TPB R4-2020
July 24, 2019

NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD
777 North Capitol Street, N.E.
Washington, D.C. 20002

RESOLUTION ON AN AMENDMENT TO THE FY 2019-2024 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) THAT IS EXEMPT FROM THE AIR QUALITY CONFORMITY REQUIREMENT TO UPDATE PROJECT AND FUNDING INFORMATION FOR THE GOVERNOR HARRY W. NICE/SENATOR THOMAS "MAC" MIDDLETON BRIDGE REPLACEMENT PROJECT, AS REQUESTED BY THE MARYLAND DEPARTMENT OF TRANSPORTATION (MDOT)

WHEREAS, the National Capital Region Transportation Planning Board (TPB), which is the metropolitan planning organization (MPO) for the Washington Region, has the responsibility under the provisions of the Fixing America's Surface Transportation (FAST) Act for developing and carrying out a continuing, cooperative and comprehensive transportation planning process for the Metropolitan Area; and

WHEREAS, the TIP is required by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) as a basis and condition for all federal funding assistance to state, local and regional agencies for transportation improvements within the Washington planning area; and

WHEREAS, on October 17, 2018 the TPB adopted the FY 2019-2024 TIP; and

WHEREAS, in the attached letter of July 11, 2019, MDOT has requested an amendment to the FY 2019-2024 TIP to update the project description and funding information for the Governor Harry W. Nice/Senator Thomas "Mac" Middleton Bridge Replacement project (TIP ID 5527) to reprogram funds in FY 2019 through FY 2022 and to include an additional $186.1 million in state funding, as described in the attached materials; and

WHEREAS, this project is included in the Air Quality Conformity Analysis of the Visualize 2045 Plan and the FY 2019-2024 TIP; and

WHEREAS, full funding for this project is included in the Visualize 2045 Plan financial analysis; and

WHEREAS, by December 2019, MDOT will report to the TPB the results of their efforts to secure the barrier-separated bicycle/pedestrian path on the bridge; and

NOW, THEREFORE, BE IT RESOLVED THAT the National Capital Region Transportation Planning Board amends the FY 2019-2024 TIP to update project and funding information for the Governor Harry W. Nice/Senator Thomas "Mac" Middleton Bridge Replacement project (TIP ID 5527) to reprogram funds in FY 2019 through FY 2022 and to include an additional $186.1 million in state funding, as described in the attached materials.

Adopted by the Transportation Planning Board at its regular meeting on July 24, 2019

MARYLAND DEPARTMENT OF TRANSPORTATION

Larry Hogan
Governor

Boyd K. Rutherford
Lt. Governor

Pete K. Rahn
Secretary

July 26, 2019

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 amends the Fiscal Year (FY) 2019-2022 Maryland Statewide Transportation Improvement Program (STIP) to reflect changes to one existing project in the FY 2019-2024 National Capital Region Transportation Planning Board (TPB) Transportation Improvement Program (TIP).

This amendment reflects the Maryland Transportation Authority's (MDTA) updated programmed expenditures for the Governor Harry W. Nice/Senator Thomas "Mac" Middleton Bridge Replacement Project (TIP 5527). The TPB approved the amendment to its TIP on July 24, 2019, and MDOT has assigned Control #19-11 for this amendment to the STIP. The approvals and supporting documentation are attached.

Project Name	STIP #	TIP #	Funding Source	FY19-FY22 Net Federal Change (in 000's)
Governor Harry W. Nice/Senator Thomas "Mac" Middleton Bridge Replacement Project	5527	5527	State	$0

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

Should you have additional questions or concerns, please contact Ms. Kari Snyder at 410-865-1305, toll free 888-713-1414 or via e-mail at ksnyder3@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: Ms. Kari Snyder, Regional Planner, OPCP, MDOT

MARYLAND STATEWIDE TIP FY 2019-2022

MDOT STIP # 5527

SUMMARY TABLE

Project	Amendment Criteria	Conformity Status	Environmental Status	Current Funding Level (000s) Federal	State/Local	Total
Governor Harry W. Nice/Senator Thomas "Mac" Middleton Bridge Replacement Project (1024)	B	Visualize 2045 #2617 (Proj. ID MP18)	FONSI, 2012 ; NEPA Re-Eval, 2019	$ -	$ 88,650	**$ 88,650**
	Administration	**Area/MPO**	**CTP Page**	**Net Funding Change (000s) Federal**	**State/Local**	**Total**
	MDTA	TPB	MdTA - 33	$ -	$ 373,842	**$ 373,842**

Description: Construction of a new four-lane crossing of US 301 over the Potomac River to replace the existing 1.7-mile long bridge that opened to traffic in 1940. The project will also include minor roadway work on each side of the Potomac River, improvements to the tolling infrastructure, modifications to the campus facilities (administration and maintenance buildings) directly impacted by the bridge replacement, and demolition of the existing bridge once the new bridge is open to traffic.

Justification: The existing bridge does not meet current standards, i.e., narrow lanes, lack of shoulders, and steep grades with lack of truck climbing lanes. The existing bridge is reaching capacity during peak periods. The new four-lane bridge will be safer and relieve congestion.

INDIVIDUAL REQUEST FORM

STIP/TIP Amendment Criteria

- ☐ A) Adds new individual projects to the current STIP
- ☑ B) Increase/decrease, scope change, advance, delay, or phase change
- ☐ C) Removes or deletes individual listed project from the STIP
- ☐ D) Other

MARYLAND DEPARTMENT OF TRANSPORTATION

	Funding	FY 2019	FY 2020	FY 2021	FY 2022	Total
Current (000s)	**Total**	**$ 2,825**	**$ 85,825**	**$ -**	**$ -**	**$ 88,650**
	Federal	$ -	$ -	$ -	$ -	$ -
	State/Local	$ 2,825	$ 85,825	$ -	$ -	$ 88,650
Proposed (000s)	**Total**	**$ 7,489**	**$ 48,912**	**$ 191,899**	**$ 214,192**	**$ 462,492**
	Federal	$ -	$ -	$ -	$ -	$ -
	State/Local	$ 7,489	$ 48,912	$ 191,899	$ 214,192	$ 462,492
Change (000s)	**Total**	**$ 4,664**	**$ (36,913)**	**$ 191,899**	**$ 214,192**	**$ 373,842**
	Federal	$ -	$ -	$ -	$ -	$ -
	State/Local	$ 4,664	$ (36,913)	$ 191,899	$ 214,192	$ 373,842

PHASE DETAIL

Current

Phase	Funding	FY 2019 Federal	FY 2019 State/Local	FY 2020 Federal	FY 2020 State/Local	FY 2021 Federal	FY 2021 State/Local	FY 2022 Federal	FY 2022 State/Local	TOTAL Federal	TOTAL State/Local	TOTAL Total
PP		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PE		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
RW		$ -	$ 2,825	$ -	$ 2,025	$ -	$ -	$ -	$ -	$ -	$ 4,850	$ 4,850
CO		$ -	$ -	$ -	$ 83,800	$ -	$ -	$ -	$ -	$ -	$ 83,800	$ 83,800
Other		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total		**$ -**	**$ 2,825**	**$ -**	**$ 85,825**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 88,650**	**$ 88,650**

Proposed

Phase	Funding	FY 2019 Federal	FY 2019 State/Local	FY 2020 Federal	FY 2020 State/Local	FY 2021 Federal	FY 2021 State/Local	FY 2022 Federal	FY 2022 State/Local	TOTAL Federal	TOTAL State/Local	TOTAL Total
PP		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PE		$ -	$ 4,489	$ -	$ 1,923	$ -	$ -	$ -	$ -	$ -	$ 6,412	$ 6,412
RW		$ -	$ 3,000	$ -	$ 2,586	$ -	$ 2,080	$ -	$ 2,809	$ -	$ 10,475	$ 10,475
CO		$ -	$ -	$ -	$ 44,403	$ -	$ 189,819	$ -	$ 211,383	$ -	$ 445,605	$ 445,605
Other		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total		**$ -**	**$ 7,489**	**$ -**	**$ 48,912**	**$ -**	**$ 191,899**	**$ -**	**$ 214,192**	**$ -**	**$ 462,492**	**$ 462,492**

Change

Phase	Funding	FY 2019 Federal	FY 2019 State/Local	FY 2020 Federal	FY 2020 State/Local	FY 2021 Federal	FY 2021 State/Local	FY 2022 Federal	FY 2022 State/Local	TOTAL Federal	TOTAL State/Local	TOTAL Total
PP		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PE		$ -	$ 4,489	$ -	$ 1,923	$ -	$ -	$ -	$ -	$ -	$ 6,412	$ 6,412
RW		$ -	$ 175	$ -	$ 561	$ -	$ 2,080	$ -	$ 2,809	$ -	$ 5,625	$ 5,625
CO		$ -	$ -	$ -	$ (39,397)	$ -	$ 189,819	$ -	$ 211,383	$ -	$ 361,805	$ 361,805
Other		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total		**$ -**	**$ 4,664**	**$ -**	**$ (36,913)**	**$ -**	**$ 191,899**	**$ -**	**$ 214,192**	**$ -**	**$ 373,842**	**$ 373,842**

TOTAL PROJECT COST

Prior Cost (≤ FY 2018)		STIP Cost (FY 2019-2022)		Balance to Complete (≥ FY 2023)		**Total Project Cost**	
Federal	$ -	Federal	$ -	Federal	$ -	Federal	$ -
State/Local	$ 27,252	State/Local	$ 462,492	State/Local	$ 278,856	State/Local	$ 768,600
Total	**$ 27,252**	**Total**	**$ 462,492**	**Total**	**$ 278,856**	**Total**	**$ 768,600**

SUBURBAN MARYLAND
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in $1,000)

MDOT/Maryland Transportation Authority

TIP ID: **5527** Agency ID: Title: **Governor Harry W. Nice/Senator Thomas "Mac" Middleton Bridge Replacement Project** Complete: **2023** Total Cost: **$768,600**

	Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total
Facility: US Bridge over Potomac From: Charles County, MD To: King George County, VA	State	0/100/0	27,122 a 130 b	4,489 a 3,000 b	1,923 a 2,586 b 44,403 c	2,080 b 189,819 c	2,809 b 211,383 c	207,916 c	70,940 c	741,348
									Total Funds:	***741,348***

Description: Construct a new four-lane bridge north of the existing bridge, with accommodations for bicycles. Included in the project is preventative maintenance of the existing bridge until the construction phase is programmed.

Amendment: Update Funding **Approved on:** 5/15/2019

Update funding in FY 2019 through FY 2024 to be consistent with approved MDOT CTP,. Six-year program total increases by $186.118 million, as follows: FY 2019 - increase PE by $4.489 million and ROW by $175,000; FY 2020 - increase PE by $1.923 million and ROW by $561,000, decrease construction by $39.397 million; FY 2021 - increase ROW by $1 million and decrease construction by $7.081 million; FY 2022 - increase ROW by $2.809 million and decrease construction by $57.217 million; FY 2023 - add $207.916 million for construction; FY 2024 - add $70.94 million for construction.

MARYLAND DEPARTMENT OF TRANSPORTATION

Larry Hogan
Governor

Boyd K. Rutherford
Lt. Governor

Pete K. Rahn
Secretary

July 11, 2019

The Honorable Martin Nohe
Chairman
National Capital Region Transportation Planning Board
Metropolitan Washington Council of Governments
777 North Capitol Street, N.E., Suite 300
Washington DC 20002

Dear Chairman Nohe:

The Maryland Department of Transportation (MDOT) requests the following amendment to the suburban Maryland portion of the National Capital Region Transportation Planning Board's (TPB) Fiscal Year (FY) 2019-2024 Transportation Improvement Program (TIP) for one existing project as described below and in the attached memo.

The "Governor Harry W. Nice Bridge Improvement Project" has been renamed to the "Governor Harry W. Nice/Senator Thomas "Mac" Middleton Bridge Replacement Project." The total project cost of $768,600,000 has not changed in either the TIP or in MDOT's FY 2019-2024 Consolidated Transportation Program (CTP). Funds are simply being added to reflect revised annual funding amounts that are consistent with the current approved CTP. We are now requesting to add the remaining funding of $186,118,000 in FY 2023 and FY 2024. As this project is already included in the currently approved regional Air Quality Conformity for Visualize 2045, this action does not change the air quality impact on conformity.

TIP ID#	Project	Phase	Amount of New Funding	Comment
5527	Governor Harry W. Nice/Senator Thomas "Mac" Middleton Bridge Replacement Project."	CO	$ 186,118,000	Add funding for construction.

The project description is also being updated to reflect the bid-alternate approach to the project solicitation. It will now read, "Construct a new four-lane bridge north of the existing bridge, with accommodations for bicycles. Included in the project is preventative maintenance of the existing bridge until the construction phase is programmed." This change does not preclude a barrier-separated shared-use path being included in the final design of the new bridge.

MDOT requests that this amendment of the project name, description, and funding be approved by the Transportation Planning Board (TPB) at its July 24, 2019 meeting.

The revised funding status will not impact scheduling or funding availability for other projects in the current TIP, which continues to be fiscally constrained. The additional funds are available through a combination of MDTA cash and debt and utilizing refunding opportunities for existing debt. MDTA will be taking advantage of significant cost savings through a design-build approach to procurement, a practical design, over attainment of toll revenues, and current low interest rates.

We appreciate your cooperation in this matter. Should you have additional questions or concerns, please contact Ms. Kari Snyder, MDOT Office of Planning and Capital Programming (OPCP) Regional Planner at 410-865-1305, toll free 888-713-1414 or via e-mail at ksnyder3@mdot.state.md.us. Ms. Snyder will be happy to assist you. Of course, please feel free to contact me directly.

Sincerely,

Tyson Byrne
Regional Planning Manager
Office of Planning and Capital Programming

Attachment

cc: Ms. Kari Snyder, Regional Planner, OPCP, MDOT

Maryland Transportation Authority

Larry Hogan, Governor
Boyd K. Rutherford, Lt. Governor
Pete K. Rahn, Chairman

Board Members:
Katherine Bays Armstrong
Peter J. Basso
Dontae Carroll
William H. Cox, Jr.
William C. Ensor, III
W. Lee Gaines, Jr.
Mario J. Gangemi, P.E.
John von Paris

John O'Neill, Acting Executive Director

MEMORANDUM

TO: DIRECTOR HEATHER MURPHY
FROM: ACTING CHIEF ENGINEER WILLIAM PINES
SUBJECT: REQUEST TO AMEND THE FY 2019-2024 NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD (TPB) TRANSPORTATION IMPROVEMENT PROGRAM (TIP)
DATE: MAY 2, 2019

PURPOSE OF MEMORANDUM

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

SUMMARY

The Maryland Department of Transportation's Maryland Transportation Authority (MDTA) hereby requests amendment of the FY 2019-2024 TPB TIP to reflect the following actions.

ANALYSIS

The current approved MDOT FY 2019-2024 Consolidated Transportation Program (CTP) includes a total cost of $768,600,000 in state funding to fully fund the Governor Harry W. Nice/Middleton Bridge Improvement Project through FY 2024. The last TIP amendment that was provided for the project was for the FY 2017-2022 TIP, which only included a total of $559,816,000 in funds at that time based on the projected spending on the project through FY 2022. The amendment did not include funding in FY 2023 and FY 2024 since that was outside the current six-year program window at that time. We are now requesting to add the remaining funding of $208,784,000 in FY 2023 and FY 2024 to the FY 2019-2024 TIP and revise the annual funding amounts in FY 2019 to FY 2024 to be consistent with the current approved MDOT FY 2019-2024 CTP.

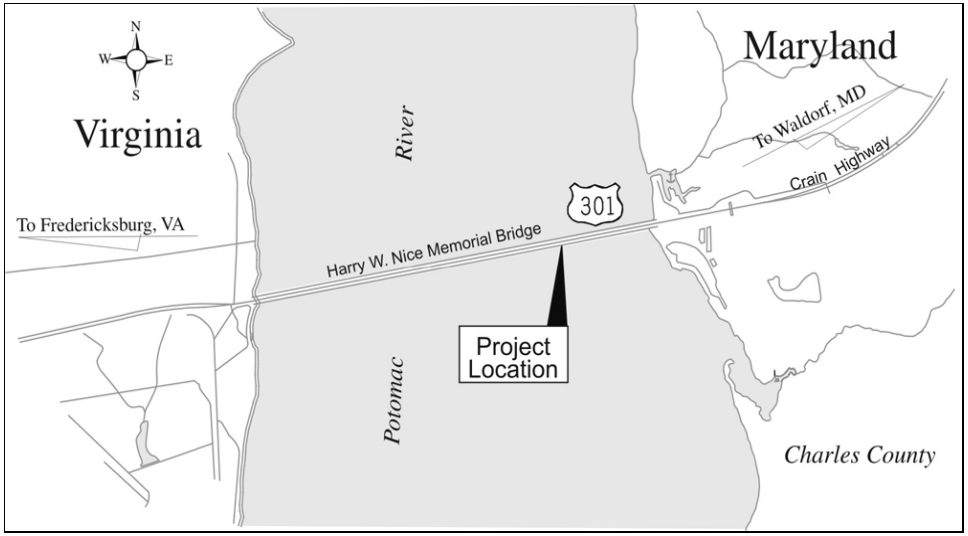
Please amend the FY 2019-2024 TPB TIP and the FY 2019-2022 Maryland STIP to reflect the information provided in this memorandum. The MDTA requests this amendment in order that the FY 2019-2024 TPB TIP reflect MDTA's addition of construction funds for the project.

The MDTA is an independent State agency that acts on behalf of but is separate from the Maryland Department of Transportation. By law, the MDTA is a group of eight citizens who are appointed by the Governor (and confirmed by the Senate) and the Secretary of Transportation, who serves as Chairman. The MDTA is a non-budgeted agency that relies solely on revenues generated from Maryland's eight toll facilities. Toll revenues are pooled to cover financing, construction, operating, maintenance, and law-

enforcement costs, thus providing the strongest possible security for financing transportation improvement projects.

If you have any questions regarding this amendment request, please contact William Pines, MDTA Acting Chief Engineer, at 410-465-8045, or via email to wpines@mdta.state.md.us.

cc: Ms. Melissa Williams, Director, MDTA
Mr. William Pines, Acting Chief Engineer, MDTA
Ms. Kari Snyder, Regional Planner, MDOT
Mr. Tyson Byrne, Manager, MDOT



PROJECT: US 301 Harry W. Nice Memorial Bridge - Replace Nice Bridge

DESCRIPTION: Replace the current bridge with a new 4-lane bridge.

PURPOSE & NEED SUMMARY STATEMENT: The existing bridge does not meet current standards, i.e., narrow lanes, lack of shoulders, and steep grades with lack of truck climbing lanes. The existing bridge is reaching capacity during peak periods. Traffic is projected to increase by 45 percent on weekdays and 33 percent on weekends by 2025.

STATE GOALS : **Maryland Transportation Plan (MTP) Goals/Selection Criteria:**

- [X] Safety & Security
- [ ] System Preservation
- [X] Quality of Service
- [ ] Environmental Stewardship
- [X] Community Vitality
- [ ] Economic Prosperity

ASSOCIATED IMPROVEMENTS: None.

EXPLANATION: The new 4-lane bridge will be safer and relieve congestion.

STATUS: Planning is complete. Engineering and right-of-way acquisition are underway. Construction is scheduled to begin in FY 2020.

SIGNIFICANT CHANGE FROM FY 2018 - 23 CTP: None.

POTENTIAL FUNDING SOURCE: [ ] SPECIAL [ ] FEDERAL [ ] GENERAL [X] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2018	CURRENT YEAR 2019	BUDGET YEAR 2020	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2021....	....2022....	....2023....	....2024....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	5,295	5,295	0	0	0	0	0	0	0	0
Engineering	28,239	21,827	4,489	1,923	0	0	0	0	6,412	0
Right-of-way	10,605	130	3,000	2,586	2,080	2,809	0	0	10,475	0
Construction	724,461	0	0	44,403	189,819	211,383	207,916	70,940	724,461	0
Total	768,600	27,252	7,489	48,912	191,899	214,192	207,916	70,940	741,348	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

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