



**Maryland Department of Transportation**  
The Secretary's Office

**Martin O'Malley**  
Governor

**Anthony G. Brown**  
Lt. Governor

**James T. Smith, Jr.**  
Secretary

June 20, 2013

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

Ms. Brigid Hynes-Cherin  
Regional Administrator  
Attn: Ms. Kathleen Zubrzycki  
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 Safety and Spot Improvements, and Areawide Congestion Management.  
MDOT Control # 13-74.

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 Safety and Spot Improvements and the Areawide Congestion Management Categories. Attached please find supporting documentation including the notification letter documenting the June 12, 2013, BRTB Executive Committee action approving the Administrative Modification. The TIP categories and funding amounts are shown below:

- Areawide Safety and Spot Improvements – adds \$7.56 million of Highway Safety Improvement Program (HSIP) and matching funds to the Construction Phase in FY 2014 and 2015 for safety improvements on MD 32 between Day Road and West Friendship Road in Howard County,
- Areawide Congestion Management – adds \$4.78 million to Surface Transportation Program (STP) and matching funds to the Construction Phase for FY 2014 for CHART operations and vehicle purchases.

This program modification is being made primarily due to the reallocation of funds associated with the Maryland Transportation Infrastructure Improvement Act of 2013. These costs do not affect the portion of federal funding programmed for transit, or any allocation of State aid in lieu of federal aid to local jurisdictions.

Mr. Gregory Murrill  
Ms. Brigid Hynes-Cherin  
Page Two

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](mailto: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

2012 - 2015 Transportation Improvement Program

State Highway Administration

Highway Preservation

**Areawide Safety and Spot**

TIP Id #	60-9508-19 June 2013	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	Estimated Project Cost	

Description	Justification
<p>These non-capacity highway improvements 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><b>Administrative Modification:</b> Add \$6.05 million of Highway Safety Improvement Program (HSIP) funds to the Construction Phase in FY 2014 and 2015 for safety improvements on MD 32 between Day Road and West Friendship Road in Howard County.</p>	<p>Will improve safety and the flow of traffic, thereby reducing congestion and queuing.</p>

2012 - 2015 Transportation Improvement Program

State Highway Administration

Highway Preservation

*Areawide Safety and Spot*

Highway Safety Improvement 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	\$ 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
<b>Totals</b>	<b>\$ 5,900</b>	<b>\$ 1,200</b>	<b>\$ 5,900</b>	<b>\$ 1,200</b>	<b>\$ 5,900</b>	<b>\$ 1,200</b>	<b>\$ 5,900</b>	<b>\$ 1,200</b>	<b>\$ 11,800</b>	<b>\$ 2,400</b>	<b>\$ 42,600</b>

Highway Safety Improvement Program - **Update**

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	\$ 7,450	\$ 1,655	\$ 11,875	\$ 2,555	\$ 39,510
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
<b>Totals</b>	<b>\$ 5,900</b>	<b>\$ 1,200</b>	<b>\$ 5,900</b>	<b>\$ 1,200</b>	<b>\$ 5,900</b>	<b>\$ 1,200</b>	<b>\$ 8,925</b>	<b>\$ 1,955</b>	<b>\$ 14,825</b>	<b>\$ 3,155</b>	<b>\$ 50,160</b>

**2012 - 2015 Transportation Improvement Program**

State Highway Administration

Highway Preservation

***Areawide Safety and Spot***

**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
<b>CON</b>	\$ 975	\$ 75	\$ 1,350	\$ 150	\$ 1,350	\$ 135	\$ 825	\$ 75	\$ 1,725	\$ 150	\$ 6,810
<b>OTH</b>											\$ 0
<b>PE</b>	\$ 195	\$ 15	\$ 270	\$ 30	\$ 270	\$ 27	\$ 165	\$ 15	\$ 345	\$ 30	\$ 1,362
<b>PP</b>	\$ 65	\$ 5	\$ 90	\$ 10	\$ 90	\$ 9	\$ 55	\$ 5	\$ 115	\$ 10	\$ 454
<b>ROW</b>	\$ 65	\$ 5	\$ 90	\$ 10	\$ 90	\$ 9	\$ 55	\$ 5	\$ 115	\$ 10	\$ 454
<b>Totals</b>	<b>\$ 1,300</b>	<b>\$ 100</b>	<b>\$ 1,800</b>	<b>\$ 200</b>	<b>\$ 1,800</b>	<b>\$ 180</b>	<b>\$ 1,100</b>	<b>\$ 100</b>	<b>\$ 2,300</b>	<b>\$ 200</b>	<b>\$ 9,080</b>

**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
<b>CON</b>	\$ 13,575	\$ 2,700	\$ 19,350	\$ 3,900	\$ 19,825	\$ 4,150	\$ 17,480	\$ 3,920	\$ 19,875	\$ 3,975	\$ 108,750
<b>OTH</b>											\$ 0
<b>PE</b>	\$ 2,715	\$ 540	\$ 3,870	\$ 780	\$ 3,165	\$ 630	\$ 1,800	\$ 360	\$ 3,975	\$ 795	\$ 18,630
<b>PP</b>	\$ 905	\$ 180	\$ 1,290	\$ 260	\$ 1,055	\$ 210	\$ 600	\$ 120	\$ 1,325	\$ 265	\$ 6,210
<b>ROW</b>	\$ 905	\$ 180	\$ 1,290	\$ 260	\$ 1,375	\$ 290	\$ 920	\$ 200	\$ 1,325	\$ 265	\$ 7,010
<b>Totals</b>	<b>\$ 18,100</b>	<b>\$ 3,600</b>	<b>\$ 25,800</b>	<b>\$ 5,200</b>	<b>\$ 25,420</b>	<b>\$ 5,280</b>	<b>\$ 20,800</b>	<b>\$ 4,600</b>	<b>\$ 26,500</b>	<b>\$ 5,300</b>	<b>\$ 140,600</b>

2012 - 2015 Transportation Improvement Program

State Highway Administration

Highway Preservation

*Areawide Safety and Spot*

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	\$ 3,783	\$ 777	\$ 11,342	\$ 2,535	\$ 36,512
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
<b>Totals</b>	<b>\$ 5,100</b>	<b>\$ 100</b>	<b>\$ 9,400</b>	<b>\$ 1,900</b>	<b>\$ 6,300</b>	<b>\$ 1,300</b>	<b>\$ 4,708</b>	<b>\$ 952</b>	<b>\$ 13,442</b>	<b>\$ 2,960</b>	<b>\$ 46,162</b>

Congestion Mitigation and Air Quality

Phase	Previous Requests		Annual Element		Federal Funding Requests (\$000)						Project Totals
	Previous Federal 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
<b>Totals</b>	<b>\$ 600</b>	<b>\$ 0</b>	<b>\$ 1,500</b>	<b>\$ 0</b>	<b>\$ 900</b>	<b>\$ 0</b>	<b>\$ 500</b>	<b>\$ 0</b>	<b>\$ 1,200</b>	<b>\$ 0</b>	<b>\$ 4,700</b>

**2012 - 2015 Transportation Improvement Program**

State Highway Administration

Highway Preservation

***Areawide Safety and Spot***

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

2012 - 2015 Transportation Improvement Program

State Highway Administration

Emission Reduction Strategy

*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	Estimated 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><b>Administration Modification:</b> This change adds \$4.78 million of Surface Transportation Program (STP) funds to the Construction Phase in FY 2014 for CHART operations and vehicle purchases.</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&amp;O initiatives.</p>

2012 - 2015 Transportation Improvement Program

State Highway Administration

Emission Reduction Strategy

**Areawide Congestion Management**

**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	\$ 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
<b>Totals</b>	<b>\$ 200</b>	<b>\$ 40</b>	<b>\$ 800</b>	<b>\$ 200</b>	<b>\$ 5,160</b>	<b>\$ 1,240</b>	<b>\$ 2,320</b>	<b>\$ 580</b>	<b>\$ 240</b>	<b>\$ 60</b>	<b>\$ 10,840</b>

**Surface Transportation Program - Update**

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	\$ 4,064	\$ 1,016	\$ 180	\$ 36	\$ 9,951
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
<b>Totals</b>	<b>\$ 200</b>	<b>\$ 40</b>	<b>\$ 800</b>	<b>\$ 200</b>	<b>\$ 5,160</b>	<b>\$ 1,240</b>	<b>\$ 6,144</b>	<b>\$ 1,536</b>	<b>\$ 240</b>	<b>\$ 60</b>	<b>\$ 15,620</b>

**2012 - 2015 Transportation Improvement Program**

State Highway Administration

Emission Reduction Strategy

**Areawide Congestion Management**

**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
<b>CON</b>	\$ 1,575	\$ 300	\$ 975	\$ 180	\$ 2,490	\$ 585	\$ 2,851	\$ 656	\$ 1,725	\$ 375	\$ 11,712
<b>OTH</b>											\$ 0
<b>PE</b>	\$ 315	\$ 60	\$ 915	\$ 180	\$ 210	\$ 45	\$ 165	\$ 30	\$ 345	\$ 75	\$ 2,340
<b>PP</b>	\$ 105	\$ 20	\$ 105	\$ 20	\$ 70	\$ 15	\$ 55	\$ 10	\$ 115	\$ 25	\$ 540
<b>ROW</b>	\$ 105	\$ 20	\$ 105	\$ 20	\$ 70	\$ 15	\$ 55	\$ 10	\$ 115	\$ 25	\$ 540
<b>Totals</b>	<b>\$ 2,100</b>	<b>\$ 400</b>	<b>\$ 2,100</b>	<b>\$ 400</b>	<b>\$ 2,840</b>	<b>\$ 660</b>	<b>\$ 3,126</b>	<b>\$ 706</b>	<b>\$ 2,300</b>	<b>\$ 500</b>	<b>\$ 15,132</b>

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

# Baltimore Metropolitan Council



Offices @ McHenry Row  
1500 Whetstone Way, Suite 300  
Baltimore, MD 21230-4767

Telephone: 410-732-0500  
Fax: 410-732-8248  
www.baltometro.org

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

June 19, 2013

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 two administrative modifications updating the 2012 – 2015 Baltimore Region Transportation Improvement Program as approved by the BRTB Executive Committee on June 12, 2013. This supports changes to the 2012 – 2015 TIP for the following projects:

- **Areawide Safety and Spot**
- **Areawide Congestion Management**

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 the Administrative Modifications to the 2012 – 2015 TIP  
Approved by the BRTB Executive Committee on June 12, 2013**

Project Title	TIP Change Reason	Description	Conformity Status
Areawide Safety and Spot	Add \$6.05 million of Highway Safety Improvement Program (HSIP) funds to the Construction Phase in FY 2014 and 2015 for safety improvements on MD 32 between Day Road and West Friendship Road in Howard County.	These non-capacity highway improvements 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.	Exempt
Areawide Congestion Management	This change adds \$4.78 million of Surface Transportation Program (STP) funds to the Construction Phase in FY 2014 for CHART operations and vehicle purchases.	<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>	Not Exempt



**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

May 10, 2013

Mr. Todd R. Lang, Director  
Transportation Planning  
**ATTN: Mr. Jason Biernat**  
Offices @ McHenry Row  
1500 Whetstone Way, Suite 300  
Baltimore, Maryland 21230

**RE: Administrative Modification to the Fiscal Year (FY) 2012-2015 Baltimore Region  
Transportation Improvement Program (TIP) for Areawide Safety and Spot  
Improvements and Areawide Congestion Management**

Dear Mr. Lang:

The Maryland Department of Transportation on behalf of the Maryland State Highway Administration (SHA) is requesting an Administrative Modification to the FY 2012-2015 Baltimore Region TIP for Areawide Safety and Spot Improvements and Areawide Congestion Management. The purpose for this modification is to add funds to FY2014 and FY2015.

- Areawide Safety and Spot Improvements – adds \$7.56 million (Federal and Matching) in Highway Safety Improvement Program funds to the construction phase in FY 2014 and 2015 for safety improvements on MD 32 between Day Road and West Friendship Road in Howard County,
- Areawide Congestion Management – adding \$4.78 million (Federal and Matching) in Surface Transportation Program Funds for the construction phase in FY 2014 for CHART operations and vehicle purchases.

These funds do not impact other projects currently within the TIP and the TIP remains fiscally constrained. TIP forms and the SHA request memorandum of these actions are attached.

If you have questions or need additional information, please contact me at 410-865-1295 or via email at [mnixon@mdot.state.md.us](mailto:mnixon@mdot.state.md.us).

Sincerely,

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

Attachments

cc: Mr. Tyson Byrne, Regional Planner, Office of Planning and Capital Programming, Maryland  
Department of Transportation



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  
Maryland Department of Transportation

**ATTN:** Mr. Tyson Byrne

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

**DATE:** June 10, 2013

**SUBJECT:** **Administrative Modification to FY 2012 BRTB TIP**  
TIP #60-9508-19, Areawide Safety and Spot Improvements  
TIP #60-9504-04, Areawide Congestion Management

The Regional and Intermodal Planning Division is requesting an administrative modification to the FY 2012-2015 TIP to reflect the programming of federal funding anticipated for the subject project. These funds have been made available by the Maryland Transportation Infrastructure Improvement Act of 2013. The Maryland Department of Transportation (MDOT) is focusing on short-term and long-term strategies for building and restoring our transportation system, beginning with short-term priorities and key investments delayed by the recession. The MDOT's priorities for evaluating short-term investments include: safety and system preservation projects, public transportation, the quality of our environment, and the movement of cargo and freight.

**Areawide Safety and Spot Improvements, TIP #60-9508-19**

This change adds \$6.05 million of Highway Safety Improvement Program (HSIP) funds to the Construction Phase in FY 2014 and 2015 for safety improvements on MD 32 between Day Road and West Friendship Road in Howard County.

**Areawide Congestion Management, TIP #60-9504-04**

This change adds \$4.78 million of Surface Transportation Program (STP) funds to the Construction Phase in FY 2014 for CHART operations and vehicle purchases.

My telephone number/toll-free number is 410-545-5675/1-888-204-4828  
Maryland Relay Service for Impaired Hearing or Speech 1.800.785.2258 Statewide Toll Free

Street Address: 707 North Calvert Street • Baltimore, Maryland 21202 • Phone 410.545.0300 • [www.roads.maryland.gov](http://www.roads.maryland.gov)

Mr. Don Halligan  
Page Two

The Transportation Improvement Program (TIP) 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](mailto:jdooley@sha.state.md.us).

cc: Mr. Jim Dooley, Regional Planner, SHA  
Ms. Felicia Haywood, Deputy Director of Planning and Preliminary Engineering, SHA  
Ms. Dami Kehinde, Regional Planner, SHA  
Ms. L'Kiesha Markley, Assistant Chief, Regional and Intermodal Planning Division, SHA  
Mr. Mike Nixon, Office of Planning and Capital Programming, MDOT  
Mr. Jason Ridgway, Director, Office of Highway Design, SHA  
Ms. Barb Solberg, Chief, Office of Highway Design, SHA  
Mr. Gregory I. Slater, Director of Planning and Preliminary Engineering, SHA

# MARYLAND STATEWIDE TIP F.Y. 2011-2015

MDOT STIP # 60-6506-36

**SUMMARY TABLE**

Project	Assessment Criteria (A/R/O/D)		Compliance Status	Environmental Status	Current Funding Level			Net Change		
	B		Exempt		Federal	State	Total	Federal	State	Total
Arrowside Congestion Management	Administration	Area/PO	GTP Phase (with year: ex. H-22 FY2019)		34,106.0	7,226.0	41,332.0	3,824.0	956.0	4,780.0
Description: 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 variable message signs, video for traffic management (CCTV), traffic movement detectors, signal system coordination and remote timing, permanent congestion monitoring systems.										
Justification: 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.										

**INDIVIDUAL REQUEST FORM**

STIP/TIP Amendment Criteria <input type="checkbox"/> A Add new individual projects to the current STIP/TIP. <input checked="" type="checkbox"/> B Increase/decrease, scope change, advance, delay, or phase change. <input type="checkbox"/> C Removes or deletes individual listed project from the STIP/TIP. <input type="checkbox"/> D Other:										
 Office of Planning <b>Maryland Department of Transportation</b>		Current	Funding Total	Previous	FY2013	FY2014	FY2015	FY2016	FY2017	Total
		Federal	8,740	7,300	16,855	11,312	4,425	-	-	41,332
		State	1,440	2,835	14,020	9,146	3,840	-	-	34,106
		Total	10,180	10,135	30,875	20,458	8,265	-	-	75,438
Proposed	Funding Total	8,740	7,300	16,855	16,082	4,425	-	-	46,112	
Federal	7,300	14,020	12,970	3,840	-	-	-	-	37,930	
State	1,440	2,835	3,122	785	-	-	-	-	8,182	
Net Change	Funding Total	-	-	4,780	-	-	-	-	4,780	
Federal	-	-	3,824	-	-	-	-	-	3,824	
State	-	-	956	-	-	-	-	-	956	

**PHASE DETAIL (All dollars are displayed in \$1,000's)**

Current PHASE	Previous		FY2013		FY2014		FY2015		FY2016		FY2017		TOTAL		
	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Total
PP	50	12	28	7	16	4	12	3	-	-	-	-	106	26	132
PE	150	36	2,084	521	2,048	512	36	18	-	-	-	-	4,318	1,087	5,405
ROW	50	12	28	7	16	4	12	3	-	-	-	-	106	26	132
CON	750	180	3,020	705	240	60	180	36	-	-	-	-	4,180	981	5,171
OTH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>1,000</b>	<b>240</b>	<b>5,160</b>	<b>1,240</b>	<b>2,320</b>	<b>580</b>	<b>240</b>	<b>60</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8,720</b>	<b>2,120</b>	<b>10,840</b>
Source: STP Fed%: 80% State%: 20%															

Proposed PHASE	Previous		FY2013		FY2014		FY2015		FY2016		FY2017		TOTAL		
	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Total
PP	50	12	28	7	16	4	12	3	-	-	-	-	106	26	132
PE	150	36	2,084	521	2,048	512	36	18	-	-	-	-	4,318	1,087	5,405
ROW	50	12	28	7	16	4	12	3	-	-	-	-	106	26	132
CON	750	180	3,020	705	4,084	1,016	180	36	-	-	-	-	8,014	1,937	9,951
OTH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>1,000</b>	<b>240</b>	<b>5,160</b>	<b>1,240</b>	<b>5,144</b>	<b>1,536</b>	<b>240</b>	<b>60</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>12,544</b>	<b>3,078</b>	<b>15,622</b>
Source: STP Fed%: 80% State%: 20%															

Statewide PHASE	Previous		FY2013		FY2014		FY2015		FY2016		FY2017		TOTAL		
	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Total
PP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CON	-	-	-	-	3,824	956	-	-	-	-	-	-	3,824	956	4,780
OTH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,824</b>	<b>956</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,824</b>	<b>956</b>	<b>4,780</b>
Source: STP Fed%: 80% State%: 20%															

**PHASE DETAIL (All dollars are displayed in \$1,000's)**

Current PHASE	Previous		FY2013		FY2014		FY2015		FY2016		FY2017		TOTAL		
	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Total
PP	210	40	70	15	55	10	115	25	-	-	-	-	450	90	540
PE	1,230	240	210	45	185	30	345	75	-	-	-	-	1,950	390	2,340
ROW	210	40	70	15	55	10	115	25	-	-	-	-	450	90	540
CON	2,850	480	2,490	585	2,851	656	1,725	375	-	-	-	-	9,816	2,086	11,712
OTH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>4,200</b>	<b>600</b>	<b>2,840</b>	<b>660</b>	<b>3,126</b>	<b>706</b>	<b>2,300</b>	<b>600</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>12,486</b>	<b>2,866</b>	<b>15,352</b>
Source: CMAQ Fed%: 62% State%: 18%															

**PHASE DETAIL (All dollars are displayed in \$1,000's)**

Current PHASE	Previous		FY2013		FY2014		FY2015		FY2016		FY2017		TOTAL		
	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Total
PP	105	20	130	30	225	55	150	35	-	-	-	-	610	140	750
PE	315	60	2,410	95	75	15	180	30	-	-	-	-	2,860	200	3,160
ROW	105	20	30	5	25	5	50	10	-	-	-	-	210	40	250
CON	1,575	300	3,450	805	3,375	805	750	150	-	-	-	-	9,150	2,080	11,210
OTH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>2,100</b>	<b>400</b>	<b>6,820</b>	<b>835</b>	<b>3,700</b>	<b>860</b>	<b>1,100</b>	<b>225</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>12,820</b>	<b>2,440</b>	<b>15,360</b>
Source: NHS Fed%: 84% State%: 16%															

CMAQ and NHS funding remained the same.

# MARYLAND STATEWIDE TIP F.Y. 2011-2015

MDOT STIP # 60-9508-19

**SUMMARY TABLE**

Project	Amendment Criteria (ASOD)	Conformity Status	Environmental Status	Current Funding Level			Net Change		
				Federal	State	Total	Federal	State	Total
	B	Exempt		219,970.0	42,272.0	262,242.0	6,050.0	1,510.0	7,560.0
Administration		Area/MIPO	CTP Page (with year, ex. H-22 FY2010)						
Area-wide Safety and Spot Improvements		SHA	BRTB						
Description	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, and for sign and structure replacement and inspection as well as for virtual weigh station maintenance.								
Justification	Will improve safety and the flow of traffic, thereby reducing congestion and queuing.								

**INDIVIDUAL REQUEST FORM**

STIP/TIP Amendment Criteria		Current	Funding Total	Previous	FY2013	FY2014	FY2015	FY2016	FY2017	Total
<input type="checkbox"/> A Adds new individual projects to the current STIP/TIP. <input checked="" type="checkbox"/> B Increase/decrease, scope change, advance, delay, or phase change. <input type="checkbox"/> C Removes or deletes individual listed project from the STIP/TIP. <input type="checkbox"/> D Other:				107,900	48,380	39,860	66,102	-	-	262,242
				91,300	40,420	33,008	55,242	-	-	219,970
				16,600	7,960	6,852	10,860	-	-	42,272
		Proposed		107,900	48,380	43,640	69,882	-	-	269,802
				91,300	40,420	36,033	58,287	-	-	226,020
				16,600	7,960	7,607	11,615	-	-	43,782
		Net Change		-	-	3,780	3,780	-	-	7,560
				-	-	3,025	3,025	-	-	6,050
				-	-	755	755	-	-	1,510

**PHASE DETAIL (All dollars are displayed in \$1,000's)**

Current PHASE	Previous		FY2013		FY2014		FY2015		FY2016		FY2017		TOTAL		
	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Total
PP	590	120	295	60	295	60	590	120	-	-	-	-	1,770	360	2,130
PE	1,770	360	885	180	885	180	1,770	360	-	-	-	-	5,310	1,080	6,390
ROW	590	120	295	60	295	60	590	120	-	-	-	-	1,770	360	2,130
CON	8,850	1,800	4,425	900	4,425	900	8,850	1,800	-	-	-	-	28,550	5,400	31,950
OTH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>11,800</b>	<b>2,400</b>	<b>5,900</b>	<b>1,200</b>	<b>5,900</b>	<b>1,200</b>	<b>11,800</b>	<b>2,400</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>35,400</b>	<b>7,200</b>	<b>42,600</b>
Source:	HSIP		Fed%: 83%		State%: 17%										

Proposed PHASE	Previous		FY2013		FY2014		FY2015		FY2016		FY2017		TOTAL		
	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Total
PP	590	120	295	60	295	60	590	120	-	-	-	-	1,770	360	2,130
PE	1,770	360	885	180	885	180	1,770	360	-	-	-	-	5,310	1,080	6,390
ROW	590	120	295	60	295	60	590	120	-	-	-	-	1,770	360	2,130
CON	8,850	1,800	4,425	900	7,450	1,655	11,875	2,555	-	-	-	-	32,600	6,910	39,510
OTH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>11,800</b>	<b>2,400</b>	<b>5,900</b>	<b>1,200</b>	<b>8,925</b>	<b>1,955</b>	<b>14,825</b>	<b>3,155</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>41,450</b>	<b>8,710</b>	<b>50,160</b>
Source:	HSIP		Fed%: 83%		State%: 17%										

Change PHASE	Previous		FY2013		FY2014		FY2015		FY2016		FY2017		TOTAL		
	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Total
PP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CON	-	-	-	-	3,025	755	3,025	755	-	-	-	-	6,050	1,510	7,560
OTH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,025</b>	<b>755</b>	<b>3,025</b>	<b>755</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,050</b>	<b>1,510</b>	<b>7,560</b>
Source:	HSIP		Fed%: 83%		State%: 17%										

CMAQ, STP, NHS, IM and Stimulus Funds all remained the same.

PHASE DETAIL (All dollars are displayed in \$1,000's)

PHASE	Previous		FY2013		FY2014		FY2015		FY2016		FY2017		TOTAL		
	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Total
PP	155	15	90	9	55	5	115	10					415	39	454
PE	465	45	270	27	165	15	345	30					1,245	117	1,362
ROW	155	15	90	9	55	5	115	10					415	39	454
CON	2,325	225	1,350	135	825	75	1,725	150					6,225	585	6,810
OTH	-	-	-	-	-	-	-	-					-	-	-
<b>TOTAL</b>	<b>3,100</b>	<b>300</b>	<b>1,800</b>	<b>180</b>	<b>1,100</b>	<b>100</b>	<b>2,300</b>	<b>200</b>					<b>8,300</b>	<b>780</b>	<b>9,080</b>
Source:	IM	Fed%:	91%	State%:	9%										

PHASE DETAIL (All dollars are displayed in \$1,000's)

PHASE	Previous		FY2013		FY2014		FY2015		FY2016		FY2017		TOTAL		
	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Total
PP	2,195	440	1,055	210	600	120	1,325	265					5,175	1,035	6,210
PE	6,585	1,320	3,165	630	1,800	380	3,975	795					15,525	3,105	18,630
ROW	2,195	440	1,375	290	920	200	1,325	265					5,815	1,195	7,010
CON	32,925	6,800	19,825	4,150	17,480	3,920	19,875	3,975					90,105	18,645	108,750
OTH	-	-	-	-	-	-	-	-					-	-	-
<b>TOTAL</b>	<b>43,900</b>	<b>8,800</b>	<b>25,420</b>	<b>5,280</b>	<b>20,800</b>	<b>4,600</b>	<b>26,500</b>	<b>5,300</b>					<b>116,620</b>	<b>23,980</b>	<b>140,600</b>
Source:	STP	Fed%:	83%	State%:	17%										

PHASE DETAIL (All dollars are displayed in \$1,000's)

PHASE	Previous		FY2013		FY2014		FY2015		FY2016		FY2017		TOTAL		
	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Total
PP	725	100	315	65	185	35	420	85					1,645	285	1,930
PE	2,175	300	945	195	555	105	1,260	255					4,935	855	5,790
ROW	725	100	315	65	185	35	420	85					1,645	285	1,930
CON	10,875	1,500	4,725	975	3,783	777	11,342	2,535					30,725	5,787	36,512
OTH	-	-	-	-	-	-	-	-					-	-	-
<b>TOTAL</b>	<b>14,500</b>	<b>2,000</b>	<b>6,300</b>	<b>1,300</b>	<b>4,708</b>	<b>952</b>	<b>13,442</b>	<b>2,980</b>					<b>38,950</b>	<b>7,212</b>	<b>46,162</b>
Source:	NHS	Fed%:	84%	State%:	16%										

PHASE DETAIL (All dollars are displayed in \$1,000's)

PHASE	Previous		FY2013		FY2014		FY2015		FY2016		FY2017		TOTAL		
	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Total
PP	105	-	45	-	25	-	60	-					235	-	235
PE	315	-	135	-	75	-	180	-					705	-	705
ROW	105	-	45	-	25	-	60	-					235	-	235
CON	1,575	-	675	-	375	-	900	-					3,525	-	3,525
OTH	-	-	-	-	-	-	-	-					-	-	-
<b>TOTAL</b>	<b>2,100</b>	<b>-</b>	<b>900</b>	<b>-</b>	<b>500</b>	<b>-</b>	<b>1,200</b>	<b>-</b>					<b>4,700</b>	<b>-</b>	<b>4,700</b>
Source:	CMAQ	Fed%:	100%	State%:	0%										

PHASE DETAIL (All dollars are displayed in \$1,000's)

PHASE	Previous		FY2013		FY2014		FY2015		FY2016		FY2017		TOTAL		
	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Total
PP	795	155	5	-	-	-	-	-					800	155	955
PE	2,385	465	15	-	-	-	-	-					2,400	465	2,865
ROW	795	155	5	-	-	-	-	-					800	155	955
CON	11,925	2,325	75	-	-	-	-	-					12,000	2,325	14,325
OTH	-	-	-	-	-	-	-	-					-	-	-
<b>TOTAL</b>	<b>15,900</b>	<b>3,100</b>	<b>100</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>					<b>18,000</b>	<b>3,100</b>	<b>19,100</b>
Source:	STIM	Fed%:	84%	State%:	16%										

FY 2013 STIP Administrative Modification MDOT Control #13-74 Baltimore Region Highways

Thursday, June 20, 2013

Hi Mike:

We concur with FY 2013 STIP Administrative Modification MDOT Control #13-74.

Thanks,

Kwame Arhin Ph.D  
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