



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

**Martin O'Malley**  
Governor

**Anthony G. Brown**  
Lt. Governor

**James T. Smith**  
Secretary

September 4, 2013

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. Kathleen Zubrzycki  
Federal Transit Administration  
1760 Market Street, Suite 500  
Philadelphia, PA 19103

RE: Amendment to the Fiscal Year (FY) 2013 Maryland Statewide Transportation Improvement Program (STIP) for Energy and Emissions Reduction Policy Analysis Tool.  
MDOT Control # 13-98.

Dear Mr. Murrill and Ms. Hynes-Cherin:

The Maryland Department of Transportation (MDOT) hereby Amends the FY 2013 Maryland STIP to reflect the additional Obligation Authority of Climate Change and Transportation funds for Energy and Emissions Reduction Policy Analysis Tool (EERPAT). Maryland will use the funds to develop the EERPAT model. A brief description of the action being taken on the individual projects is shown below:

- Energy and Emissions Reduction Policy Analysis Tool – adds \$20,000 in Federal Climate Change and Transportation funds and \$20,000 State Matching funds to the planning phase of FY2013.

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. Lyn Erickson, Manager Federal Liaison, Office of Planning and Capital Programming, MDOT  
Ms. Heather Murphy, Deputy Director, Office of Planning and Capital Programming, MDOT

# 2013 MARYLAND STATEWIDE TIP

MDOT STIP # #13-98

**SUMMARY TABLE**

Project	Amendment Criteria (A/B/C/D)	Conformity Status	Environmental Status	Current Funding Level			Net Change		
				Federal	State	Total	Federal	State	Total
Energy and Emissions Reduction Policy Analysis Tool	A	Exempt		0.0	0.0	0.0	20.0	20.0	40.0
Administration		Area/MPO	CTP Page (with year, ex. H-22 FY2010)						
SHA		BRTB							
Description	EERPAT pilot tests are to: (1) provide assistance to State DOTs interested in evaluating and analyzing various GHG and energy reduction scenarios and alternatives; (2) to build GHG and energy analysis capacity at the statewide level; and (3) provide feedback to refine the Tool.								
Justification	The EERPAT was developed to assist State transportation agencies with analyzing greenhouse gas (GHG) and energy reduction scenarios and alternatives for use in the transportation planning process, the development of State climate action plans, scenario planning exercises, and to measure the reduction potential of various transportation strategies to meet State GHG reduction goals and targets. The Tool allows agencies to conduct quick turnaround scenario analysis of dozens of GHG mitigation strategies.								

**INDIVIDUAL REQUEST FORM**

STIP/TIP Amendment Criteria		Funding	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	Total
<input checked="" type="checkbox"/> A Adds new individual projects to the current STIP/TIP.	Current	Total	-	-	-	-	-	-	-
<input type="checkbox"/> B Increase/decrease, scope change, advance, delay, or phase change.		Federal	-	-	-	-	-	-	-
<input type="checkbox"/> C Removes or deletes individual listed project from the STIP/TIP.		State	-	-	-	-	-	-	-
<input type="checkbox"/> D Other:	Proposed	Total	-	40	-	-	-	-	40
		Federal	-	20	-	-	-	-	20
		State	-	20	-	-	-	-	20
	Net Change	Total	-	40	-	-	-	-	40
		Federal	-	20	-	-	-	-	20
		State	-	20	-	-	-	-	20



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

**Fund Source 1**

Current	FY2012		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													-	-	-
OTH													-	-	-
<b>TOTAL</b>													-	-	-
Source:	CC&T	Fed%:	0%	State%:	0%										

Proposed	FY2012		FY2013		FY2014		FY2015		FY2016		FY2017		TOTAL		
	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Federal	State	Total
PP			20	20									20	20	40
PE													-	-	-
ROW													-	-	-
CON													-	-	-
OTH													-	-	-
<b>TOTAL</b>			20	20									20	20	40
Source:	CC&T	Fed%:	50%	State%:	50%										

Change	FY2012		FY2013		FY2014		FY2015		FY2016		FY2017		TOTAL		
	Federal	State	Total												
PP	-	-	20	20	-	-	-	-	-	-	-	-	20	20	40
PE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	-	-	20	20	-	-	-	-	-	-	-	-	20	20	40

Source: CC&T Fed%: 50% State%: 50%



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

# Memorandum

**SENT VIA ELECTRONIC MAIL**

**HEPN-0813-M445-0008**

**Subject:** **ACTION:** Authority to Obligate Funds:  
Pilot Testing of the Energy and Emissions  
Reduction Policy Analysis Tool (EERPAT)  
*/S/Original signed by C. Michael Culp for*

Date: August 21, 2013

**From:** April L. Marchese  
Director, Office of Natural Environment

In Reply Refer To:  
HEPN-30

**To:** Mr. Gregory Murrill  
Division Administrator (HDA-MD)  
Baltimore, MD

This memorandum allocates \$20,000 of Climate Change and Transportation funds to the Maryland Division, in collaboration with the Maryland Department of Transportation (MDOT), to pilot test the Energy and Emissions Reduction Policy Analysis Tool (EERPAT). The EERPAT was developed to assist State transportation agencies with analyzing greenhouse gas (GHG) and energy reduction scenarios and alternatives for use in the transportation planning process, the development of State climate action plans, scenario planning exercises, and to measure the reduction potential of various transportation strategies to meet State GHG reduction goals and targets. The Tool allows agencies to conduct quick turnaround scenario analysis of dozens of GHG mitigation strategies. Many States are seeking to perform this type of analysis, but lack the tools to do so. The EERPAT was developed to fill this gap.

The purposes of the EERPAT pilot tests are to: (1) provide assistance to State DOTs interested in evaluating and analyzing various GHG and energy reduction scenarios and alternatives; (2) to build GHG and energy analysis capacity at the statewide level; and (3) provide feedback to refine the Tool. Specific expectations are outlined in the EERPAT Information Form for State Pilots, sent to MDOT on April 15, 2013. The target completion date for pilot testing in Maryland is January 31, 2014.

By copy of this memorandum, we are requesting that the Office of the Chief Financial Officer, Office of Financial Management (HCFM-30), make \$20,000 available for obligation by MDOT. These funds should be obligated through the Fiscal Management Information System (FMIS) using FHWA program code M445 and paid through the State's current billing. The State's obligation limitation will be increased by the amount of this

allocation. The Federal share of these activities shall not exceed 50 percent. In-kind contributions may be used as a match as long as the requirements 49 CFR 18.24 are met. The Division must obligate these funds by September 20, 2013.

<b>Amount</b>	<b>Program Code</b>	<b>Fund Year</b>
\$20,000	M445	2013

Diane Turchetta and John Davies of the Office of Natural Environment (HEPN) are the primary HQ contacts for this effort. They can respectively be reached at 202-493-0158 and 202-366-6039. Please send two copies of the executed agreement to him, along with one copy to Ms. Deborah Johnson (HEPH).



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

**DelMar Division**

September 5, 2013

10 South Howard Street, Suite 2450  
Baltimore, MD 21201  
(410) 962-4440  
(410) 962-4054  
<http://www.fhwa.dot.gov/demddiv/>

In Reply Refer To:  
HDA-MD  
709

Mr. Don Halligan, Director  
Office of Planning and Capital Programming, MDOT  
7201 Corporate Center Drive  
P.O. Box 548  
Hanover, Maryland 21076

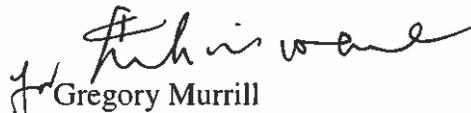
Dear Mr. Halligan:

We have completed our review of the State request (MDOT Control # 13-98) to amend the Fiscal Year (FY) 2013 Statewide Transportation Improvement Program (STIP). Specifically, the STIP is being amended to add Federal funds for testing the Energy and Emission Reduction Policy Analysis Tool.

We accept this amendment and find that it was developed based on a continuing, cooperative, and comprehensive transportation planning process, in accordance with 23 U.S.C. 134, 23 U.S.C. 135 and 49.

If you have any questions, regarding this STIP amendment please contact Kwame Arhin at (410) 779.7158.

Sincerely yours,

  
Gregory Murrill  
Division Administrator

cc:

Heather Murphy, MDOT  
Mike Nixon, MDOT  
Mary Deitz, SHA