



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

**Larry Hogan**  
Governor

**Boyd K. Rutherford**  
Lt. Governor

**Pete K. Rahn**  
Secretary

September 27, 2018

Mr. Gregory Murrill  
Division Administrator  
Attn: Dr. Kwame Arhin  
Federal Highway Administration  
Maryland Division  
George H. Fallon Federal Building  
31 Hopkins Plaza, Suite 1520  
Baltimore MD 21201

Ms. Terry Garcia Crews  
Regional Administrator  
Attn: Mr. Ryan Long  
Federal Transit Administration  
1760 Market Street, Suite 500  
Philadelphia PA 19103

Dear Mr. Murrill and Ms. Crews:

The Maryland Department of Transportation (MDOT) hereby modifies the Fiscal Year (FY) 2017 Maryland Statewide Transportation Improvement Program (STIP) to reflect changes to the Baltimore Regional Transportation Board (BRTB) highway preservation portion of the Baltimore Region's FY2019 – FY2022 Transportation Improvement Program (TIP) to more effectively track areawide projects that do not include construction, such as CHART vehicle purchase.

These modifications move funds from the "Construction" project phase to the "Other" project phase. These modifications also add Congestion Mitigation and Air Quality (CMAQ) funds, National Highway Performance Program (NHPP) funds, and Federal Surface Transportation Block Grant (STBG) funds to the "Other" project phase in the fiscal years covered by the TIP.

The BRTB Executive Committee approved the modification to the Baltimore Region's TIP on September 25, 2018. The MDOT has assigned Control #17-129 for this administrative modification to the STIP. The approval and supporting documentation are attached.

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  
Ms. Terry Garcia Crews  
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<b>Project Name</b>	<b>STIP #</b>	<b>TIP #</b>	<b>Funding Category</b>	<b>FY17-20 Net Federal Change (000's)</b>
Congestion Management Areawide Project	60-9504-04	60-9504-04	CMAQ	\$480
Congestion Management Areawide Project	60-9504-04	60-9504-04	NHPP	\$1,600
Congestion Management Areawide Project	60-9504-04	60-9504-04	STBG	\$4,000

The Maryland Statewide Transportation Improvement Program continues to be fiscally constrained.

Should you have additional questions or concerns, please contact Mr. Dan Janousek at 410-865-1098, toll free 888-713-1414 or via e-mail at [djanousek@mdot.state.md.us](mailto:djanousek@mdot.state.md.us). Of course, please feel free to contact me directly.

Sincerely,



Tyson Byrne  
Regional Planning Manager  
Office of Planning and Capital Programming

Attachment

cc: Mr. Dan Janousek, Regional Planner, OPCP, MDOT



September 25, 2018

Ms. Heather Murphy  
Office of Planning & Capital Programming  
**Attn: Mr. Dan Janousek**  
Maryland Department of Transportation  
7201 Corporate Center Drive  
Hanover, MD 21076-1415

Dear Ms. Murphy:

Enclosed is one Administrative Modification to the *2019 – 2022 Baltimore Region Transportation Improvement Program (TIP)* as approved by the BRTB Executive Committee on September 25, 2018. The documentation enclosed supports changes to the *2019 – 2022 TIP* for one State Highway Administration project:

- **Areawide Congestion Management: 60-9504-04**

This minor change is within the framework for an Administrative Modification and does not impact conformity. SHA has affirmed that fiscal constraint for their program of projects remains intact.

Pursuant to the prescribed Transportation Improvement Program MOU signed in 2014, the BRTB Executive Committee approved this change to the *2019 – 2022 TIP*.



If you have any questions, please feel free to call me.

Sincerely,

A handwritten signature in black ink, consisting of a long horizontal stroke followed by a smaller, more complex flourish below it.

Todd R. Lang, Director  
Transportation Planning

Enclosures

cc: Ms. Tara Penders, State Highway Administration  
Ms. Lisa Sirota, State Highway Administration



**Summary of FY 2019-2022 TIP Changes**

Project Title	TIP Change Reason	Description	Type of Change
Areawide Congestion Management: 60-9504-04	This administrative modification shifts and adds state and federal funds for the "other" project phase to more effectively track areawide projects that do not include construction, such as CHART vehicle purchases. Construction phase funds in the TIP decrease by \$26.4 million while other phase funds increase by \$34 million, for a total increase of \$7.6 million in the TIP.	This is an ongoing program to provide traffic control, management, and monitoring on State highways. These improvements may include but are not limited to the employment of variable message signs, video for traffic management (CCTV), traffic management detectors, signal systemization 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. This project also includes a program that replaces older drayage trucks serving the Port of Baltimore with newer trucks that meet or exceed 2007 EPA emissions certified engine standards.  <b>Conformity Status:</b> Exempt	Admin Mod



SHA - Regional

## 2019 - 2022 Transportation Improvement Program

Emission Reduction Strategy

### Areawide Congestion Management

TIP ID	60-9504-04	Year of Operation	Ongoing
Agency	SHA - Regional	Project Type	Traffic engineering
Project Category	Emission Reduction Strategy	Functional Class	Varies
Conformity Status	Exempt	Physical Data	NA
CIP or CTP ID(s)	A-21	Est. Total Cost	\$83,600,000

**Description:**

This is an ongoing program to provide traffic control, management, and monitoring on State highways. These improvements may include but are not limited to the employment of variable message signs, video for traffic management (CCTV), traffic management detectors, signal systemization 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.

This project also includes a program that replaces older drayage trucks serving the Port of Baltimore with newer trucks that meet or exceed 2007 EPA emissions certified engine standards.

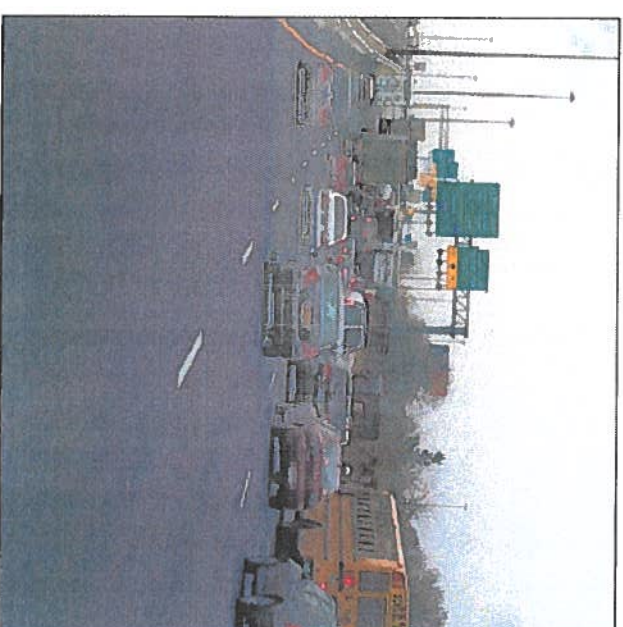
**Justification:**

These projects together provide an important air quality component of reducing emissions from motor vehicles in the Baltimore region. Most of these projects will improve safety and traffic flow operations on the existing highway system without major new construction. They will 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.

**Administrative Modification:** This administrative modification shifts and adds state and federal funds for the "other" project phase to more effectively track areawide projects that do not include construction, such as CHART vehicle purchases. Construction phase funds in the TIP decrease by \$26.4 million while other phase funds increase by \$34 million, for a total increase of \$7.6 million in the TIP.

**Connection to Long-Range Transportation Planning Goals:**

- 4.A Increase Mobility -- Provide techniques or alternatives as part of a Congestion Management Process (CMP)
- 5.C Conserve and Enhance the Environment -- Provide incentives for zero-emission vehicles.





**Areawide Congestion Management**

(Funding in Thousands)

**Congestion Mitigation and Air Quality** :ORIGINAL

Phase	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	Total Four-Year Funding Request
CON	\$480	\$120	\$480	\$120	\$480	\$120	\$480	\$120	\$2,400
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$240	\$60	\$240	\$60	\$240	\$60	\$240	\$60	\$1,200
PP	\$80	\$20	\$80	\$20	\$80	\$20	\$80	\$20	\$400
ROW	\$80	\$20	\$80	\$20	\$80	\$20	\$80	\$20	\$400
Subtotal	\$880	\$220	\$880	\$220	\$880	\$220	\$880	\$220	\$4,400

**National Highway Performance Program (National Highway System, Interstate Maintenance, Bridge (on-System))** :ORIGINAL

Phase	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	Total Four-Year Funding Request
CON	\$1,200	\$300	\$1,200	\$300	\$1,040	\$260	\$1,040	\$260	\$5,600
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$80	\$20	\$80	\$20	\$80	\$20	\$80	\$20	\$400
PP	\$800	\$200	\$640	\$160	\$640	\$160	\$640	\$160	\$3,400
ROW	\$40	\$10	\$40	\$10	\$40	\$10	\$40	\$10	\$200
Subtotal	\$2,120	\$530	\$1,960	\$490	\$1,800	\$450	\$1,800	\$450	\$9,600

**Surface Transportation Block Grant Program** :ORIGINAL

Phase	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	Total Four-Year Funding Request
CON	\$8,000	\$2,000	\$8,000	\$2,000	\$8,000	\$2,000	\$8,000	\$2,000	\$40,000
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$4,000	\$1,000	\$4,000	\$1,000	\$3,200	\$800	\$3,200	\$800	\$18,000
PP	\$800	\$200	\$800	\$200	\$640	\$160	\$640	\$160	\$3,600
ROW	\$80	\$20	\$80	\$20	\$80	\$20	\$80	\$20	\$400
Subtotal	\$12,880	\$3,220	\$12,880	\$3,220	\$11,920	\$2,980	\$11,920	\$2,980	\$62,000
Total	\$15,880	\$3,970	\$15,720	\$3,930	\$14,600	\$3,650	\$14,600	\$3,650	\$76,000





### Areawide Congestion Management

(Funding in Thousands)

#### Congestion Mitigation and Air Quality -UPDATE

Phase	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	Total Four-Year Funding Request
CON	\$960	\$240	\$480	\$120	\$480	\$120	\$480	\$120	\$3,000
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$240	\$60	\$240	\$60	\$240	\$60	\$240	\$60	\$1,200
PP	\$80	\$20	\$80	\$20	\$80	\$20	\$80	\$20	\$400
ROW	\$80	\$20	\$80	\$20	\$80	\$20	\$80	\$20	\$400
Subtotal	\$1,360	\$340	\$880	\$220	\$880	\$220	\$880	\$220	\$5,000

#### National Highway Performance Program (National Highway System, Interstate Maintenance, Bridge (on-System)) -UPDATE

Phase	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	Total Four-Year Funding Request
CON	\$1,200	\$300	\$1,200	\$300	\$240	\$60	\$240	\$60	\$3,600
OTH	\$800	\$200	\$800	\$200	\$800	\$200	\$800	\$200	\$4,000
PE	\$80	\$20	\$80	\$20	\$80	\$20	\$80	\$20	\$400
PP	\$800	\$200	\$640	\$160	\$640	\$160	\$640	\$160	\$3,400
ROW	\$40	\$10	\$40	\$10	\$40	\$10	\$40	\$10	\$200
Subtotal	\$2,920	\$730	\$2,760	\$690	\$1,800	\$450	\$1,800	\$450	\$11,600

#### Surface Transportation Block Grant Program -UPDATE

Phase	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	Total Four-Year Funding Request
CON	\$7,200	\$1,800	\$1,600	\$400	\$1,600	\$400	\$1,600	\$400	\$15,000
OTH	\$4,800	\$1,200	\$6,400	\$1,600	\$6,400	\$1,600	\$6,400	\$1,600	\$30,000
PE	\$4,000	\$1,000	\$4,000	\$1,000	\$3,200	\$800	\$3,200	\$800	\$18,000
PP	\$800	\$200	\$800	\$200	\$640	\$160	\$640	\$160	\$3,600
ROW	\$80	\$20	\$80	\$20	\$80	\$20	\$80	\$20	\$400
Subtotal	\$16,880	\$4,220	\$12,880	\$3,220	\$11,920	\$2,980	\$11,920	\$2,980	\$67,000
Total	\$21,160	\$5,290	\$16,520	\$4,130	\$14,600	\$3,650	\$14,600	\$3,650	\$83,600





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

**Larry Hogan**  
Governor

**Boyd K. Rutherford**  
Lt. Governor

**Pete K. Rahn**  
Secretary

September 24, 2018

Mr. Todd R. Lang, Director  
Transportation Planning  
Attn: Mr. Zach Kaufman  
Offices @ McHenry Row  
1500 Whetstone Way, Suite 300  
Baltimore Maryland 21230

Dear Mr. Lang:

The Maryland Department of Transportation (MDOT) on behalf of the Maryland Department of Transportation State Highway Administration (MDOT SHA) is requesting modifications to the FY 2019-2022 Baltimore Region Transportation Improvement Program (TIP). The purpose for these modifications is to update funds in the TIP for the Congestion Management Areawide Project (60-9504-04).

Details of the modifications can be found on the attached request memorandum and documentation. The MDOT assures that these changes do not adversely affect the fiscal constraint of the TIP.

If you have questions or need additional information, please contact me at 410-865-1284, or via email at [tbyrne@mdot.state.md.us](mailto:tbyrne@mdot.state.md.us) for assistance.

Sincerely,

A handwritten signature in blue ink, appearing to read "Tyson Byrne".

Mr. Tyson Byrne, Regional Planning 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

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**MEMORANDUM**

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**TO:** DIRECTOR HEATHER MURPHY  
OFFICE OF PLANNING AND CAPITAL PROGRAMMING

**ATTN:** REGIONAL PLANNER DAN JANOUSEK  
REGIONAL PLANNING MANAGER TYSON BYRNE

**FROM:** CHIEF SAMANTHA BIDDLE *[Signature]*  
REGIONAL AND INTERMODAL PLANNING DIVISION

**SUBJECT:** ADMINISTRATIVE MODIFICATION TO THE FISCAL YEAR 2019-2022  
BALTIMORE REGION TRANSPORTATION PROGRAM (TIP) FOR  
FUNDING FLOWS OF 60-9504-04, CONGESTION MANAGEMENT  
AREAWIDE PROJECT

**DATE:** SEPTEMBER 24, 2018

**RESPONSE  
REQUESTED BY:** N/A

The Maryland Department of Transportation State Highway Administration (MDOT SHA) is requesting an administrative modification to the FY 2019-2022 Baltimore Region Transportation Improvement Program (TIP) for 60-9504-04. The purpose for this modification is to shift and add state and federal funding to the "other" project phase, as requested by the Federal Highway Administration (FHWA) to more effectively track areawide projects that do not include construction. This action also adds state and federal funding to the construction phase to accommodate committed projects:

- 60-9504-04, MC#17-123, 9/11/2018, Congestion Management Areawide Project: Shift \$25.0 million of Surface Transportation Block Grant (STBG) and State match funding from the "construction" project phase to the "other" project phase for the years covered by the BRTB TIP. Add \$5.0 million of STBG funds to the "other" project phase for FY2019.
- 60-9504-04, MC#17-123, 9/11/2018, Congestion Management Areawide Project: Add \$2.0 million of National Highway Preservation Program (NHPP) and State match funding to the "other" project phase for FY 2019 and FY 2020. In addition, shift \$2.0 million of NHPP funds to the "other" project phase for FY2020 and FY2021.
- 60-9504-04, MC#17-123, 9/11/2018, Congestion Management Areawide Project: Add \$600,000 of Congestion Management and Air Quality (CMAQ) and State match funding to the "construction" project phase for FY 2019.

The 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.

Director Heather Murphy  
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If you have any questions or need additional information, please contact me or Ms. Lisa Sirota, MDOT SHA Regional Planner, at 410-545-5550 or via email at [lsirota@mdot.state.md.us](mailto:lsirota@mdot.state.md.us).

cc: Mr. Stephen Miller, Regional Planner, MDOT SHA  
Ms. Tara Penders, Assistant Chief, Regional and Intermodal Planning Division, MDOT SHA  
Mr. Peter Regan, Assistant Regional Planner, MDOT SHA  
Ms. Lisa Sirota, Regional Planner, MDOT SHA  
Mr. Jerry Smith, Assistant Regional Planner, MDOT SHA

