast light poles and sign structures.

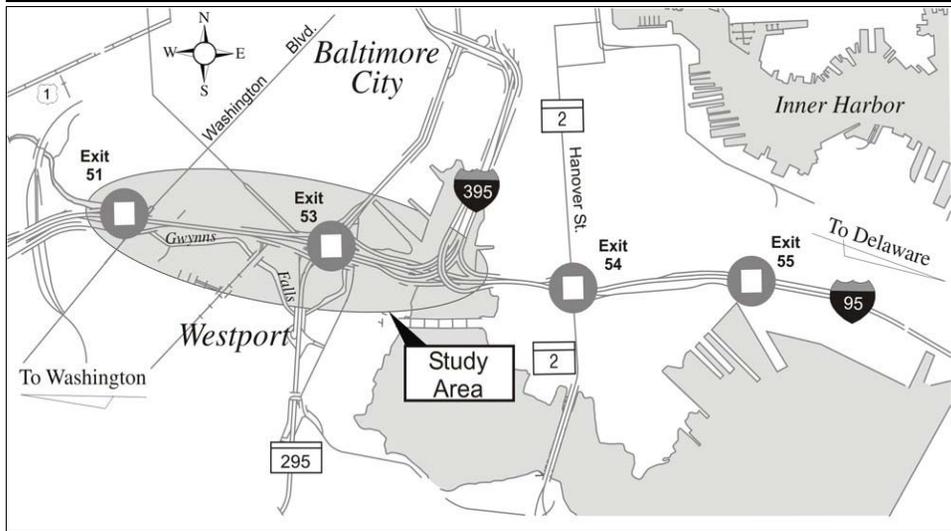
JUSTIFICATION: Bridge decks and roadways have not been resurfaced since their opening in 1976 and they exhibit various degrees of deterioration. Signs and other safety features need to be brought up to the latest standards.

STATUS: Bridge and roadway rehabilitation are complete. Signing and lighting work to begin in FY 2010.

ASSOCIATED IMPROVEMENTS:
None.

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: Construction of signing and lighting work delayed to FY 2010.

POTENTIAL FUNDING SOURCE:		<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER								
PHASE	TOTAL				PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	6,529	6,133	196	200	0	0	0	0	396	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	40,236	22,640	2,023	7,269	8,304	0	0	0	17,596	0
Total	46,765	28,773	2,219	7,469	8,304	0	0	0	17,992	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



PROJECT: I-95 Fort McHenry Tunnel - Bridge, Roadway and Signage Rehabilitation from Joh Ave. to Washington Boulevard.

DESCRIPTION: Rehabilitation of I-95 South of the Fort McHenry Tunnel. Scope of work includes overlaying the roadway section, excluding bridge decks, between Joh Ave. and Washington Blvd. and replacement and upgrades of existing signing; miscellaneous safety improvements; and inspection and repair of high mast light poles and sign structures.

JUSTIFICATION: Highway has not been resurfaced since its opening in 1976 and it exhibits various degrees of deterioration. Signs and other safety features need to be brought up to the latest standards.

STATUS: Construction is underway.

ASSOCIATED IMPROVEMENTS: None.

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: Cost decreased by \$8.1 million due to receiving favorable bids.

POTENTIAL FUNDING SOURCE:		<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER								
PHASE	TOTAL				PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	4,177	1,574	1,509	1,094	0	0	0	0	2,603	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	33,976	15,249	4,596	11,112	3,019	0	0	0	18,727	0
Total	38,153	16,823	6,105	12,206	3,019	0	0	0	21,330	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



PROJECT: I-95 Fort McHenry Tunnel - Higher Speed Toll Plaza Modifications

DESCRIPTION: Install higher speed toll lanes (northbound/southbound) at Fort McHenry Tunnel toll plaza. This improvement will enable E-Z Pass customers to pass through the toll plazas at 30 mph (similar to FSK Bridge toll plaza).

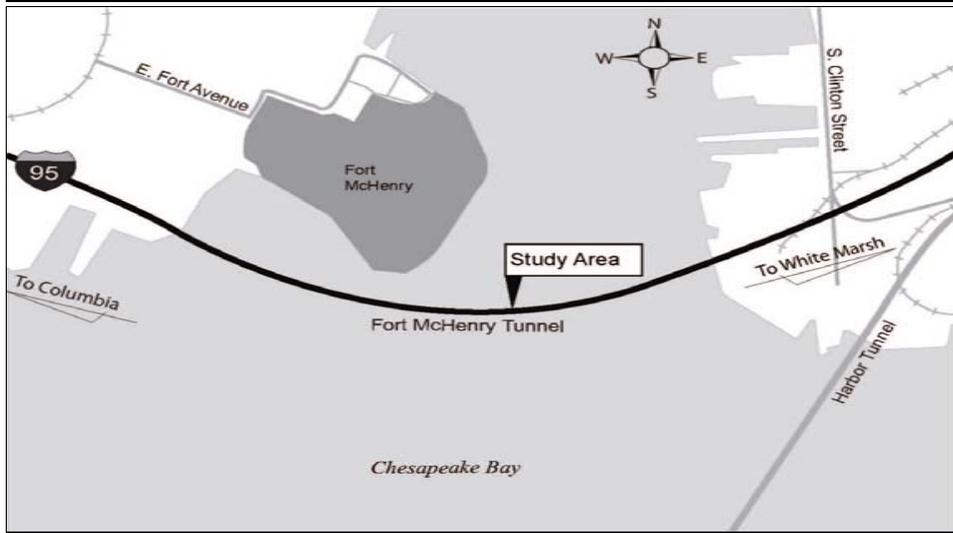
JUSTIFICATION: This project will improve traffic operations and capacity at the toll plaza.

STATUS: Construction is underway.

ASSOCIATED IMPROVEMENTS:
None.

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: None.

POTENTIAL FUNDING SOURCE:										
<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER										
PHASE	TOTAL		CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009			YEAR 2010	YEAR 2011	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,881	1,881	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	12,880	10,464	2,416	0	0	0	0	0	2,416	0
Total	14,761	12,345	2,416	0	0	0	0	0	2,416	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



PROJECT: I-95 Fort McHenry Tunnel - Rehabilitate Deteriorated Concrete Tunnel Deck

DESCRIPTION: Rehabilitate the tunnel deck for all four bores.

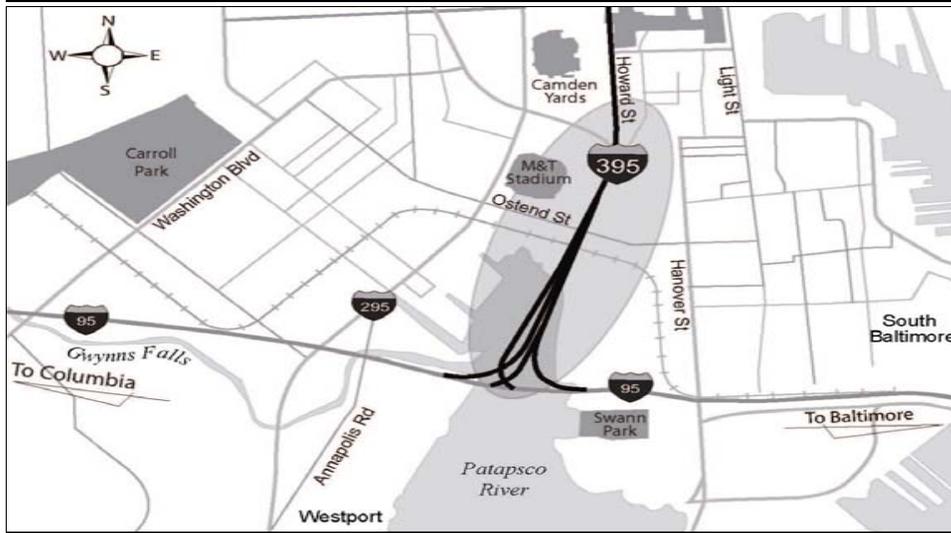
JUSTIFICATION: The soffit of the FMT tunnel deck is deteriorated throughout the length of the tunnel. The repair will significantly increase the useful life of the tunnel deck.

STATUS: Engineering is underway. Construction to begin in FY 2011.

ASSOCIATED IMPROVEMENTS: None.

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: Project moved to the Construction Program from the Systems Preservation Minors Program.

POTENTIAL FUNDING SOURCE:										
<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
PHASE	TOTAL		CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009			FOR PLANNING PURPOSES ONLY					
			2010	2011	.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	884	68	150	150	150	150	216	0	816	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	21,414	0	0	2,748	3,821	6,805	8,040	0	21,414	0
Total	22,298	68	150	2,898	3,971	6,955	8,256	0	22,230	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



PROJECT: I-95 Fort McHenry Tunnel - I-395 Repair and Spot Paint Beam Ends, Deck Seal and Joint Repair

DESCRIPTION: The scope of work consists of repair and paint beam ends. Additional work includes concrete deck sealing and joint repair.

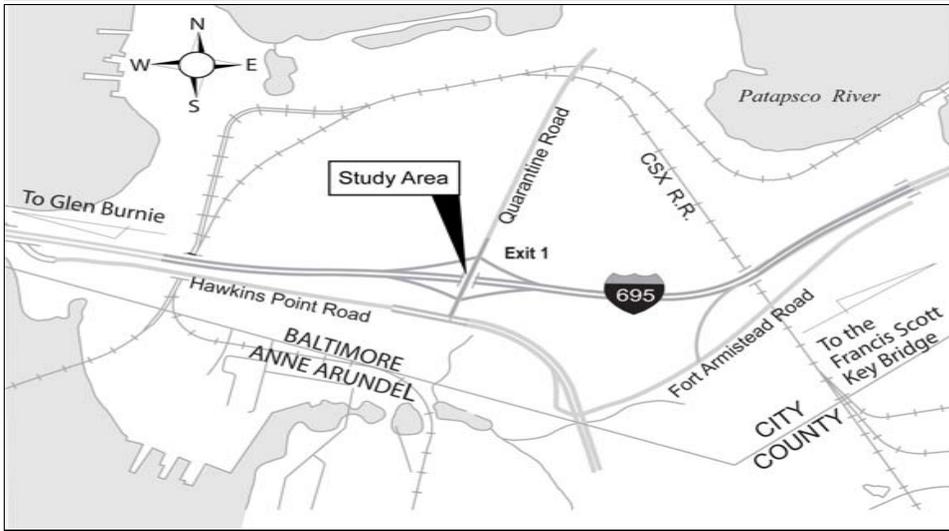
JUSTIFICATION: Repair to beam ends is needed due extensive section loss and new paint applied to prevent deterioration. Seal the concrete bridge decks to prevent deterioration of the concrete. Repair leaking roadway joints to prevent deterioration of steel beams. The work was recommended in the June 2009 inspection report and was determined to be a high priority project by the Authority and the Authority appointed peer review team.

STATUS: Engineering is underway. Construction to begin in FY 2011.

ASSOCIATED IMPROVEMENTS: None.

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: New Project.

POTENTIAL FUNDING SOURCE:										
<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
PHASE	TOTAL		CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009			YEAR	YEAR	FOR PLANNING PURPOSES ONLY			
			2010	2011	.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	930	0	300	0	630	0	0	0	930	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	18,161	0	0	923	2,665	8,415	6,158	0	18,161	0
Total	19,091	0	300	923	3,295	8,415	6,158	0	19,091	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



PROJECT: MD 695 Francis Scott Key Bridge - Interchange Improvements at Quarantine Road

DESCRIPTION: Interchange and road improvements on MD 695 (Baltimore Beltway) at Quarantine Road.

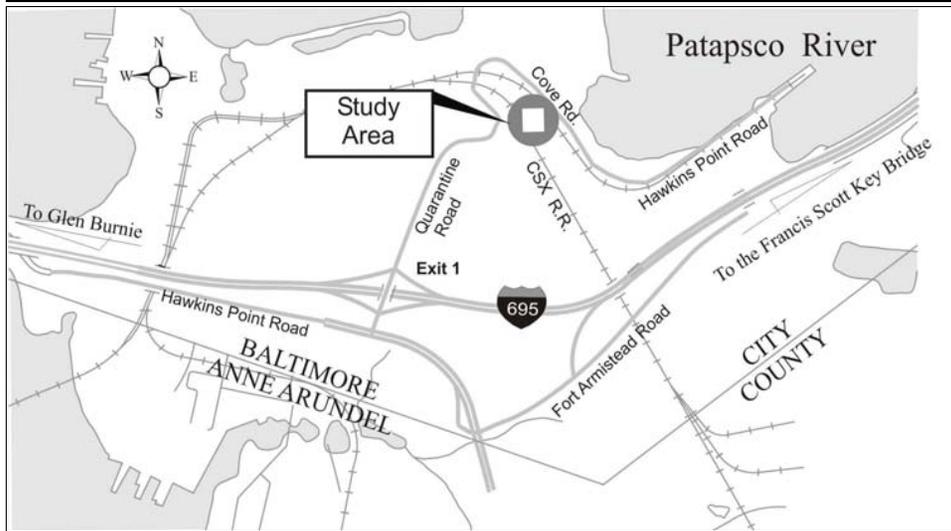
JUSTIFICATION: This project will improve safety by addressing constraints at the existing MD 695 - Quarantine Road interchange that result in ramp queues that extend onto MD 695.

STATUS: Engineering and right-of-way acquisition are underway. Construction to begin in FY 2010.

ASSOCIATED IMPROVEMENTS: None.

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: None.

POTENTIAL FUNDING SOURCE:		<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER								
PHASE	TOTAL				PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	4,917	4,917	0	0	0	0	0	0	0	0
Right-of-way	6,525	4,749	1,776	0	0	0	0	0	1,776	0
Construction	6,560	140	3,000	3,420	0	0	0	0	6,420	0
Total	18,002	9,806	4,776	3,420	0	0	0	0	8,196	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



PROJECT: Francis Scott Key Bridge - Police Outdoor Firing Range

DESCRIPTION: Construct new Police Outdoor Firing Range for the Maryland Transportation Authority Police at Hawkins Point.

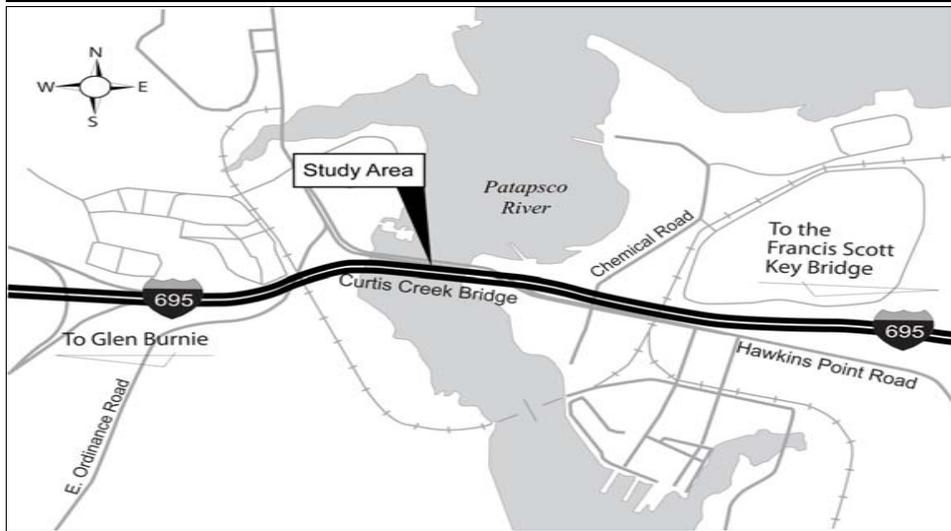
JUSTIFICATION: The project will provide additional capacity and improve training conditions for the Maryland Transportation Authority Police and other State and local police personnel.

STATUS: Project on hold pending an agreement with the Maryland Police and Correction Training Commission.

ASSOCIATED IMPROVEMENTS:
None.

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: Cost increased by \$1.4 million due to increased engineering costs. Construction start delayed to FY 2011.

POTENTIAL FUNDING SOURCE:		<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER								
PHASE	TOTAL				PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	FOR PLANNING PURPOSES ONLY					
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	26	26	0	0	0	0	0	0	0	0
Engineering	1,604	1,372	232	0	0	0	0	0	232	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	2,776	191	0	348	2,237	0	0	0	2,585	0
Total	4,406	1,589	232	348	2,237	0	0	0	2,817	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



PROJECT: MD 695 Francis Scott Key Bridge - Replace Curtis Creek Grid Deck

DESCRIPTION: Replace the steel grid deck of the bascule (movable) span, and retrofit stringers and floor beams with heavy section loss.

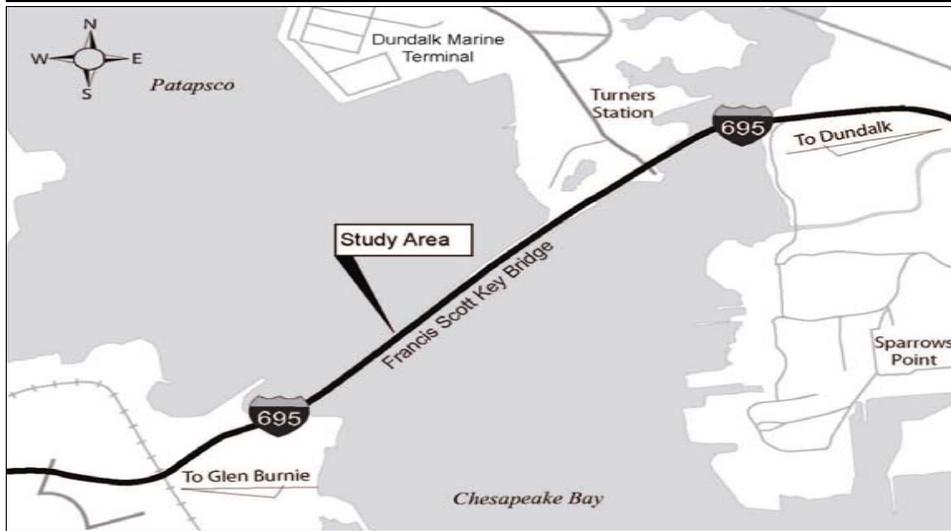
JUSTIFICATION: The grid deck has reached the end of its useful life according to a recent fatigue study. Many stringers and floor beams were identified with significant section loss in the recent inspection report.

STATUS: Engineering is underway. Construction to begin in FY 2014.

ASSOCIATED IMPROVEMENTS: None.

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: Project moved to the Construction Program from the Systems Preservation Minors Program. Cost increased by \$1.9 million due to added inflation as construction was delayed four years to FY 2014.

POTENTIAL FUNDING SOURCE:										
<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
PHASE	TOTAL				PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY		
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,500	229	0	0	1,271	0	0	0	1,271	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	12,947	20	0	0	0	0	2,957	9,970	12,927	0
Total	14,447	249	0	0	1,271	0	2,957	9,970	14,198	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



PROJECT: MD 695 Francis Scott Key Bridge - Paint Bridge Fascia Beams and Repair Section Loss

DESCRIPTION: Repair section loss on approach spans of FSK bridge with steel plates and paint the bridge fascia girder.

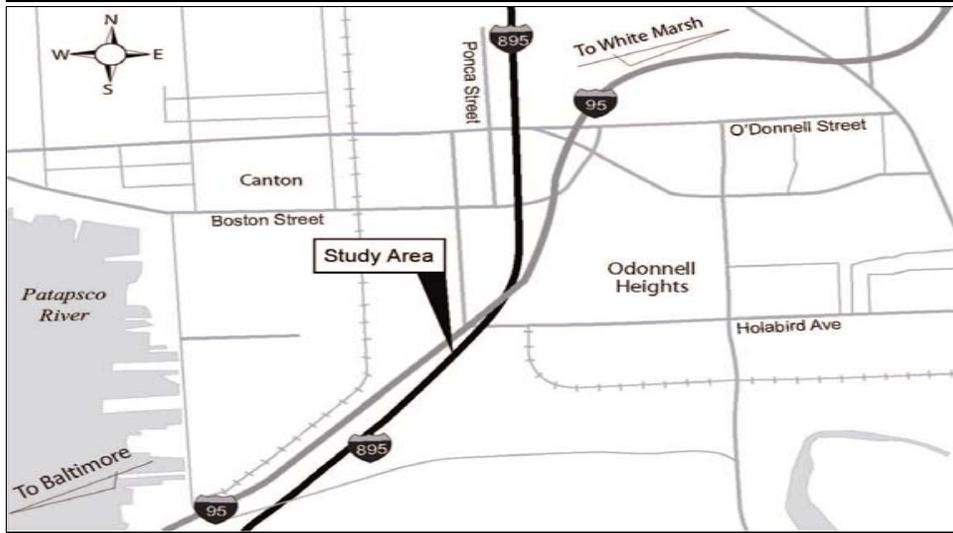
JUSTIFICATION: Repair section loss and paint fascia girder to prevent deterioration. The work was recommended in the June 2009 inspection report and was determined to be a high priority project by the authority and the Authority appointed peer review team.

STATUS: Engineering in underway. Construction to begin in FY 2013.

ASSOCIATED IMPROVEMENTS: None.

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: New Project.

POTENTIAL FUNDING SOURCE:											
<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER											
PHASE	TOTAL				PROJECTED CASH REQUIREMENTS					SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	FOR PLANNING PURPOSES ONLY						
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	200	0	200	0	0	0	0	0	200	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	14,357	0	0	0	0	540	3,670	6,045	10,255	4,102	
Total	14,557	0	200	0	0	540	3,670	6,045	10,455	4,102	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	



PROJECT: I-895 Baltimore Harbor Tunnel Thruway - Canton Viaduct Replacement

DESCRIPTION: Replace the Canton Viaduct which is the portion of the roadway from the north portal entrance to Holabird Avenue.

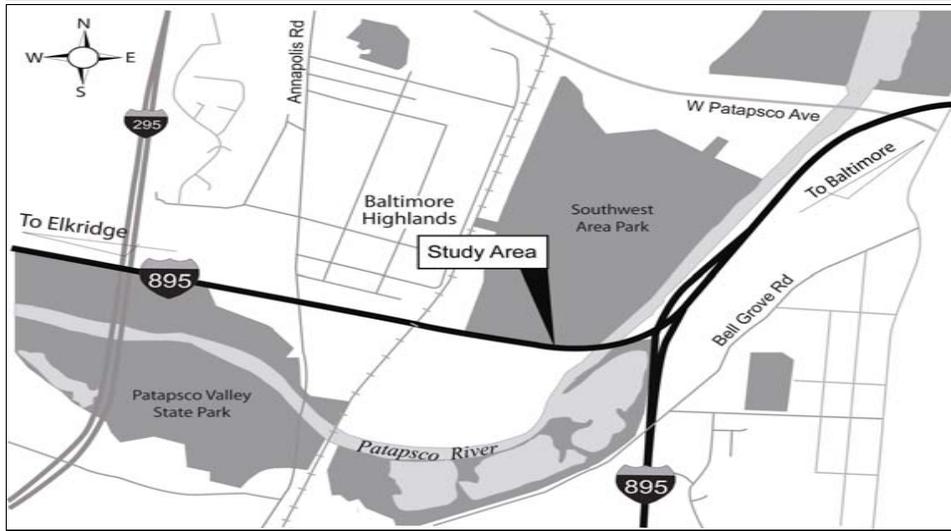
JUSTIFICATION: The bridge deck on this structure has not been renovated since 1985. Testing has indicated that the viaduct is nearing the end of its life cycle. The bridge deck, substructure and superstructure are experiencing various degrees of deterioration. The Canton Viaduct is one of the Authority's Structurally Deficient bridges.

STATUS: Engineering to restart in FY 2012. Right-of-way acquisition to begin in FY 2013. Construction to begin in FY 2015.

ASSOCIATED IMPROVEMENTS: None.

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: Construction start delayed to FY 2015 and cost increased by \$105.8 million due to increased scope of work to complete replacement of the viaduct (substructure and superstructure).

POTENTIAL FUNDING SOURCE:		<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER								
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	5,137	2,292	0	0	1,200	1,200	445	0	2,845	0
Right-of-way	10,920	0	0	0	0	5,460	5,460	0	10,920	0
Construction	162,711	71	0	0	0	0	0	24,585	24,585	138,055
Total	178,768	2,363	0	0	1,200	6,660	5,905	24,585	38,350	138,055
Federal-Aid	0	0	0	0	0	0	0	0	0	0



PROJECT: I-895 Baltimore Harbor Tunnel Thruway - Rehabilitation Patapsco Flats Bridge Substructure

DESCRIPTION: Repair deteriorated concrete of the pier bearing pedestals, pier caps, and pier columns with concrete.

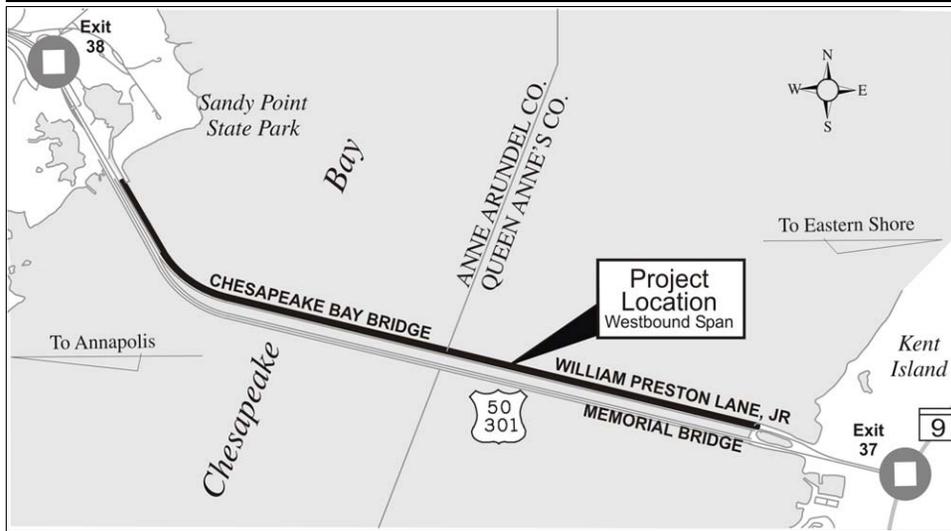
JUSTIFICATION: The work was recommended in the June 2009 inspection report and was determined to be a high priority project by the Authority and the Authority appointed peer review team.

STATUS: Engineering is underway. Construction to begin in FY 2012.

ASSOCIATED IMPROVEMENTS: None.

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: New Project.

POTENTIAL FUNDING SOURCE:		<input type="checkbox"/> SPECIAL		<input type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER			
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	1,220	0	400	820	0	0	0	0	1,220	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	12,922	0	0	0	4,728	5,673	2,521	0	12,922	0	
Total	14,142	0	400	820	4,728	5,673	2,521	0	14,142	0	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	



PROJECT: US 50/301 - Bay Bridge Westbound Bridge Deck Rehabilitation

DESCRIPTION: Rehabilitate the westbound bridge deck. Phase I - Truss, Beam and Girder Spans. Phase II - Suspension and Through-truss Spans.

JUSTIFICATION: The bridge deck on this structure has not been renovated since its opening in 1973. Testing has indicated that the deck is nearing the end of its life cycle. The bridge deck is exhibiting various degrees of deterioration.

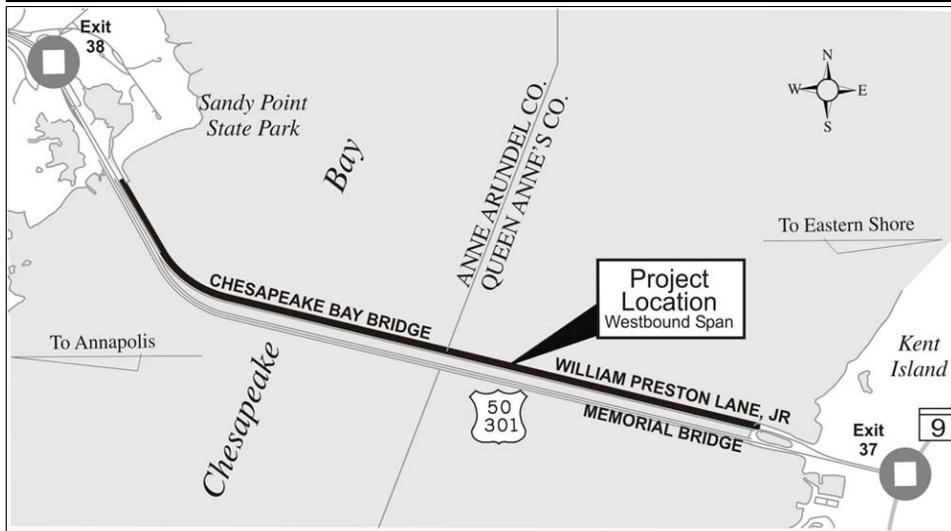
STATUS: Phase I construction is complete. Phase II construction is underway

ASSOCIATED IMPROVEMENTS:

Cleaning and Painting Structural Steel at Westbound Bay Bridge - Construction Program (Line 18)

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: Cost increased by \$2.7 million to reflect adjustment to construction cost incurred prior to FY 2009.

POTENTIAL FUNDING SOURCE:		<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER								
PHASE	TOTAL				PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	FOR PLANNING PURPOSES ONLY					
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	13,621	13,621	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	118,451	83,233	28,841	6,377	0	0	0	0	35,218	0
Total	132,072	96,854	28,841	6,377	0	0	0	0	35,218	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



PROJECT: US 50/301 - Bay Bridge Cleaning and Painting Structural Steel Westbound Bridge

DESCRIPTION: The scope of work consists of partial painting of all structural steel surfaces on the westbound bridge of approximately 3 million square feet including girder spans, deck trusses, overhead truss members and suspension spans.

JUSTIFICATION: The bridge has not been fully painted since it opened in 1973. Limited spot painting has been done as needed. The paint is showing signs of significant deterioration. The spot painting will protect the steel components of the bridge and will extend the useful life of the structural members.

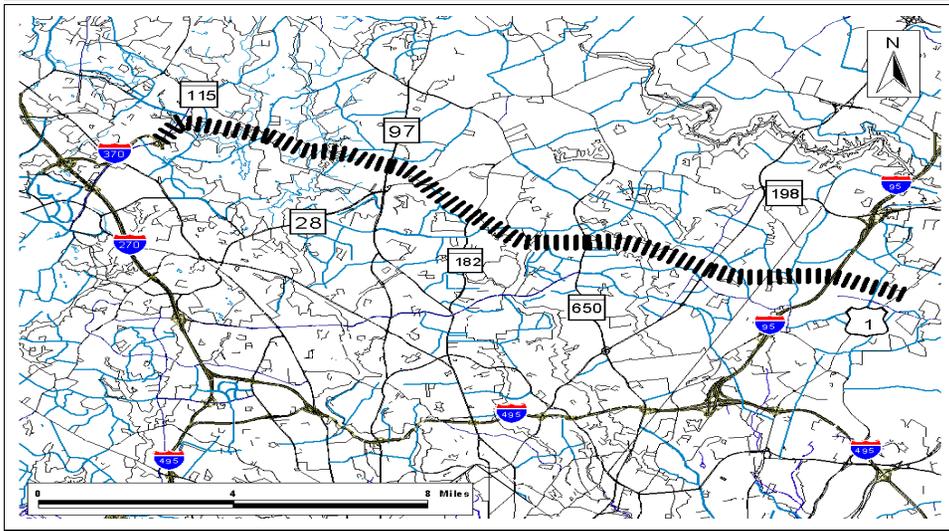
STATUS: Engineering is underway. Construction to begin in FY 2011.

ASSOCIATED IMPROVEMENTS:

Bay Bridge Westbound Deck Rehabilitation - Construction Program (Line 17)

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: Construction start delayed to FY 2011.

POTENTIAL FUNDING SOURCE:		<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER								
PHASE	TOTAL		CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009			FOR PLANNING PURPOSES ONLY					
			2010	2011	.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	2,506	126	450	1,450	480	0	0	0	2,380	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	35,155	0	0	5,237	15,607	10,408	3,903	0	35,155	0
Total	37,661	126	450	6,687	16,087	10,408	3,903	0	37,535	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



PROJECT: MD 200 Intercounty Connector

DESCRIPTION: Construction of a new 18.8 mile east-west, multimodal highway in Montgomery and Prince George's counties between I-370 and I-95/US 1.

JUSTIFICATION: This transportation project is needed to increase community mobility and safety; to support development and local land use plans; to improve access between economic growth centers; to advance homeland security measures; and to help restore the natural, human and cultural environments from past development impacts in the project area.

STATUS: Engineering, Right-of-way and Construction are underway. The MdTA and SHA are reviewing potential adjustments to project scope, and other budget and funding mitigation measures to address the increased cost of contract B (east of MD97 to west of US 29), which might allow all or a portion of the deferred work to be undertaken. Contract D is indefinitely deferred.

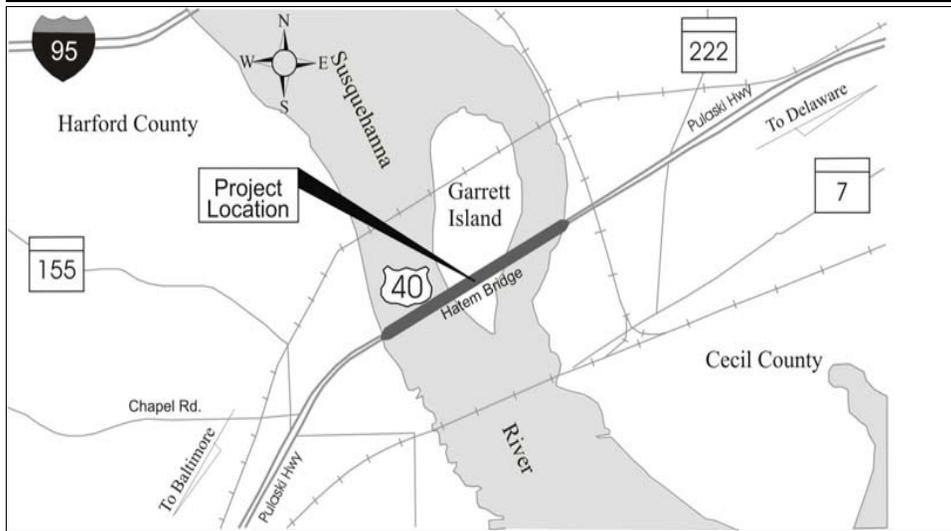
SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: None.

ASSOCIATED IMPROVEMENTS:

- MD 124, Airpark Road to Fieldcrest Road (Line 3 Montgomery County - SHA)
- US 29 Interchanges (Lines 8,9 Montgomery County - SHA)
- MD 28/MD 198, MD97 to I-95 (Line 10, Montgomery County - SHA)
- I-95/Contee Road Interchange (Line 9, Prince George's County - SHA)

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input checked="" type="checkbox"/> GENERAL		<input checked="" type="checkbox"/> OTHER		TOTAL	
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	28,889	28,889	0	0	0	0	0	0	0	0	
Engineering	75,181	75,181	0	0	0	0	0	0	0	0	
Right-of-way	298,000	251,462	21,249	9,967	7,587	4,959	2,776	0	46,538	0	
Construction	2,163,906	526,096	677,528	587,951	223,836	37,481	7,772	0	1,534,568	103,242	
Total	2,565,976	881,628	698,777	597,918	231,423	42,440	10,548	0	1,581,106	103,242	
Federal-Aid	19,270	19,270	0	0	0	0	0	0	0	0	

The Federal aid share of \$19.27 million is also included in SHA's portion of the CTP.



PROJECT: US 40 Thomas J. Hatem Memorial Bridge - Deck Replacement

DESCRIPTION: Replace the 1.5 mile deck on the Hatem Bridge traveling between Perryville and Havre de Grace. One 12 ft wide traffic lane will be maintained in each direction during construction. This maintenance of traffic plan was selected through coordination efforts with the Cecil/Harford Bridges Work Group. (BRAC Related).

JUSTIFICATION: The concrete and steel grate core are deteriorated, requiring replacement. The deck was last renovated in 1982.

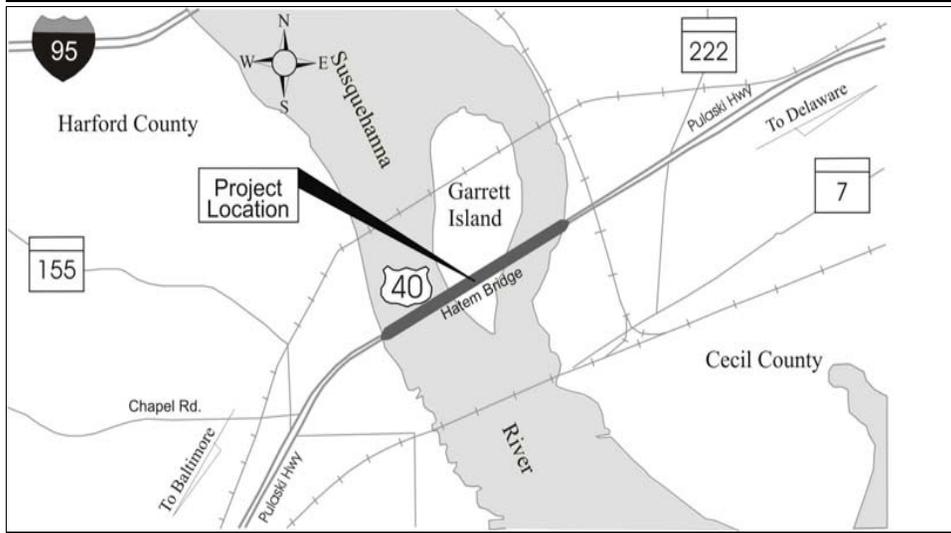
STATUS: Construction is underway.

ASSOCIATED IMPROVEMENTS:

US 40 Thomas J. Hatem Memorial Bridge Underwater Repairs - Construction Program (Line 21)
 US 40 Thomas J. Hatem Memorial Bridge Cleaning and Painting Structural Steel - Construction Program (Line 22)

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: None.

POTENTIAL FUNDING SOURCE:		<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER								
PHASE	TOTAL				PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	FOR PLANNING PURPOSES ONLY					
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	2,150	1,596	554	0	0	0	0	0	554	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	62,821	29,014	17,849	15,958	0	0	0	0	33,807	0
Total	64,971	30,610	18,403	15,958	0	0	0	0	34,361	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



PROJECT: US 40 Thomas J. Hatem Memorial Bridge - Underwater Repairs

DESCRIPTION: Rehabilitate pier foundations with advanced deterioration. Work will also include pier scour protection.

JUSTIFICATION: Pier foundations in the river were found to have advanced deterioration during the recent underwater inspection. Also, the bridge was analyzed for scour and found that scour protection is needed.

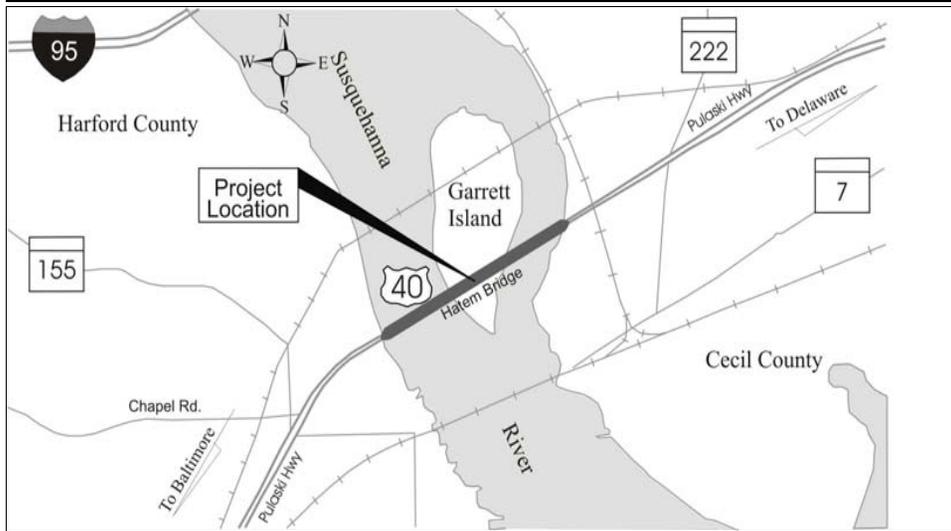
STATUS: Engineering is underway. Construction to begin in FY 2011.

ASSOCIATED IMPROVEMENTS:

US 40 Thomas J. Hatem Memorial Bridge Deck Replacement - Construction Program (Line 20)
 US 40 Thomas J. Hatem Memorial Bridge Cleaning and Painting Structural Steel - Construction Program (Line 22)

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: Project moved to the Construction Program from the Systems Preservation Minors Program.

POTENTIAL FUNDING SOURCE:		<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER									
PHASE	TOTAL				PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE	
	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY			
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	1,682	166	920	596	0	0	0	0	1,516	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	24,843	0	0	513	13,150	11,180	0	0	24,843	0	
Total	26,525	166	920	1,109	13,150	11,180	0	0	26,359	0	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	



PROJECT: US 40 Thomas J. Hatem Memorial Bridge - Cleaning and Painting Structural Steel

DESCRIPTION: Spot and zone paint of structural members throughout the bridge.

JUSTIFICATION: Bridge has areas of significant paint failure and pack rust. 2009 study determined only zone and spot paint necessary to restore structural members and extend the useful life of the bridge. The work recommended in the June 2009 inspection report and was determined to be a high priority project by the Authority.

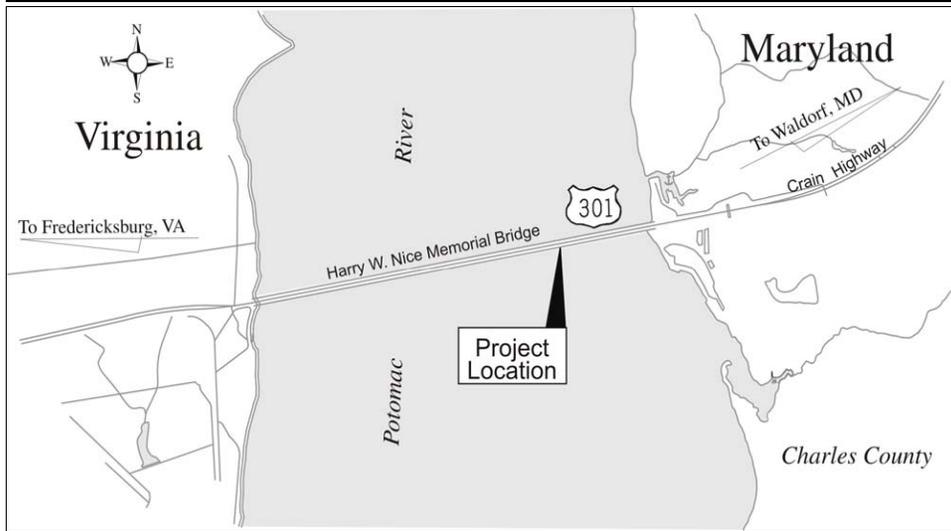
STATUS: Engineering is underway. Construction to begin in FY 2012.

ASSOCIATED IMPROVEMENTS:

- US 40 Thomas J. Hatem Memorial Bridge Deck Replacement - Construction Program (Line 20)
- US 40 Thomas J. Hatem Memorial Bridge Underwater Repairs - Construction Program (Line 21)

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: New project.

POTENTIAL FUNDING SOURCE:		<input type="checkbox"/> SPECIAL		<input type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER			
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	500	0	500	0	0	0	0	0	500	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	10,000	0	0	0	3,497	6,503	0	0	10,000	0	
Total	10,500	0	500	0	3,497	6,503	0	0	10,500	0	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	



PROJECT: US 301 Harry W. Nice Bridge - Cleaning and Painting Structural Steel, Fatigue Retrofits and Miscellaneous Structural Repairs

DESCRIPTION: Scope of work includes spot paint as required throughout the full length of the bridge and zone paint at locations of roadway joints. Miscellaneous structural repairs include repair of steel section loss, and removal of pack rust.

JUSTIFICATION: Last zone paint completed was on the truss towers in 2002. Paint on many locations throughout the bridge has significant deterioration. This project will extend the useful life of the structural members.

STATUS: Engineering to begin in FY 2011. Construction to begin in FY 2012.

ASSOCIATED IMPROVEMENTS: None.

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: Project moved to the Construction Program from the Systems Preservation Minors Program.

POTENTIAL FUNDING SOURCE:										
<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
PHASE	TOTAL		CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009			FOR PLANNING PURPOSES ONLY					
			2010	2011	.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	2,970	0	400	1,620	450	450	50	0	2,970	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	18,830	0	0	0	3,855	8,929	5,074	972	18,830	0
Total	21,800	0	400	1,620	4,305	9,379	5,124	972	21,800	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



PROJECT: Authority-wide - Upgrade Authority Radio Communication Systems (700 MHz System)

DESCRIPTION: The State of Maryland intends to purchase an integrated statewide wireless communications system. The system will operate with the 700/800 MHz band frequencies. The implementation of the system will incorporate a phased deployment methodology.

JUSTIFICATION: The upgraded radio communications systems will provide state, local, and regional public first responders' real time operable and interoperable voice and data services that support Day-to-Day, Mutual Aid, and Task Force operations.

STATUS: Schedule modified as directed by Governors office. The RFP was released for proposals on July 10, 2008. Currently, the Technical Committee is evaluating the proposals.

ASSOCIATED IMPROVEMENTS: None.

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: Project moved to the Construction Program from the Systems Preservation Minors Program.

POTENTIAL FUNDING SOURCE:										
<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
PHASE	TOTAL		CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009			YEAR 2010	YEAR 2011	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY		
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,680	828	250	200	200	202	0	0	852	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	22,000	0	0	9,000	9,000	4,000	0	0	22,000	0
Total	23,680	828	250	9,200	9,200	4,202	0	0	22,852	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



PROJECT: Authority-wide - Procure, Upgrade, Repair and Replace Signs Including Dynamic Message Signs and Sign Structures

DESCRIPTION: This project upgrades and replaces signs and sign structures and performs miscellaneous repair. Also, supplies Dynamic message signs (DMS) for a 5 year period to support about 20+ projects that are replacing or installing new DMS throughout the Authority's facilities including the ICC and ETL projects. The project also provides for preventive maintenance, emergency maintenance, and parts and supplies as needed to maintain the DMS.

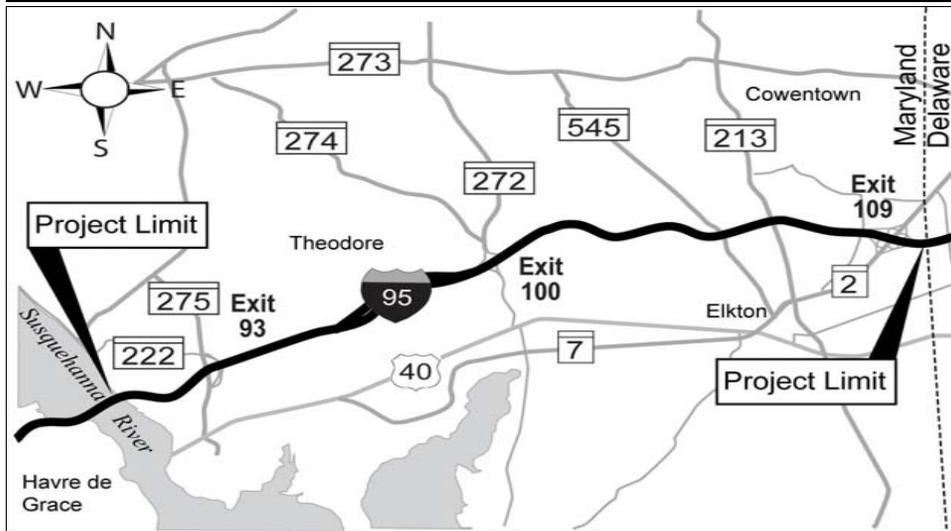
JUSTIFICATION: Dynamic message signs are needed for the ICC, ETL and other facilities. This project will also bring signs and other safety features Authority-wide up to latest standards.

STATUS: Construction is underway.

ASSOCIATED IMPROVEMENTS: None.

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: Project moved to the Construction Program from the Systems Preservation Minors Program.

POTENTIAL FUNDING SOURCE:										
<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
PHASE	TOTAL		CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009			FOR PLANNING PURPOSES ONLY					
			2010	2011	.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	5,281	2,688	2,069	524	0	0	0	0	2,593	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	34,120	8,598	7,618	10,419	7,485	0	0	0	25,522	0
Total	39,401	11,286	9,687	10,943	7,485	0	0	0	28,115	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



PROJECT: I-95 John F. Kennedy Memorial Highway - Toll Plaza Planning Study

DESCRIPTION: This study will investigate alternative toll locations and collection methods. (BRAC Related).

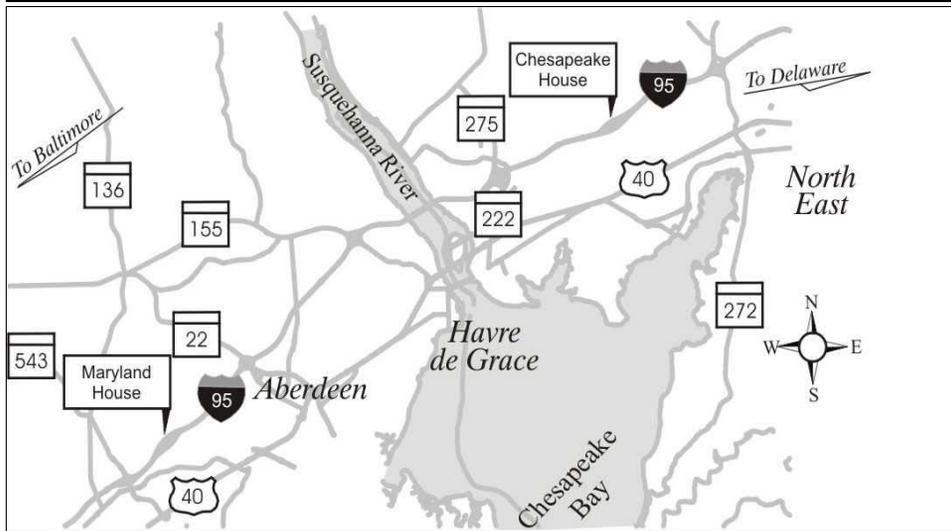
JUSTIFICATION: The study has three parts: 1) analyze travel patterns on I-95 and other major roads 2) evaluate potential tolling locations along I-95, including modifying the existing plaza, and 3) determine the best tolling method.

STATUS: Planning is underway.

ASSOCIATED IMPROVEMENTS: None.

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: None.

POTENTIAL FUNDING SOURCE:											
<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER											
PHASE	TOTAL		CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY					SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009			YEAR 2010	YEAR 20112012.....2013.....2014.....			.....2015.....
Planning	555	455	100	0	0	0	0	0	0	100	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
Construction	0	0	0	0	0	0	0	0	0	0	0
Total	555	455	100	0	0	0	0	0	0	100	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0



PROJECT: I-95 John F. Kennedy Memorial Highway - Travel Plazas Redevelopment

DESCRIPTION: An RFP is being developed to solicit proposals for a Design, Build, Operate, Maintain and Finance contract for the two I-95 Travel Plazas. The proposals should address the replacement and/or rehabilitation of the structures and the operations of the concessions.

JUSTIFICATION: The Maryland House and Chesapeake House Travel Plazas have aged to the point in which redesign, and/or reconstruction is necessary to adequately meet public demand over the next 30 years.

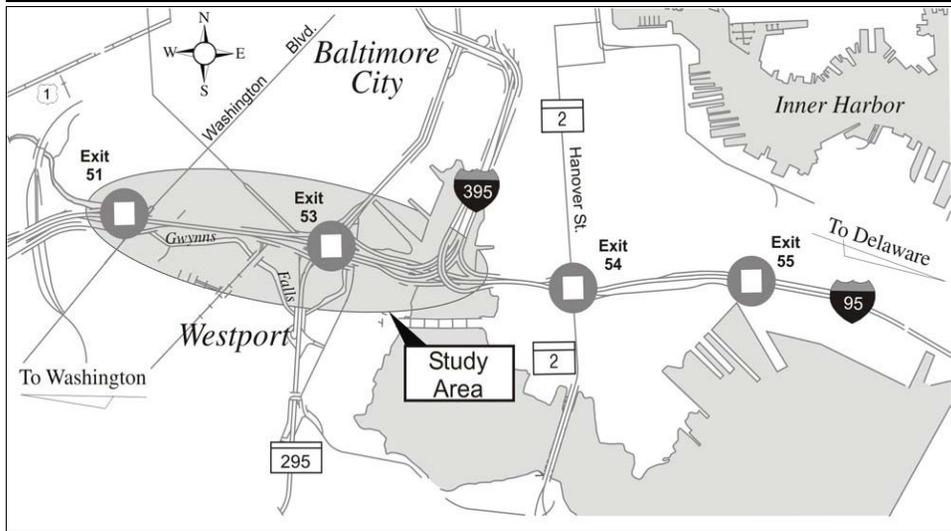
STATUS: The development of the solicitation document is underway.

ASSOCIATED IMPROVEMENTS:

None.

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: Cost increased by \$2.1 million to assist in the review and evaluation of the proposals and the construction management activities after the award is made.

POTENTIAL FUNDING SOURCE:										
<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER										
PHASE	TOTAL				PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY		
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	4,154	1,204	1,000	1,000	450	250	250	0	2,950	0
Engineering	1,870	886	200	275	394	115	0	0	984	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	6,024	2,090	1,200	1,275	844	365	250	0	3,934	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



PROJECT: I-95 Fort McHenry Tunnel - Carroll Camden Access Study

DESCRIPTION: Study to improve access to the Carroll Camden development area and improve safety and operations along I-95 between Washington Boulevard and I-395.

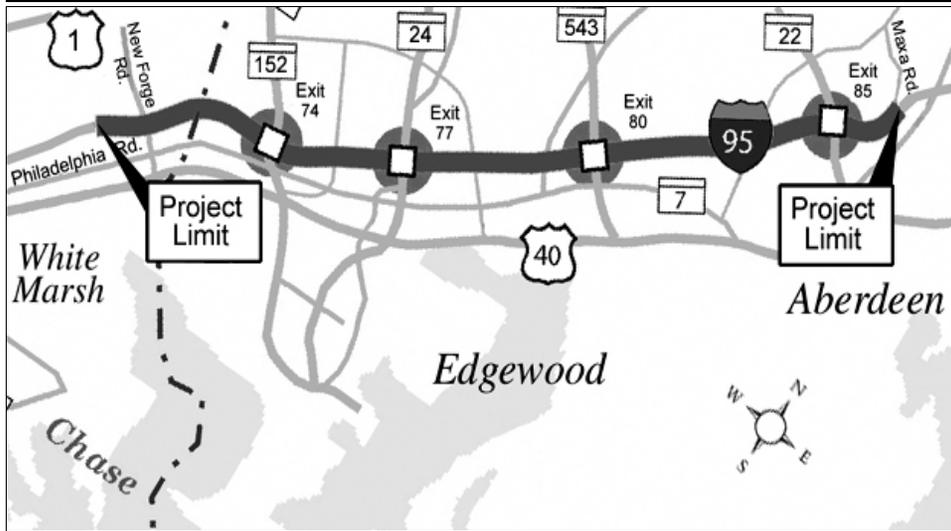
JUSTIFICATION: Improved access could help facilitate the redevelopment of the Carroll Camden area in Baltimore City and improve safety and operations along I-95.

STATUS: Feasibility study completed in June 2004. Interstate Access Point Approval (IAPA) study in underway.

ASSOCIATED IMPROVEMENTS: None.

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: Cost increased by \$0.2 million to complete IAPA study.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER									
PHASE	TOTAL				PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY					SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	520	489	31	0	0	0	0	0	31	0	
Engineering	0	0	0	0	0	0	0	0	0	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	0	0	0	0	0	0	0	0	0	0	
Total	520	489	31	0	0	0	0	0	31	0	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	



PROJECT: I-95 John F. Kennedy Memorial Highway - Section 200 Study

DESCRIPTION: Study to investigate capacity and safety needs on I-95 from north of MD 43 to north of MD 22 (18 miles) including new park and ride facilities at I-95/MD 152 and I-95/MD 24 interchanges. (BRAC Related).

JUSTIFICATION: South of MD 152, I-95 operates at Level of Service (LOS) E during weekday peak hours. Elsewhere, it operates at LOS D or better during weekday and weekend peak traffic periods. Without improvements, the LOS is expected to decrease by 2020, with some study sections operating at an undesirable LOS F during weekday and weekend periods.

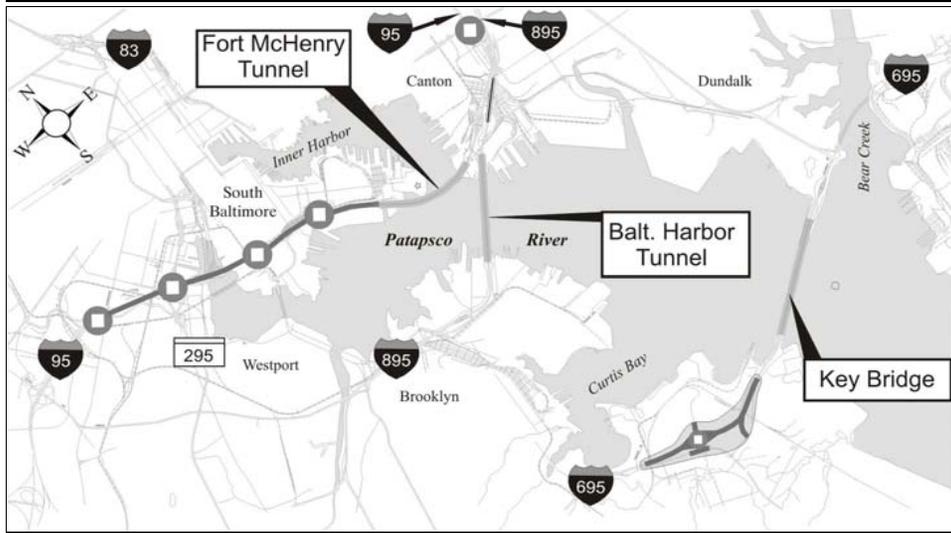
STATUS: Planning and right-of-way work are underway.

ASSOCIATED IMPROVEMENTS:

- I-95 Express Toll Lanes - Construction Program (Line 1)
- I-95 Interchange Improvements at MD 24 - Construction Program (Line 2)

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: Cost decreased by \$4.3 million due to reduction in engineering transition funding.

POTENTIAL FUNDING SOURCE:		<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER								
PHASE	TOTAL				PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	6,095	1,248	4,847	0	0	0	0	0	4,847	0
Engineering	4,647	4,647	0	0	0	0	0	0	0	0
Right-of-way	2,000	236	1,764	0	0	0	0	0	1,764	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	12,742	6,131	6,611	0	0	0	0	0	6,611	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



PROJECT: I-95, I-895 and MD 695 Harbor Crossings - Traffic Management Study

DESCRIPTION: Review of potential solutions to better manage traffic across the three Harbor Crossings.

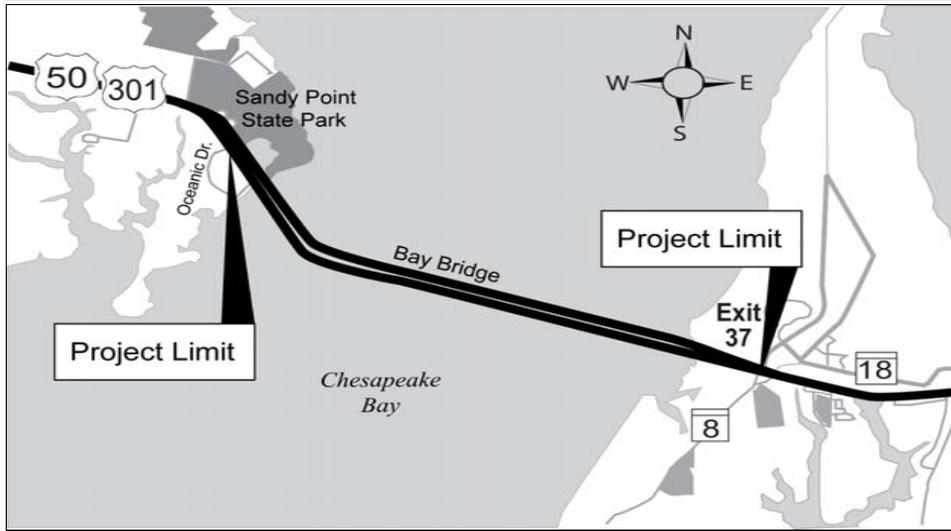
JUSTIFICATION: There is capacity across all three facilities greater than the current traffic volumes, but at times one or more of the facilities can reach or exceed capacity.

STATUS: Planning is complete.

ASSOCIATED IMPROVEMENTS: None.

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: None.

POTENTIAL FUNDING SOURCE:											
<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER											
PHASE	TOTAL				PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY					SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	801	476	325	0	0	0	0	0	325	0	
Engineering	0	0	0	0	0	0	0	0	0	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	0	0	0	0	0	0	0	0	0	0	
Total	801	476	325	0	0	0	0	0	325	0	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	



PROJECT: US 50/301- Bay Bridge Open Road Tolling Study

DESCRIPTION: The purpose of this study is to investigate the use of electronic toll collection at highway speed as an alternative to the current method used for collecting tolls at the Bay Bridge.

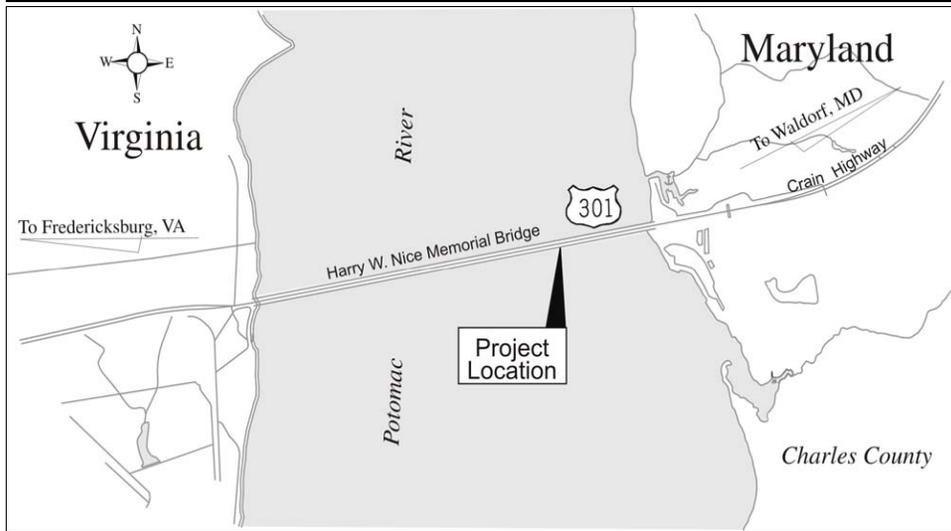
JUSTIFICATION: Open Road Tolling is being studied as an alternative to assist in the improvement of traffic flow on the Bay Bridge.

STATUS: Study is complete.

ASSOCIATED IMPROVEMENTS:
None.

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: Cost reduced by \$2.2 million due to elimination of engineering funding.

POTENTIAL FUNDING SOURCE:										
<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER										
PHASE	TOTAL		CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009			2010	20112012.....2013.....			.....2014.....	.....2015.....
Planning	383	294	89	0	0	0	0	0	89	0
Engineering	300	300	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	683	594	89	0	0	0	0	0	89	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



PROJECT: US 301 Harry W. Nice Memorial Bridge - Improvement Study

DESCRIPTION: Study to investigate capacity and safety needs of the bridge and approaches.

JUSTIFICATION: 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 during peak periods is reaching capacity. Traffic is projected to increase by 45 percent on weekdays and 33 percent on weekends by 2025.

STATUS: Planning is underway.

ASSOCIATED IMPROVEMENTS:
None.

SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP: Cost increased by \$1.5 million due to additional documentation related to impacts.

POTENTIAL FUNDING SOURCE:		<input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER								
PHASE	TOTAL				PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY		
Planning	6,500	3,512	1,524	1,464	0	0	0	0	2,988	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	6,500	3,512	1,524	1,464	0	0	0	0	2,988	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND TRANSPORTATION AUTHORITY - LINE 33

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<u>FY 2010 and Prior</u>			
<u>BALTIMORE HARBOR TUNNEL</u>			
1	Replace Post 3 and 4 with Modular Buildings - Commercial Vehicle Inspection Stations (2118)	76	Complete
2	Rehabilitate Tunnel Lighting and Control System (0264)	2,166	Underway
3	Replace Electrical Vaults (0265)	789	Underway
4	Study to Rehabilitate or Replace Tunnel Fire Line Gate Valves (2086)	50	Underway
5	Evaluate Condition of Deck, Superstructure & Substructures All Facilities (Engineering only) (2083)	1,332	Underway
6	Replace Water Line - Frankfurst Ave. to Fairfield Service Building (2034)	660	Underway
7	Study High Voltage Cable Replacement Needs and Options (2107)	100	Underway
8	BHT Decks/Superstructures (Engineering only) (2209)	4,282	Underway
9	Rehabilitate of I-895 between Toll Plaza and the K-Truss Bridge (2037)	2,650	Spring, 2010
10	Replace Dynamic Message Signs & Lane Use Signals with LED Based Technology (0281)	1,436	Spring, 2010
11	Replace Moravia Road Salt Barn Dome Roof with Painted Metal Roof (2139)	72	Spring, 2010
12	Replace Roof and Repair HVAC of Fairfield Service Building (2036)	2,516	Spring, 2010
<u>F.S.KEY BRIDGE</u>			
13	Improve HVAC at Police Headquarters (0475)	1,061	Complete
14	Patch and Seal Bridge (0302)	2,855	Complete
15	Upgrade and Replace Existing Signs (0474)	4,783	Underway
16	Improve Northeast Approach Maintenance Access Road (0479)	550	Underway
17	Emergency Repairs to the Operating Machinery at Curtis Creek Drawbridge (2161)	482	Underway
18	Renovate Engineering Building (2028)	1,097	Underway
19	Renovate Maintenance Garage Building (2024)	2,890	Underway
20	Emergency Repairs Curtis Creek Drawbridge (2187)	5,500	Underway
21	Replace Undersurface tanks with Above Surface (Engineering only) (2202)	81	Underway
22	Upgrade HVAC Systems at Administration Building (2022)	3,231	Underway
23	On-Call Maintenance & Repair of the Curtis Creek Draw Bridge (2174)	5,500	Spring, 2010
24	Replace Roof of Police Headquarters (0478)	732	Spring, 2010
25	Replace Roofs of Administrative & Maintenance Buildings (2020)	869	Spring, 2010

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND TRANSPORTATION AUTHORITY - LINE 33 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<u>FY 2010 and Prior (cont'd)</u>			
<u>FORT MCHENRY TUNNEL</u>			
26	Removal of Canton RR Bridge over I-95/Ramp D and Misc. Repairs (1473)	1,290	Complete
27	Central Utility Plant Upgrade (1477)	1,254	Underway
28	Miscellaneous Repairs to Air Ducts and Tile Work Below Tunnel Walkway (1468)	2,622	Underway
29	Replace Electrical Vault (1478)	802	Underway
30	Major Repairs to Tunnel Fire Protection System (1401)	6,145	Underway
31	Study Highway Structures and Lighting (2175)	150	Underway
32	Study of Ramp J from Hanover St. to I-95 Southbound (2169)	35	Underway
33	Study to Extend Ramp Barrier Wall/Install Fence at Exit 57 (O'Donnell Street)/I-95 SB (2093)	52	Underway
34	Replace and Rehabilitate Electrical Switchgear (1476)	4,407	Underway
35	Replace Modular Joint I-95 (Engineering only) (2207)	1,500	Underway
36	Repair Hanover Street Ramp (2157)	3,415	Spring, 2010
37	Replace Dynamic Message Signs and Lane Use Signals with LED Based Technology (1463)	2,970	Spring, 2010
38	Replace East and West Vent Building Roofs (1402)	2,324	Spring, 2010
<u>KENNEDY HIGHWAY</u>			
39	Expand and Improve I-95/Rte. 152 Parking Lots (1206)	1,115	Complete
40	Emergency Tack Welding and Miscellaneous Structural Repairs at the Tydings Bridge (2152)	2,084	Complete
41	Monitor Ground Water Recovery System at Maryland House Sunoco Station (1264)	400	Underway
42	Improve I-95 Perryville Weigh Station Signs (2143)	1,960	Underway
43	CVSU-JFK Scale Upgrades (2164)	135	Underway
44	Drainage Modifications to Hand Boxes (2057)	279	Underway
45	Scour Surge Protection - Tydings Bridges (Engineering Only) (2215)	1,946	Underway
46	Strategic Salt Reserves (Joint project with SHA) (2181)	1,000	Underway
47	Replace 5KV Cable for Rt. 222 Interchange (2155)	505	Spring, 2010

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND TRANSPORTATION AUTHORITY - LINE 33 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<u>FY 2010 and Prior (cont'd)</u>			
<u>MULTI-AREA</u>			
48	Planning Studies for Strategic Development (1994)	5,519	Complete
49	Electronic Toll System Replacement and Operation System - Next Generation (1958)	38,550	Complete
50	Miscellaneous Paving Repairs (1938)	3,927	Complete
51	Map Construction Contracts to Analyze the Maintenance of Traffic Conflicts (2077)	49	Complete
52	Replace Uninterruptible Power Supply at Various Locations (1953)	1,234	Complete
53	Miscellaneous Upgrade/Replace Highway Signs, Pavement Markers & RPM (1980)	4,141	Underway
54	Annual Inspection of Authority Facilities - FY05-FY09 (1986)	13,114	Underway
55	Install Closed Circuit TV Systems at FSK, HWN, TJH Facilities (1976)	7,036	Underway
56	Study Toll Facility Cost Allocation (2002)	299	Underway
57	Upgrade Authority Operation Center at FMT and BHT (1954)	9,163	Underway
58	Building Security Improvements - Phase II (1983)	7,386	Underway
59	Maintenance and Repair of Security System (Phase I) (2075)	138	Underway
60	On-Call Miscellaneous Structural Repairs at Various Facilities (1900)	8,988	Underway
61	Radio Rebroadcast Systems in Fort McHenry and Harbor Tunnels (1963)	1,035	Underway
62	Security Related Plans, Evaluations and Upgrades (1467)	400	Underway
63	Upgrade and Replace Metal Traffic Barrier and Attenuators (2011)	2,858	Underway
64	Electronic Toll Collection Replacement and Operating System - 3rd Generation (2147)	12,184	Underway
65	Emergency Light Poles Replacement and Bases at FMT and FSK (2066)	424	Underway
66	Engineering Study for Travel Time System (2110)	250	Underway
67	Install Highway Advisory Radio Transmitters and Signs - JFK and WPL (2008)	892	Underway
68	Law Enforcement IT Systems Plan - Multi-Area (2060)	9,281	Underway
69	Management Review of Offices of Engineering and Construction Divisions (2153)	150	Underway
70	Miscellaneous Real Estate Services (1997)	3,684	Underway
71	Miscellaneous Traffic Studies (2131)	3,633	Underway
72	NPDES Environmental Compliance Inspection and Remediation (2007)	12,258	Underway
73	Planning Studies for Strategic Development - Second Generation (2001)	7,866	Underway
74	Rehabilitation of Static Scale Pit at Perryville Scale House (NB and SB) (2119)	100	Underway
75	Study Annual Electrical Testing Program for Tunnels (2125)	178	Underway

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND TRANSPORTATION AUTHORITY - LINE 33 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<u>FY 2010 and Prior (cont'd)</u>			
<u>MULTI-AREA (cont'd)</u>			
76	Study Commercial Vehicle Inspection Facilities at the BHT, KB, FMT (2073)	330	Underway
77	Study FMT/BHT Campus Master Plans (2044)	176	Underway
78	System Preservation Program Reserve - Priority 2 Projects (1979)	218,802	Underway
79	University of Maryland- Concept of Operations for Congestion Management (2133)	90	Underway
80	Annual Inspection of Authority Facilities - FY09-FY14 (2084)	46,050	Underway
81	Cleaning and Painting, Bearing Repairs, Joint Modifications & Misc. Repairs at BHT and FSK Bridges (1940)	8,594	Underway
82	Comprehensive Building Inspection Program (2177)	1,000	Underway
83	Furnish and Install Camera and Coding & Decoding Equipment - Codec and Related Equipment (2014)	4,287	Underway
84	Incident Detection System Maintenance Contract (in tunnels) (2127)	153	Underway
85	Miscellaneous Paving Repairs (2142)	5,010	Underway
86	Repair & Replace Raised Pavement Marking (RPM) Housing and Lenses (2085)	118	Underway
87	Right-of-Way and General Fencing at Various Locations (2144)	836	Underway
88	Study for Generators Maintenance and Repair Needs - All facilities (2105)	100	Underway
89	Study Police Special Operations Facility & Garage (2117)	26	Underway
90	Study Roadway Lighting Maintenance Options (2109)	100	Underway
91	Study to Evaluate Toll Booth Condition (2094)	90	Underway
92	Study to Upgrade Fire Alarm System in Tunnels (2104)	200	Underway
93	On-Call Structural Repairs and Miscellaneous Modifications (2124)	5,095	Underway
94	On-Call Structural Repairs and Miscellaneous Modifications (2168)	13,200	Underway
95	Open Road Tolling Authority-wide Feasibility Study (2183)	500	Underway
96	Speed Camera Program (2223)	100	Underway
97	Upgrade and Replace Metal Barriers and Attenuators (1922)	2,525	Underway
98	Design & Construct Security Fencing at Shores of Major Bridges (TJH, FSK HWN & Tydings) (2130)	1,850	Spring, 2010
99	Information Technology Strategic Plan (1942)	4,827	Spring, 2010
100	Maintenance Contract for Uninterruptible Power Supply Needs (2106)	323	Spring, 2010
101	On-Call Miscellaneous Shotcrete Repair (2149)	8,256	Spring, 2010
102	On-Call Structural Repairs and Miscellaneous Modifications (2171)	13,200	Spring, 2010
103	On-Call Structural Repairs and Miscellaneous Modifications (2176)	13,200	Spring, 2010

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND TRANSPORTATION AUTHORITY - LINE 33 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<u>FY 2010 and Prior (cont'd)</u>			
<u>MULTI-AREA (cont'd)</u>			
104	Replace Intercom Systems at Toll Collection Booths - Authority wide (2162)	325	Spring, 2010
<u>NICE BRIDGE</u>			
105	Approach Roadway Rehabilitation, Realignment, Toll Booth Replace and Misc. Bridge Repair (1029)	9,965	Underway
106	Fog Detection and Warning System (2154)	250	Underway
107	Renovate Administration Building (1025)	2,103	Spring, 2010
<u>POINT BREEZE</u>			
108	Replace Electrical Switchgear - Phase II (2004)	48	Complete
<u>W. P. LANE BRIDGE</u>			
109	Replace 5KV Cables & Misc. Repairs & Upgrades to the Electrical Systems (0650)	6,800	Underway
110	Replace Traffic System Controllers, Signals and Communications and Replace Cameras and Remount (0651)	6,375	Underway
111	Study of Eastern Shore Emergency Operations Building (2048)	50	Underway
112	Rehabilitation of Toll Collector Tunnel (2050)	75	Underway
113	Bridge West Bound Railing (Engineering only) (2198)	461	Underway
114	Fatigue Retrofits - Bay Bridge (Engineering only) (2217)	2,573	Underway
115	Repair Under Water Scour and Pier Concrete (Engineering only) (2197)	2,000	Underway
116	Replace Roof on Administration/Maintenance Building (2047)	542	Underway
117	Security Fencing at WB Bridge Anchor Pier - Eastern Shore Fencing (2167)	679	Spring, 2010
<u>FY 2011</u>			
<u>BALTIMORE HARBOR TUNNEL</u>			
118	Overlay K-Truss Deck (2210)	5,148	Summer, 2010

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND TRANSPORTATION AUTHORITY - LINE 33 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<u>FY 2011 (cont'd)</u>			
<u>BALTIMORE HARBOR TUNNEL (cont'd)</u>			
119	Replace Tunnel Fresh Air Duct Drainage (2213)	2,796	Summer, 2010
120	Replace Ceiling Panels (2172)	333	Fall, 2010
121	Replace Overheight Detection System (2151)	650	Fall, 2010
<u>F.S.KEY BRIDGE</u>			
122	Fatigue Retrofits - Curtis Creek (Engineering only) (2214)	1,218	Summer, 2010
123	Replace Light Poles (2150)	388	Summer, 2010
124	Replacement Breaker and Repair Miscellaneous Electricals (2203)	306	Summer, 2010
<u>FORT MCHENRY TUNNEL</u>			
125	Replace Administration Building Generator (2138)	320	Fall, 2010
<u>KENNEDY HIGHWAY</u>			
126	Inspect York Building Products Bridge over I-95 (2179)	75	Summer, 2010
127	Plan Review & Field Monitoring Abingdon Plant Tunnel under I-95 (2180)	200	Summer, 2010
128	Expansion Joint Modification of the Tydings Bridge (SB) and Miscellaneous Structural (2182)	5,500	Fall, 2010
<u>MULTI-AREA</u>			
129	Furnish and Install Radiax Cable within Tunnels (2156)	1,874	Summer, 2010
130	Miscellaneous Paving Repairs (2193)	17,425	Summer, 2010
131	Miscellaneous Roadway Lighting Repairs and Modifications (1913)	3,722	Summer, 2010
132	Mitigate Flood at Fairfield Ventilation and Service Buildings - FMT and BHT (0290)	1,250	Summer, 2010
133	Rehabilitation Evaluation Program (Engineering only) (2196)	6,573	Summer, 2010
134	Replace Navigational Lighting Systems to Francis Scott Key, Nice Memorial Bridge and Bay Bridge (2074)	2,445	Summer, 2010

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND TRANSPORTATION AUTHORITY - LINE 33 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<u>FY 2011 (cont'd)</u>			
<u>MULTI-AREA (cont'd)</u>			
135	Upgrade and Replace Metal Traffic Barriers and Attenuators (2195)	5,723	Summer, 2010
136	Analyze Authority Facilities for Gas and Electric Energy Consumption (2078)	50	Spring, 2011
137	Install Security Systems/Video Surveillance at 5 Major Bridges (1966)	7,671	Spring, 2011
138	Structural On-Call Contract (2189)	54,851	Spring, 2011
<u>POINT BREEZE</u>			
139	Replace Roof of Garage Building (2108)	639	Summer, 2010
<u>W. P. LANE BRIDGE</u>			
140	Replace Existing DMS and Install New DMS - One Signs off US 50 (1914)	561	Summer, 2010
141	Replace Underground Tanks at Administration Building & Police West Garage - Bay Bridge (2051)	938	Summer, 2010
142	Shielding of Suspension Cables - Bay Bridge (2046)	9,260	Spring, 2011