



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

**Larry Hogan**  
 Governor

**Boyd K. Rutherford**  
 Lt. Governor

**Pete K. Rahn**  
 Secretary

September 27, 2017

Mr. Gregory Murrill  
 Division Administrator  
 Attn: Dr. Kwame Arhin  
 Federal Highway Administration  
 10 South Howard Street  
 Suite 2450  
 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 amends the Fiscal Year (FY) 2017 Maryland Statewide Transportation Improvement Program (STIP) to add a highway project to the FY 2018-2021 Baltimore Regional Transportation Board (BRTB) Transportation Improvement Program (TIP).

The BRTB approved the amendment to its TIP on September 26, 2017. MDOT has assigned Control #17-58 for this amendment to the STIP. The approvals and supporting documentation are attached.

Project Name	STIP #	TIP #	Funding Source	Project Type	FY17-20 Net Federal Change
I-695 at Cromwell Bridge	63-1801-38	63-1801-38	NHPP, State	Amendment	\$10,059,000

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  
Page Two

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

Should you have additional questions or concerns, please contact me at 410-865-1284, toll free 888-713-1414 or via e-mail at [tbyrne@mdot.state.md.us](mailto:tbyrne@mdot.state.md.us).

Sincerely,

A handwritten signature in blue ink, appearing to read "Tyson Byrne". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Tyson Byrne  
Regional Planning Manager  
Office of Planning and Capital Programming

Attachment

# 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

September 26, 2017

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

Dear Ms. Murphy:

Enclosed is an amendment to the *2018 – 2021 Baltimore Region Transportation Improvement Program (TIP)* as approved by the Baltimore Regional Transportation Board (BRTB) on September 26, 2017. The State Highway Administration is requesting to add the I-695 at Cromwell Bridge Road – Drainage Improvement project to the TIP utilizing federal NHPP funds along with state matching funds. The project involves restoration of a stream channel, repair of drainage outfalls, construction of stormwater management facilities, and relocation of the Baltimore County sewer line.

The amendment underwent a publicized 30-day public review from August 24, 2017 to September 25, 2017. No comments were received on this project. The Interagency Consultation Group has determined that the project is exempt from the requirement to determine conformity according to the Conformity Rule.

SHA affirmed that fiscal constraint for their program of projects remains intact.

Pursuant to the prescribed TIP amendment process, the BRTB approved Resolution #18-5 to support changes to the *2018-2021 TIP* for this project.

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

Sincerely,



Todd R. Lang, Director  
Transportation Planning

Enclosures  
cc: Ms. Tara Penders, State Highway Administration

**BALTIMORE METROPOLITAN PLANNING ORGANIZATION**

**BALTIMORE REGIONAL TRANSPORTATION BOARD  
RESOLUTION #18-5**

**AMENDMENT TO THE 2018 – 2021 BALTIMORE REGION  
TRANSPORTATION IMPROVEMENT PROGRAM**

**WHEREAS**, the Baltimore Regional Transportation Board is the designated Metropolitan Planning Organization for the Baltimore region, encompassing the Baltimore Urbanized Area, and includes official representatives of the cities of Annapolis and Baltimore, the counties of Anne Arundel, Baltimore, Carroll, Harford, Howard, and Queen Anne’s as well as representatives of the Maryland Department of Transportation, the Maryland Department of the Environment, the Maryland Department of Planning, the Maryland Transit Administration, and Harford Transit; and

**WHEREAS**, the Baltimore Regional Transportation Board, as the Metropolitan Planning Organization for the Baltimore region, approved the 2018-2021 Transportation Improvement Program for the Baltimore region at its July 25, 2017 meeting, with federal approval on August 9, 2017; and

**WHEREAS**, federal regulations require that all transportation-related projects must be listed in the approved Transportation Improvement Program with accurate funding schedules in order to be eligible for federal funding; and

**WHEREAS**, the Transportation Improvement Program consists of projects included in, and in support of, the region's long-range transportation plan and ongoing short-range planning efforts; and

**WHEREAS**, the Maryland Department of Transportation on the behalf of the State Highway Administration has requested approval of an amendment to the 2018-2021 Transportation Improvement Program through the approved Transportation Improvement Program amendment process; and

**WHEREAS**, the State Highway Administration is requesting to add the I-695 at Cromwell Bridge Road – Drainage Improvement project to the 2018-2021 TIP (see attachment). The project involves restoration of a stream channel, repair of drainage outfalls, construction of stormwater management facilities, and relocation of the Baltimore County sewer line; and

**WHEREAS**, the Transportation Improvement Program, as amended, continues to display financial reasonableness and re-affirms the appropriate project selection criteria whereby all requirements for a Transportation Improvement Program in the Fixing America’s Surface Transportation Act are met; and

**WHEREAS**, the Interagency Consultation Group has determined that this project is exempt according to the Conformity Rule (40 CFR Parts 51 and 93); and

**WHEREAS**, the proposed Transportation Improvement Program amendment was publicized for a 30-day review from Thursday, August 24 through Monday, September 25. No comments were received on this project.

**NOW, THEREFORE, BE IT RESOLVED** that the Baltimore Regional Transportation Board, as the Metropolitan Planning Organization for the Baltimore region, approves the attached amendment to the 2018-2021 Transportation Improvement Program for the Baltimore region and finds it to conform to the applicable Maryland State Implementation Plan and requirements of the 1990 Clean Air Act Amendments.

**I HEREBY CERTIFY** that the Baltimore Regional Transportation Board as the Metropolitan Planning Organization for the Baltimore region approved the aforementioned resolution on September 26, 2017.

9-26-17

Date



Valorie LaCour, Chair

Baltimore Regional Transportation Board

### I-695 at Cromwell Bridge Road - Drainage Improvement

<b>TIP ID</b>	63-1801-38	<b>Year of Operation</b>	2020
<b>Agency</b>	SHA - Baltimore County	<b>Project Type</b>	Environmental other
<b>Project Category</b>	Environmental/Safety	<b>Functional Class</b>	Interstate
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	NA
<b>CIP or CTP ID(s)</b>	BA7121	<b>Est. Total Cost</b>	\$13,455,486

**Description:**

This project involves the following improvements: restoration of the stream channel and repair of SHA drainage outfalls and outfall channels, construction of stormwater management facilities to provide water quality treatment, and relocation of the Baltimore County sewer line.

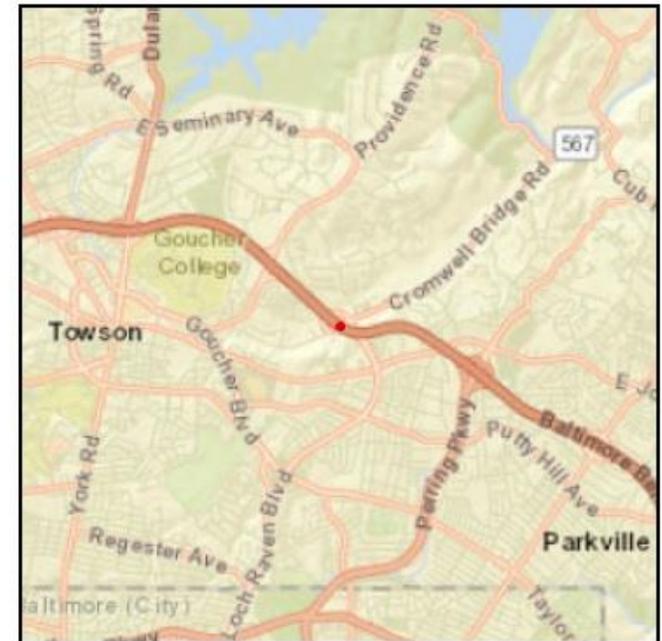
**Justification:**

The stream channel is degraded, is causing erosion, and needs repair. Water from SHA impervious surfaces is currently untreated. These improvements provide mitigation for I-695 from US 40 to MD 144 (SWOL II - BA7275172) and for future MDOT SHA projects.

**Amendment:** This amendment adds the project to the 2018-2021 TIP utilizing federal NHPP funds along with state matching funds for the preliminary engineering, construction, and right-of-way phases. The project requires its own TIP sheet because the total cost now exceeds \$10 million, and must be included as a major project in the Maryland Department of Transportation (MDOT) Consolidated Transportation Program. Federal NHPP funds are added in the amount of \$9.548 million along with \$2.387 million in state matching funds for a total of \$11.935 million added to the 2018-2021 TIP. The total project cost is \$13.455 million, with \$1.52 million expended in previous fiscal years.

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

- 5.B Conserve and Enhance the Environment – Reduce surface runoff.
- 5.E Conserve and Enhance the Environment – Preserve and protect natural and cultural resources.





### I-695 at Cromwell Bridge Road - Drainage Improvement

(Funding in Thousands)

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

Phase	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	Total Four-Year Funding Request
CON	\$4,880	\$1,220	\$2,480	\$620	\$880	\$220	\$0	\$0	\$10,300
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$64	\$16	\$0	\$0	\$0	\$0	\$0	\$0	\$80
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$1,244	\$311	\$0	\$0	\$0	\$0	\$0	\$0	\$1,555
<b>Subtotal</b>	<b>\$6,188</b>	<b>\$1,547</b>	<b>\$2,480</b>	<b>\$620</b>	<b>\$880</b>	<b>\$220</b>	<b>\$0</b>	<b>\$0</b>	<b>\$11,935</b>
<b>Total</b>	<b>\$6,188</b>	<b>\$1,547</b>	<b>\$2,480</b>	<b>\$620</b>	<b>\$880</b>	<b>\$220</b>	<b>\$0</b>	<b>\$0</b>	<b>\$11,935</b>



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

**Larry Hogan**  
Governor

**Boyd K. Rutherford**  
Lt. Governor

**Pete K. Rahn**  
Secretary

August 22, 2017

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

Dear Mr. Lang:

The Maryland Department of Transportation (MDOT) is requesting an Amendment to the FY 2018-2021 Baltimore Region Transportation Improvement Program (TIP). The purpose of this amendment is to add a new project, I-695 at Cromwell Bridge: Drainage Improvements. A description of the amendment is below:

- **I-695 at Cromwell Bridge: Drainage Improvements (63-1801-38)** – to add a new project with \$11.9 million in funding for preliminary engineering, right-of-way, and construction, including \$9.5 million in federal funds and \$2.4 million in State matching funds.

Details of the amendment can be found on the attached request memorandum and State Transportation Improvement Program sheets. The MDOT assure that these changes do not adversely affect the fiscal constraint of the TIP.

If you have questions or need additional information, please contact Chris Witt, Office of Planning and Capital Programming (OPCP) Regional Planner at 410-865-1279 or via email at [cwitt@mdot.state.md.us](mailto:cwitt@mdot.state.md.us). Mr. Witt will be happy to assist you.

Sincerely,

Mr. Tyson Byrne, Regional Planning Manager  
Office of Planning and Capital Programming

Attachment

cc: Mr. Chris Witt, Regional Planner, OPCP, MDOT

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

**MEMORANDUM**

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

**ATTN:** REGIONAL PLANNER CHRIS WITT  
REGIONAL PLANNING MANAGER TYSON BYRNE

**FROM:** CHIEF ERIC BECKETT *[Signature]*  
REGIONAL AND INTERMODAL PLANNING DIVISION

**SUBJECT:** REQUEST TO AMEND THE FY 2018-2021 BALTIMORE REGIONAL  
TRANSPORTATION BOARD (BRTB) TRANSPORTATION IMPROVEMENT  
PROGRAM (TIP)

**DATE:** AUGUST 22, 2017

**RESPONSE  
REQUESTED BY:** N/A

**PURPOSE OF MEMORANDUM**

To request the Maryland Department of Transportation (MDOT) Office of Planning and Capital Programming approve and forward to BRTB for its approval the following TIP amendment.

**SUMMARY**

The MDOT State Highway Administration (SHA) hereby requests amendment of the FY 2018-2021 BRTB TIP to reflect the following action.

TIP	Project	Phase	New Funding
63-1801-38	I-695 at Cromwell Bridge Road, Drainage Improvement, Towson area of Baltimore County	PE RW CO	\$80,000 \$1,555,486 \$10,300,000

**ANALYSIS**

*I-695 at Cromwell Bridge Road, Drainage Improvement* – This requested amendment reflects the addition of this project as a major CTP project from the System Preservation Program, due to the total project cost exceeding \$10,000,000. MDOT SHA anticipates advertising this project for construction in the Fall of 2017 and completion of the improvements in the Summer of 2019. This project is necessary to address an erosion issue and is required mitigation for the I-695 widening project from US 40 to MD 144.

Director Heather Murphy  
Page Two

This cost of this project has increased due to new right-of-way and easements needed for the project, the addition of a submerged gravel wetland, the relocation of a sewer line, and an increase in costs for the stream and outfall work.

The attached Statewide TIP (STIP) report documents MDOT's requested amendment with respect to funding for the above project. This requested action will not impact scheduling or funding availability for other projects in the current STIP, which remains fiscally constrained. The amended funding does not affect the portion of federal funding programmed for transit or allocations of state aid to local jurisdictions in lieu of federal aid.

In addition, the Maryland Transportation Trust Fund (TTF) remains fiscally constrained. The TTF supports State transportation system operation and maintenance, MDOT administration, debt service, and capital projects. Semiannually, MDOT updates revenues and expenditures using two national forecasting companies' latest economic estimates. MDOT published funding details in the FY 2017-2022 Consolidated Transportation Program ([http://www.mdot.maryland.gov/Office\\_of\\_Planning\\_and\\_Capital\\_Programming/CTP/Index.html](http://www.mdot.maryland.gov/Office_of_Planning_and_Capital_Programming/CTP/Index.html)) and FY 2017-2020 Maryland STIP ([http://www.mdot.maryland.gov/newMDOT/Planning/STIP\\_TIP/Documents/2017\\_STIP\\_Draft\\_053116.pdf](http://www.mdot.maryland.gov/newMDOT/Planning/STIP_TIP/Documents/2017_STIP_Draft_053116.pdf)).

Please amend the FY 2018-2021 BRTB TIP and FY 2017-2020 Maryland STIP to reflect the funding information provided in the attachments. If you have any questions, please contact Mr. Ted Yurek, MDOT SHA Regional Planner, at 410-545-5671 or via email at [tyurek@sha.state.md.us](mailto:tyurek@sha.state.md.us).

#### **ATTACHMENTS**

- FY 2018-2021 BRTB TIP project 63-1801-38 report
- FY 2017-2020 Maryland STIP project BRTB 63-1801-38 report

cc: Mr. Cornelius Barmer, Assistant Chief, Highway Design Division, MDOT SHA  
Ms. Lindsay Bobian, Team Leader, MDOT SHA  
Ms. Tara Penders, Assistant Chief, Regional and Intermodal Planning Division, MDOT SHA  
Mr. Jerry Smith, Assistant Regional Planner, MDOT SHA  
Ms. Wendy Wolcott, District 4 Engineer, MDOT SHA  
Mr. Ted Yurek, Regional Planner, MDOT SHA

# MARYLAND STATEWIDE TIP FY 2017-2020

MDOT STIP # BRTB 63-1801-38

**SUMMARY TABLE**

Project	Amendment Criteria	Conformity Status	Environmental Status	Current Funding Level (000s)		
				Federal	State/Local	Total
I-695 at Cromwell Bridge Road / Drainage Improvement (BA7125174)	A	Exempt	PCE Complete	\$ -	\$ -	\$ -
	Administration		Area/MPO	Net Funding Change (000s)		
	MDOT SHA	BRTB	CTP Page	Federal	State/Local	Total
			New	\$ 10,059	\$ 2,515	\$ 12,573

**Description** Restore stream channel, repair SHA drainage outfalls and outfall channels, construction of storm water management facilities to provide water quality treatment, and relocation of County sewer line.

**Justification** Stream channel is degraded, is causing erosion, and needs repair. Water from SHA impervious surfaces currently is untreated. These improvements provide mitigation for I-695 - US 40 to MD 144 (SWOL II - BA7275172) and future MDOT SHA projects.

**INDIVIDUAL REQUEST FORM**

STIP/TIP Amendment Criteria	Funding	FY 2017	FY 2018	FY 2019	FY 2020	Total
		<input checked="" type="checkbox"/> A) Adds new individual projects to the current STIP <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 <input type="checkbox"/> D) Other	Current (000s)	Total	Total	Total
		\$ -	\$ -	\$ -	\$ -	\$ -
	Federal	\$ -	\$ -	\$ -	\$ -	\$ -
	State/Local	\$ -	\$ -	\$ -	\$ -	\$ -
	Proposed (000s)	Total	Total	Total	Total	Total
		\$ 638	\$ 7,735	\$ 3,100	\$ 1,100	\$ 12,573
	Federal	\$ 510	\$ 6,188	\$ 2,480	\$ 880	\$ 10,059
	State/Local	\$ 128	\$ 1,547	\$ 620	\$ 220	\$ 2,515
	Change (000s)	Total	Total	Total	Total	Total
		\$ 638	\$ 7,735	\$ 3,100	\$ 1,100	\$ 12,573
	Federal	\$ 510	\$ 6,188	\$ 2,480	\$ 880	\$ 10,059
	State/Local	\$ 128	\$ 1,547	\$ 620	\$ 220	\$ 2,515

**PHASE DETAIL**

Current		FY 2017		FY 2018		FY 2019		FY 2020		TOTAL	
Phase	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	Total
PP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Proposed		FY 2017		FY 2018		FY 2019		FY 2020		TOTAL	
Phase	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	Total
PP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE	NHPP	\$ 510	\$ -	\$ 64	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 574	\$ 574
	State	\$ -	\$ 128	\$ -	\$ 16	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 144
RW	NHPP	\$ -	\$ -	\$ 1,244	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,244	\$ 1,244
	State	\$ -	\$ -	\$ -	\$ 311	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 311
CO	NHPP	\$ -	\$ -	\$ 4,880	\$ -	\$ 2,480	\$ -	\$ 880	\$ -	\$ 8,240	\$ 8,240
	State	\$ -	\$ -	\$ -	\$ 1,220	\$ -	\$ 620	\$ -	\$ 220	\$ -	\$ 2,060
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>		\$ 510	\$ 128	\$ 6,188	\$ 1,547	\$ 2,480	\$ 620	\$ 880	\$ 220	\$ 10,059	\$ 12,573

Change		FY 2017		FY 2018		FY 2019		FY 2020		TOTAL	
Phase	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	Total
PP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE	NHPP	\$ 510	\$ -	\$ 64	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 574	\$ 574
	State	\$ -	\$ 128	\$ -	\$ 16	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 144
RW	NHPP	\$ -	\$ -	\$ 1,244	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,244	\$ 1,244
	State	\$ -	\$ -	\$ -	\$ 311	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 311
CO	NHPP	\$ -	\$ -	\$ 4,880	\$ -	\$ 2,480	\$ -	\$ 880	\$ -	\$ 8,240	\$ 8,240
	State	\$ -	\$ -	\$ -	\$ 1,220	\$ -	\$ 620	\$ -	\$ 220	\$ -	\$ 2,060
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>		\$ 510	\$ 128	\$ 6,188	\$ 1,547	\$ 2,480	\$ 620	\$ 880	\$ 220	\$ 10,059	\$ 12,573

# MARYLAND STATEWIDE TIP FY 2017-2020

TOTAL PROJECT COST							
Prior Cost (≤ FY 2016)		STIP Cost (FY 2017-2020)		Balance to Complete (≥ FY 2021)		Total Project Cost	
Federal	\$ 706	Federal	\$ 10,059	Federal	\$ -	Federal	\$ 10,764
State/Local	\$ 176	State/Local	\$ 2,515	State/Local	\$ -	State/Local	\$ 2,691
<b>Total</b>	<b>\$ 882</b>	<b>Total</b>	<b>\$ 12,573</b>	<b>Total</b>	<b>\$ -</b>	<b>Total</b>	<b>\$ 13,455</b>