



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

**Larry Hogan**  
Governor

**Boyd Rutherford**  
Lt. Governor

**Pete K. Rahn**  
Secretary

May 7, 2015

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

Mr. Reginald Lovelace  
Regional Administrator  
Attn: Ms. Kathleen Zubrzycki  
Federal Transit Administration  
1760 Market Street, Suite 500  
Philadelphia, PA 19103

RE: Amendment to the Fiscal Year (FY) 2014 Maryland Statewide Transportation Improvement Program (STIP) to add the Bus Efficiency Enhancements Research and Demonstration Project. MDOT Control # 14-67

Dear Mr. Murrill and Mr. Lovelace:

The Maryland Department of Transportation (MDOT) hereby amends the FY 2014 Maryland STIP to reflect the addition of the Bus Efficiency Enhancements Research and Demonstration Project to the 2014-2017 Baltimore Regional Transportation Board's (BRTB) Transportation Improvement Program (TIP). Attached please find supporting documentation including the notification letters documenting the April 29, 2015, approval of the Amendment by the BRTB Executive Committee. The TIP categories and funding amounts are shown below:

- Bus Efficiency Enhancements Research and Demonstration Project – adds Section 5312 Program funds (\$496,000 F, \$212,000 S) for Construction in FY2015.

This was a discretionary grant given to Maryland Transit Administration and cannot be used for any other purpose. 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

My telephone number is \_\_\_\_\_  
Toll Free Number 1-888-713-1414 TTY Users Call Via MD Relay  
7201 Corporate Center Drive, Hanover, Maryland 21076

Mr. Gregory Murrill  
Mr. Reginald Lovelace  
Page Two

cc: Mr. Tyson Byrne, Regional Planner, Office of Planning and Capital Programming, MDOT  
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  
Mr. Kevin Quinn, Director, Office of Planning, Maryland Transit Administration

# 2014 MARYLAND STATEWIDE TIP

MDOT STIP # 40-1501-05

## SUMMARY TABLE

Project	Amendment Criteria (A/B/C/D)	Conformity Status	Environmental Status	Current Funding Level			Net Change		
				Federal	State	Total	Federal	State	Total
Bus Efficiency Enhancements Research and Demonstrations	A	Exempt		0.0	0.0	0.0	496.0	212.0	708.0
	Administration MTA	Area/MPO BRTB							
Description: To develop and demonstrate a retrofit of 41 hybrid buses with new beltless alternators to reduce alternator maintenance, related belt failures, road calls, improve fuel economy and subsequently, greenhouse gas emissions.									
Justification: This project will promote the development and demonstration of targeted energy efficiency enhancements for buses utilized in public transportation.									

## INDIVIDUAL REQUEST FORM

STIP/TIP Amendment Criteria	Current	Funding	Previous	FY2014	FY2015	FY2016	FY2017	FY2018	Total	
<input checked="" type="checkbox"/> A Adds new individual projects to the current STIP/TIP. <input 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:	Total	Total	-	-	-	-	-	-	-	
		Federal	-	-	-	-	-	-	-	-
		State	-	-	-	-	-	-	-	-
	Proposed	Total	-	-	708	-	-	-	-	708
		Federal	-	-	496	-	-	-	-	496
		State	-	-	212	-	-	-	-	212
	Net Change	Total	-	-	708	-	-	-	-	708
		Federal	-	-	496	-	-	-	-	496
		State	-	-	212	-	-	-	-	212



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

Fund Source 1															
Current PHASE	Previous		FY2014		FY2015		FY2016		FY2017		FY2018		TOTAL		
	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Total
PP															
PE															
ROW															
CON															
OTH															
<b>TOTAL</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Source: 5312 Fed%: 0% State%: 0%															
Proposed PHASE	Previous		FY2014		FY2015		FY2016		FY2017		FY2018		TOTAL		
	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Total
PP															
PE															
ROW															
CON					496	212							496	212	708
OTH															
<b>TOTAL</b>	-	-	-	-	496	212	-	-	-	-	-	-	496	212	708
Source: 5312 Fed%: 70% State%: 30%															
Change PHASE	Previous		FY2014		FY2015		FY2016		FY2017		FY2018		TOTAL		
	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Total
PP															
PE															
ROW															
CON					496	212							496	212	708
OTH															
<b>TOTAL</b>	-	-	-	-	496	212	-	-	-	-	-	-	496	212	708
Source: 5312 Fed%: 70% State%: 30%															



U.S. Department  
of Transportation  
**Federal Transit  
Administration**

MAY 18 2015

REGION III  
Delaware, District of  
Columbia, Maryland,  
Pennsylvania, Virginia,  
West Virginia

1760 Market Street  
Suite 500  
Philadelphia, PA 19103-4124  
215-656-7100  
215-656-7260 (fax)

Mr. Michael Nixon  
Manager of Office of Planning and Capital Programming  
Maryland Department of Transportation  
7201 Corporate Center Drive  
P.O. Box 548  
Hanover, MD 21076

**Re: Amendments to the FY 2014 Maryland Statewide Transportation Improvement  
Program, MDOT Control #14-67**

Dear Mr. Nixon:

The Maryland Department of Transportation (MDOT) requested approval of an Amendment to the FY 2014 Statewide Transportation Improvement Program (STIP) (Control#14-67 dated May 7, 2015). This Amendment adds the Bus Efficiency Enhancements Research and Demonstration Project to the STIP.

This project does not alter any conformity findings nor interfere with any State Implementation Plan projects. Per agreement, a joint Federal Transit Administration (FTA)/Federal Highway Administration (FHWA) approval of this STIP Amendment is not required. FTA hereby approves the continuation of this project as an Amendment to the STIP. This approval does not constitute an obligation of Federal funds. FTA finalizes Federal funding for projects included in the STIP upon approval of a grant application.

Ms. Kathleen Zubrzycki, Community Planner, of my staff, is available at (215) 656-7262 if you have questions concerning this approval.

Sincerely,

Vida Morkunas, Director  
Office of Planning and Program Development

cc: Lyn Erickson, MDOT, Office of Planning & Capital Programming  
Heather Murphy, MDOT, Office of Planning & Capital Programming  
Tyson Byrne, MDOT, Office of Planning & Capital Programming  
Holly Arnold, MTA, Office of Capital Programming  
John Gasparine, MTA, Office of Planning  
Terri Lippa, MTA, Office of Planning  
Kellie Gaver, MTA, Office of Planning  
Kwame Arhin, FHWA MD  
Marcel Belanger, FTA Office of Research, Demonstration, and Innovation