



Maryland Department of Transportation
The Secretary's Office

Martin O'Malley
Governor

Anthony G. Brown
Lt. Governor

Darrell B. Mobley
Acting Secretary

Leif A. Dormsjo
Acting Deputy Secretary

December 3, 2012

Mr. Gregory Murrill
Division Administrator
Attn: Mr. Kwame Arhin
Federal Highway Administration
10 South Howard Street
Suite 2450
Baltimore, MD 21201

Ms. Brigid Hynes-Cherin
Regional Administrator
Attn: Ms. Gail McFadden-Roberts
Federal Transit Administration
1760 Market Street, Suite 500
Philadelphia, PA 19103

RE: Administrative Modification to the Fiscal Year (FY) 2013 Maryland Statewide Transportation Improvement Program (STIP) to Reflect Modifications to the Baltimore Region's Transportation Improvement Program to Add Funds for Areawide Congestion Management, Areawide Resurfacing and Rehabilitation, Areawide Safety and Spot Improvements, and MD 175 Intersection Improvements between MD 32 and I-95. MDOT Control # 13-26.

Dear Mr. Murrill and Ms. Hynes-Cherin:

The Maryland Department of Transportation (MDOT) hereby modifies the FY 2013 Maryland STIP to reflect the addition of funds to the 2012-2015 Baltimore Regional Transportation Board's (BRTB) Transportation Improvement Program (TIP) for the Areawide Congestion Management, Areawide Resurfacing and Rehabilitation, Areawide Safety and Spot Improvements, and the MD 175 Intersection Improvements between MD 32 and I-95 project. Attached please find supporting documentation including the notification letter documenting the November 7, 2012, BRTB Executive Committee action approving the Modification. The TIP categories and funding amounts are shown below:

- Areawide Congestion Management – adds \$400,000 of National Highway System (NHS) funds to the Project Planning Phase for FY 2013 to FY 2015,
- Areawide Resurfacing and Rehabilitation – adds \$2.8 million in FY 2013 and \$5.64 million in FY 2014 of NHS funds for the Construction phase, and adds \$1.2 million in FY 2013 and \$5.6 million of Surface Transportation Program (STP) for Construction,
- Areawide Safety and Spot Improvements – adds \$4.48 million of FY 2014 STP funds to the Construction phase,
- MD 175 Intersection Improvements between MD 32 and I-95– adds \$4.88 million of STP funds for Right-of-Way

Mr. Gregory Murrill
Ms. Brigid Hynes-Cherin
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These funds have been made available primarily due to an increase in federal aid Obligation Authority assumptions and funds de-obligated on inactive projects. These costs do not affect the portion of federal funding programmed for transit.

The Maryland Statewide Transportation Improvement Program continues to be fiscally constrained. If you have any questions or need additional information, please do not hesitate to contact me at 410-865-1295, toll-free at 888-713-1414 or via email at mnixon@mdot.state.md.us. Thank you for your assistance.

Sincerely,



Michael W. Nixon, Manager
Office of Planning and Capital Programming

Attachment

cc: Mr. Tyson Byrne, Regional Planner, Office of Planning and Capital Programming, MDOT
Ms. Mary Deitz, Chief, Regional and Intermodal Planning Division, State Highway
Administration
Ms. Lyn Erickson, Manager Federal Liaison, Office of Planning and Capital
Programming, MDOT
Ms. Heather Murphy, Deputy Director, Office of Planning and Capital
Programming, MDOT

Baltimore Metropolitan Council



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Anne Arundel County
Baltimore City
Baltimore County
Carroll County
Harford County
Howard County

November 21, 2012

Mr. Don Halligan
Office of Planning & Capital Programming
ATTN: TYSON BYRNE
Maryland Department of Transportation
7201 Corporate Center Drive
P.O. Box 548
Hanover, MD 21076

Dear Mr. Halligan:

Enclosed are four administrative modifications to the 2012 – 2015 Baltimore Region Transportation Improvement Program as approved by the BRTB Executive Committee on November 7, 2012. The following SHA projects were modified:

- **Areawide Congestion Management**
- **Areawide Resurfacing and Rehabilitation**
- **Areawide Safety and Spot Improvements**
- **MD 175 Intersection Improvements between MD 32 and I-95**

If you have any questions, please call me.

Sincerely,

Todd R. Lang, Director
Transportation Planning

Enclosures

cc: Mr. Jim Dooley, Regional Planner, State Highway Administration
Ms. Damilola Kehinde, Regional Planner, State Highway Administration

**Summary of SHA Administrative Modifications to the 2012 – 2015 TIP
Approved by the BRTB Executive Committee on November 7, 2012**

Project Title	Amendment	Description	Conformity Status
Areawide Congestion Management	Add \$400,000 of National Highway System (NHS) funds to the Project Planning Phase over FY 2013 to FY 2015. This will fund an operational and geometric study for the I-95 corridor between I-495 and I-695 to develop conceptual improvements.	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.	Not Exempt
Areawide Resurfacing and Rehabilitation	Add \$2.8 million in FY 2013 and \$5.64 million in FY 2014 of National Highway System funds to the Construction Phase for resurfacing. Also adds \$1.2 million in FY 2013 and \$5.6 million in FY 2014 of Surface Transportation Program funds to the Construction Phase for resurfacing. This will allow milling, grinding, patching, and resurfacing of pavement at various locations in Anne Arundel, Carroll and Howard Counties.	Funding level is represented as 37 percent of statewide level as shown in the CTP. These are non-capacity improvements which include milling, patching, sealing, and resurfacing of existing deteriorated state roadways in Anne Arundel, Baltimore, Carroll, Harford, and Howard counties as needed.	Exempt
Areawide Safety and Spot Improvements	Add \$4.48 million of Surface Transportation Program (STP) funds to the Construction Phase for sign and structure replacement and inspection as well as for virtual weigh station maintenance.	Funding level is represented as 37% of statewide level as shown in CTP. Will improve safety and the flow of traffic, thereby reducing congestion and queuing.	Exempt
MD 175: Intersection Improvements between MD 32 and I-95	Add \$4.88 million of Surface Transportation Program (STP) funds to the Right-of-Way Phase for utility relocation including gas, underground electric cable, sewer, Comcast cable, water and electric utility poles between the intersection of MD 175 and Reece Road to approximately 370 feet south of Mapes Road on MD 175 in FY 2013. This will allow construction to proceed at an earlier date when funded.	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.	Exempt

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 percent of statewide level as shown in the CTP.</p> <p>Amendment: Adds \$400,000 of National Highway System (NHS) funds to the Project Planning Phase over FY 2013 to FY 2015. This will fund an operational and geometric study for the I-95 corridor between I-495 and I-695 to develop conceptual improvements.</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>

2012 - 2015 Transportation Improvement Program

State Highway Administration

Areawide Congestion Management

Emission Reduction Strategy

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	\$ 150	\$ 30	\$ 600	\$ 150	\$ 3,020	\$ 705	\$ 240	\$ 60	\$ 180	\$ 36	\$ 5,171	
OTH											\$ 0	
PE	\$ 30	\$ 6	\$ 120	\$ 30	\$ 2,084	\$ 521	\$ 2,047	\$ 512	\$ 36	\$ 18	\$ 5,404	
PP	\$ 10	\$ 2	\$ 40	\$ 10	\$ 28	\$ 7	\$ 16	\$ 4	\$ 12	\$ 3	\$ 132	
ROW	\$ 10	\$ 2	\$ 40	\$ 10	\$ 28	\$ 7	\$ 16	\$ 4	\$ 12	\$ 3	\$ 132	
Totals	\$ 200	\$ 40	\$ 800	\$ 200	\$ 5,160	\$ 1,240	\$ 2,319	\$ 580	\$ 240	\$ 60	\$ 10,839	

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	\$ 975	\$ 180	\$ 2,490	\$ 585	\$ 825	\$ 150	\$ 1,725	\$ 375	\$ 9,180	
OTH											\$ 0	
PE	\$ 315	\$ 60	\$ 915	\$ 180	\$ 210	\$ 45	\$ 165	\$ 30	\$ 345	\$ 75	\$ 2,340	
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	\$ 2,840	\$ 660	\$ 1,100	\$ 200	\$ 2,300	\$ 500	\$ 12,600	

2012 - 2015 Transportation Improvement Program

State Highway Administration

Emission Reduction Strategy

Areawide Congestion Management

National Highway System - Original

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
CON	\$ 825	\$ 150	\$ 750	\$ 150	\$ 3,450	\$ 805	\$ 3,375	\$ 805	\$ 750	\$ 150	\$ 11,210
OTH											\$ 0
PE	\$ 165	\$ 30	\$ 150	\$ 30	\$ 2,410	\$ 95	\$ 75	\$ 15	\$ 150	\$ 30	\$ 3,150
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	\$ 5,920	\$ 910	\$ 3,500	\$ 830	\$ 1,000	\$ 200	\$ 14,860

National Highway System - Modified

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
CON	\$ 825	\$ 150	\$ 750	\$ 150	\$ 3,450	\$ 805	\$ 3,375	\$ 805	\$ 750	\$ 150	\$ 11,210
OTH											\$ 0
PE	\$ 165	\$ 30	\$ 150	\$ 30	\$ 2,410	\$ 95	\$ 75	\$ 15	\$ 150	\$ 30	\$ 3,150
PP	\$ 55	\$ 10	\$ 50	\$ 10	\$ 130	\$ 30	\$ 225	\$ 55	\$ 150	\$ 35	\$ 750
ROW	\$ 55	\$ 10	\$ 50	\$ 10	\$ 30	\$ 5	\$ 25	\$ 5	\$ 50	\$ 10	\$ 250
Totals	\$ 1,100	\$ 200	\$ 1,000	\$ 200	\$ 6,020	\$ 935	\$ 3,700	\$ 880	\$ 1,100	\$ 225	\$ 15,360

2012 - 2015 Transportation Improvement Program

State Highway Administration

Areawide Congestion Management

Emission Reduction Strategy

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

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 of 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>Administrative Modification: Adds \$2.8 million in FY 2013 and \$5.64 million in FY 2014 of National Highway System funds to the Construction Phase for resurfacing. Also adds \$1.2 million in FY 2013 and \$5.6 million in FY 2014 of Surface Transportation Program funds to the Construction Phase for resurfacing. This will allow milling, grinding, patching, and resurfacing of pavement at various locations in Anne Arundel, Carroll and Howard Counties.</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>

2012 - 2015 Transportation Improvement Program

State Highway Administration

Areawide Resurfacing and Rehabilitation

Highway Preservation

National Highway System - Original

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
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

National Highway System - Modified

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
CON	\$ 2,550	\$ 525	\$ 5,625	\$ 1,125	\$ 7,350	\$ 1,400	\$ 1,740	\$ 2,310	\$ 9,375	\$ 1,875	\$ 42,275
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	\$ 9,400	\$ 1,800	\$ 1,640	\$ 2,600	\$ 12,500	\$ 2,500	\$ 53,550

2012 - 2015 Transportation Improvement Program

State Highway Administration

Areawide Resurfacing and Rehabilitation

Highway Preservation

Surface Transportation Program - ~~Original~~

Phase	Previous Requests Federal Funds	Previous Matching Funds	Federal Funding Requests (\$000)						Project Totals		
			Annual Element 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
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

Surface Transportation Program - ~~Modified~~

Phase	Previous Requests Federal Funds	Previous Matching Funds	Federal Funding Requests (\$000)						Project Totals		
			Annual Element 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
CON	\$ 6,450	\$ 1,275	\$ 14,100	\$ 2,850	\$ 18,175	\$ 3,775	\$ 16,850	\$ 3,650	\$ 23,400	\$ 4,650	\$ 95,175
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	\$ 23,300	\$ 4,800	\$ 20,600	\$ 4,400	\$ 31,200	\$ 6,200	\$ 123,700

Areawide Resurfacing and Rehabilitation

Interstate Maintenance

Phase	Previous Requests Federal Funds	Previous Matching Funds	Annual Element FY 2012 Federal Funds	FY 2012 Matching Funds	Federal Funding Requests (\$000)						Project Totals
					FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	
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	\$ 165	\$ 135	\$ 2,805	\$ 285	\$ 8,130
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

Stimulus Funds

Phase	Previous Requests Federal Funds	Previous Matching Funds	Annual Element		Federal Funding Requests (\$000)						Project Totals
			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	
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

Areawide Safety and Spot Improvements

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

Description	Justification
<p>These 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 percent of statewide level as shown in CTP. "HSIP" funds include Safe Routes to School funds.</p> <p>Administrative Modification: Add \$4.48 million of Surface Transportation Program (STP) funds to the Construction Phase for sign and structure replacement and inspection as well as for virtual weigh station maintenance.</p>	<p>Will improve safety and the flow of traffic, thereby reducing congestion and queuing.</p>

2012 - 2015 Transportation Improvement Program

State Highway Administration

Areawide Safety and Spot Improvements

Highway Preservation

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

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	\$ 8,775	\$ 1,725	\$ 3,150	\$ 600	\$ 75						\$ 14,325
OTH											\$ 0
PE	\$ 1,755	\$ 345	\$ 630	\$ 120	\$ 15						\$ 2,865
PP	\$ 585	\$ 115	\$ 210	\$ 40	\$ 5						\$ 955
ROW	\$ 585	\$ 115	\$ 210	\$ 40	\$ 5						\$ 955
Totals	\$ 11,700	\$ 2,300	\$ 4,200	\$ 800	\$ 100	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 19,100

2012 - 2015 Transportation Improvement Program

State Highway Administration

Areawide Safety and Spot Improvements

Highway Preservation

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	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 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

2012 - 2015 Transportation Improvement Program

State Highway Administration

Areawide Safety and Spot Improvements

Highway Preservation

Surface Transportation Program - Original

Phase	Previous Federal Funds	Previous Matching Funds	Annual Element FY 2012 Federal Funds	FY 2012 Matching Funds	Federal Funding Requests (\$000)						Project Totals
					FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	
CON	\$ 13,575	\$ 2,700	\$ 19,350	\$ 3,900	\$ 15,825	\$ 3,150	\$ 9,000	\$ 1,800	\$ 19,875	\$ 3,975	\$ 93,150
OTH	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
PE	\$ 2,715	\$ 540	\$ 3,870	\$ 780	\$ 3,165	\$ 630	\$ 1,800	\$ 360	\$ 3,975	\$ 795	\$ 18,630
PP	\$ 905	\$ 180	\$ 1,290	\$ 260	\$ 1,055	\$ 210	\$ 600	\$ 120	\$ 1,325	\$ 265	\$ 6,210
ROW	\$ 905	\$ 180	\$ 1,290	\$ 260	\$ 1,055	\$ 210	\$ 600	\$ 120	\$ 1,325	\$ 265	\$ 6,210
Totals	\$ 18,100	\$ 3,600	\$ 25,800	\$ 5,200	\$ 21,100	\$ 4,200	\$ 12,000	\$ 2,400	\$ 26,500	\$ 5,300	\$ 124,200

Surface Transportation Program - Modified

Phase	Previous Federal Funds	Previous Matching Funds	Annual Element FY 2012 Federal Funds	FY 2012 Matching Funds	Federal Funding Requests (\$000)						Project Totals
					FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	FY 2015 Federal Funds	FY 2015 Matching Funds	
CON	\$ 13,575	\$ 2,700	\$ 19,350	\$ 3,900	\$ 15,825	\$ 3,150	\$ 3,480	\$ 2,920	\$ 19,875	\$ 3,975	\$ 98,750
OTH	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
PE	\$ 2,715	\$ 540	\$ 3,870	\$ 780	\$ 3,165	\$ 630	\$ 1,800	\$ 360	\$ 3,975	\$ 795	\$ 18,630
PP	\$ 905	\$ 180	\$ 1,290	\$ 260	\$ 1,055	\$ 210	\$ 600	\$ 120	\$ 1,325	\$ 265	\$ 6,210
ROW	\$ 905	\$ 180	\$ 1,290	\$ 260	\$ 1,055	\$ 210	\$ 600	\$ 120	\$ 1,325	\$ 265	\$ 6,210
Totals	\$ 18,100	\$ 3,600	\$ 25,800	\$ 5,200	\$ 21,100	\$ 4,200	\$ 16,480	\$ 3,520	\$ 26,500	\$ 5,300	\$ 129,800

2012 - 2015 Transportation Improvement Program

State Highway Administration

Highway Preservation

Areawide Safety and Spot Improvements

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	

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

TIP Id #	61-0802-39	Year of Operation	2014
Agency	State Highway Administration	Project Type	Other
Project Category	Environmental/Safety	Functional Class	Minor Arterial
Conformity Status	Exempt	Physical Data	NA
CIP/CTP Page#	#State 7	Estimated Project Cost	\$25 million for MD 175 between Reece Road and approximately 370' south of Mapes Roads

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. 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>Administrative Modification: Add \$4.88 million of Surface Transportation Program (STP) funds to the Right-of-Way Phase for utility relocation including gas, underground electric cable, sewer, Comast cable, water and electric utility poles between the intersection of MD 175 and Reece Road to approximately 370 feet south of Mapes Road on MD 175 in FY 2013. This will allow construction to proceed at an earlier date when funded.</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>

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

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										\$ 294
OTH	\$ 546										\$ 546
PE	\$ 1,500	\$ 4,962									\$ 6,462
PP	\$ 750										\$ 750
ROW	\$ 221	\$ 246									\$ 467
Totals	\$ 3,311	\$ 5,208	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 8,519

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
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	
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

100

Martin O'Malley, Governor
Anthony G. Brown, Lt. Governor



Darrell B. Mobley, Acting Secretary
Melinda B. Peters, Administrator

MARYLAND DEPARTMENT OF TRANSPORTATION

MEMORANDUM

TO: Mr. Don Halligan
Director
Office of Planning and Capital Programming

ATTN: Mr. Tyson Byrne

FROM: Mary Deitz, Chief *MD*
Regional and Intermodal Planning Division

DATE: October 31, 2012

SUBJECT: Administrative Modification to FY 2012 – 2015 TIP
Areawide Resurfacing and Rehabilitation TIP ID #60-9501-11
Areawide Congestion Management TIP ID #60-9504-04
Areawide Safety and Spot Improvements TIP ID #60-9508-19
MD 175 Intersection Improvements between MD 32 & I-95 TIP ID #61-0802-39

We are requesting four (4) administrative modifications to the FY 2012- 2015 Baltimore Region Transportation Improvement Program (TIP) to reflect the following adjustments:

Areawide Resurfacing and Rehabilitation TIP ID #60-9501-11

We are requesting that \$2.80 million in FY 2013 and \$5.64 million in FY 2014 of federal NHS funds be added to the construction phase for resurfacing. We also are requesting \$1.20 million in FY 2013 and \$5.60 million in FY 2014 of federal STP funds be added to the construction phase for resurfacing. These additions will allow mill/grind, patch, and resurface of pavement at various locations in Anne Arundel, Carroll and Howard Counties.

Areawide Congestion Management TIP ID #60-9504-04

We are requesting \$4.48 million of federal STP funds be added to the construction phase for sign structure replacement and inspection and for Virtual Weigh Station maintenance.

Areawide Safety and Spot Improvements TIP ID #60-9508-19

We are requesting a total of \$0.5 million of federal NHS funds be added to the PP phase over a period of two years from FY 2013 to FY 2015. This will fund an operational and geometric study for the I-95 corridor between I-495 and I-695 to develop conceptual improvements.

My telephone number/toll-free number is 410-545-5675/1-888-204-4828
Maryland Relay Service for Impaired Hearing or Speech 1.800.735.2258 Statewide Toll Free

Street Address: 707 North Calvert Street • Baltimore, Maryland 21202 • Phone 410.545.0300 • www.roads.maryland.gov

Mr. Don Halligan
Page Two

The MD 175 Intersection Improvements between MD 32 & I-95 TIP ID #61-0802-39
Adds \$4.88 million of federal STP funds to the ROW phase for utility relocation at Reece and Mapes Roads in FY 2013. This will allow construction to proceed at an earlier date when construction funding has been identified.

These funds have been made available primarily due to an increase in federal aid Obligation Authority assumptions and funds de-obligated on inactive projects. The Transportation Improvement Program continues to be fiscally constrained. The cost does not affect the portion of the federal funding, which was programmed for transit, or any allocations of state aid in lieu of federal aid to local jurisdictions. If you have any questions, please do not hesitate to contact Mr. Jim Dooley, Regional Planner, State Highway Administration (SHA) at 410-545-5672 or via email at jdooley@sha.state.md.us.

Attachments

cc: Mr. Jim Dooley, Regional Planner, SHA
Mr. Keith Kucharek, Assistant Chief, Regional and Intermodal Planning Division, SHA
Mr. Scott Pomento, Deputy Director, Office of Planning and Preliminary Engineering, SHA
Mr. Gregory I. Slater, Director, Office of Planning and Preliminary Engineering, SHA

Areawide Resurfacing and Rehabilitation

TPP 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
CTP/CTP Page#	A-22	Completed Project Cost	Ongoing

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>Administrative Modification: Adds \$2.80 million in FY 2013 and \$5.64 million in FY 2014 of federal NHS funds to the construction phase for resurfacing. Also adds \$1.20 million in FY 2013 and \$5.60 million in FY 2014 of federal STP funds to the construction phase for resurfacing. This will allow mill/grind, patch, and resurface of pavement at various locations in Anne Arundel, Carroll and Howard Counties.</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>

Areawide Resurfacing and Rehabilitation

Interstate Maintenance

Phase	Previous Requests Federal Funds	Previous Matching Funds	Federal Funding Requests (\$000)										Project Totals
			Annual Element		FY 2012		FY 2013		FY 2014		FY 2015		
			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			
CON	\$ 3,900	\$ 375	\$ 8,475	\$ 825	\$ 9,225	\$ 900	\$ 6,750	\$ 675	\$ 14,025	\$ 1,425	\$ 46,575		
OTR											\$ 0		
PE	\$ 780	\$ 75	\$ 1,695	\$ 165	\$ 1,845	\$ 180	\$ 165	\$ 135	\$ 2,805	\$ 285	\$ 8,130		
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		

National Highway System - Original

Phase	Previous Requests Federal Funds	Previous Matching Funds	Federal Funding Requests (\$000)										Project Totals
			Annual Element		FY 2012		FY 2013		FY 2014		FY 2015		
			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			
CON	\$ 2,550	\$ 525	\$ 5,625	\$ 1,125	\$ 6,150	\$ 1,200	\$ 4,500	\$ 900	\$ 9,375	\$ 1,875	\$ 33,825		
OTR											\$ 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		

Areawide Resurfacing and Rehabilitation

National Highway System - Modified

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	\$ 7,350	\$ 1,400	\$ 10,140	\$ 2,310	\$ 9,375	\$ 1,875	\$ 42,275	
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	\$ 790	\$ 7,500	\$ 1,500	\$ 9,400	\$ 1,800	\$ 11,640	\$ 2,600	\$ 12,500	\$ 2,500	\$ 53,550	

Surface Transportation Program - Original

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	

Areawide Congestion Management

TTP 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	Completed Project Cost	Ongoing

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 percent of statewide level as shown in the CTP.</p> <p>Administrative Modification: Adds a total of \$0.5 million of federal NHS funds to the PP phase over a period of two years from FY 2013 to FY 2015. This will fund an operational and geometric study for the I-95 corridor between I-495 and I-695 to develop conceptual improvements.</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>

Areawide Congestion Management

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	\$ 150	\$ 30	\$ 600	\$ 150	\$ 3,020	\$ 705	\$ 240	\$ 60	\$ 180	\$ 36	\$ 5,171
OTH											\$ 0
PE	\$ 30	\$ 6	\$ 120	\$ 30	\$ 2,084	\$ 521	\$ 2,048	\$ 512	\$ 36	\$ 18	\$ 5,405
PP	\$ 10	\$ 2	\$ 40	\$ 10	\$ 28	\$ 7	\$ 16	\$ 4	\$ 12	\$ 3	\$ 132
ROW	\$ 10	\$ 2	\$ 40	\$ 10	\$ 28	\$ 7	\$ 16	\$ 4	\$ 12	\$ 3	\$ 132
Totals	\$ 200	\$ 40	\$ 800	\$ 200	\$ 5,160	\$ 1,240	\$ 2,319	\$ 580	\$ 240	\$ 60	\$ 10,840

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	\$ 975	\$ 180	\$ 2,490	\$ 585	\$ 825	\$ 150	\$ 1,725	\$ 375	\$ 9,180
OTH											\$ 0
PE	\$ 315	\$ 60	\$ 915	\$ 180	\$ 210	\$ 45	\$ 165	\$ 30	\$ 345	\$ 75	\$ 2,340
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	\$ 2,840	\$ 660	\$ 1,100	\$ 200	\$ 2,360	\$ 500	\$ 12,600

National Highway System - Original

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	\$ 3,450	\$ 805	\$ 3,375	\$ 805	\$ 750	\$ 150	\$ 11,210
OTH											\$ 0
PE	\$ 165	\$ 30	\$ 150	\$ 30	\$ 2,410	\$ 95	\$ 75	\$ 15	\$ 150	\$ 30	\$ 3,150
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	\$ 5,920	\$ 910	\$ 3,500	\$ 830	\$ 1,000	\$ 200	\$ 14,860

National Highway System - Modified

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	\$ 3,450	\$ 805	\$ 3,375	\$ 805	\$ 750	\$ 150	\$ 11,210
OTH											\$ 0
PE	\$ 165	\$ 30	\$ 150	\$ 30	\$ 2,410	\$ 95	\$ 75	\$ 15	\$ 150	\$ 30	\$ 3,150
PP	\$ 55	\$ 10	\$ 50	\$ 10	\$ 130	\$ 30	\$ 225	\$ 55	\$ 150	\$ 35	\$ 750
ROW	\$ 55	\$ 10	\$ 50	\$ 10	\$ 30	\$ 5	\$ 25	\$ 5	\$ 50	\$ 10	\$ 250
Totals	\$ 1,100	\$ 200	\$ 1,000	\$ 200	\$ 6,020	\$ 935	\$ 3,700	\$ 880	\$ 1,100	\$ 225	\$ 15,360

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>Administrative Modification: Adds \$4.48 million of federal STP funds to the construction phase for sign structure replacement and inspection and for Virtual Weigh Station maintenance.</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	
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

Areawide Safety and Spot Improvements

Surface Transportation Program - Original

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	
CON	\$13,575	\$2,700	\$19,350	\$3,900	\$15,825	\$3,150	\$9,000	\$1,800	\$1,800	\$1,800	\$19,875	\$3,975	\$93,150
OTH													\$0
PE	\$2,715	\$540	\$3,870	\$780	\$3,165	\$630	\$1,800	\$360	\$360	\$3,975	\$795	\$18,630	
PP	\$905	\$180	\$1,290	\$260	\$1,055	\$210	\$600	\$120	\$120	\$1,325	\$265	\$6,210	
ROW	\$905	\$180	\$1,290	\$260	\$1,055	\$210	\$600	\$120	\$120	\$1,325	\$265	\$6,210	
Totals	\$18,100	\$3,600	\$25,800	\$5,200	\$21,100	\$4,200	\$12,000	\$2,400	\$2,400	\$26,500	\$5,300	\$124,200	

Surface Transportation Program - Modified

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	
CON	\$13,575	\$2,700	\$19,350	\$3,900	\$15,825	\$3,150	\$13,480	\$2,920	\$19,875	\$3,975	\$98,750		
OTH											\$0		
PE	\$2,715	\$540	\$3,870	\$780	\$3,165	\$630	\$1,800	\$360	\$360	\$3,975	\$795	\$18,630	
PP	\$905	\$180	\$1,290	\$260	\$1,055	\$210	\$600	\$120	\$120	\$1,325	\$265	\$6,210	
ROW	\$905	\$180	\$1,290	\$260	\$1,055	\$210	\$600	\$120	\$120	\$1,325	\$265	\$6,210	
Totals	\$18,100	\$3,600	\$25,800	\$5,200	\$21,100	\$4,200	\$16,480	\$3,520	\$26,500	\$5,300	\$129,800		

**Areawide Safety and Spot Improvements
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	
CON	\$8,775	\$1,725	\$3,150	\$600	\$75						\$14,325
OTH											\$0
PE	\$1,755	\$345	\$630	\$120	\$15						\$2,865
PP	\$585	\$115	\$210	\$40	\$5						\$955
ROW	\$585	\$115	\$210	\$40	\$5						\$955
Totals	\$11,700	\$2,300	\$4,200	\$800	\$100						\$19,100

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	
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

Areawide Safety and Spot Improvements
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	

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	N/A
Conformity Status	Exempt	Physical Data	N/A
CHP/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. 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>Administrative Modification: Adds \$4.88 million of federal STP funds to the ROW phase for utility relocation at Reece and Mapes Roads in FY 2013. This will allow construction to proceed at an earlier date when funded.</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>

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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	
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

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	
CON	\$294										\$294
OTH	\$546										\$546
PE	\$1,500	\$4,962									\$6,462
PP	\$750										\$750
ROW	\$221	\$246									\$467
Totals	\$3,311	\$5,208	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,519

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Surface Transportation Program - Original

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	
CON			\$8,615		\$10,139						\$18,754
OTH			\$486								\$486
PE			\$1,500	\$552							\$2,052
PP			\$250								\$250
ROW			\$7,714								\$7,714
Totals	\$0	\$0	\$18,565	\$552	\$10,139	\$0	\$0	\$0	\$0	\$0	\$29,256

Surface Transportation Program - Modified

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	
CON			\$8,615		\$10,139						\$18,754
OTH			\$486								\$486
PE			\$1,500	\$552							\$2,052
PP			\$250								\$250
ROW			\$7,714		4,880	1,220					\$13,814
Totals	\$0	\$0	\$18,565	\$552	\$10,139	\$0	\$0	\$0	\$0	\$0	\$35,356

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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	
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