

ITEM 10 – Action

January 18, 2017

Approval to Amend the FY 2017-2022 Transportation Improvement Program (TIP) to Include Project and Funding Updates for Nine Projects in the Northern Virginia Section of the TIP, as Requested by the Virginia Department of Transportation (VDOT)

Staff

Recommendation: Approve Resolution R9-2017 to approve an amendment to the FY 2017-2022 TIP.

Issues: None

Background: VDOT has requested an amendment to include project and funding updates for nine projects in the Northern Virginia section of the TIP. These projects are already included in the Air Quality Conformity Analysis of the 2016 CLRP Amendment and the FY2017-2022 TIP or are exempt from the air quality conformity requirement. On January 6, 2017 the Steering Committee reviewed the amendment and recommends approval.

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

**RESOLUTION ON AN AMENDMENT TO
THE FY 2017-2022 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)
TO INCLUDE PROJECT AND FUNDING UPDATES FOR NINE
PROJECTS IN THE NORTHERN VIRGINIA SECTION, AS REQUESTED BY
THE VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT)**

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 November 16, 2016 the TPB adopted the FY 2017-2022 TIP; and

WHEREAS, the TIP is available online at www.mwcog.org/clrp/tip/ in both a searchable database and PDF formats and is updated as necessary to reflect amendments and administrative modifications; and

WHEREAS, in the attached letter of January 5, 2017, VDOT has requested that the FY 2017-2022 TIP be amended to add a net total of approximately \$438 million for the following nine projects described in the attached materials:

- TIP ID 5930: I-66/Route 15 Interchange Reconstruction - \$3.7 million
- TIP ID 6519: Rt 7 Corridor Improvements - \$108.4 million
- TIP ID 6539: HB2-Rt 7 Corridor Improvements Phase 2 - \$99.4 million
- TIP ID 6543: I-66/Route 15 Interchange Reconstruction GARVEE Debt Service - \$19.5 million
- TIP ID 6544: I-66 Inside the Beltway Initiatives – EB Widening - \$122 million
- TIP ID 6545: I-66 Inside the Beltway Initiatives GARVEE Debt Service - \$33.1 million
- TIP ID 6546: Route 7 Corridor Improvements HB2 FY 17 Phase 1 & 2 GARVEE Debt Service - \$26 million
- TIP ID 6547: Route 7 Corridor Improvements HB2 FY 17 Phase 2 GARVEE Debt Service - \$16.1 million
- TIP ID 6548: Construct Interchange at 15/17/29 Bus. HB 2 FY 17 GARVEE Debt Service - \$10.1 million, and

WHEREAS, the TPB Steering Committee reviewed this proposed amendment at its meeting on January 6, 2017 and has recommended it for approval by the full TPB at its January 18, 2017 meeting; and

WHEREAS, these projects are already included in the Air Quality Conformity Analysis of the 2016 CLRP Amendment and the FY 2017-2022 TIP or are exempt from the air quality conformity requirement, as defined in Environmental Protection Agency's (EPA) Transportation Conformity Regulations as of April 2012;

NOW, THEREFORE, BE IT RESOLVED THAT the National Capital Region Transportation Planning Board amends the FY 2017-2022 TIP to include new and updated funding information for these nine projects in the Virginia portion of the TIP, as described in the attached materials.



COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION

4975 Alliance Drive
Fairfax, VA 22030

CHARLES A. KILPATRICK, P.E.
COMMISSIONER

January 5, 2017

The Honorable Bridget Newton, Chair
National Capital Region Transportation Planning Board
Metropolitan Washington Council of Governments
777 North Capitol Street, N.E., Suite 300
Washington, DC 20002-4201

RE: National Capital Region FY 2017-2022 Transportation Improvement Program Amendments for GARVEE Bond Funded Projects

Dear Ms. Newton:

The Virginia Department of Transportation (VDOT) requests amendments to the FY 2017-2022 Transportation Improvement Program (TIP) to add funding for five transportation projects located in Arlington, Fairfax, Prince William and Fauquier Counties. The projects include:

- I-66/Route 15 Interchange Reconstruction
- HB-2 FY 17 RT 7 Corridor Improvements Phase 1
- HB2-RT 7 Corridor Improvements Phase 2
- I-66 Inside the Beltway Initiatives
- Construction of Interchange at 15/17/29 Bus. HB 2 FY17 GARVEE Debt Service

More detailed information is included on the attached Summary table and the individual TIP tables for each UPC. The amendments reflect updates to total cost, planned obligations, and planned conversion of Advance Construction funding in FFY17 and FFY18 for projects currently programmed with GARVEE Bond Proceeds. Additionally, there are corresponding amendments to add GARVEE Debt Service interest payments to the current TIP. The GARVEE Debt Service entries must be included in the current MPO TIP and Virginia's STIP to support those payments.

The amendments add a total of approximately \$13 million in Advance Construction Conversion, \$418 million in Advance Construction (AC), and \$8 million in National Highway Performance Program (NHPP) funding to the TIP. The funding amounts and sources are included in the Six Year Improvement Program adopted by the Commonwealth Transportation Board. The GARVEE bond proceeds funding the projects were included in the financial forecasts underpinning the CLRP

Financial Plan and TIP and will not affect the Fiscal Constraint status of the TIP. All of the projects are consistent with the most recently adopted CLRP and Air Quality Conformity Analysis.

VDOT requests that these amendments be placed on the agenda of the Transportation Planning Board's Steering Committee at its meeting on January 6, 2017, with final action to be taken by the Board at its January 18th 2017 meeting. VDOT's representative will attend both meetings and will be available to answer any questions about the amendments.

Thank you for your consideration of this request.

Sincerely,



Helen Cuervo, P.E.
District Administrator
Northern Virginia District

cc:

Ms. Larriee Henley, VDOT
Ms. Wendy Thomas, VDOT
Ms. Rene'e Hamilton, VDOT-NoVA
Ms. Maria Sinner, P.E., VDOT-NoVA
Mr. Norman Whitaker, AICP, VDOT-NoVA

Summary: VDOT NoVA GARVEE Bond TIP Actions, January 2017

TIP ID	VDOT UPC	New TIP Funds \$(000)s	Description
5930	100566	\$3,660	I-66/Route 15 Interchange Reconstruction
6543	110376	\$19,506	I-66 /Route 15 Interchange Reconstruction GARVEE Debt Service
6519	99478	\$108,371	HB-2 FY 17 RT 7 Corridor Improvements Phase 1
6546	110377	\$26,026	HB2 FY 17 RT 7 Corridor Improvements Phase 1 GARVEE Debt Service
6539	106917	\$99,417	HB2-RT 7 Corridor Improvements Phase 2
6547	110378	\$16,068	HB2 FY 17 RT 7 Corridor Improvements Phase 2 GARVEE Debt Service
6544	108424	\$122,034	I-66 Inside the Beltway Initiatives
6545	110392	\$33,140	I-66 Inside the Beltway Initiatives GARVEE Debt Service
6548	110375	\$10,059	Construct Interchange at 15/17/29 Bus. HB 2 FY17 GARVEE Debt Service

Notes:

1. VDOT UPCs above are paired, with one UPC for project implementation and one UPC for GARVEE debt service.
2. For UPC 110375, corresponding GARVEE Principal UPC 77384 is included in CN Safety/ITS/Operational Improvements Project Grouping

revised 1/5/2016

**NORTHERN VIRGINIA
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

FY 2017 - 2022

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total	
Reconstruction of I-66/ Rte. 15 Interchange											
TIP ID: 5930	Agency ID: 100566	Title: I-66 / Route 15 IINTERCHANGE RECONSTRUCTION					Project Cost: \$59,058 Complete:				
Facility: i-66	AC	100/0/0		-59 b	2,488 c					2,488	
From: Rte. I-66/Rte 15 Interchange				-21,693 c							
To:	AC 1	100/0/0	5,000 b								
			45,383 c								
	AC Conversion	100/0/0	5,000 b	1,172 c						1,172	
			57,148 c								
	IM	90/10/0	3,400 a								
Total Funds:										3,660	

Description: FROM: 0.224 Miles West of Rte. 15 TO: 0.371 Miles East of Rte. 15 (0.8380)

Amendment: Add Funding **Requested on: 1/18/2017**
 This amendment returns a previous TIP project into the FY 2017-2022 TIP. The action advances \$59,200 (AC-NHPP) RW phase and \$21,693,189 (AC-NHPP) Const. phase from FY 2012 to FY 2017 and releases it. The amendment adds \$1.172 million in ACC-NHPP funding for Const. to FY17, and adds \$2.488 ACC-NHPP funding for Const. in FY18. Includes \$1,171,585 GARVEE principal for FFY17, \$2,487,606 GARVEE principal for FFY18. \$44,022,560 total GARVEE principal on the project.

Route 7 (Leesburg Pike) Widening (VA 267 to Reston Ave.)											
TIP ID: 6519	Agency ID: 99478	Title: #HB2.FY17 RTE 7 CORRIDOR IMPROVEMENTS - PHASE 1					Project Cost: \$135,872 Complete: 2022				
Facility: RT 7 Leesburg Pike	AC	0/100/0	2,400 a	27,000 b						133,472	
From: Reston Ave				106,472 c							
To: Jarrett Valley Drive	NHPP	100/0/0		670 a	1,229 a					1,899	
Total Funds:										135,371	

Description: Rt 7 Corridor Improvements to add one travel lane both EB and WB; upgrade intersections; and construct pedestrian and bicycle facilities EB and WB.

FROM: Reston Avenue TO: Jarrett Valley Drive (0.5000 MI)

Amendment: Add Funding **Requested on: 1/18/2017**
 Convert \$9.331 million RSTP funding in FY 2017 to AC, and change the phase of \$17.668 million in FY 2017 from Const. to ROW. Add \$106.472 million AC funding for Const. and \$670,000 in NHPP funding for PE in FY 2017. Add \$1.229 million in NHPP funding for PE in FY 2018. Corresponding debt service UPC 110377. Linked with child UPC 106917, corresponding debt service UPC 110378.

**NORTHERN VIRGINIA
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

FY 2017 - 2022

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
VA 7, Widen, Upgrade										
TIP ID: 6539		Agency ID: 106917		Title: #HB2.FY17 RTE 7 CORRIDOR IMPROVEMENTS - PHASE 2				Project Cost: \$98,000		Complete: 2024
Facility: VA 7 Leesburg Pike	AC	85/15/0		62,000	c					62,000
From: Reston Avenue	AC 1	100/0/0		296	a					35,296
To: 500 ft. E of Colvin Forest Drive				35,000	b					
	AC 2	0/100/0		957	a					957
	NHPP	100/0/0		704	a	1,417	b			2,121
	RSTP	80/20/0		43	a					43
Total Funds:										100,417

Description: Phase 2 for Rt 7 Corridor Improvements to add one travel lane both EB and WB; upgrade intersections; and construct pedestrian and bicycle facilities EB and WB

Reconstruction w/ Added Capacity - FROM: Reston Avenue TO: 500 ft. E of Colvin Forest Drive (3.2500 MI)

TIP AMD - add \$34,658 (RSTP) & \$956,677 (AC-Other GARVEE) FFY17 PE phase. (lco 9/27/16)

child project of UPC 99478

FROM: Reston Avenue TO: 500 ft. E of Colvin Forest Drive (3.2500 MI)

Amendment: Add Funding **Requested on: 1/18/2017**
 Add \$296,000 in AC for PE, \$35 million in AC for ROW, and \$62 million in AC for Const. in FY 2017. Add \$704,000 in NHPP for PE in FY 2017 and \$1.417 million in NHPP for ROW in FY 2018. Corresponding debt service UPC 110378. Linked with parent UPC 99478.

Reconstruction of I-66/ Rte. 15 Interchange										
TIP ID: 6543		Agency ID: 100376		Title: I-66 / Route 15 IINTERCHANGE RECONSTRUCTION GARVEE DEB				Project Cost: \$17,543		Complete:
Facility: I 66	AC	100/0/0		16,322	a	1,963	a			18,285
From: Rte. I-66/Rte 15 Interchange	NHPP	100/0/0		1,221	a					1,221
To:										
Total Funds:										19,506

Description:

Amendment: Add New Project **Requested on: 1/18/2017**
 Amend project into the FY 2017-2022 TIP with \$16.322 million in AC funding for PE in FY 2017, \$1.221 million in NHPP funding for PE in FY 2017, and \$1.963 million in AC funding for PE in FY 2018. Total GARVEE interest \$17,543,454. Corresponding CN UPC 100566.

**NORTHERN VIRGINIA
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

FY 2017 - 2022

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total	
I-66 Multimodal Improvement Project, inside the Beltway											
TIP ID: 6544	Agency ID: 108424	Title: I-66 Inside of the Beltway Initiatives				Project Cost: \$125,000					Complete:
Facility: I 66	AC	100/0/0	12,000 a	-5,031 a						117,000	
From: I 495				9,000 b							
To: US 29 Near Rosslyn, Arlington				108,000 c							
	AC Conversion	100/0/0		1,031 a	4,003 a					5,034	
Total Funds:										122,034	

Description: From: Exit 67 DULLES AIRPORT ACCESS ROAD TO: 71 N. GEORGE MASON DRIVE (4.0000MI)

Amendment: Add New Project **Requested on: 1/18/2017**
 Amend project into the FY 2017-2022 TIP with \$9 million in AC for ROW and \$108 million in AC for Const to FY 2017, and \$1.031 million in ACC to FY 2017 and \$4.003 million in ACC to FY 2018 for PE. Total GARVEE principal for project \$82,783,254. Corresponding Debt Service UPC 110392

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total	
I-66 Multimodal Improvement Project, inside the Beltway											
TIP ID: 6545	Agency ID: 110392	Title: I-66 Inside of the Beltway Initiatives GARVEE DEBT SERVICES				Project Cost: \$30,418					Complete:
Facility: I 66	AC	100/0/0		29,343 a						29,343	
From: I 495											
To: U 29 Near Rosslyn, Arlington	AC Conversion	100/0/0			2,722 a					2,722	
	NHPP	100/0/0		1,075 a						1,075	
Total Funds:										33,140	

Description:

Amendment: Add New Project **Requested on: 1/18/2017**
 Amend project into the FY 2017-2022 TIP with \$29.343 million in AC funding for PE in FY 2017, \$1.075 million in NHPP funding for PE in FY 2017, and \$2.722 million in ACC funding for PE in FY 2018. Total GARVEE interest on project \$30,418,118. Corresponding CN UPC 108424

**NORTHERN VIRGINIA
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

FY 2017 - 2022

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
Route 7 (Leesburg Pike) Widening (VA 267 to Reston Ave.)										
TIP ID: 6546 Agency ID: 110377 Title: #HB2.FY17 RTE 7 CORRIDOR IMPROVEMENTS - PH 1&2 GARVE Project Cost: \$250,009 Complete: 2022										
Facility: VA 7	AC	100/0/0		24,311 a						24,311
From: Reston Avenue	AC Conversion	100/0/0			1,017 a					1,017
To: Jarrett Valley Drive	NHPP	100/0/0		698 a						698
Total Funds:										26,026

Description:

Amendment: Add New Project **Requested on: 1/18/2017**
 Amend project into the FY 2017-2022 TIP with \$24.311 million in AC funding for PE in FY 2017, \$698,000 in NHPP funding for PE in FY 2017, and \$1.017 million in ACC funding for PE in FY 2018. Total GARVEE interest for project \$25,009,200. Corresponding CN UPC 99478.

Route 7 (Leesburg Pike) Widening (VA 267 to Reston Ave.)										
TIP ID: 6547 Agency ID: 110378 Title: HB2.FY17 RTE 7 CORRIDOR IMPROVEMENTS - PHASE 2 GARVE Project Cost: \$14,931 Complete: 2022										
Facility: VA 7	AC	100/0/0		14,197 a						14,197
From: Reston Avenue	AC Conversion	100/0/0			1,137 a					1,137
To: Jarrett Valley Drive	NHPP	100/0/0		734 a						734
Total Funds:										16,068

Description:

Amendment: Add New Project **Requested on: 1/18/2017**
 Amend project into the FY 2017-2022 TIP with \$14.197 million in AC funding for PE in FY 2017, \$734,000 in NHPP funding for PE in FY 2017, and \$1.137 million in ACC funding for PE in FY 2018. Total GARVEE interest for project \$14,930,920. Corresponding CN UPC 106917 (child project of 99478).

TIP Grouping project for Construction: Safety/ITS/Operational Improvements										
TIP ID: 6548 Agency ID: 110375 Title: #HB2.FY17 Const Inter AT RTE 15/17/29 BUS GARVEE DEBT SER Project Cost: \$9,037 Complete:										
Facility: US 15 INTERCHANGE	AC	100/0/0		8,609 a						8,609
From: US 29	AC Conversion	100/0/0		428 a	1,022 a					1,450
To: VA 17										
Total Funds:										10,059

Description:

Amendment: Add New Project **Requested on: 1/18/2017**
 Amend project into the FY 2017-2022 TIP with \$8.609 million in AC funding for PE in FY 2017, \$428,000 in ACC funding for PE in FY 2017, and \$1.022 million in ACC funding for PE in FY 2018. Total GARVEE interest \$9,037,125. Corresponding CN UPC 77384 which is included NoVA CN: Safety/ITS/Operational Improvements grouping.