

TPB SR12-2022
February 4, 2022

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

**RESOLUTION ON AN AMENDMENT TO THE FY 2021-2024 TRANSPORTATION
IMPROVEMENT PROGRAM (TIP) THAT IS EXEMPT FROM THE AIR QUALITY
CONFORMITY REQUIREMENT TO INCLUDE TIP ACTION 21-45 TO ADD THE POPLAR
HILL ROAD BRIDGE OVER ZEKIAH SWAMP RUN REPLACEMENT PROJECT,
AS REQUESTED BY THE MARYLAND DEPARTMENT OF TRANSPORTATION (MDOT)
ON BEHALF OF CHARLES COUNTY**

WHEREAS, the National Capital Region Transportation Planning Board (TPB), as the federally designated metropolitan planning organization (MPO) for the Washington region, has the responsibility under the provisions of the Fixing America's Surface Transportation (FAST) Act, reauthorized November 15, 2021 when the Infrastructure Investment and Jobs Act (IIJA) was signed into law, 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 March 18, 2020 the TPB adopted the FY 2021-2024 TIP; and

WHEREAS, MDOT has requested an amendment to the FY 2021-2024 TIP, on behalf of Charles County, to include TIP Action 21-45 which adds \$3.1 million in Surface Transportation Block Grant (STBG) program and local funds for construction of the Poplar Hill Road Bridge over Zekiah Swamp Run Replacement project (ID T6582) as described in the attached materials; and

WHEREAS, the attached materials include: Attachment A) TIP Project Overview report showing how the project will appear in the TIP after the action is approved and Attachment B) letters from MDOT and Charles County Department of Planning and Growth Management, dated January 25, 2022 requesting the amendment; and

WHEREAS, this project has been entered in the TPB's Project InfoTrak database application under TIP Action 21-45, creating the 45th version of the FY 2021-2024 TIP, which supersedes all previous versions of the TIP and can be viewed online at www.mwcog.org/ProjectInfoTrak; and

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

WHEREAS, this project is exempt from the air quality conformity requirement, as defined in Environmental Protection Agency's (EPA) Transportation Conformity Regulations as of April 2012; and

WHEREAS, this resolution and amendment to the FY 2021-2024 TIP shall not be considered final until the Transportation Planning Board has had the opportunity to review and accept these materials at its next full meeting.

NOW, THEREFORE, BE IT RESOLVED THAT the Steering Committee of the National Capital Region Transportation Planning Board amends the FY 2021-2024 TIP to include TIP Action 21-45 which adds \$3.1 million in STBG program and local funds for construction of the Poplar Hill Road Bridge over Zekiah Swamp Run Replacement project (ID T6582), as described in the attached materials.



National Capital Region
Transportation Planning Board

Summary Report for TIP Action: 21-45: Formal Amendment
 to the FY 2021-2024 Transportation Improvement Program
 Requested by Charles County
 for Consideration by the TPB Steering Committee
 on February 4, 2022

<i>TIP ID</i>	T6582	<i>Lead Agency</i>	Charles County	<i>Project Type</i>	Bridge - Replace
<i>Project Name</i>	Poplar Hill Road Bridge over Zekiah Swamp Run	<i>County</i>	Charles	<i>Total Cost</i>	\$3,813,097
<i>Project Limits</i>	Bridge 200000CH0040010	<i>Municipality</i>		<i>Completion Date</i>	2022
		<i>Agency Project ID</i>			

Description Replace the superstructure (bridge abutments, wing walls, steel girders & concrete deck)

Phase	Source	Prior	FY2021	FY2022	FY2023	FY2024	Future	Total
PE	LOCAL	\$150,000	-	-	-	-	-	\$150,000
PE	STBG	\$600,000	-	-	-	-	-	\$600,000
<i>Total PE</i>		\$750,000	-	-	-	-	-	\$750,000
CON	LOCAL	-	-	\$612,619	-	-	-	\$612,619
CON	STBG	-	-	\$2,450,478	-	-	-	\$2,450,478
<i>Total CON</i>		-	-	\$3,063,097	-	-	-	\$3,063,097
<i>Total Programmed</i>		\$750,000	-	\$3,063,097	-	-	-	\$3,813,097



Version History

<i>TIP Document</i>	<i>MPO Approval</i>	<i>FHWA Approval</i>	<i>FTA Approval</i>	<i>Current Change Reason</i>
20-01 Amendment 2020-2023	<i>Pending</i>	<i>Pending</i>	<i>Pending</i>	SCHEDULE / FUNDING / SCOPE - Programming Update, Schedule Change(s)
21-45 Amendment 2021-2024	<i>Pending</i>	<i>Pending</i>	N/A	
<i>Funding Change(s):</i>				Total project cost increased from \$750,000 to \$3,813,097

January 26, 2022

The Honorable Pamela Sebesky
Chairman
National Capital Region Transportation Planning Board
Metropolitan Washington Council of Governments
777 North Capitol Street, NE, Suite 300
Washington DC 20002

Dear Chairman Sebesky:

The Maryland Department of Transportation (MDOT) requests the following amendment to the Maryland portion of the National Capital Region Transportation Planning Board's (TPB) Fiscal Year (FY) 2021-2024 Transportation Improvement Program (TIP) for one existing project on behalf of the Charles County Department of Planning & Growth Management as described below and in the attached memo.

This action reflects Charles County's updated capital improvement program from FY 2021 to FY 2024, and as this project do not add capacity, this amendment does not affect the Air Quality Conformity Determination for Visualize 2045.

TIP ID	Project	Amount of New Funding (In 000s)	Comment
6582	Poplar Hill Road Bridge over Zekiah Swamp Run	\$3,063	Add new construction funds for this bridge replacement project.

MDOT requests that this amendment be approved by the TPB Steering Committee at its February 4, 2022 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 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.

The Honorable Pamela Sebesky
Page Two

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@modt.maryland.gov. Ms. Snyder will be happy to assist you. Of course, please feel free to contact me directly.

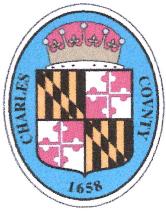
Sincerely,

A handwritten signature in black ink, appearing to read "Tyson Byrne". The signature is fluid and cursive, with the first name "Tyson" and last name "Byrne" clearly distinguishable.

Tyson Byrne
Regional Planning Manager
Office of Planning and Capital Programming

Attachment

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



CHARLES COUNTY GOVERNMENT
Department of Planning & Growth Management

Deborah A. Carpenter, AICP
Director

Phone | 301-645-0692
Email | PGMAdmin@CharlesCountyMD.gov

January 25, 2022

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

Dear Chairman Sebesky:

The Charles County Department of Planning & Growth Management requests an amendment to the National Capital Regional Transportation Planning Board's FY2021-2024 Transportation Improvement Program (TIP), as identified in the attachment for the Poplar Hill Road Bridge Replacement Project. The project is not currently listed in the Constrained Long Range Plan (CLRP) as it is a minor project which does not enhance capacity and therefore, does not need air quality conformity analysis. The purpose of this amendment is to include this minor project in the TIP so that it will be eligible for federal funding. The bridge replacement project is funded from the Federal Bridge Program at an 80/20 split with the remaining (20%) funding to come from the local government (Charles County).

This amendment is being sought for funding in FY2022 for construction for the bridge replacement project, which has been found to be structurally deficient, and in need of replacement. While this bridge is owned, operated, and maintained by Charles County, we are seeking federal funds to assist us in the replacement project.

Charles County requests that this amendment be approved by the Transportation Planning Board Steering Committee at its February 4, 2022 meeting. We appreciate your consideration of our request and we look forward to a favorable outcome. If you should have any questions, please do not hesitate to contact Mr. Jason Groth, Deputy Director of Planning & Growth Management by calling (301) 396-5814 or by email to grothj@charlescountymd.gov.

Sincerely,

Deborah A. Carpenter, AICP
Director

Cc: Mark Belton, County Administrator
Bernard (Wilson) Cochran, Acting Director of Public Works
John Stevens, Chief of Capital Services
Stephen Staples, Chief of Roads
Jason Groth, Deputy Director of Planning & Growth Management

- Preliminary

5 - Congressional District

- Final 25C

CHARLES COUNTY LOCAL GOVERNMENT BRIDGE REPLACEMENT/REHABILITATION

A. FEDERAL AID PROGRAMING DOCUMENT

Federal Contract No AC-STBG-1200 (6)E
State Contract No CH378ZM2

Local/Termini: Br. No. CH-0040001 on Poplar Hill Rd. over Zekiah Swamp Run Waldorf, Md. 2.5 miles E of MD5

ADT

Present/Yr.: 4422/ 2017
Future/Yr. : 6890/ 2032

Local Contract No. IFB 22-30
Item No. 63790

Project Length: 0.19 Miles
State Road Inventory Milepoints: N/A

Federal-aid System: OFF NHS
Probable Ad Date: April 2022

Local/State Supplemental Agreement Required: Yes No

B. WORK PHASE

	Total Cost	Federal Funds	State/Local
PE			
ROW			
Constr. (Neat & 10%)	<u>3,063,097</u>	<u>2,450,478</u>	<u>612,619</u>
Project Total:	<u>3,063,097</u>	<u>2,450,478</u>	<u>612,619</u>

C. PUBLIC HEARINGS

Required Location Hearing (Date: _____)
 Not Required Design Hearing (Date: _____)
 To be determined Combined Hearing (Date: _____)

D. PREVIOUS FEDERAL-AID PROJECTS

PE _____ ROW _____

G. PROJECT DESCRIPTION

1. Existing Conditions: The existing structure is a two-span timber bridge with overall structure length of 44'-6" and clear roadway width of 33'-0" between timber curbs. The super structure has two 22'-0" spans consisting of timber beams, with a timber deck and a 2" thick asphalt wearing surface. The bridge carries two-lane roadway. The bridge is supported on two pile bent abutments with timber lagging wing walls and a single timber pile bent pier. The existing structure has weight restrictions.

2. Proposed Project: The proposed bridge is a single span prestressed concrete slab bridge that will be 63'-0" long and 34'-0" wide out to out. The bridge will have clear roadway width of 29'-8", which consists of two 12'-0" lanes and 2'-10" shoulders. The project is listed on the county's approved Structural Management Plan.

3. Additional right-of-way No Proposed width: 0 Feet Relocation(s) required? No No. of businesses/residents: 0

H. BRIDGE ELEMENTS

Bridge Replacement Bridge No. 200000CH0040010 Code: 243 404 Permit (Navigation Required
 Bridge Rehabilitation Sufficiency Rating 21.5 Bridge Length: 63' Clearance) Not Required

I. CONSTRUCTION DATA

1. Construction within 4 miles of airport? No

2. Contract Award: Bid Force Account Other, explain _____
 If force account, work by: _____

3. Utility relocation/adjustment required? Yes Name of Utility SMECO/Verizon pole relocation Estimated Cost TBD
 Railroad relocation/adjustment required? No Name of Railroad N/A Estimated Cost N/A

PREPARED BY: Art Swann DATE: 8/6/2021 TELEPHONE: 301-885-1314 COUNTY/FIRM: Charles County

MDOT SHA Recommendation for Approval: _____ MDOT SHA Approval of Federal Funds: _____ MDOT SHA/FHWA Approval of Federal Funds: _____

Paul J. Horvath 12/15/2021
Acting Director, Office of Structures Date

Manizis Agostino 12/17/2021
Acting Deputy Administrator / Chief Engineer of Date
Planning, Engineering, Real Estate and Environment

SHADED AREA TO BE FILLED OUT BY SHA

E. ENVIRONMENTAL

Catagorical Exclusion No. (Date: _____)
 Envir. Assessment/FONSI (Date: _____)
 Envir. Impact Statement (Date: _____)
 4(F) Statement (Date: _____)

F. PLANNING

Clearing House Control No. _____ Exempt
 Urban Area N/A _____ Exempt
 TIP No. _____ STIP No. _____

Rural Road

Urban Road

I. DESIGN DATA:

DESIGN ELEMENT	* EXISTING ELEMENT	* PROPOSED DESIGN CRITERIA	** MEETS SHA/ASSHTO DESIGN STANDARD
Design Speed	50 mph.	50 mph.	Yes
Posted Speed Limits	40 mph.	40 mph.	Yes
Number of Lanes	2	2	Yes
Through-Lane Width	10-11 ft.	10-12 ft.	No
Aux.-Lane Width	12 ft.	12 ft.	Yes
Shoulder Width	Right	2.5 ft.	No
	Left	2.5 ft.	No
Cross Slope	0.02 ft./ft.	0.02 ft./ft.	Yes
Horizontal Alignment:			
Curvature *	Yes	Yes	Yes
Superelevation *	No	No	No
Sight Distance *	Yes	Yes	Yes
Vertical Alignment:			
Grades *	Yes	Yes	Yes
Sight Distance *	Yes	Yes	Yes
Bridge Clear Width	30 ft.	30 ft.	Yes
Bridge Railings *	Yes	Yes	Yes
Median Width	0 ft.	0 ft.	Yes
Clear Zone Width	8 ft.	8 ft.	Yes
Ditch Slopes (front/back)	N/A	N/A	Yes
Culvert End Treatments *	N/A	N/A	Yes
Guardrail *	Yes	Yes	Yes
Signing *	Yes	Yes	Yes
Pavement Markings *	Yes	Yes	Yes

* Indicate yes, no, or N/A whether "Existing Condition" meets applicable SHA Design Guide standard. Indicate yes, no, or N/A whether "Proposed Design" will improve existing condition.

** If criteria does not meet applicable standards, a design exception must be requested prior to P.S.&E. submittal.

J. CERTIFICATION

- This project meets all applicable AASHTO/SHA design criteria. Approval of the SHA Chief Engineer is not required.

- The construction of this project incorporating the above design feature is recommended for Federal funding. Justification for proposed design elements that do not meet applicable AASHTO/SHA design criteria, and three-year accident history/analysis are attached.

Note: Complete Sections 1 (Design Data) and J (Certification) using the information available. Missing or revised data should be provided as the project develops.