

State Highway Administration

Anne Arundel County

MD 175: Intersection Improvements between MD 32 and I-95

TIP Id #	61-0802-39	Year of Operation	2013
Agency	State Highway Administration	Project Type	Other
Project Category	Environmental/Safety	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP/CTP Page#	#State7		

Description	Justification
<p>Design and construct intersection improvements at key locations along access routes to Fort Meade. Bicycle and pedestrian facilities will be provided where appropriate. As the design phase progresses, decisions will be made regarding intersection locations and the extent of improvements based upon available construction funding.</p> <p>Proposed locations include: MD 175 at Reece Road, MD 175 at Mapes Road, MD 175 at Disney Road and MD 175 at Rockenbach Road.</p>	<p>Improved access to Fort Meade is a vital component needed to accommodate the increase of employment as a result of BRAC. These intersection improvements will improve safety, capacity and operations in the near-term.</p>

Section 1702 High Priority Project

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$1,043		\$1,796								\$2,839
OTH	\$1,937		\$1,661								\$3,598
PE		\$297									\$297
PP											\$0
ROW											\$0
Totals	\$2,980	\$297	\$3,457	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,734

2012 - 2015 Transportation Improvement Program

State Highway Administration

Environmental/Safety

MD 175: Intersection Improvements between MD 32 and I-95 - continued

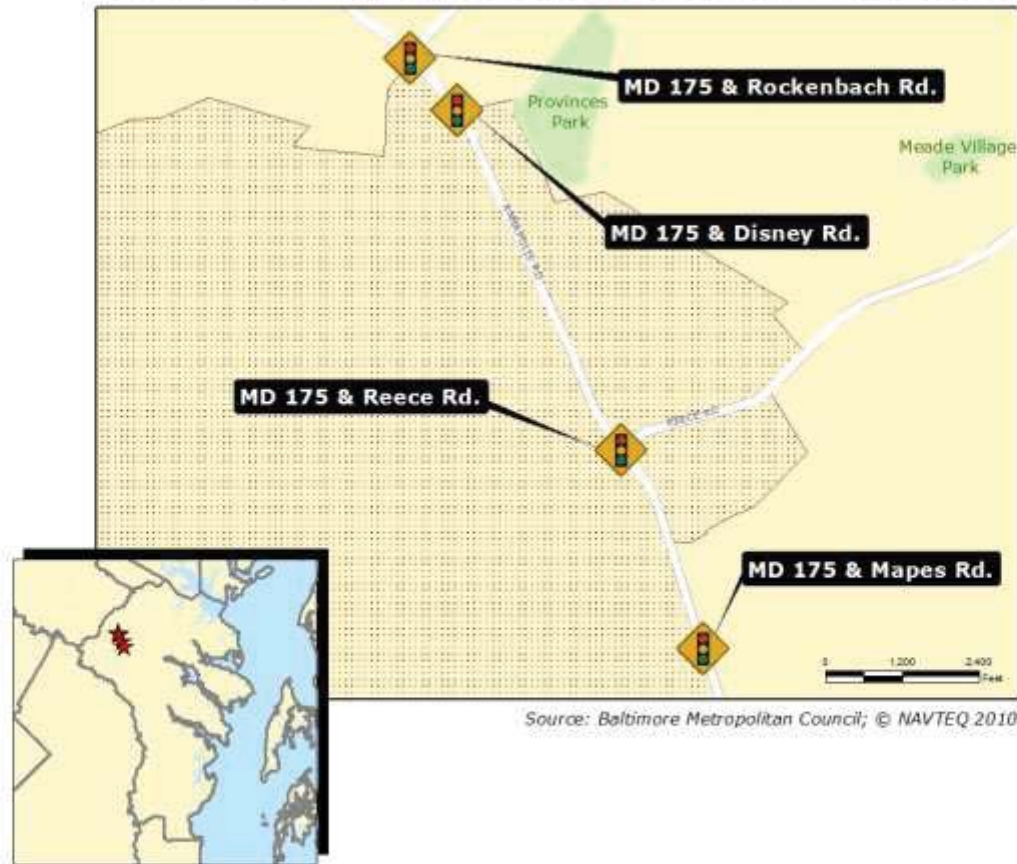
National Highway System

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$294		\$8,615		\$10,139						\$19,048
OTH	\$546		\$486								\$1,032
PE	\$1,500	\$4,962	\$1,500	\$552							\$8,514
PP	\$750		\$250								\$1,000
ROW	\$221	\$246	\$7,714								\$8,181
Totals	\$3,311	\$5,208	\$18,565	\$552	\$10,139	\$0	\$0	\$0	\$0	\$0	\$37,775

Public Land Highways

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON			\$2,753								\$2,753
OTH											\$0
PE	\$451										\$451
PP											\$0
ROW	\$2,819										\$2,819
Totals	\$3,270	\$0	\$2,753	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,023

MD 175: Intersection Improvements between MD 32 and I-95



MD 295: I-695 to I-195

TIP Id #	61-0501-41	Year of Operation	2012
Agency	State Highway Administration	Project Type	Roadway widening
Project Category	Highway Capacity	Functional Class	Freeway
Conformity Status	Not Exempt	Physical Data	1.5 miles / 4 to 6 lanes
CIP/CTP Page#	AA3511		

Description	Justification
Widen MD 295 from 4 to 6 lanes from I-695 (Baltimore Beltway) to I-195.	This project will ease growing congestion and improve access to one of the State's economic engines, the Baltimore-Washington International Thurgood Marshall Airport.

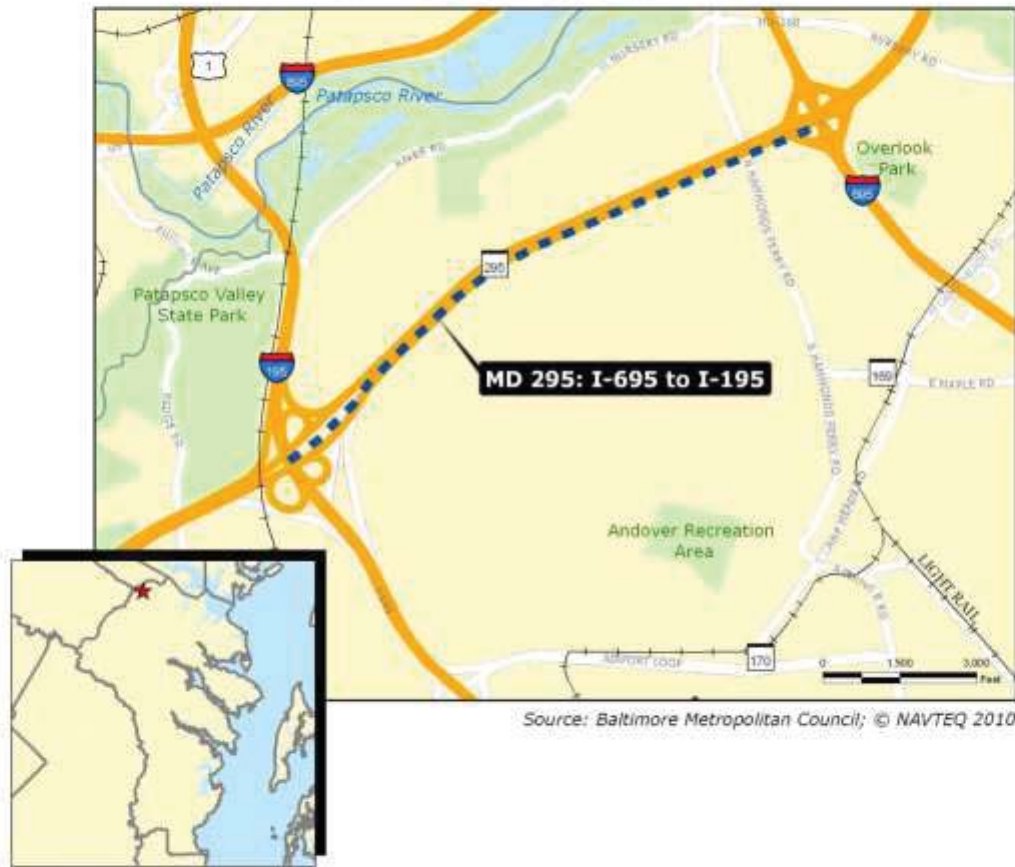
Section 1702 High Priority Project

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$4,333	\$1,124	\$34	\$11							\$5,502
OTH											\$0
PE											\$0
PP											\$0
ROW											\$0
Totals	\$4,333	\$1,124	\$34	\$11	\$0	\$0	\$0	\$0	\$0	\$0	\$5,502

National Highway System

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$2,239	\$577	\$2,104	\$526							\$5,446
OTH											\$0
PE	\$1,191	\$298									\$1,489
PP											\$0
ROW											\$0
Totals	\$3,430	\$875	\$2,104	\$526	\$0	\$0	\$0	\$0	\$0	\$0	\$6,935

MD 295: I-695 to I-195



MD 175: MD 295 to MD 170

TIP Id #	61-0605-41	Year of Operation	n/a
Agency	State Highway Administration	Project Type	Roadway widening
Project Category	Highway Capacity	Functional Class	Minor arterial
Conformity Status	Exempt	Physical Data	2-4 lanes to 6-lane divided; 5.2 miles
CIP/CTP Page#	AA4361		

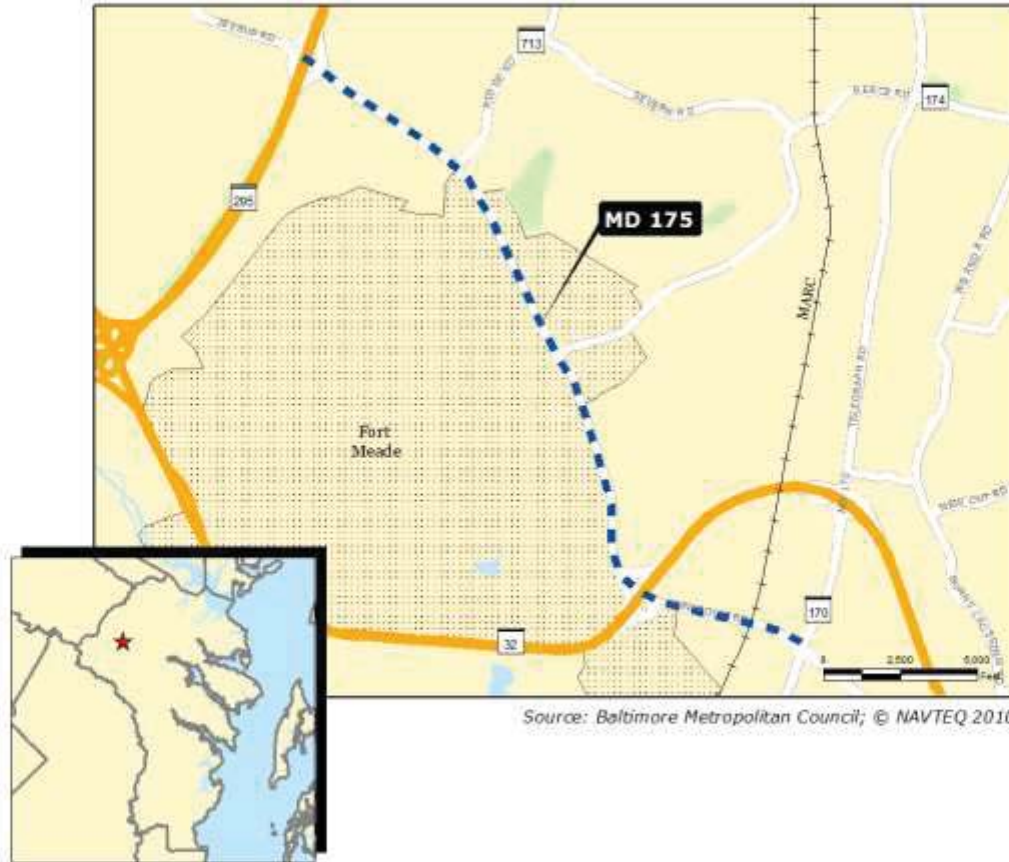
Description	Justification
This study will identify traffic flow improvements on MD 175 from MD 295 to MD 170. Bicycle and pedestrian accommodations will be provided where appropriate.	This project would address current and future congestion along MD 175 and will improve access to Fort Meade.

Section 1702 High Priority Project

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON											\$0
OTH											\$0
PE	\$582	\$110	\$780	\$220	\$780	\$220	\$1,602	\$652			\$4,946
PP	\$2,240	\$632	\$78	\$22							\$2,972
ROW											\$0
Totals	\$2,822	\$742	\$858	\$242	\$780	\$220	\$1,602	\$652	\$0	\$0	\$7,918

Estimated Total Project Cost (may include costs beyond FY 2015): \$340.5 million

MD 175: MD 295 to MD 170



State Highway Administration

Baltimore County

US 40 (Pulaski Highway) Revitalization

TIP Id #	63-1105-09	Year of Operation	n/a
Agency	State Highway Administration	Project Type	Other ERS
Project Category	Emission Reduction Strategy	Functional Class	NA
Conformity Status		Physical Data	NA
CIP/CTP Page#	NA		

Description	Justification
Baltimore County conducted a Phase I study in 2009 and a Phase II study in 2010, to prepare for revitalization planning. The studies were conducted with funds provided by the Chesapeake Science and Security Corridor (CSSC) Consortium. The Phase I study included an assessment of the US 40 corridor, which resulted in the identification of an optimal location for an initial redevelopment project. The Phase II study included traffic modeling and transportation analyses; the compilation of mapped data into an automated (GIS) format; and discussions with property owners, residents, and civic and business organizations in the district and vicinity. The US 40 (Pulaski Highway) Revitalization Project is for Phase III and involves detailed planning and the preparation of implementation tools.	Through coordinated revitalization efforts, including mixed-use redevelopment in the proposed revitalization district, combined with the creation of a local street network, and changes to support multi-modal travel, implementation of these efforts would result in less future congestion at many intersections in the area. This project can also serve as a real-world test case for the US 40 Carbon Neutral Corridor Pilot Project.

**Other
(Transportation, Community, and System Preservation Program)**

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON											\$0
OTH											\$0
PE											\$0
PP			\$130	\$33							\$163
ROW											\$0
Totals	\$0	\$0	\$130	\$33	\$0	\$0	\$0	\$0	\$0	\$0	\$163

I-695: I-83 (JFX) to I-95

TIP Id #	63-9305-41	Year of Operation	n/a
Agency	State Highway Administration	Project Type	Roadway widening
Project Category	Highway Capacity	Functional Class	Interstate
Conformity Status	Exempt	Physical Data	6 to 8 lanes; 11.4 miles
CIP/CTP Page#	BA6351		

Description	Justification
Study to upgrade existing I-695 to an 8-lane freeway from I-83 (JFX) to I-95.	This project is studying how to provide additional capacity and improve operations and safety of this segment of I-695.

Interstate Maintenance

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON											\$0
OTH											\$0
PE	\$3,769	\$2,527	\$123	\$177							\$6,596
PP	\$1,061	\$454									\$1,515
ROW	\$23	\$118									\$141
Totals	\$4,853	\$3,099	\$123	\$177	\$0	\$0	\$0	\$0	\$0	\$0	\$8,252

I-695 Bridge over Wilkens Avenue

TIP Id #	63-1201-13	Year of Operation	2013
Agency	State Highway Administration	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	Interstate
Conformity Status	Exempt	Physical Data	5 to 5 lanes
CIP/CTP Page#	NA		

Description	Justification
Replace I-695 Bridge over MD 372 (Wilkens Avenue) \$1 million in 2014 for project closeout.	The existing bridge is deteriorated and in need of replacement. The new bridge will be designed to accommodate the future widening of the Baltimore Beltway. This is a breakout of TIP #63-0601-41 (I-695: I-95 to MD 122).

Bridge Replacement and Rehabilitation

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON					\$8,192		\$1,000				\$9,192
OTH											\$0
PE	\$610	\$180	\$8,008								\$8,798
PP											\$0
ROW											\$0
Totals	\$610	\$180	\$8,008	\$0	\$8,192	\$0	\$1,000	\$0	\$0	\$0	\$17,990

MD 144 over I-695

TIP Id #	63-1202-13	Year of Operation	2014
Agency	State Highway Administration	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	Interstate
Conformity Status	Exempt	Physical Data	4 to 4 lanes
CIP/CTP Page#	BA977A		

Description	Justification
Replace existing bridge at MD 144 (Frederick Road) over I-695.	The existing bridge is deteriorated and in need of replacement. It will be removed and replaced with a wider, higher and longer bridge to improve safety, allow for future traffic growth and for the future widening of I-695 underneath the bridge. This is a breakout of TIP #63-0601-41 (I-695: I-95 to MD 122)

Bridge Replacement and Rehabilitation

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$1,663	\$61	\$5,418	\$94	\$5,972	\$23	\$3,460	\$14			\$16,705
OTH											\$0
PE											\$0
PP											\$0
ROW											\$0
Totals	\$1,663	\$61	\$5,418	\$94	\$5,972	\$23	\$3,460	\$14	\$0	\$0	\$16,705

I-695: Bridge at MD 139

TIP Id #	63-0801-13	Year of Operation	2012
Agency	State Highway Administration	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	Interstate
Conformity Status	Not Exempt	Physical Data	4 to 4 lanes
CIP/CTP Page#	BA977A		

Description	Justification
Replace existing bridge at MD 139 (Charles Street).	The existing bridge is deteriorated and in need of replacement. The new bridge will be designed to accommodate the future widening of the Baltimore Beltway. This is a breakout of TIP # 63-9305-41 (I-695, from I-83 to I-95). BRR funds not entered here. All BRR funding accounted for in Areawide TIP# 60-9310-13.

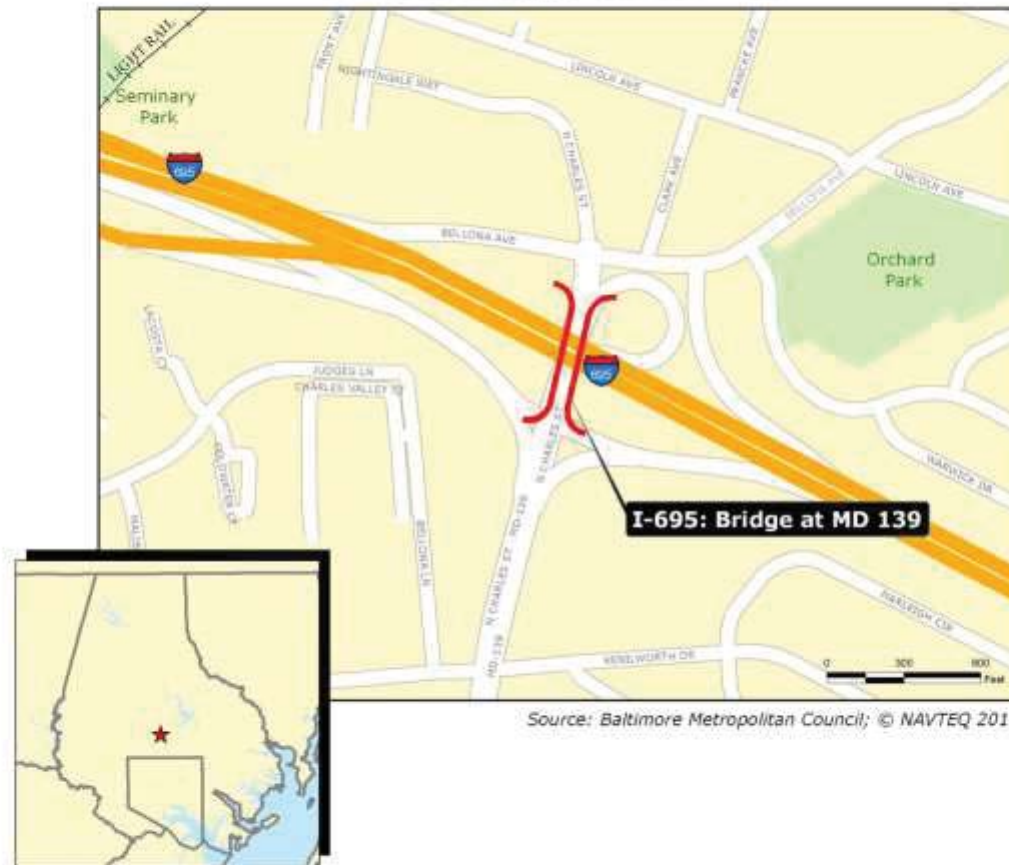
Section 1702 High Priority Project

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$84	\$24									\$108
OTH											\$0
PE	\$1,318	\$371	\$840	\$237	\$780	\$220	\$771	\$217			\$4,754
PP											\$0
ROW											\$0
Totals	\$1,402	\$395	\$840	\$237	\$780	\$220	\$771	\$217	\$0	\$0	\$4,862

Interstate Maintenance

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$33,557	\$1,122	\$9,983	\$18	\$3,380						\$48,060
OTH		\$300									\$300
PE	\$1,414	\$606									\$2,020
PP											\$0
ROW		\$102									\$102
Totals	\$34,971	\$2,130	\$9,983	\$18	\$3,380	\$0	\$0	\$0	\$0	\$0	\$50,482

I-695: Bridge at MD 139



I-695: Bridge at MD 26

TIP Id #	63-0804-13	Year of Operation	2014
Agency	State Highway Administration	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	Interstate
Conformity Status	Exempt	Physical Data	4 to 4 lanes
CIP/CTP Page#	#BA4621		

Description	Justification
Replace Bridge #3139 at MD 26 and I-695 (Liberty Road). (American Recovery Reinvestment Act funds used for Project Planning and Preliminary Engineering)	This project will replace the structurally deficient bridge. The new bridge will be designed to accommodate the future widening of I-695, the Baltimore Beltway. This is an ARRA Phase 2 project.

Bridge Replacement and Rehabilitation

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$7,389	\$11	\$7,306	\$78	\$5,011	\$79	\$70	\$19			\$19,963
OTH											\$0
PE											\$0
PP											\$0
ROW											\$0
Totals	\$7,389	\$11	\$7,306	\$78	\$5,011	\$79	\$70	\$19	\$0	\$0	\$19,963

US 40, Baltimore National Pike

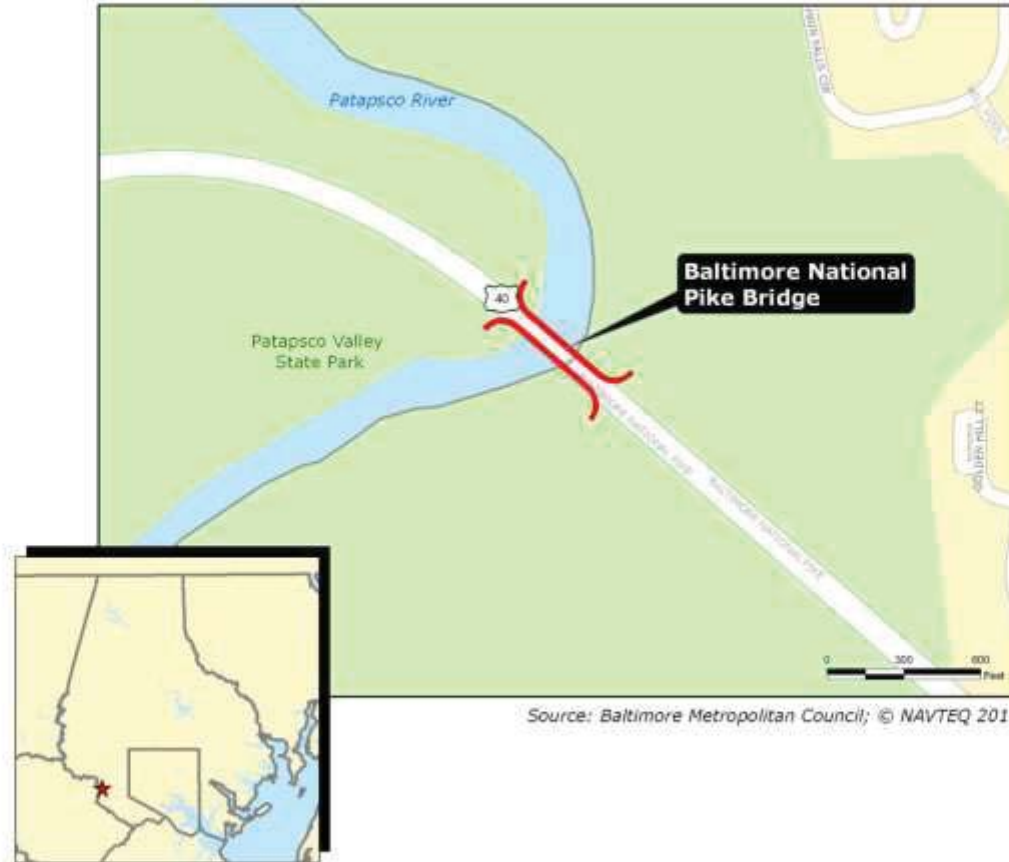
TIP Id #	63-1104-13	Year of Operation	2015
Agency	State Highway Administration	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	Principal arterial
Conformity Status	Exempt	Physical Data	4 to 4 lanes
CIP/CTP Page#	BA4671		

Description	Justification
Replace Bridge 3109 over the Patapsco River	<p>The project will replace the existing deteriorating bridge.</p> <p>Previous project costs have been accounted for in the Areawide Bridge Replacement and Rehabilitation Program.</p>

Bridge Replacement and Rehabilitation

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$2,313	\$39	\$6,184	\$57	\$7,080	\$36	\$1,890	\$9			\$17,608
OTH											\$0
PE	\$211	\$70									\$281
PP											\$0
ROW	\$45	\$1									\$46
Totals	\$2,569	\$110	\$6,184	\$57	\$7,080	\$36	\$1,890	\$9	\$0	\$0	\$17,935

US 40/Baltimore National Pike Bridge



State Highway Administration

Harford County

BRAC Related Intersections near Aberdeen Proving Ground

TIP Id #	65-0804-39	Year of Operation	2013
Agency	State Highway Administration	Project Type	Other
Project Category	Environmental/Safety	Functional Class	Collectors, major or minor
Conformity Status	Exempt	Physical Data	NA
CIP/CTP Page#	NA		

Description	Justification
<p>Design and construct intersection improvements at key locations along access routes to Aberdeen Proving Ground. Bicycle and pedestrian facilities will be provided where appropriate. As the design phase progresses, decisions will be made regarding intersection locations and the extent of improvements based upon available construction funding.</p> <p>Proposed locations include: MD 22 at MD 462, MD 22 at Old Post Road, US 40 at MD 7/MD 159 and US 40 at MD 715.</p>	<p>Improved access to Aberdeen Proving Ground is a vital component needed to accommodate the increase of employment as a result of BRAC. These intersection improvements will improve safety, capacity and operations in the near-term.</p>

National Highway System

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON			\$5,226		\$5,227						\$10,453
OTH											\$0
PE	\$3,900	\$1,688	\$500	\$200		\$200					\$6,488
PP											\$0
ROW	\$400		\$300								\$700
Totals	\$4,300	\$1,688	\$6,026	\$200	\$5,227	\$200	\$0	\$0	\$0	\$0	\$17,641

2012 - 2015 Transportation Improvement Program

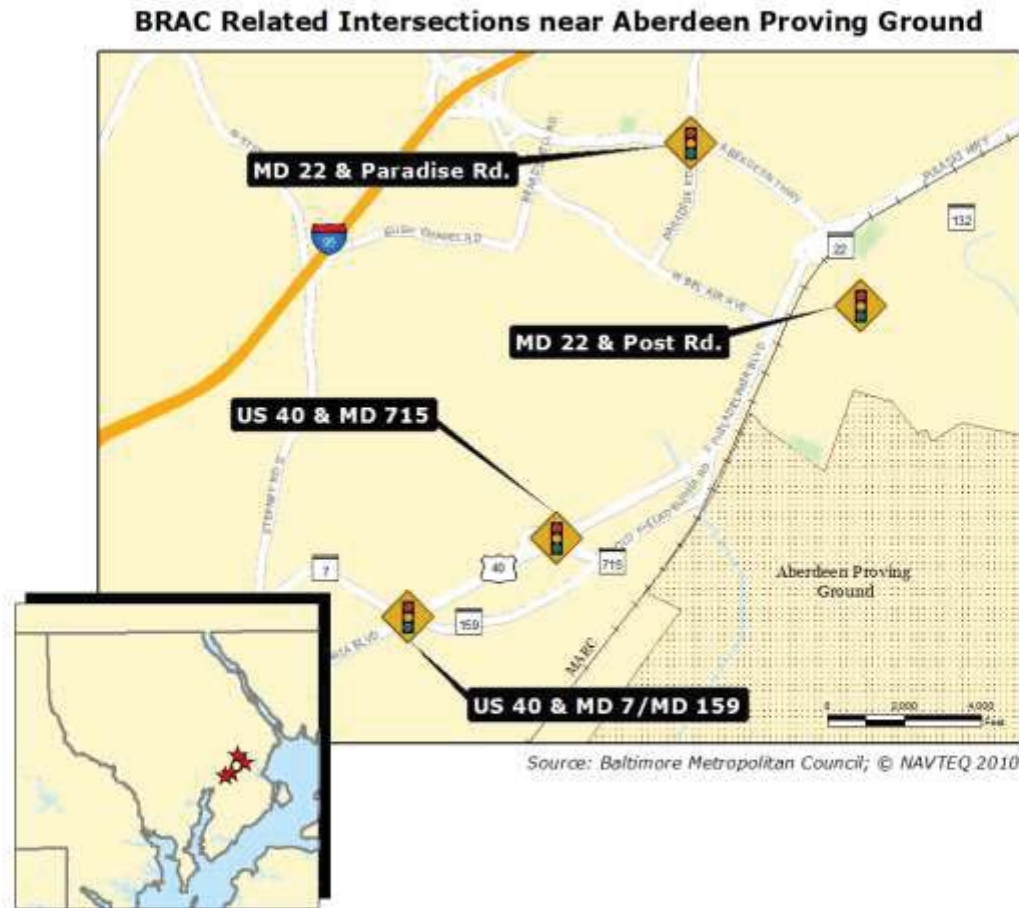
State Highway Administration

Environmental/Safety

BRAC Related Intersections near Aberdeen Proving Ground - continued

Public Land Highways

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON											\$0
OTH											\$0
PE	\$1,406		\$1,000		\$475						\$2,881
PP											\$0
ROW											\$0
Totals	\$1,406	\$0	\$1,000	\$0	\$475	\$0	\$0	\$0	\$0	\$0	\$2,881



US 40 at MD 715

TIP Id #	65-0803-46	Year of Operation	2013
Agency	State Highway Administration	Project Type	New interchange
Project Category	Highway Capacity	Functional Class	Principal arterial
Conformity Status	Not Exempt	Physical Data	4 to 6 lanes
CIP/CTP Page#	HA2701		

Description	Justification
Construct improvements to address operational issues at MD 715 by adding turning movements from MD 715 to US 40 and from US 40 to MD 715 and widen 4 to 6 lanes on MD 715 from US 40 to Aberdeen Proving Ground (BRAC related).	This project will improve safety and operations along US 40. It will also improve access to the town of Aberdeen, Aberdeen Proving Ground and industrial parks in the area.

Section 1702 High Priority Project

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$2,585	\$2	\$5,415								\$8,002
OTH											\$0
PE											\$0
PP											\$0
ROW											\$0
Totals	\$2,585	\$2	\$5,415	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,002

Public Land Highways

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON											\$0
OTH	\$1,168		\$1,557		\$260						\$2,985
PE											\$0
PP											\$0
ROW	\$1,953		\$2,500								\$4,453
Totals	\$3,121	\$0	\$4,057	\$0	\$260	\$0	\$0	\$0	\$0	\$0	\$7,438

2012 - 2015 Transportation Improvement Program

State Highway Administration

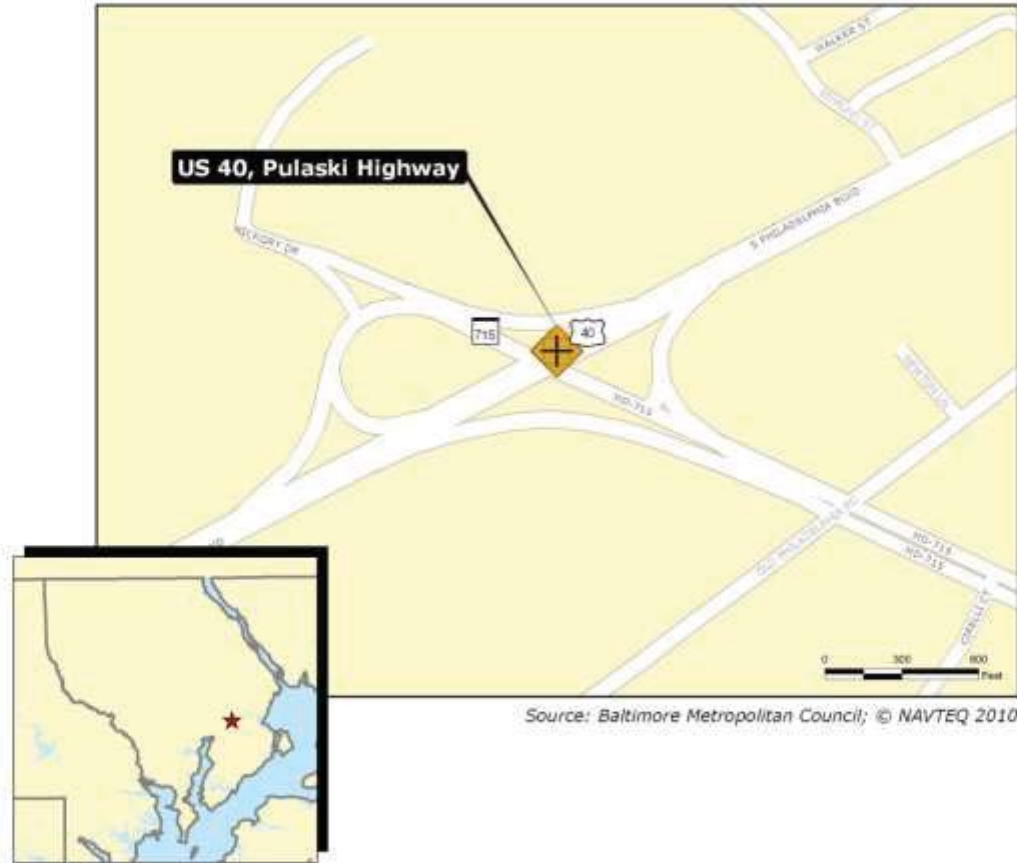
Highway Capacity

US 40 at MD 715 - continued

Surface Transportation Program

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON			\$782		\$6,989		\$4,726				\$12,497
OTH											\$0
PE	\$400	\$2,789	\$363								\$3,552
PP											\$0
ROW	\$4,569										\$4,569
Totals	\$4,969	\$2,789	\$1,145	\$0	\$6,989	\$0	\$4,726	\$0	\$0	\$0	\$20,618

US 40, Pulaski Highway



MD 24: south of Sharon Road to north of Stirrup Run Culvert

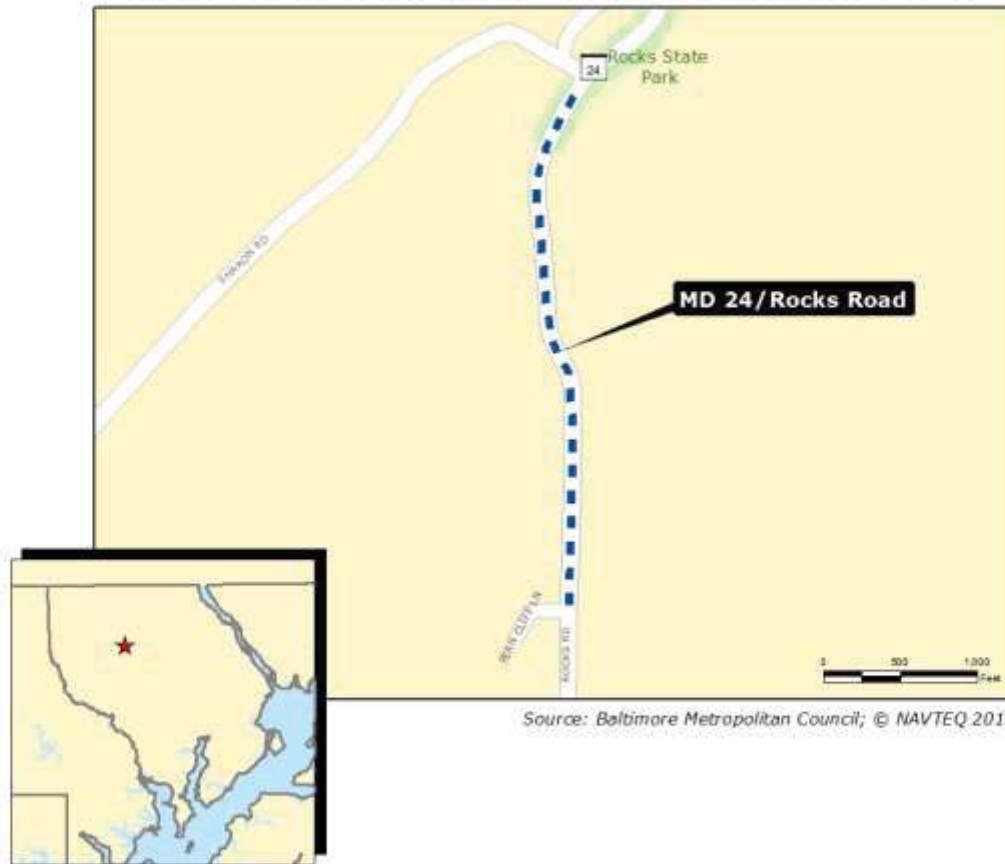
TIP Id #	65-1101-12	Year of Operation	2014
Agency	State Highway Administration	Project Type	Road reconstruction
Project Category	Highway Preservation	Functional Class	Collectors, major or minor
Conformity Status	Exempt	Physical Data	2 to 2 lanes
CIP/CTP Page#	NA		

Description	Justification
MD 24 will be reconstructed, with slopes repaired and guardrail replaced from south of Sharon Road to north of Stirrup Run Culvert.	This project will provide safety improvements and improve traffic operations.

Surface Transportation Program

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON				\$2,627	\$1,007	\$1,983	\$2,898	\$2,099			\$10,614
OTH											\$0
PE		\$1,532		\$100							\$1,632
PP											\$0
ROW		\$35		\$265							\$300
Totals	\$0	\$1,567	\$0	\$2,992	\$1,007	\$1,983	\$2,898	\$2,099	\$0	\$0	\$12,546

MD 24: South of Sharon Rd. to north of Stirrup Run Culvert



State Highway Administration

Howard County

US 29, Columbia Pike (Phase I)

TIP Id #	66-1101-41	Year of Operation	2014
Agency	State Highway Administration	Project Type	Roadway widening
Project Category	Highway Capacity	Functional Class	Freeway
Conformity Status	Not Exempt	Physical Data	5 to 6 lanes; 2.8 miles
CIP/CTP Page#	NA		

Description	Justification
Widen the northbound section of US 29 from Seneca Drive to MD 175 from 2 to 3 lanes.	The project will improve safety and reduce congestion by upgrading northbound US 29 to match the southbound section, which is currently 3 lanes.

Section 1702 High Priority Project

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON											\$0
OTH											\$0
PE	\$823	\$464	\$1,459		\$27	\$866					\$3,639
PP											\$0
ROW					\$3,132						\$3,132
Totals	\$823	\$464	\$1,459	\$0	\$3,159	\$866	\$0	\$0	\$0	\$0	\$6,771

US 1: Baltimore Co. to Prince George's Co. Line

TIP Id #	66-0501-19	Year of Operation	n/a
Agency	State Highway Administration	Project Type	Other
Project Category	Highway Preservation	Functional Class	Principal arterial
Conformity Status	Exempt	Physical Data	11.0 miles; 4 lanes
CIP/CTP Page#	H03321		

Description	Justification
Study of potential improvements along the US 1 corridor from the Prince George's County Line to the Baltimore County Line, including potential interchange improvements at MD 175, Guilford and Corridor Roads.	Howard County rezoned the entire US 1 corridor and completed a Corridor Revitalization Study which identified several needed improvements along US 1. This study will address the impacts of the rezoning and the Study on the US 1 corridor.

Section 1702 High Priority Project

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON											\$0
OTH											\$0
PE											\$0
PP	\$744	\$213	\$47	\$13							\$1,017
ROW											\$0
Totals	\$744	\$213	\$47	\$13	\$0	\$0	\$0	\$0	\$0	\$0	\$1,017

US 1, Washington Boulevard



State Highway Administration

Regional

Areawide Enhancement Projects

TIP Id #	60-9903-29	Year of Operation	Ongoing
Agency	State Highway Administration	Project Type	Other
Project Category	Enhancement Program	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP/CTP Page#	A-22		

Description	Justification
<p>Enhancement Program projects include: pedestrian/bicycle facilities; acquisition of scenic easements and historic sites; scenic/historic highway programs; landscaping/beautification; historic preservation; rehabilitation/operation of historic transportation facilities, including railroad facilities and canals; preservation of abandoned railway corridors; archeological planning/research; and mitigation of water pollution due to highway runoff.</p> <p>Funding level is represented as 37% of statewide level as shown in CTP. Match to provided by project sponsors.</p>	<p>Transportation enhancements are projects which add community and environmental value to the transportation system.</p>

Enhancement Funds under STP

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$2,250	\$450	\$2,325	\$450	\$2,325	\$450	\$2,400	\$450	\$5,100	\$1,050	\$17,250
OTH											\$0
PE	\$450	\$90	\$465	\$90	\$465	\$90	\$480	\$90	\$1,020	\$210	\$3,450
PP	\$150	\$30	\$155	\$30	\$155	\$30	\$160	\$30	\$340	\$70	\$1,150
ROW	\$150	\$30	\$155	\$30	\$155	\$30	\$160	\$30	\$340	\$70	\$1,150
Totals	\$3,000	\$600	\$3,100	\$600	\$3,100	\$600	\$3,200	\$600	\$6,800	\$1,400	\$23,000

Areawide Recreational Trails Program

TIP Id #	60-0101-38	Year of Operation	Ongoing
Agency	State Highway Administration	Project Type	Environmental other
Project Category	Environmental/Safety	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP/CTP Page#	A-22		

Description	Justification
<p>The Recreational Trails Program is intended to develop and maintain recreational trails for motorized and nonmotorized recreational trail users. It includes projects that provide for the redesign, reconstruction, non-routine maintenance, or relocation of recreational trails to benefit the natural environment.</p> <p>Funding level is represented as 37% of statewide level as shown in CTP. Match to be provided by project sponsors.</p>	<p>These projects will provide environmental enhancement, protection and safety related to the use of recreational trails.</p>

Recreational Trails Program

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$300	\$75	\$300	\$75	\$300	\$75	\$300	\$75	\$300	\$75	\$1,875
OTH											\$0
PE	\$60	\$15	\$60	\$15	\$60	\$15	\$60	\$15	\$60	\$15	\$375
PP	\$20	\$5	\$20	\$5	\$20	\$5	\$20	\$5	\$20	\$5	\$125
ROW	\$20	\$5	\$20	\$5	\$20	\$5	\$20	\$5	\$20	\$5	\$125
Totals	\$400	\$100	\$400	\$100	\$400	\$100	\$400	\$100	\$400	\$100	\$2,500

2012 - 2015 Transportation Improvement Program

State Highway Administration

Environmental/Safety

Areawide Environmental Projects

TIP Id #	60-9506-38	Year of Operation	Ongoing
Agency	State Highway Administration	Project Type	Environmental other
Project Category	Environmental/Safety	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP/CTP Page#	A-22		

Description	Justification
<p>There are non-capacity improvements which include projects dealing with noise abatement, wetlands, reforestation, landscape planting, scenic beautification, and pedestrian or bicycle facilities.</p> <p>Funding level is represented as 37% of statewide level as shown in CTP.</p>	<p>Will restore important wetlands, enhance the surrounding environment and community, and reduce noise impacts.</p>

National Highway System

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$1,500	\$300	\$975	\$225	\$675	\$150	\$450	\$75	\$975	\$225	\$5,550
OTH											\$0
PE	\$300	\$60	\$195	\$45	\$135	\$30	\$90	\$15	\$195	\$45	\$1,110
PP	\$100	\$20	\$65	\$15	\$45	\$10	\$30	\$5	\$65	\$15	\$370
ROW	\$100	\$20	\$65	\$15	\$45	\$10	\$30	\$5	\$65	\$15	\$370
Totals	\$2,000	\$400	\$1,300	\$300	\$900	\$200	\$600	\$100	\$1,300	\$300	\$7,400

2012 - 2015 Transportation Improvement Program

State Highway Administration

Environmental/Safety

Areawide Environmental Projects - continued

Stimulus funds

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$300	\$75	\$300	\$75							\$750
OTH											\$0
PE	\$60	\$15	\$60	\$15							\$150
PP	\$20	\$5	\$20	\$5							\$50
ROW	\$20	\$5	\$20	\$5							\$50
Totals	\$400	\$100	\$400	\$100	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000

Surface Transportation Program

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$3,375	\$600	\$2,400	\$450	\$2,025	\$375	\$1,275	\$225	\$2,925	\$600	\$14,250
OTH											\$0
PE	\$630	\$120	\$480	\$90	\$405	\$75	\$255	\$45	\$585	\$120	\$2,805
PP	\$210	\$40	\$160	\$30	\$135	\$25	\$85	\$15	\$195	\$40	\$935
ROW	\$210	\$40	\$160	\$30	\$135	\$25	\$85	\$15	\$195	\$40	\$935
Totals	\$4,425	\$800	\$3,200	\$600	\$2,700	\$500	\$1,700	\$300	\$3,900	\$800	\$18,925

Areawide Congestion Management

TIP Id #	60-9504-04	Year of Operation	Ongoing
Agency	State Highway Administration	Project Type	Traffic engineering
Project Category	Emission Reduction Strategy	Functional Class	NA
Conformity Status	Not Exempt	Physical Data	NA
CIP/CTP Page#	A-22		

Description	Justification
<p>These improvements include the employment of variable message signs, video for traffic management (CCTV), traffic movement detectors, signal system coordination and remote timing, permanent congestion monitoring systems employed by the CHART program, deployment of local jurisdiction intelligent transportation system (ITS) projects, and the development of park and ride facilities.</p> <p>Funding level is represented as 37% of statewide level as shown in CTP.</p>	<p>These projects will improve safety and traffic flow operations on the existing highway system without major new construction. These projects will also save motorists time by allowing them to avoid traffic congestion. Some of the projects will reduce congestion through the use of ITS technology innovations in communication, advanced traffic management, traveler information, etc.</p> <p>*Supports regional M&O initiatives.</p>

Congestion Mitigation and Air Quality

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$1,575	\$300	\$1,575	\$300	\$1,050	\$225	\$825	\$150	\$1,725	\$375	\$8,100
OTH											\$0
PE	\$315	\$60	\$315	\$60	\$210	\$45	\$165	\$30	\$345	\$75	\$1,620
PP	\$105	\$20	\$105	\$20	\$70	\$15	\$55	\$10	\$115	\$25	\$540
ROW	\$105	\$20	\$105	\$20	\$70	\$15	\$55	\$10	\$115	\$25	\$540
Totals	\$2,100	\$400	\$2,100	\$400	\$1,400	\$300	\$1,100	\$200	\$2,300	\$500	\$10,800

2012 - 2015 Transportation Improvement Program

State Highway Administration

Emission Reduction Strategy

Areawide Congestion Management – continued

National Highway System

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$825	\$150	\$750	\$150	\$450	\$75	\$375	\$75	\$750	\$150	\$3,750
OTH											\$0
PE	\$165	\$30	\$150	\$30	\$90	\$15	\$75	\$15	\$150	\$30	\$750
PP	\$55	\$10	\$50	\$10	\$30	\$5	\$25	\$5	\$50	\$10	\$250
ROW	\$55	\$10	\$50	\$10	\$30	\$5	\$25	\$5	\$50	\$10	\$250
Totals	\$1,100	\$200	\$1,000	\$200	\$600	\$100	\$500	\$100	\$1,000	\$200	\$5,000

Stimulus funds

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$525	\$75	\$375	\$75							\$1,050
OTH											\$0
PE	\$105	\$15	\$75	\$15							\$210
PP	\$35	\$5	\$25	\$5							\$70
ROW	\$35	\$5	\$25	\$5							\$70
Totals	\$700	\$100	\$500	\$100	\$0	\$0	\$0	\$0	\$0	\$0	\$1,400

Areawide Safety And Spot Improvements

TIP Id #	60-9508-19	Year of Operation	Ongoing
Agency	State Highway Administration	Project Type	Other
Project Category	Highway Preservation	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP/CTP Page#	A-22		

Description	Justification
<p>These are non-capacity highway improvements which include projects dealing with bypass lanes, acceleration and deceleration lanes, turn lanes, rail crossings, safety improvements, pavement markers, and roundabouts. Other improvements such as slope repairs, drainage improvements, and joint sealings may be included incidental to other safety improvements.</p> <p>Funding level is represented as 37% of statewide level as shown in CTP. "HSIP" funds include Safe Routes to School funds.</p>	<p>Will improve safety and the flow of traffic, thereby reducing congestion and queuing.</p>

Congestion Mitigation and Air Quality

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$450		\$1,125		\$675		\$375		\$900		\$3,525
OTH											\$0
PE	\$90		\$225		\$135		\$75		\$180		\$705
PP	\$30		\$75		\$45		\$25		\$60		\$235
ROW	\$30		\$75		\$45		\$25		\$60		\$235
Totals	\$600	\$0	\$1,500	\$0	\$900	\$0	\$500	\$0	\$1,200	\$0	\$4,700

2012 - 2015 Transportation Improvement Program

State Highway Administration

Highway Preservation

Areawide Safety And Spot Improvements - continued

Highway Safety Improvement Program

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$4,425	\$900	\$4,425	\$900	\$4,425	\$900	\$4,425	\$900	\$8,850	\$1,800	\$31,950
OTH											\$0
PE	\$885	\$180	\$885	\$180	\$885	\$180	\$885	\$180	\$1,770	\$360	\$6,390
PP	\$295	\$60	\$295	\$60	\$295	\$60	\$295	\$60	\$590	\$120	\$2,130
ROW	\$295	\$60	\$295	\$60	\$295	\$60	\$295	\$60	\$590	\$120	\$2,130
Totals	\$5,900	\$1,200	\$5,900	\$1,200	\$5,900	\$1,200	\$5,900	\$1,200	\$11,800	\$2,400	\$42,600

Interstate Maintenance

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$975	\$75	\$1,350	\$150	\$1,350	\$135	\$825	\$75	\$1,725	\$150	\$6,810
OTH											\$0
PE	\$195	\$15	\$270	\$30	\$270	\$27	\$165	\$15	\$345	\$30	\$1,362
PP	\$65	\$5	\$90	\$10	\$90	\$9	\$55	\$5	\$115	\$10	\$454
ROW	\$65	\$5	\$90	\$10	\$90	\$9	\$55	\$5	\$115	\$10	\$454
Totals	\$1,300	\$100	\$1,800	\$200	\$1,800	\$180	\$1,100	\$100	\$2,300	\$200	\$9,080

National Highway System

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$3,825	\$75	\$7,050	\$1,425	\$4,725	\$975	\$2,775	\$525	\$6,300	\$1,275	\$28,950
OTH											\$0
PE	\$765	\$15	\$1,410	\$285	\$945	\$195	\$555	\$105	\$1,260	\$255	\$5,790
PP	\$255	\$5	\$470	\$95	\$315	\$65	\$185	\$35	\$420	\$85	\$1,930
ROW	\$255	\$5	\$470	\$95	\$315	\$65	\$185	\$35	\$420	\$85	\$1,930
Totals	\$5,100	\$100	\$9,400	\$1,900	\$6,300	\$1,300	\$3,700	\$700	\$8,400	\$1,700	\$38,600

2012 - 2015 Transportation Improvement Program

State Highway Administration

Highway Preservation

Areawide Safety And Spot Improvements – continued

Surface Transportation Program

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$18,100	\$3,600	\$25,800	\$5,200	\$21,100	\$4,200	\$12,000	\$2,400	\$26,500	\$5,300	\$124,200
OTH											\$0
PE											\$0
PP											\$0
ROW											\$0
Totals	\$18,100	\$3,600	\$25,800	\$5,200	\$21,100	\$4,200	\$12,000	\$2,400	\$26,500	\$5,300	\$124,200

Stimulus Funds

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$11,700	\$2,300	\$4,200	\$800	\$100						\$19,100
OTH											\$0
PE											\$0
PP											\$0
ROW											\$0
Totals	\$11,700	\$2,300	\$4,200	\$800	\$100						\$19,100

Areawide Urban Reconstruction

TIP Id #	60-9511-19	Year of Operation	Ongoing
Agency	State Highway Administration	Project Type	Other
Project Category	Highway Preservation	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP/CTP Page#	A-22		

Description	Justification
<p>These are non-capacity highway improvements which include projects dealing with drainage, curb and gutter, pavement milling and resurfacing, streetscape, signs, and markings and lighting improvements.</p> <p>Funding level is represented as 37% of statewide level as shown in CTP.</p>	<p>Will improve safety and the flow of traffic, thereby reducing delay, queuing and congestion. This will also enhance the surrounding environment and community.</p>

Surface Transportation Program

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$900	\$150	\$975	\$225	\$2,025	\$375	\$1,200	\$225	\$3,000	\$600	\$9,675
OTH											\$0
PE	\$180	\$30	\$195	\$45	\$405	\$75	\$240	\$45	\$600	\$120	\$1,935
PP	\$60	\$10	\$65	\$15	\$135	\$25	\$80	\$15	\$200	\$40	\$645
ROW	\$60	\$10	\$65	\$15	\$135	\$25	\$80	\$15	\$200	\$40	\$645
Totals	\$1,200	\$200	\$1,300	\$300	\$2,700	\$500	\$1,600	\$300	\$4,000	\$800	\$12,900

Areawide Bridge Replacement And Rehabilitation

TIP Id #	60-9310-13	Year of Operation	Ongoing
Agency	State Highway Administration	Project Type	Bridge repair/deck replacement
Project Category	Highway Preservation	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP/CTP Page#	A-22		

Description	Justification
<p>These are non-capacity improvements which include structural replacements, deck rehabilitation, superstructure replacements, parapet reconstruction, cleaning and painting, and general maintenance on various state owned bridges as needed in Anne Arundel, Baltimore, Carroll, Harford and Howard counties. A portion of this project may be funded using STP for cleaning and painting.</p> <p>Funding level is represented as 37% of statewide level as shown in CTP.</p>	<p>Will preserve the existing structures, increase safety, and improve highway beautification.</p>

Bridge Replacement and Rehabilitation

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$14,250	\$2,850	\$19,575	\$3,900	\$150,750	\$3,000	\$9,825	\$1,950	\$20,625	\$4,125	\$230,850
OTH											\$0
PE	\$2,850	\$570	\$3,915	\$780	\$30,150	\$600	\$1,965	\$390	\$4,125	\$825	\$46,170
PP	\$950	\$190	\$1,305	\$260	\$10,050	\$200	\$655	\$130	\$1,375	\$275	\$15,390
ROW	\$950	\$190	\$1,305	\$260	\$10,050	\$200	\$655	\$130	\$1,375	\$275	\$15,390
Totals	\$19,000	\$3,800	\$26,100	\$5,200	\$201,000	\$4,000	\$13,100	\$2,600	\$27,500	\$5,500	\$307,800

2012 - 2015 Transportation Improvement Program

State Highway Administration

Highway Preservation

Areawide Bridge Replacement And Rehabilitation – continued

Interstate Maintenance

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$150	\$30	\$225	\$38	\$150	\$30	\$75	\$23	\$600	\$225	\$1,545
OTH											\$0
PE	\$30	\$6	\$45	\$8	\$30	\$6	\$15	\$5	\$120	\$45	\$309
PP	\$10	\$2	\$15	\$3	\$10	\$2	\$5	\$2	\$40	\$15	\$103
ROW	\$10	\$2	\$15	\$3	\$10	\$2	\$5	\$2	\$40	\$15	\$103
Totals	\$200	\$40	\$300	\$50	\$200	\$40	\$100	\$30	\$800	\$300	\$2,060

Local Bridge

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$3,450	\$675	\$3,450	\$675	\$3,450	\$675	\$3,450	\$675	\$6,975	\$1,425	\$24,900
OTH											\$0
PE	\$690	\$135	\$690	\$135	\$690	\$135	\$690	\$135	\$1,395	\$285	\$4,980
PP	\$230	\$45	\$230	\$45	\$230	\$45	\$230	\$45	\$465	\$95	\$1,660
ROW	\$230	\$45	\$230	\$45	\$230	\$45	\$230	\$45	\$465	\$95	\$1,660
Totals	\$4,600	\$900	\$4,600	\$900	\$4,600	\$900	\$4,600	\$900	\$9,300	\$1,900	\$33,200

National Highway System

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$300	\$75	\$450	\$300	\$75	\$225	\$75	\$450	\$75	\$100	\$2,125
OTH											\$0
PE	\$60	\$15	\$90	\$15	\$60	\$15	\$45	\$15	\$90	\$15	\$420
PP	\$20	\$5	\$30	\$5	\$20	\$5	\$15	\$5	\$30	\$5	\$140
ROW	\$20	\$5	\$30	\$5	\$20	\$5	\$15	\$5	\$30	\$5	\$140
Totals	\$400	\$100	\$600	\$325	\$175	\$250	\$150	\$475	\$225	\$125	\$2,825

2012 - 2015 Transportation Improvement Program

State Highway Administration

Highway Preservation

Areawide Bridge Replacement And Rehabilitation – continued

Surface Transportation Program

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$400	\$100	\$500	\$100	\$400	\$100	\$300	\$100	\$600	\$100	\$2,700
OTH											\$0
PE											\$0
PP											\$0
ROW											\$0
Totals	\$400	\$100	\$500	\$100	\$400	\$100	\$300	\$100	\$600	\$100	\$2,700

Stimulus Funds

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$6,600	\$1,300	\$3,000	\$600	\$1,200	\$200					\$12,900
OTH											\$0
PE											\$0
PP											\$0
ROW											\$0
Totals	\$6,600	\$1,300	\$3,000	\$600	\$1,200	\$200					\$12,900

2012 - 2015 Transportation Improvement Program

State Highway Administration

Highway Preservation

Areawide Resurfacing And Rehabilitation

TIP Id #	60-9501-11	Year of Operation	Ongoing
Agency	State Highway Administration	Project Type	Road resurfacing/rehabilitation
Project Category	Highway Preservation	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP/CTP Page#	A-22		

Description	Justification
<p>These are non-capacity improvements which include milling, patching, sealing, and resurfacing existing deteriorated state roadways in Anne Arundel, Baltimore, Carroll, Harford, and Howard counties as needed.</p> <p>Funding level is represented as 37% of statewide level as shown in CTP.</p>	<p>Will improve safety and the flow of traffic. This project listing represents a large funding request for many small resurfacing projects throughout the Baltimore region. Project selection is based upon need and is subject to change.</p>

Interstate Maintenance

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$3,900	\$375	\$8,475	\$825	\$9,225	\$900	\$6,750	\$675	\$14,025	\$1,425	\$46,575
OTH											\$0
PE	\$780	\$75	\$1,695	\$165	\$1,845	\$180	\$1,350	\$135	\$2,805	\$285	\$9,315
PP	\$260	\$25	\$565	\$55	\$615	\$60	\$450	\$45	\$935	\$95	\$3,105
ROW	\$260	\$25	\$565	\$55	\$615	\$60	\$450	\$45	\$935	\$95	\$3,105
Totals	\$5,200	\$500	\$11,300	\$1,100	\$12,300	\$1,200	\$9,000	\$900	\$18,700	\$1,900	\$62,100

2012 - 2015 Transportation Improvement Program

State Highway Administration

Highway Preservation

Areawide Resurfacing And Rehabilitation – continued

National Highway System

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$2,550	\$525	\$5,625	\$1,125	\$6,150	\$1,200	\$4,500	\$900	\$9,375	\$1,875	\$33,825
OTH											\$0
PE	\$510	\$105	\$1,125	\$225	\$1,230	\$240	\$900	\$180	\$1,875	\$375	\$6,765
PP	\$170	\$35	\$375	\$75	\$410	\$80	\$300	\$60	\$625	\$125	\$2,255
ROW	\$170	\$35	\$375	\$75	\$410	\$80	\$300	\$60	\$625	\$125	\$2,255
Totals	\$3,400	\$700	\$7,500	\$1,500	\$8,200	\$1,600	\$6,000	\$1,200	\$12,500	\$2,500	\$45,100

Stimulus funds

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$15,825	\$3,150	\$5,400	\$1,050							\$25,425
OTH											\$0
PE	\$3,165	\$630	\$1,080	\$210							\$5,085
PP	\$1,055	\$210	\$360	\$70							\$1,695
ROW	\$1,055	\$210	\$360	\$70							\$1,695
Totals	\$21,100	\$4,200	\$7,200	\$1,400	\$0	\$0	\$0	\$0	\$0	\$0	\$33,900

Surface Transportation Program

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$6,450	\$1,275	\$14,100	\$2,850	\$15,375	\$3,075	\$11,250	\$2,250	\$23,400	\$4,650	\$84,675
OTH											\$0
PE	\$1,290	\$255	\$2,820	\$870	\$3,075	\$615	\$2,250	\$450	\$4,680	\$930	\$17,235
PP	\$430	\$85	\$940	\$190	\$1,025	\$205	\$750	\$150	\$1,560	\$310	\$5,645
ROW	\$430	\$85	\$940	\$190	\$1,025	\$205	\$750	\$150	\$1,560	\$310	\$5,645
Totals	\$8,600	\$1,700	\$18,800	\$4,100	\$20,500	\$4,100	\$15,000	\$3,000	\$31,200	\$6,200	\$113,200

2012 - 2015 Transportation Improvement Program

State Highway Administration

Miscellaneous

Morgan State University

TIP Id #	60-0702-99	Year of Operation	n/a
Agency	State Highway Administration	Project Type	Miscellaneous
Project Category	Miscellaneous	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP/CTP Page#	NA		

Description	Justification
Transportation research, education and technology transfer activities involving university faculty, staff and students.	The project will support research and solutions to real world transportation issues and meet the state and federal transportation objectives.

Other

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON											\$0
OTH	\$87		\$45								\$132
PE											\$0
PP											\$0
ROW											\$0
Totals	\$87	\$0	\$45	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$132

CMAQ Areawide

TIP Id #	80-0801-09	Year of Operation	Ongoing
Agency	Baltimore Metropolitan Council	Project Type	Other ERS
Project Category	Emission Reduction Strategy	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP/CTP Page#	NA		

Description	Justification
The BRTB will use a competitive selection process to select \$800,000 worth of Congestion Mitigation and Air Quality Improvement Program (CMAQ) projects in FY 2012. CMAQ projects reduce air pollution emissions from the transportation sector.	The Baltimore region is nonattainment for both the 8-hour ground-level ozone standard and the fine particulate matter standard. Projects will be chosen that reduce emissions in the Baltimore region.

Congestion Mitigation and Air Quality

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON	\$2,800	\$600	\$1,000	\$200							\$4,600
OTH											\$0
PE											\$0
PP											\$0
ROW											\$0
Totals	\$2,800	\$600	\$1,000	\$200	\$0	\$0	\$0	\$0	\$0	\$0	\$4,600

Baltimore and Potomac Tunnel

TIP Id #	92-1101-99	Year of Operation	n/a
Agency	Office of the Secretary	Project Type	Miscellaneous
Project Category	Miscellaneous	Functional Class	NA
Conformity Status	Exempt	Physical Data	2.3 miles
CIP/CTP Page#	NA		

Description	Justification
Preliminary Engineering and National Environmental Policy Act (NEPA) analysis for a new tunnel alignment to augment and replace the existing B&P Tunnel. The NEPA study will examine alternatives that will provide for safety and capacity improvements on the Northeast Corridor through Baltimore.	The B&P Tunnel opened in 1873 and is approaching the end of its useful life. The new alignment and infrastructure should increase capacity, reduce travel times, add Fire and Life Safety Facilities, reduce maintenance costs, increase clearance, and potentially provide structural and operational redundancy.

High Speed Intercity Passenger Rail

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	Estimated Project Total
CON											\$0
OTH											\$0
PE	\$1,000		\$15,000		\$20,000		\$20,000		\$4,000		\$60,000
PP											\$0
ROW											\$0
Totals	\$1,000	\$0	\$15,000	\$0	\$20,000	\$0	\$20,000	\$0	\$4,000	\$0	\$60,000

Estimated Total Project Cost (may include costs beyond FY 2015): \$1 billion

