

# NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

# 13.

## MEMORANDUM

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

**FROM:** Monica Backmon, Chief Executive Officer

**DATE:** March 2, 2023

**SUBJECT:** Approval of Recommendation to Reallocate Congestion Mitigation and Air Quality Improvement Program (CMAQ) and Regional Surface Transportation Program (RSTP) funds for Fairfax County

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- 1. Purpose:** To seek Northern Virginia Transportation Authority approval to recommend reallocation of Congestion Mitigation and Air Quality Improvement Program (CMAQ) and Regional Surface Transportation Program (RSTP) funds for Fairfax County.
  - 2. Suggested Motion:** *I move Authority approval to recommend the reallocation of Congestion Mitigation Air and Quality Improvement Program (CMAQ) and Regional Surface Transportation Program (RSTP) funds for Fairfax County.*
  - 3. 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 the Regional Jurisdiction and Agency Coordinating Committee (RJACC). However, the Authority will need to approve the transfer requests for new projects before any funds can be reallocated.

Fairfax County requested a total transfer of \$1,879,341 to UPC 118128 (Cinder Bed Road Bikeway) from the following:

- a.** \$434,069 in RSTP funds from Tysons Metrorail Station Access Management Study (TMSAMS) Reserve (UPC 100469) to Cinder Bed Road Bikeway (UPC 118128).
- b.** \$1,041,709 CMAQ funds from TMSAMS Reserve (UPC 100469) to Cinder Bed Road Bikeway (UPC 118128).
- c.** \$368,683 in RSTP funds from Fairfax County Balance Entry RSTP (UPC 70717) to Cinder Bed Road Bikeway (UPC 118128).
- d.** \$34,880 in CMAQ funds from Fairfax County Balance Entry CMAQ (70716) to Cinder Bed Road Bikeway (UPC 118128).

These transfers will allocate funding to the Cinder Bed Road Bikeway project for right of way and construction to continue without delays to the schedule.

At its meeting on February 23, 2023, the RJACC recommended approval of the request.

**Attachments:**

- A.** Fairfax County Request Letter

**B. DRAFT Letter to VDOT NOVA District Administrator Lynch**

**Coordination:** Regional Jurisdiction and Agency Coordinating Committee



# County of Fairfax, Virginia

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

February 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 and Congestion Mitigation and Air Quality Funds

Dear Ms. Backmon: *Monica*

Fairfax County requests the approval of the Northern Virginia Transportation Authority to transfer a total of \$1,879,341 in federal funding as follows:

- \$434,069 in Regional Surface Transportation Program (RSTP) funds from TMSAMS Reserve (UPC 100469) to Cinder Bed Road Bikeway (UPC 118128).
- \$1,041,709 in Congestion Mitigation Air Quality (CMAQ) funds from TMSAMS Reserve (UPC 100469) to Cinder Bed Road Bikeway (UPC 118128).
- \$368,683 in Regional Surface Transportation Program (RSTP) funds from Fairfax County Balance Entry RSTP (UPC 70717) to Cinder Bed Road Bikeway (UPC 118128).
- \$34,880 in Congestion Mitigation Air Quality (CMAQ) funds from Fairfax County Balance Entry CMAQ (70716) to Cinder Bed Road Bikeway (UPC 118128).

These transfers will allocate funding to the Cinder Bed Road Bikeway project for right of way and construction 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 Steverson, 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

Fairfax County Department of Transportation  
4050 Legato Road, Suite 400  
Fairfax, VA 22033-2895  
Phone: (703) 877-5600 TTY: 711  
Fax: (703) 877-5723  
[www.fairfaxcounty.gov/fcdot](http://www.fairfaxcounty.gov/fcdot)



## CMAQ/RSTP Transfer Request Form

(One Sheet Needed Per Donor Project)

Date: 2/23/2023

Name of Jurisdiction/Agency Requesting: Fairfax County

Current Balance of CMAQ/RSTP Funds Currently Allocated to Donor Project (Prior to this Transfer): \$1,879,341

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)
100469	TMSAMS Reserve	RSTP	Y		\$434,069.00	118128	Cinder Bed Road Bikeway (RW/CN)	N					
100469	TMSAMS Reserve	CMAQ	Y		\$1,041,709.00	118128	Cinder Bed Road Bikeway (RW/CN)	N					
70717	Balance Entry Account - FFX Co RSTP	RSTP	Y		\$368,683.00	118128	Cinder Bed Road Bikeway (RW/CN)	N					
70716	Balance Entry Account - FFX Co CMAQ	CMAQ	Y		\$34,880.00	118128	Cinder Bed Road Bikeway (RW/CN)	N					

TOTAL OF TRANSFER \$1,879,341.00

Attach Signed Request of Transfer Letter

# Bicycle and Pedestrian Improvements

This calculator will estimate the reduction in emissions resulting from improvements to bicycle and pedestrian infrastructure and associated mode shift from passenger vehicles to bicycling or walking, including but not limited to sidewalks, dedicated bicycle infrastructure, improved wayfinding, mid-block crossing installations, bike share systems, and bike parking improvements.

## Navigator

Bicycle and Pedestrian Improvements

### INPUT

(1) What is your project evaluation year?

(2) Estimate the shift in daily motorized passenger vehicle trips to non-motorized travel due to the bicycle and pedestrian project.

Daily Passenger Vehicle Trips		
Before	After	Change
3230	3128	102

(3a) Select the data type used for entering the typical one-way trip distance of passenger vehicles below:

Trip Distance Source

(3b) If you selected "Average" above, enter the typical one-way trip distance. If you selected "Distribution" above, enter the typical distribution of one-way trip distances.

Typical Trip Distance (miles one way)	Distribution of Trip Distances (daily fraction per mileage bin)					Sum
	x < 1	1 ≤ x < 2	2 ≤ x < 3	3 ≤ x < 4	4 ≤ x ≤ 5	
2.4	20.65%	37.26%	20.43%	13.47%	8.19%	100.0%

### OUTPUT

#### EMISSION REDUCTIONS

Pollutant	Total
Carbon Monoxide (CO)	0.000
Particulate Matter <2.5 μm (PM <sub>2.5</sub> )	0.000
Particulate Matter <10 μm (PM <sub>10</sub> )	0.000
Nitrogen Oxide (NOx)	0.000
Volatile Organic Compounds (VOC)	0.000
Carbon Dioxide (CO <sub>2</sub> )	0.000
Carbon Dioxide Equivalent (CO <sub>2</sub> e)	0.000
Total Energy Consumption (MMBTU/day)	0.000

\*Units in kg/day unless otherwise noted

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Typical Trip Distance (miles one way)	Distribution of Trip Distances (daily fraction per mileage bin)					Sum
	x < 1	1 ≤ x < 2	2 ≤ x < 3	3 ≤ x < 4	4 ≤ x ≤ 5	
0.90415	70.29%	22.10%	5.28%	1.61%	0.73%	100.0%

### OUTPUT

#### EMISSION REDUCTIONS

Pollutant	Total
Carbon Monoxide (CO)	0.320
Particulate Matter <2.5 μm (PM <sub>2.5</sub> )	0.001
Particulate Matter <10 μm (PM <sub>10</sub> )	0.004
Nitrogen Oxide (NO <sub>x</sub> )	0.015
Volatile Organic Compounds (VOC)	0.013
Carbon Dioxide (CO <sub>2</sub> )	33.661
Carbon Dioxide Equivalent (CO <sub>2</sub> e)	33.929
Total Energy Consumption (MMBTU/day)	0.455

Units in kg/day unless otherwise noted



## Northern Virginia Transportation Authority

*The Authority for Transportation in Northern Virginia*

March 9, 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) and 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). However, since the receiving projects are new, the Authority needs to approve the transfer requests before any funds can be reallocated.

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These transfers will allocate funding to the Cinder Bed Road Bikeway project for right of way and construction to continue without delays to the schedule.

On March 9, 2023, the Authority approved the requests noted above. 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