

NORTHERN VIRGINIA TRANSPORTATION AUTHORITY
MEMORANDUM

FOR: Chair Phyllis J. Randall and Members
Northern Virginia Transportation Authority

FROM: Monica Backmon, Chief Executive Officer

DATE: April 6, 2023

SUBJECT: Chief Executive Officer's Report

1. Purpose: To inform the Northern Virginia Transportation Authority (NVTA) of items of interest not addressed in the agenda.

A. Preliminary Deployment Plan for a Regional Bus Rapid Transit System in Northern Virginia

Following the approval of budget by the Authority on March 9, 2023, for a Preliminary Deployment Plan for a Regional Bus Rapid Transit System (PDP-BRT), NVTA staff held a non-mandatory pre-Request for Proposal (RFP) Open House/Consultant Briefing on March 30, 2023, at the NVTA offices. 17 people representing 14 firms attended. The Open House gave attendees an opportunity to discuss with NVTA staff the context of the PDP-BRT and its connection to NVTA's TransAction and Six Year Program. Subsequently, NVTA staff provided a brief overview of the RFP including the context, purpose, coordination required, leveraging current and recent work, and key elements of the scope of work. Questions and clarification requests raised by the attendees were answered by NVTA staff. The presentation and the recording of the meeting is available on the NVTA website via the [Business Opportunities](#) page. Subsequently, the RFP was also posted on the NVTA's Business Opportunities page, [eVA](#) (Commonwealth's Procurement Bulletin Board) and distributed to firms registering interest on April 6, 2023, with a response deadline of May 11, 2023.

B. Transportation Technology Strategic Plan (TTSP)

The Transportation Technology Strategic Plan (TTSP) includes nine roles that NVTA can undertake in proactively preparing for innovation. One of the roles is to conduct outreach and education. Therefore, NVTA staff conducted a pilot of a series of virtual InNoVation Lunch and Learns last year designed to provide opportunities for pragmatic information exchange about technologies or innovations that are feasible immediately or in the near future (1-5 years). Each session focused on topics supported by the TTSP and were relevant to Bus Rapid Transit.

Due to the success of the pilot series, NVTA staff will continue hosting InNoVation Lunch and Learns. The series will be held over two seasons with three sessions each, occurring this Summer and Winter. The first of these will focus on effective standardization, collection, and use of bike/pedestrian data. These InNoVation Lunch and Learns will be open to all and will be recorded and posted to NVTA's YouTube channel.

C. 2023 Intelligent Transportation Society of Virginia (ITSVA) Annual Conference Poster Competition Submission Accepted

Intelligent Transportation Society of Virginia (ITSVA) has accepted NVTA's technical poster submission for presentation at the 2023 Annual Conference on May 10-11, 2023, in Richmond, VA. NVTA staff will be presenting a poster on the TTSP and NVTA's technology initiatives.

D. Travel Model Workshop on Hybrid Travel Demand Modeling in Northern Virginia - An Integrated Macro-mesoscopic Demand and Simulation Framework.



NVTA staff, partnering with TransAction travel model consultant team (staff from Cambridge Systematics and researchers from Arizona State University), held a travel model workshop covering hybrid travel demand modeling in Northern Virginia on March 10th at the NVTA offices. The event was well-attended by representatives from all government levels including the Federal Highway Administration (FHWA), State Departments of Transportation, Metropolitan Planning Organizations, and local counties. Presentation topics included NVTA's travel model framework, challenges in integrating regional travel demands with mesoscopic traffic simulation, NVTA

experiences to apply such an integrated toolset, and recent advances in the field.

Highlights of the presentation session:

- NVTa model framework is based on Transportation Planning Board's (TPB) model, with a number of enhancements such as introduction of emerging modes (connected and autonomous vehicles (CAVs), transportation network companies (TNCs)).
- To conduct high resolution traffic simulation in Northern Virginia, outputs from the TPB model are converted to an open-source file format called General Model Network Specification (GMNS). This format is sponsored and promoted by FHWA, similar to General Transit Feed Specification (GTFS) for transit modeling.
- This high-resolution traffic simulation is implemented via an open-source software platform called DTALite, with advanced functionalities to simulate individual travelers' behavior at a dis-aggregate level.

The presentation was well-received and followed by engaging conversations from participants. Some concluding remarks:

- *From FHWA planning staff:* This is a very promising proof-of-concept and application of high-resolution traffic simulation at regional level utilizing the GMNS format. The FHWA planning research team has invested substantially to develop and promote this format to standardize transportation network data
- *From TPB travel model staff:* To combine travel demand and network outputs with a traffic simulation model is a daunting task. Praise to the TransAction travel model team and NVTa staff for the successful implementation of this hybrid framework.

E. Route 29 Widening Project Groundbreaking

On March 8th I attended the Virginia Department of Transportation (VDOT) and Fairfax County Route 29 Widening project's groundbreaking ceremony in Fairfax County. The project will reconstruct and widen 1.5 miles of Route 29 (Lee Highway) between Union Mill Road and Buckleys Gate Drive relieving a major bottleneck during a.m. and p.m. hours. The project will also correct vertical alignment to improve sight distance, add and improve shared-used paths on both sides of Route 29 and provide connectivity to pedestrian/bicycle trails. The \$97 million project is financed with federal, state (including SMART SCALE) and county funding, and the I-66 concession fee.

F. American Public Transportation Association (APTA) Legislative Conference

On March 13th and 14th, I attended the American Public Transportation Association (APTA) Legislative Conference where Polly Trottenberg, Deputy Secretary, U.S.

Department of Transportation, Nuria Fernandez, Administrator, Federal Transit Administration (FTA), and Mitchell J. Landrieu, Senior Advisor to the President and Infrastructure Coordinator, The White House among other transportation leaders spoke and provided remarks. Topics covered included the current state of transportation funding, implementation of the Infrastructure Investment and Jobs Act, and visions for the future.

G. The Conference of Minority Transportation Officials' (COMTO) Women Who Move the Nation

On March 15th I attend Conference of Minority Transportation Officials' (COMTO) Women Who Move the Nation breakfast where Henrika Buchanan, National Practice Consultant & Vice President, HNTB; Veronica Castro de Barrera, Chair, Board of Directors, Austin Transit Partnership; Inez Evans, President & CEO, IndyGo; Cynthia Guidry, Director, Long Beach Airport; Captain Zeita Merchant, Commander, U.S. Coast Guard Sector New York; Raquel Olivier, CPA, MBA, President/CEO, Olivier, Inc., Link Transportation Corporation; Joanna M. Pinkerton, President/CEO, Central Ohio Transit Authority; Lynda Tran, Director of Public Engagement & Senior Advisor, U.S. Department of Transportation; Denise Turner Roth, Advisory National Business Line Executive, WSP, USA; and Veronica Vanterpool, Deputy Administrator, Federal Transit Administration, U.S. Department of Transportation were honored.

H. Woman Transportation Seminar (WTS) International Symposium Panel on Equity

On March 16th, I spoke at the Women's Transportation Seminar's (WTS) International 2023 Spring Policy Symposium "Equity in Transportation: A Holistic Approach to Implementation" panel, moderated by MJ Maynard, CEO, Regional Transportation Commission of Southern Nevada. Other panelists included Irene Marion, Director, U.S. Department of Transportation's Departmental Office of Civil Rights (DOCR), and Roxanna Thomas, Diversity and Inclusion Manager, North America, Mott MacDonald. I discussed NVTA's Core Value of Equity and how NVTA implements Equity as part of project evaluation and selection into the performance measures for TransAction, and the Six Year Program.

I. 8th Annual Northern Virginia Transportation Roundtable

The 8th Annual Northern Virginia Transportation Roundtable took place in-person on March 22, 2023. This event was undertaken in coordination with our partners, the ITSVA and Northern Virginia Association of Realtors (NVAR), and sponsors Cambridge Systematics Inc., Chmura and HDR Inc.

Seven speakers across two panels addressed topics related to NVTAs Core Values of Equity, Safety and Sustainability as well as innovative transportation solutions. All 61 attendees had several opportunities to ask questions and provide input through live-polling throughout the event. One example of this engagement was a poll in which 79% of respondents indicated that taking advantage of the latest technologies is either “very” or “extremely” important. Attendees were also asked what innovative transportation solution they would be most interested in seeing Northern Virginia pursue further, and “Bus Rapid Transit (BRT)” was the most frequent response. A summary of the event will be provided in the April edition of Driven By InNoVation, NVTAs monthly digest of innovative transportation topics, which you can subscribe to [here](#).

J. The Road Gang Luncheon Presentation

On March 23rd, I presented at the Road Gang monthly luncheon which was attended by transportation professionals from around the region. I presented the history and funding of NVTAs, details on NVTAs primary responsibilities of planning and programming, and NVTAs investments in BRT across Northern Virginia.

K. Transit Unplugged Live CEO Roundtable at the Think Transit Conference

On April 4th I was featured as a panelist at the Think Transit Conference in Nashville, Tennessee, on a live recording of the podcast Transit Unplugged. Paul Comfort, host of the podcast, moderated the panel and featured panelist included Billy Terry, Executive Director of the National Transit Institute, Doran Barns, CEO, Foothill Transit, California, and Erinn Pinkerton, CEO, BC Transit, British Columbia. As a non-transit operator, I spoke to NVTAs role and responsibilities, our Core Values of Equity, Safety, and Sustainability, how we are implementing a PDP-BRT to address the regions changing mobility patterns and needs of the future, and achieving consensus in a region with diverse needs.

L. TTSP Presentation to the Board of Directors of the Transportation Association of Greater Springfield (TAGS)

On April 5th, Mackenzie Love, Regional Transportation Planner, NVTAs virtually presented the TTSPs creation, strategies and roles to the Board of Directors of the Transportation Association of Greater Springfield (TAGS). TAGS is one of three designated Transportation Associations in Fairfax County, covering the greater Springfield area. TAGS serve as a local government transportation coordination point with their respective local business communities. Over 20 individuals were in attendance, and at the conclusion of the presentation, Ms. Love shared our [transportation technology webpage](#) and how to subscribe to our Driven By InNoVation newsletter.

2. Monthly Factoid Talking Point

In April 2012, the Virginia General Assembly approved HB 599 which required the Virginia Department of Transportation (VDOT) to coordinate with the Commonwealth Transportation Board (CTB), the Department of Rail and Public Transportation (DRPT) and NVTA to evaluate all significant transportation projects. The legislation required VDOT to rate and evaluate a minimum of 25 projects for congestion reduction and emergency evacuation and conduct the rating and evaluation process at least every 4 years. As part of SB 1785 (2019), primary responsibility as required by HB 599 (2012) transferred from VDOT to the NVTA, effective July 1, 2019.

HB 599 requires significant transportation projects in Northern Virginia to be evaluated and rated before NVTA adopts its funding programs. Each project's evaluation and rating are based on the project's expected impact on reducing congestion and, to the extent possible, the project's expected improvement in regional mobility during a homeland security emergency.

3. Upcoming Events & Report Updates

A. NVTA Standing Committee Meetings

- **Governance and Personnel Committee:** The NVTA Governance and Personnel Committee is scheduled to meet Thursday, May 11, 2023, at 5:30 p.m.
- **Finance Committee:** The NVTA Finance Committee is scheduled to meet Thursday, May 11, 2023, at 6:00 p.m.

4. CMAQ-RSTP Transfers

CMAQ and RSTP Transfers requested since the last Chief Executive Officer's report are presented in Attachments A and B, and C.

5. Regional Projects Status Report

The updated Regional Projects Status Report (attached) provides a narrative update for each project and the amount of project reimbursements requested and processed to date.

Link to the Projects Status Report: <https://thenovaauthority.org/funded-projects/>

Attachments:

- A.** Reallocation of RSTP funds for Fairfax County
- B.** Reallocation of CMAQ funds for VDOT
- C.** Modification of CMAQ funds for WMATA
- D.** Regional Funding Program Projects Status Report

NORTHERN VIRGINIA TRANSPORTATION AUTHORITY
MEMORANDUM

FOR: Chair Phyllis J. Randall and Members
Northern Virginia Transportation Authority

FROM: Monica Backmon, Chief Executive Officer

DATE: April 6, 2023

SUBJECT: Approval of Reallocation of Regional Surface Transportation Program (RSTP)
Funds for Fairfax County

- 1. Purpose:** To inform the Northern Virginia Transportation Authority (NVTA) of Regional Jurisdiction and Agency Coordinating Committee (RJACC) approval of Regional Surface Transportation Program (RSTP) funds for Fairfax County.
- 2. Background:** On September 11, 2008, the Authority delegated the authority to approve requests to reallocate CMAQ and RSTP funding between projects that were previously approved by the NVTA to RJACC.

On March 23, 2023, Fairfax County requested the following reallocation:

- Transfer of \$2,500,000 of RSTP funds from UPC 107937 (Fairfax County Parkway Widening (Northern Section)) to UPC T23541 (Fairfax County Parkway Widening (Southern Section))

Funding for the overall widening project is divided between two UPCs and this transfer will allocate funding to the appropriate phase allowing the project design to continue without delays to the schedule.

At its meeting on March 23, 2023, the RJACC approved this request.

Attachments:

- A.** Request Letter from Fairfax County
- B.** DRAFT Letter to VDOT NOVA District Administrator Lynch

Coordination: Regional Jurisdiction and Agency Coordinating Committee

Attachment A



County of Fairfax, Virginia

To protect and enrich the quality of life for the people, neighborhoods and diverse communities of Fairfax County

March 23, 2023

Ms. Monica Backmon, Chief Executive Officer
Northern Virginia Transportation Authority
3040 Williams Drive, Suite 200
Fairfax, Virginia 22031

Re: Reallocation of Regional Surface Transportation Program Funds

Dear Ms. Backmon:

Monica

Fairfax County requests the approval of the transfer of \$2,500,000 in previous year Regional Surface Transportation Program (RSTP) funds from Fairfax County Parkway (UPC 107937 – northern section) to Fairfax County Parkway (UPC T23541 – southern section). Funding for the overall widening project is divided between two UPCs and this transfer will allocate funding to the appropriate phase, allowing the project design to continue without delays to the schedule.

If you have any questions or concerns about this request, please contact Christina Cain at (703) 877-5629.

Sincerely,

Tom Biesiadny
Director

cc. Gregg Stevenson, Deputy Director, Fairfax County Department of Transportation (FCDOT)
Noelle Dominguez, Chief, Coordination and Funding Division, FCDOT
Todd Minnix, Chief, Transportation Design Division, FCDOT
Ray Johnson, Chief, Funding Section, FCDOT
Carole Bondurant, Virginia Department of Transportation (VDOT)
Bethany Mathis, VDOT

CMAQ/RSTP Transfer Request Form

(One Sheet Needed Per Donor Project)

Date: 3/23/2023

Name of Jurisdiction/Agency Requesting: Fairfax County

Current Balance of CMAQ/RSTP Funds Currently Allocated to Donor Project (Prior to this Transfer): \$2,500,000

From (Donor): To (Recipient):

UPC	Project Description	Type of Funds	Transfer from Previous Fiscal	If No, Year Requested	Transfer Amount	UPC	Project Description	Previously Approved by NVTA	If Yes, Year Approved	JACC Approval (NVTA)	Authority Approval (NVTA)	Funds Verified (VDOT)	Completed (VDOT)
107937	Fairfax County Parkway Widening (Northern Section)	RSTP	Y		\$2,500,000.00	T23541	Fairfax County Parkway Widening (Southern Section)	Y					

TOTAL OF TRANSFER \$2,500,000.00

Attach Signed Request of Transfer Letter

Attachment B



Northern Virginia Transportation Authority

The Authority for Transportation in Northern Virginia

April 13, 2023

Mr. John Lynch
District Administrator
Virginia Department of Transportation
4975 Alliance Dr. Suite 4E-342
Fairfax, Virginia 22030

Reference: Request to Reallocate Regional Surface Transportation Program (RSTP) funds for Fairfax County

Dear Mr. Lynch:

On September 11, 2008, the Northern Virginia Transportation Authority (NVTA) delegated the authority to approve requests to reallocate Congestion Mitigation and Air Quality Improvement Program (CMAQ) and Regional Surface Transportation Program (RSTP) funding between projects that were previously approved by the NVTA to the Regional Jurisdiction and Agency Coordinating Committee (RJACC).

On March 23, 2023, Fairfax County requested the following reallocation:

- Transfer of \$2,500,000 of RSTP funds from UPC 107937 (Fairfax County Parkway Widening (Northern Section)) to UPC T23541 (Fairfax County Parkway Widening (Southern Section))

Funding for the overall widening project is divided between two UPCs and this transfer will allocate funding to the appropriate phase allowing the project design to continue without delays to the schedule.

The RJACC approved the request on March 23, 2023, and the NVTA was informed at their April 13, 2023, meeting. The NVTA has not objected to these reallocations.

Please take the necessary steps to reallocate these funds in the Transportation Improvement Program and the State Transportation Improvement Program. Thank you very much.

Sincerely,

Phyllis J. Randall
Chair

cc: Monica Backmon, CEO, NVTA
Tom Biesiadny, Director, Fairfax County Department of Transportation

NORTHERN VIRGINIA TRANSPORTATION AUTHORITY
MEMORANDUM

FOR: Chair Phyllis J. Randall and Members
Northern Virginia Transportation Authority

FROM: Monica Backmon, Chief Executive Officer

DATE: April 6, 2023

SUBJECT: Approval of Reallocation of Congestion Mitigation and Air Quality Improvement Program (CMAQ) Funds for the Virginia Department of Transportation (VDOT)

- 1. Purpose:** To inform the Northern Virginia Transportation Authority (NVTa) of Regional Jurisdiction and Agency Coordinating Committee (RJACC) approval of Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds for the Virginia Department of Transportation (VDOT).
- 2. Background:** On September 11, 2008, the Authority delegated the authority to approve requests to reallocate Congestion Mitigation and Air Quality (CMAQ) and Regional Surface Transportation Program (RSTP) funding between projects that were previously approved by the NVTa to the Regional Jurisdiction and Agency Coordinating Committee (RJACC).

On March 23, 2023, the Virginia Department of Transportation (VDOT) requested the following reallocation:

- Transfer CMAQ funds of \$1,019,934 from UPC 106988 Multimodal Travel Information Displays (TID) Upgrade & Expansion and \$10,084 from UPC T24212 Multimodal TID FY24-FY26 to UPC T21586 NoVA Signal Timing Optimization & Systems OIPS II (FY24-FY26).
- Transfer surplus programmed CMAQ funds of \$47,254 from UPC 106989 NoVA Signal Timing Optimization & Systems OIPS IV (FY21-FY23) to UPC T21586 NoVA Signal Timing Optimization & Systems OIPS II (FY24-FY26). This will fully fund this project.
- Transfer CMAQ funds of \$121,545 from UPC T24212 Multimodal TID FY24-FY26 to T22728 MATOC Annual Support FY25-FY27.
- Transfer surplus CMAQ funds of \$304,335 from UPC 119456 MATOC Annual Support FY22-FY24 to UPC 106915 MATOC Annual Support FY19-FY21 to cover the deficit and complete this project for closeout. Additionally, transfer the remaining CMAQ surplus funds of \$122,284 from UPC 119456 MATOC Annual Support FY22-FY24 to T22728 MATOC Annual Support FY25-FY27 as this will fully fund this project.
- Transfer CMAQ funds of \$532,785 from UPC T24212 Multimodal TID FY24-FY26 to T25360 Commuter Connections Operation Center FY28-FY30.
- The following transfers of programmed surplus CMAQ funds of \$221,218 from UPC T25165 Northern Virginia TERMS- FY24-FY26 and \$1,636,356 from UPC 70716 Districtwide Balance Entry FY22-FY26, and transfer CMAQ surplus funds of \$24,243 from UPC 118665 Commuter Operation Center - FY22 to FY24 and \$8,378 from UPC

118800 Clean Air Partners - FY22 to FY24 to T25360 Commuter Connections Operation Center FY28-FY30 to address an existing funding need.

- Transfers of programmed surplus CMAQ funds \$42,228 from UPC 111652 Commuter Connections Operation Center – FY19 to FY21 and \$48,619 from UPC 118665 Commuter Operation Center - FY22 to FY24 to UPC T21556 Commuter Connections Operation Center - FY25 to FY27 to fully fund this project.

These transfers are requested to align estimates with allocations and to support full funding for delivery for the MATOC, NoVA Signal Timing and Optimization & Systems, Commuter Operations Center, and TDM Program projects. This includes cancellation of the Multimodal TID project UPC 106988 and UPC T24212 and redistribution of CMAQ funds with match \$1,684,348. Due to the reduction of shoppers during the pandemic and new technology trend that relies on application-based traveler information delivery, the implementation of these projects is no longer needed. Additionally, these requests involve redistribution of remaining undistributed NoVA Districtwide Projects CMAQ Balance Entry funds of \$1,636,356.

At its meeting on March 23, 2023, the RJACC approved this request.

Attachments:

- A. Request Letter from VDOT
- B. DRAFT Letter to VDOT NOVA District Administrator Lynch

Coordination: Regional Jurisdiction and Agency Coordinating Committee

Attachment A



COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION

Stephen C. Brich, P.E.
Commissioner

1401 East Broad Street
Richmond, Virginia 23219

(804) 786-2701
Fax: (804) 786-2940

March 14, 2023

Richard Roisman and Meagan Landis, Co-Chairs
Regional Jurisdiction and Agency Coordination Committee (RJACC)
Northern Virginia Transportation Authority (NVTA)
3040 Williams Drive, Suite 200
Fairfax, Virginia 22031

Reference: Request of transfer of Congestion Mitigation and Air Quality (CMAQ) Funds between the VDOT Districtwide Project(s)

Dear Mr. Roisman and Ms. Landis:

Virginia Department of Transportation requests the NVTA RJACC's and Authority's concurrence to reallocate CMAQ funds with match \$1,684,348 from cancellation of the Multimodal Travel Information Displays project UPC 106988 and UPC T24212. Due to the reduction of shoppers during the pandemic and new technology trend that relies on application based traveler information delivery, the implementation of these projects is no longer needed.

Also outlined in the transfer requests are previously allocated CMAQ funds with match to VDOT Districtwide project(s) included for transfers to align estimates with allocations and to support full funding for delivery for the MATOC, NOVA Signal Timing and Optimization & Systems, Commuter Operations Center and TDM Program projects to include any remaining undistributed Nova Districtwide Projects CMAQ Balance Entry funds of \$1,636,356.

Transfer CMAQ funds of \$1,019,934 from UPC 106988 MULTIMODAL TRAVEL INFORMATION DISPLAYS (TID) UPGRADE & EXPAN and \$10,084 from UPC T24212 MULTIMODAL TRAVEL INFORMATION DISPLAYS (TID) FY24-FY26 to UPC T21586 Nova Signal Timing Optimization & Systems OIPS II (FY24-FY26). Additionally, we request to Transfer surplus programmed CMAQ funds of \$47,254 from UPC 106989 NOVA SIGNAL TIMING OPTIMIZATION & SYSTEMS OPS IV (FY'21-'23) to UPC T21586 NOVA SIGNAL TIMING OPTIMIZATION & SYSTEMS OPS II (FY'24-'26) this will fully fund this project.

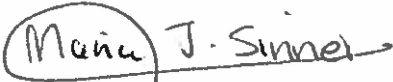
Transfer CMAQ funds of \$121,545 from UPC T24212 MULTIMODAL TRAVEL INFORMATION DISPLAYS (TID) FY24-FY26 to T22728 MATOC ANNUAL SUPPORT FY25-FY27. Additionally, the following transfers between UPC 119456 MATOC ANNUAL SUPPORT FY22-FY24 of surplus CMAQ Funds \$304,335 to UPC 106915 MATOC Annual Support FY19-FY21 to cover deficit and complete this project for closeout and transfer remaining CMAQ surplus funds \$122,284 to T22728 MATOC ANNUAL SUPPORT FY25-FY27 this will fully fund this project.

Transfer CMAQ funds of \$532,785 from UPC T24212 MULTIMODAL TRAVEL INFORMATION DISPLAYS (TID) FY24-FY26 to T25360 COMMUTER CONNECTIONS OPERATION CENTER FY28-FY30. Additionally, the following transfers of programmed surplus CMAQ funds from UPC T25165 NORTHERN VIRGINIA TERMS - FY'24 - FY '26 \$221,218 and UPC 70716 Districtwide Balance Entry FY22-FY26 CMAQ funds \$1,636,356 and transfer CMAQ surplus funds of \$24,243 from UPC 118665 COMMUTER OPERATIONS CENTER - FY22 to FY24 and \$8,378 from UPC 118800 CLEAN AIR PARTNERS - FY22 TO FY24 to T25360 COMMUTER CONNECTIONS OPERATION CENTER FY28-FY30 to address an existing funding need.

Transfers of programmed surplus CMAQ funds \$42,228 from UPC 111652 COMMUTER CONNECTIONS OPERATION CENTER - FY19 to FY21 and Transfer CMAQ funds \$48,619 from UPC 118665 COMMUTER OPERATIONS CENTER - FY22 to FY24 to UPC T21556 COMMUTER CONNECTIONS OPERATION CENTER - FY25 to FY27 to fully fund this project.

Thank you for your consideration of this request. Please feel free to contact me at maria.sinner@vdot.virginia.gov or 571-238-2519 should you have further questions.

Sincerely,

A handwritten signature in black ink that reads "Maria J. Sinner". The signature is written in a cursive style, with the first name "Maria" being more prominent and the last name "Sinner" following it. The signature is written over a horizontal line.

Maria J. Sinner, P.E.
Northern Virginia District Programming and Investment Manager

Cc: Mr. John D. Lynch, P.E., VDOT-NoVA,
Ms. Carol Bondurant, Programming Manager, VDOT-NoVA

Transfer of Funds - (Allocation Journal)

Date: 3/14/2023
 Locality/Co/Jurisdiction: District Wide
 District/Region: NOVA
 Requested by: Tara Atkins
 Approved by: _____
 Processed by: _____
 CTB:

- 1) Additional Financing
 2) Close Completed Project
 3) Finance Deficit
 4) Other - Explain in the Comments

FROM (DONOR):						TO (RECIPIENT):					
UPC	State Project #	FY	Allocation Type	Split	Amount	UPC	State Project #	FY	Allocation Type	Split	Code
106988	TTID-029-244	Prev	3150101	80	\$815,948	T21586	STOS-96A-537	23	3150101	80	3
106988	TTID-029-244	Prev	3050111	20	\$203,986	T21586	STOS-96A-537	23	3050111	20	3
T24212	TTID-029-502	25	3150101	80	\$8,067	T21586	STOS-96A-537	25	3150101	80	3
T24212	TTID-029-502	25	3050111	20	\$2,017	T21586	STOS-96A-537	25	3050111	20	3
106989	STOS-029-355	Prev	3150101	80	\$37,803	T21586	STOS-96A-537	23	3150101	80	3
106989	STOS-029-355	Prev	3050111	20	\$9,451	T21586	STOS-96A-537	23	3150101	20	3
T24212	TTID-029-502	25	3150101	80	\$97,236	T22728	RTCO-96A-563	25	3150101	80	3
T24212	TTID-029-502	25	3050111	20	\$24,309	T22728	RTCO-96A-563	25	3050111	20	3
119456	RTCO-96A-430	Prev	3150101	80	\$97,827	T22728	RTCO-96A-563	23	3150101	80	3
119456	RTCO-96A-430	Prev	3050111	20	\$24,457	T22728	RTCO-96A-563	23	3050111	20	3
119456	RTCO-96A-430	Prev	3150101	80	\$243,468	106915	RTCO-96A-350	23	3150101	80	3,2
119456	RTCO-96A-430	Prev	3050111	20	\$60,867	106915	RTCO-96A-350	23	3050111	20	3,2
T24212	TTID-029-502	25	3150101	80	\$426,228	T25360	CM00-96A-632	25	3150101	80	3
T24212	TTID-029-502	25	3050111	20	\$106,557	T25360	CM00-96A-632	25	3050111	20	3
T25165	CM00-96A-104	24	3151000	80	\$176,974	T25360	CM00-96A-632	24	3151000	80	3
T25165	CM00-96A-104	24	3051010	20	\$44,244	T25360	CM00-96A-632	24	3051010	20	3
70716	CMAQ-96A-449	22	3050111	80	\$225,690	T25360	CM00-96A-632	Prev	3050111	80	3
70716	CMAQ-96A-449	22	3150101	20	\$56,423	T25360	CM00-96A-632	Prev	3150101	20	3
70716	CMAQ-96A-449	23	3050111	80	\$171,758	T25360	CM00-96A-632	Prev	3050111	80	3
70716	CMAQ-96A-449	23	3150101	20	\$42,939	T25360	CM00-96A-632	Prev	3150101	20	3
70716	CMAQ-96A-449	24	3050111	80	\$300,586	T25360	CM00-96A-632	Prev	3050111	80	3
70716	CMAQ-96A-449	24	3150101	20	\$75,147	T25360	CM00-96A-632	Prev	3150101	20	3
70716	CMAQ-96A-449	25	3050111	80	\$303,290	T25360	CM00-96A-632	Prev	3050111	80	3
70716	CMAQ-96A-449	25	3150101	20	\$75,822	T25360	CM00-96A-632	Prev	3150101	20	3
70716	CMAQ-96A-449	26	3050111	80	\$307,761	T25360	CM00-96A-632	Prev	3050111	80	3
70716	CMAQ-96A-449	26	3150101	20	\$76,940	T25360	CM00-96A-632	Prev	3150101	20	3
118665	CM00-029-432	23	3050111	80	\$19,394	T25360	CM00-96A-632	23	3050111	80	3
118665	CM00-029-432	23	3150101	20	\$4,849	T25360	CM00-96A-632	23	3150101	20	3
118800	CM00-96A-533	23	3050111	80	\$6,702	T25360	CM00-96A-632	23	3050111	80	3
118880	CM00-96A-533	23	3150101	20	\$1,676	T25360	CM00-96A-632	23	3150101	20	3
111652	CM00-96A-351	Prev	3150101	80	\$33,782	T21556	9999-96A-535	23	3150101	80	3
111652	CM00-96A-351	Prev	3050111	20	\$8,446	T21556	9999-96A-535	23	3050111	20	3
118665	CM00-029-432	Prev	3150101	80	\$38,895	T21556	9999-96A-535	23	3150101	80	3
118665	CM00-029-432	Prev	3050111	20	\$9,724	T21556	9999-96A-535	23	3050111	20	3

TOTAL OF JOURNAL ALLOCATION:

\$4,139,263

DISTRICT COMMENTS (include reason for transfer & other pertinent info):
 Transfer of CMAQ funding between VDOT NOVA Districtwide Projects as referenced in letter from Maria Sinner dated 3-14-23.

IID COMMENTS:

Attachment B



Northern Virginia Transportation Authority

The Authority for Transportation in Northern Virginia

April 13, 2023

Mr. John Lynch
District Administrator
Virginia Department of Transportation
4975 Alliance Dr. Suite 4E-342
Fairfax, Virginia 22030

Reference: Request to Reallocate Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds for the Virginia Department of Transportation (VDOT).

Dear Mr. Lynch:

On September 11, 2008, the Northern Virginia Transportation Authority (NVTA) delegated the authority to approve requests to reallocate Congestion Mitigation and Air Quality Improvement Program (CMAQ) and Regional Surface Transportation Program (RSTP) funding between projects that were previously approved by the NVTA to the Regional Jurisdiction and Agency Coordinating Committee (RJACC).

On March 23, 2023, the Virginia Department of Transportation (VDOT) requested the following reallocation:

- Transfer CMAQ funds of \$1,019,934 from UPC 106988 Multimodal Travel Information Displays (TID) Upgrade & Expansion and \$10,084 from UPC T24212 Multimodal TID FY24-FY26 to UPC T21586 NoVA Signal Timing Optimization & Systems OIPS II (FY24-FY26).
- Transfer surplus programmed CMAQ funds of \$47,254 from UPC 106989 NoVA Signal Timing Optimization & Systems OIPS IV (FY21-FY23) to UPC T21586 NoVA Signal Timing Optimization & Systems OIPS II (FY24-FY26). This will fully fund this project.
- Transfer CMAQ funds of \$121,545 from UPC T24212 Multimodal TID FY24-FY26 to T22728 MATOC Annual Support FY25-FY27.
- Transfer surplus CMAQ funds of \$304,335 from UPC 119456 MATOC Annual Support FY22-FY24 to UPC 106915 MATOC Annual Support FY19-FY21 to cover the deficit and complete this project for closeout. Additionally, transfer the remaining CMAQ surplus funds of \$122,284 from UPC 119456 MATOC Annual Support FY22-FY24 to T22728 MATOC Annual Support FY25-FY27 as this will fully fund this project.
- Transfer CMAQ funds of \$532,785 from UPC T24212 Multimodal TID FY24-FY26 to T25360 Commuter Connections Operation Center FY28-FY30.
- The following transfers of programmed surplus CMAQ funds of \$221,218 from UPC T25165 Northern Virginia TERMS- FY24-FY26 and \$1,636,356 from UPC 70716 Districtwide Balance Entry FY22-FY26, and transfer CMAQ surplus funds of \$24,243 from UPC 118665 Commuter Operation Center - FY22 to FY24 and \$8,378 from UPC 118800 Clean Air Partners - FY22 to FY24 to T25360 Commuter Connections Operation Center FY28-FY30 to address an existing funding need.
- Transfers of programmed surplus CMAQ funds \$42,228 from UPC 111652 Commuter Connections Operation Center – FY19 to FY21 and \$48,619 from UPC 118665 Commuter Operation Center - FY22

to FY24 to UPC T21556 Commuter Connections Operation Center - FY25 to FY27 to fully fund this project.

These transfers are requested to align estimates with allocations and to support full funding for delivery for the MATOC, NoVA Signal Timing and Optimization & Systems, Commuter Operations Center, and TDM Program projects. This includes cancellation of the Multimodal TID project UPC 106988 and UPC T24212 and redistribution of CMAQ funds with match \$1,684,348. Due to the reduction of shoppers during the pandemic and new technology trend that relies on application-based traveler information delivery, the implementation of these projects are no longer needed. Additionally, these requests involve redistribution of remaining undistributed NoVA Districtwide Projects CMAQ Balance Entry funds of \$1,636,356.

The RJACC approved the request on March 23, 2023, and the NVTA was informed at their April 13, 2023 meeting. The NVTA has not objected to these reallocations.

Please take the necessary steps to reallocate these funds in the Transportation Improvement Program and the State Transportation Improvement Program. Thank you very much.

Sincerely,

Phyllis J. Randall
Chair

cc: Monica Backmon, CEO, NVTA
Maria J. Sinner, P.E., Northern Virginia District Programming and Investment Manager, VDOT

NORTHERN VIRGINIA TRANSPORTATION AUTHORITY
MEMORANDUM

FOR: Chair Phyllis J. Randall and Members
Northern Virginia Transportation Authority

FROM: Monica Backmon, Chief Executive Officer

DATE: April 6, 2023

SUBJECT: Modification of Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds for Washington Metropolitan Area Transit Authority (WMATA)

- 1. Purpose:** To inform the Northern Virginia Transportation Authority (NVTA) of Regional Jurisdiction and Agency Coordinating Committee (RJACC) approval of Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds for Washington Metropolitan Area Transit Authority (WMATA).
- 2. Background:** On September 11, 2008, the Authority delegated the authority to approve requests to reallocate CMAQ and RSTP funding between projects that were previously approved by the NVTA to RJACC.

WMATA's original application for federal FY2023 CMAQ funding identified acquisition of hybrid buses and WMATA's federal FY2024 CMAQ funding identified acquisition of clean diesel buses. WMATA's active bus replacement contract's final option year is for the acquisition of clean diesel buses in FY2023. WMATA's future bus replacement for FY2024 – FY2028 is only for hybrid and BEB to support WMATA's forthcoming zero emission transition plan.

WMATA requests to modify the propulsion types in the table below. There would be no change to the total number of clean diesel buses procured between FY2023 and FY2024. The estimated cost of hybrid and battery buses is approximately twice the cost, therefore WMATA will use its formula funding and other sources to complete its annual rolling stock replacements.

FY	Allocation	UPC	Original Propulsion Est # Buses	Revised Propulsion Est Buses
2023	\$ 4,432,064	T21031	Hybrid - 4	Clean Diesel - 8
2024	\$ 4,266,461	T21033	Clean Diesel - 8	Hybrid - 4 to 5
2025	\$ 3,407,448	T21033	Clean Diesel - 6	Hybrid/BEB -3
2026	\$ 4,334,638	T21033	Clean Diesel - 6	Hybrid/BEB -3

On March 23, 2023, WMATA requested the following modifications:

- Use of \$4,432,064 of CMAQ funds for UPC T21031 (Bus Replacement - Hybrid) to purchase 8 clean diesel buses instead of the originally requested 4 hybrid buses.
- Use of \$ 4,266,461 of CMAQ funds for UPC T21033 (Bus Replacement - Diesel) to purchase 4-5 hybrid buses instead of the originally requested 8 clean diesel buses.

- Use of \$ 3,407,448 of CMAQ funds for UPC T21033 (Bus Replacement - Diesel) to purchase 3 hybrid/BEB (Battery Electric Buses) buses instead of the originally requested 6 clean diesel buses.
- Use of \$ 4,334,638 of CMAQ funds for UPC T21033 (Bus Replacement - Diesel) to purchase 3 hybrid/BEB buses instead of the originally requested 6 clean diesel buses.

At its meeting on March 23, 2023, the RJACC approved this request.

Attachments:

- A.** Request Letter from WMATA
- B.** DRAFT Letter to VDOT NOVA District Administrator Lynch

Coordination: Regional Jurisdiction and Agency Coordinating Committee

Attachment A



March 1, 2023

Mr. Paolo Belita and Mr. Richard Roisman
Northern Virginia Transportation Authority
Regional Jurisdiction and Agency Coordination Committee
3040 Williams Drive, Suite 200
Fairfax, Virginia 22031

SUBJECT: WMATA Congestion Mitigation and Air Quality Modification/Transfer Request

Dear Mr. Roisman and Mr. Belita:

The Washington Metropolitan Area Transit Authority (WMATA) requests the Northern Virginia Transportation Authority (NVTA), Regional Jurisdiction and Agency, Coordination Committee (RJACC) take action at its next meeting to modify (transfer) WMATA's Congestion Mitigation and Air Quality (CMAQ) funding. This request only addresses the propulsion type of the approved projects to better align with the planned bus acquisition plan. It does not require a fund transfer or change funding amounts.

WMATA's original application for Federal FY2023 CMAQ funding identified acquisition of hybrid buses and WMATA's Federal FY2024 CMAQ funding identified acquisition of diesel buses. The active bus replacement contract's final option year is for the acquisition of clean diesel buses in WMATA FY2023. WMATA's future bus replacement for FY2024 – FY2028 is only for hybrid and battery electric buses to support WMATA's forthcoming zero emission transition plan.

WMATA requests to modify the propulsion types in the table below. There would be no change to the total number of clean diesel buses procured. The estimated cost of hybrid and battery buses are approximately twice the cost, therefore WMATA will use its formula funding and other sources to complete its annual rolling stock replacements.

FY	Allocation	Original Propulsion Est# Buses	Revised Propulsion Est# Buses
2023	\$4,432,064	Hybrid – 4	Clean Diesel - 8
2024	\$4,266,461	Clean Diesel – 8	Hybrid – 4 to 5
2025	\$3,407,448	Clean Diesel – 6	Hybrid/BEB – 3
2026	\$4,334,638	Clean Diesel – 6	Hybrid/BEB – 3

**Washington
Metropolitan Area
Transit Authority**

300 7th Street, SW
Washington, DC 20024
202-962-1234

wmata.com

*A District of Columbia,
Maryland and Virginia
Transit Partnership*

SUBJECT: WMATA Congestion Mitigation and Air Quality Modification/Transfer Request

Thank you for your consideration. If you have questions regarding the request please contact either Marci Malaster, Sr. Manager of Grants at mmalaster@wmata.com or 202-450-8722 or contact William Jones of WMATA Planning Office at wjones2@wmata.com or 202-627-4529.

Sincerely,

Patrick W Bailey
E024183 WMATA

 Digitally signed by Patrick W Bailey
E024183 WMATA
Date: 2023.03.01 17:07:25 -05'00'

Patrick W. Bailey
Director, Funds and Grants Management

CC:
Andrew Austin, MWCOG
Mark Phillips, WMATA Planning
William Jones, WMATA Planning
Marci Malaster, WMATA Funds and Grants
Raymond Alfred, WMATA Bus
Darin Welt, WMATA Bus

CMAQ/RSTP Transfer Request Form

(One Sheet Needed Per Donor Project)

Date: 3/14/2023

Name of Jurisdiction/Agency Requesting: Washington Metropolitan Area Transit Authority

Current Balance of CMAQ/RSTP Funds Currently Allocated to Donor Project (Prior to this Transfer):

Zero

From (Donor): WMATA

To (Recipient): WMATA

<u>UPC</u>	<u>Project Description</u>	<u>Type of Funds</u>	<u>Transfer from Previous Fiscal Years</u>	<u>If No, Year Requested</u>	<u>Transfer Amount</u>	<u>UPC</u>	<u>Project Description</u>	<u>Previously Approved by NVTA</u>	<u>If Yes, Year Approved</u>	<u>JACC Approval (NVTA)</u>	<u>Authority Approval (NVTA)</u>	<u>Funds Verified (VDOT)</u>	<u>Completed (VDOT)</u>
T21031	Bus Replacement - Hybrid	CMAQ	N	23	\$4,432,064.00	T21031	Bus Replacement Diesel	Y	2017				
T21033	Bus Replacement - Diesel	CMAQ	N	24	\$4,266,461.00	T21033	Bus Replacement Hybrid/BEB	Y	2018				
T21033	Bus Replacement - Diesel	CMAQ	N	25	\$3,407,448.00	T21033	Bus Replacement Hybrid/BEB	Y	2019				
T21033	Bus Replacement - Diesel	CMAQ	N	26	\$4,334,638.00	T21033	Bus Replacement Hybrid/BEB	Y	2020				

TOTAL OF TRANSFER

\$16,440,611.00

Attach Signed Request of Transfer Letter

Attachment B



Northern Virginia Transportation Authority

The Authority for Transportation in Northern Virginia

April 13, 2023

Mr. John Lynch
District Administrator
Virginia Department of Transportation
4975 Alliance Dr. Suite 4E-342
Fairfax, Virginia 22030

Reference: Modify allocations of Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds for Washington Metropolitan Area Transit Authority (WMATA)

Dear Mr. Lynch:

On September 11, 2008, the Northern Virginia Transportation Authority (NVTA) delegated the authority to approve requests to reallocate Congestion Mitigation and Air Quality Improvement Program (CMAQ) and Regional Surface Transportation Program (RSTP) funding between projects that were previously approved by the NVTA to the Regional Jurisdiction and Agency Coordinating Committee (RJACC).

WMATA's original application for federal FY2023 CMAQ funding identified acquisition of hybrid buses and WMATA's federal FY2024 CMAQ funding identified acquisition of clean diesel buses. WMATA's active bus replacement contract's final option year is for the acquisition of clean diesel buses in FY2023. WMATA's future bus replacement for FY2024 – FY2028 is only for hybrid and BEB to support WMATA's forthcoming zero emission transition plan.

WMATA requests to modify the propulsion types in the table below. There would be no change to the total number of clean diesel buses procured between FY2023 and FY2024. The estimated cost of hybrid and battery buses is approximately twice the cost, therefore WMATA will use its formula funding and other sources to complete its annual rolling stock replacements.

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On March 23, 2023, WMATA requested the following modifications:

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- Use of \$ 4,334,638 of CMAQ funds for UPC T21033 (Bus Replacement - Diesel) to purchase 3 hybrid/BEB buses instead of the originally requested 6 clean diesel buses.

The RJACC approved the request on March 23, 2023, and the NVTA was informed at their April 13, 2023, meeting. The NVTA has not objected to these reallocations.

Please take the necessary steps to modify allocations of these funds in the Transportation Improvement Program and the State Transportation Improvement Program. Thank you very much.

Sincerely,

Phyllis J. Randall
Chair

cc: Monica Backmon, CEO, NVTA
Patrick W Bailey, Director, Funds and Grants Management, WMATA

NVTa Funding Program Project Status

Summary Report

As of April 1, 2023.		
NVRTA's Regional Fund Program FY2014 - FY2027		Upcoming Public Information Meeting(s): NOTE: For latest information on project events, please refer to the "Events and Meetings" section on our home page - https://thenovaaauthority.org/ For full status information, please check NVRTA web page on regional fund projects - https://thenovaaauthority.org/funded-projects/
Total Revenue Allocated	\$3,121,078,666	
Total Amount Appropriated	\$2,007,135,169	
Total Amount Reimbursed	\$717,752,149	
Total Number of Individual Projects	122	
Number of Standard Project Agreements (SPAs)	162	
Closed out, project completed	41	
Closed out, project ongoing	18	
Executed, funded phase underway	51	
Executed, funded phase not started	10	
Appropriated, no SPA yet	7	
Approved, no appropriation yet	35	
Revenue Allocated		
Closed out, project completed	\$339,363,635	
Closed out, project ongoing	\$89,712,752	
Executed, funded phase underway	\$1,170,314,112	
Executed, funded phase not started	\$354,240,000	
Appropriated, no SPA yet	\$53,504,670	
Approved, no appropriation yet	\$1,113,943,497	
Substantive Status Updates (during February 2023 - March 2023)**		
Project Title (program year)	Updated Status	% Reimbursed
Arlington County		
Crystal City Streets (FY2017)	15th St: 100% plans were submitted the week of March 5th.	FY2017: 31%
Intelligent Transportation System Improvements (FY2018-2023)	Three projects, two from Phase I & one from Phase II, were combined as one project, and is currently being solicited for bids.	FY2018-23: 16.8%
Fairfax County		
Frontier Drive Extension & Interchange Improvements (FY2015-2016/2018-2023)	The Intersection Modification Report (IMR) was approved, with Fairfax County Board of Supervisors' approval of the Limited Access Changes in February 2023.	FY 2015-16: 100% FY2018-23: 0%
Loudoun County		
Route 15 Bypass Widening: Battlefield Parkway to Montresor Road (FY2018-23)	The Limestone Branch floodplain study was approved by Building and Development (Loudoun County). Resubmitted phase I 100% plans to B&D, Leesburg, and VDOT.	0.0%
Northstar Boulevard- Shreveport Drive to Tall Cedars Parkway (FY2018-23)	PH 1 - North & South bound bridge deck, median and guard rails compete. PH 2 - Groundbreaking occurred February 24 2023.	FY2018-23: 6.54%
Prince William County		
Route 1 Widening: Featherstone Road to Mary's Way (FY2014/FY2015-16/FY2017)	All major construction activities on phases I and II are complete.	FY2014: 100% FY2015-16: 86.8% FY2017: 96.2%
Route 28 Widening: Route 234 Bypass to Linton Hall Road (FY2014/FY2015-16 FY2017/FY2018-23)	Project received final acceptance from VDOT. This project is now complete.	FY2014: 100% FY2015-16: 100.0% FY2017: 28.7% FY2018-23:100.0%
North Woodbridge Mobility Improvements (FY2020-25)	100% plan submitted to VDOT for review and comment. Process to purchase stream and wetland credits has begun.	FY2020-25: 6%
No Updates in Current Cycle		
Project Title (program year)	Last Update Received	% Reimbursed
Arlington County		
Glebe Road Corridor ITS Improvements (FY2015-16)	December 2022.	FY2015-2016: 31.2%
City of Fairfax		
Jermantown Road Corridor Improvements Project (FY2018-23)	July 2022.	FY2018-23: 2.5%
Roadway Network Northfax West (FY2018-23/FY2020-25)	July 2022.	FY2018-23: 51.1% FY2020-25: 0%

**Substantive changes: SPA appendices A/B, Project administration, Start/completion of phases, Groundbreaking/ribbon-cutting ceremonies, Public information meetings, Major engineering progress.