



# Northern Virginia Transportation Authority

*The Authority for Transportation in Northern Virginia*

Thursday, March 12, 2020  
7:00pm  
3040 Williams Drive, Suite 200  
Fairfax, VA 22031

## AGENDA

**I. Call to Order** Chair Randall

**II. Roll Call** Ms. Duker, Clerk

**III. Minutes of the February 13, 2020 Meeting**  
*Recommended action: Approval [with abstentions from those who were not present]*

## Action

**IV. Authorize Revised Public Release Date of March 13, 2020, for Projects Under Funding Consideration for the FY2020-2025 Six Year Program Update**  
Ms. Backmon, Executive Director  
*Recommended Action: Authorize Revised Public Release Date for Projects under Funding Consideration*

**V. Adoption of FY2021 Regional Revenue Fund Budget** Mr. Longhi, CFO  
*Recommended Action: Adoption of FY2021 Regional Revenue Fund Budget*

**VI. Adoption of FY2021 Local Distribution Fund Budget** Mr. Longhi, CFO  
*Recommended Action: Adoption of FY2021 Local Distribution Fund Budget*

**VII. Adoption of FY2021 Operating Budget** Mr. Longhi, CFO  
*Recommended Action: Adoption of FY2021 Operating Budget*

**VIII. Approval of Appointees to the Technical Advisory Committee**  
Mr. Sree Nampoothiri, Senior Transportation Planner  
*Recommended Action: Approval of Appointees to the Technical Advisory Committee*

**IX. Approval of CMAQ Transfer for the City of Alexandria**  
Ms. Backmon, Executive Director  
*Recommended Action: Approval of CMAQ Transfer for the City of Alexandria*

**Discussion/Information**

- |              |  |                                 |
|--------------|--|---------------------------------|
| <b>X.</b>    | <b>Governance and Personnel Committee</b>              | Chair Randall                   |
|              | <b>A. 2020 Legislative Update</b>                      | Ms. Baynard, McGuireWoods, LLC  |
| <b>XI.</b>   | <b>Project Status Update</b>                           | Ms. Backmon, Executive Director |
| <b>XII.</b>  | <b>Finance Committee Update</b>                        | Mayor Parrish, Chair            |
|              | <b>A. Investment Portfolio Report</b>                  | Mr. Longhi, CFO                 |
|              | <b>B. Monthly Revenue Report</b>                       | Mr. Longhi, CFO                 |
|              | <b>C. Operating Budget Report</b>                      | Mr. Longhi, CFO                 |
| <b>XIII.</b> | <b>Planning and Programming Committee Report</b>       | Mayor Wilson, Chair             |
| <b>XIV.</b>  | <b>Planning Coordination Advisory Committee Report</b> | Mayor Colbert, Chair            |
| <b>XV.</b>   | <b>Technical Advisory Committee Report</b>             | Mr. Boice, Chair                |
| <b>XVI.</b>  | <b>Executive Director's Report</b>                     | Ms. Backmon, Executive Director |
| <b>XVII.</b> | <b>Chair's Comments</b>                                |                                 |

**Closed Session**

- XVIII. Adjournment**

**Correspondence**

**Next Meeting: April 16, 2020 at 7:00pm**  
**NVTA Offices**



## Northern Virginia Transportation Authority

*The Authority for Transportation in Northern Virginia*

Thursday, January 9, 2020  
7:00 p.m.  
3040 Williams Drive, Suite 200  
Fairfax, VA 22031

### AGENDA

**I. Call to Order** Chair Randall

**A. Chair Randall called the meeting to order at 7:05 PM.**

**II. Roll Call** Ms. Duker, Clerk

- A. Voting Members: Chair Randall; Mayor Parrish; Chair Wheeler; Chairman McKay; Mayor Meyer; Mayor Wilson; Councilmember Snyder; Vice-Mayor Banks Ms. Hynes; Mr. Kolb
- B. Non-Voting Members; Mayor Wood, Ms. Cuervo, Mr. Horsley
- C. Staff: Monica Backmon (Executive Director); Michael Longhi (CFO); Keith Jasper (Principal, Planning and Programming); Sree Nampoothiri (Transportation Planner); Harun Rashid (Transportation Planner); Ria Kulkarni (Transportation Planner); Mackenzie Jarvis (Transportation Planner); Richard Stavros (Investment and Debt Manager); Erica Hawksworth (Communication and Public Affairs Manager); Dev Priya Sen (Financial Analyst); Margaret Duker (Board Clerk); Peggy Teal (Assistant Finance Officer); various jurisdictional and agency staff.
- D. Chairman McKay and Mr. Kolb arrived at 7:09pm and 7:11pm respectively.

**III. Minutes of the January 9<sup>th</sup>, 2020 Meeting**

- Mayor Wilson moved the approval of the January 9<sup>th</sup>, 2020 minutes; seconded by Mayor Parrish. Motion carried with abstentions by Vice-Mayor Banks.

### Presentation

**IV. 2019 Transportation Perception Survey** Mr. Keith Jasper, Planning and Programming Manager

- ✓ Mr. Jasper gave an introduction of the Transportation Perception Survey noting that the research was aimed at gathering information regarding how Northern Virginians feel about transportation, and how NVTa and other regional bodies and local governments are recognized with respect to transportation in the region. He added that the survey was conducted by an independent research company, Heart + Mind Strategies, which is based in Reston.
- ✓ Dr. Allsop, with Heart + Mind Strategies presented a detailed overview of the survey, citing the following:

- ✓ Residents are seeing a lot of improvements in the implementation and planning of transportation initiatives in the region.
- ✓ Residents are seeing significant improvements in areas of transportation, per the 600 respondents to the survey.
- ✓ He added that three things which account for higher ratings are:
  - Reduced commute time by 3 minutes compared to three years ago (2016).
  - Overall improved performance of a variety of transportation initiatives (56% 2019; 51% 2016; 43% 2015).
  - News media has a more positive tone in terms of coverage of what is being done versus negative coverage.
- ✓ He noted people who drive to work each day regard a 36-minute commute time as acceptable, which is an overall improvement about how people feel about transportation.
- ✓ The survey tracked awareness of the Authority and TransAction; with one in three people having heard about NVRTA and half of that about TransAction.
- ✓ Most of the positive ratings come from respondents who are aware of and follow the activities of the Authority.
- ✓ Dr. Allsop noted there is an 9-point increase in the positive awareness of NVRTA.
- ✓ The survey showed low-income groups and minorities who depend more on public transportation are among those rating the organization highly, which is a good indicator that the region is serving those who are most in need of transportation services.
- ✓ Fewer people cited transportation/congestion as a negative factor with others regard housing affordability and range of housing choices as impacting their quality of life.
- ✓ Factors which influence where people choose to live and work included low crime, affordability, commuting and access to good public transportation.
- ✓ Regarding whether the region was doing good or bad in terms of performance, there was a 43% to 68%. This is an indication that the performance across a number of initiatives is higher. For instance, affordable transportation was up by 8 points; using latest technology to increase efficiency was up by 5 points; new highways and road improvements was up 6 points and new public transportation was up 7 points.
- ✓ Trip/commute times and affordability were which could be improved.
- ✓ On the not so positive side, over 60% of feedback had to do with stories regarding Metro-WMATA.
- ✓ Traditional methods of how people are informed is changing noting; television and radio have declined and social media increased.
- ✓ How people perceive self-driving cars is changing with growing positive acceptance.

- ✓ When respondents were asked how they would like to fund future construction and maintenance of infrastructure, high on the list were incentives for people to use HOV lanes so there would not be the need to build more roads, plus vehicle tags/registration and variable pricing.
- ✓ Dr. Allsop noted the changing landscape in transportation options namely, a rise in the use of Uber; which increased by 50 points; use of Scooters rose by 17% and Zipcar was up 6 points as well as Bikeshare.
- ✓ The percentage of people who shop online weekly has also gone up.
- ✓ Chair Randall commended the overall positive feedback.
- ✓ Ms. Hynes ask if there was a lot of variability in responses depending on where people lived.
- ✓ Dr. Allsop responded that yes, there was a lot of variability involved.
- ✓ Mayor Parrish further noted that it would be good to track where these responses are going overtime and asked whether the people surveyed were spread throughout the region.
- ✓ In response, the Dr. Allsop confirmed that yes, the respondents were representative of the NOVA region, referring to the map in the presentation regarding respondents locations.
- ✓ Mayor Wood inquired whether the percentage of people who use HOV lanes has increased.
- ✓ Dr. Allsop responded that the overall feedback regarding HOV/Express lanes is positive but noted 21% negative feedback regarding the rise in tolls.
- ✓ Vice-Mayor Banks asked if the survey factored in income disparity.
- ✓ Dr. Allsop responded that no quotas are set for income representation but rather, quotas are set in terms of age, gender, ethnicity and geography to ensure the survey captures a good representation of income and associated demographics.
- ✓ Chairman McKay added that in looking at the demographics, he noticed that 16% of respondents were age 44 or younger and wished to know how seniors view the network.
- ✓ Dr. Allsop answered that the overall response for the age groups was standard but if there was anything outstanding, it would be noted in the results.
- ✓ Ms. Hynes inquired about the 'Influencers' as noted in the presentation.
- ✓ Dr. Allsop responded that they are people who are seriously interested in transportation issues and care so much that they are constantly following closely and keeping themselves and others informed. They could be supporters or opposers.
- ✓ Chair Randall asked if the origin/destination graphic produced as part of TransAction, could be overlaid with slide 24, which is about factors influencing where people wish to live/work. She noted that where people want to live/work is connected to the amenities that they wish to have.

- ✓ Chair Randall also wanted to know whether there were any specific questions about tolling.
- ✓ Dr. Allsop responded that there was a question about tolling with the majority of people saying it was important but at the same time, the least important in comparison to other initiatives in the region.
- ✓ Chair Randall further inquired whether there was any question about slug lines/ridesharing.
- ✓ Dr. Allsop responded that there was a question about broader initiatives about improvements/performance of projects in the region.
- ✓ Chair Randall asked whether the question had to do with transit and what people want to see regarding the transit network, adding that it will be helpful to share this data with the Northern Virginia Transportation Commission.
- ✓ Mr. Jasper noted that moving forward, this information is complementary to TransAction, and will be key to the update of the plan.

**V. Approval of the Public Hearing Date and Public Comment Period for the FY2020-2025 Six Year Program Update** Ms. Backmon, Executive Director  
*Recommended action: Approval of Public Hearing Date and Public Comment Period*

- ✓ Ms. Backmon informed the Authority that the update of the SYP is for fiscal years 2020 through 2025.
- ✓ She also requested approval of the Public Hearing Date and Public Comment period.
- ✓ She noted that the Authority's April meeting date is the third Thursday of the month instead of the second Thursday, due to Spring Break and Passover.
- ✓ She requested the candidate project list and supplemental materials be released on March 13<sup>th</sup>, noting that the public will be able to provide comments on-line in addition to the Public Hearing.
- ✓ Ms. Backmon added that General Assembly requirement of a joint public meeting with the Authority, VRE, NVTC and the CTB, is in the process of being scheduled.
- ✓ As proposed, the Open House will start at 5:30pm, and the Public Hearing presentation will begin at 7:00pm.
- ✓ Chair Randall noted uncertainty regarding the availability of most Authority members to attend the April meeting due to local government budget hearings.
- ✓ Chair Randall added that a more feasible date for the Public Hearing is May 14<sup>th</sup>, which is the regularly scheduled Authority meeting date.
- ✓ Ms. Backmon stated that if the Public Hearing is May 14<sup>th</sup>, the public comment period could start on April 17<sup>th</sup> and end on May 24<sup>th</sup> at midnight.

Mayor Parrish moved May 14<sup>th</sup> as the Public Hearing date, with the Public Comment period beginning on April 17<sup>th</sup> and ending on May 24<sup>th</sup>, 2020, for the FY2020-FY2025 Six Year Program; seconded by Mayor Wilson. Motion passed unanimously.

**VI. FY2020 Regional Revenue Fund Appropriation Cancellation for Fairfax County Parkway Widening** Mr. Longhi, CFO  
*Recommended action: Approval of De-appropriation*

- ✓ Mr. Longhi presented the cancellation request from Fairfax County, for the Fairfax County Parkway Widening Project, noting that the cancellation of the appropriation enables the County to maintain compliance with Policy 29.
- ✓ He stated that this action does not change the project's status as an adopted project in the Authority's FY2018-2023 Six Year Program.

Chairman McKay moved the Authority cancel the FY2020 \$67 million appropriation for the Fairfax County Widening from Ox Road to Lee Highway Widening Project, reclassifying funds in the Regional Revenue Fund from appropriated to restricted; seconded by Mayor Meyer. Motion passed unanimously.

**VII. Approval of FY2026 Congestion Mitigation and Air Quality (CMAQ) and Regional Surface Transportation Program (RSTP) Recommendations to the Commonwealth Transportation Board** MS. Backmon, Executive Director  
*Recommended action: Approval of the CMAQ/RSTP Recommendations*

- ✓ Ms. Backmon noted that a total of 33 CMAQ/RSTP applications were received for this programming cycle.
- ✓ The estimated available funding is \$77 million for FY2026.
- ✓ Once approved by the Authority, the recommended projects will be forwarded to the Commonwealth Transportation Board (CTB) for final approval.

Councilmember Snyder moved Authority approval of the recommended list of projects to the Commonwealth Transportation Board for FY2026 CMAQ and RSTP funding; seconded by Chairman McKay. Motion passed unanimously.

**VIII. Request for NVTa Letter of Support for INFRA Grant for DRPT, Prince William and Fairfax Counties** Ms. Backmon, Executive Director  
*Recommended action: Approval of NVTa Letters of Support for INFRA Grant*

- ✓ Ms. Backmon informed the Authority about requests for NVTa letters of support received for three INFRA Grant Applications.

- ✓ the Department of Rail and Public Transportation (DRPT), Fairfax and Prince William Counties requested letters of support.
- ✓ Prince William County requested a letter of support for the Route 15 Improvements with Railroad Overpass Project.
- ✓ DRPT requested a letter of support for the Long Bridge Expansion Project.
- ✓ Fairfax County requested a letter of support for the Richmond Highway Widening Project (Mount Vernon Memorial Highway to Sherwood Hall Lane).
- ✓ These projects are in TransAction, the region's long range transportation plan, and the provision of these letters is consistent with NVTa's Strategic Plan Goal to actively seek federal funds for projects.

Chair Wheeler moved Authority endorsement of Prince William County's INFRA Discretionary Grant applications for the Route 15 Improvements with Railroad Overpass Project, DRPT's Long Bridge Expansion Project and Fairfax County's Richmond Highway Project, for the INFRA Discretionary Grant Program funding; seconded by Chairman McKay. Motion passed unanimously.

### **Discussion/Information**

#### **IX. Governance and Personnel Committee**

##### **A. 2020 Legislative Update**

Chair Randall

Ms. Baynard, McGuireWoods  
Consulting, LLC

- ✓ Chair Randall introduced Ms. Baynard commenting on what a phenomenal job she's been doing with providing General Assembly updates regarding the ongoing legislative session and invited her to proceed with the legislative update to the Authority.
- ✓ Ms. Baynard noted that there were two main bills in the process:
  - The Governor's Omnibus Bill (HB 1414) which would provide \$30 million to the Authority in funding restoration;
  - Delegate Watt's Bill (HB 729) which would provide \$70 million to the Authority which includes the \$30 million in HB 1414 and \$40 million from State revenues.
- ✓ Chair Randall inquired whether Delegate Watt's bill includes funding to the Authority as provided in the I-81 bill.
- ✓ Ms. Baynard responded no, stating that the funding from the I-81 bill will result in a total restoration of \$90 million to the Authority.
- ✓ She stated that the goal is to get the provisions of Delegate Watt's bill inserted into the Governor's Omnibus Bill.
- ✓ Chair Randall asked if protective language would be part of the Bill.
- ✓ Ms. Baynard responded that for now, the Speaker's goal is to focus on funding, noting that the issue of protective language could be incorporated at a later time.
- ✓ She added that the protective language is not only about the Authority, adding that regions like Hampton Roads, Central Virginia and I-81, could build a coalition to seek protective language to safeguard the regional funds.



- ✓ Councilmember Snyder inquired about the safety provisions in the Bill.
- ✓ Ms. Baynard responded that the safety provisions advanced by the House and Senate include the following:
  - Lower speed limit in some commercial and local areas
  - Open alcohol container
  - A hand-held bill (could be standalone)
  - A seatbelt bill (could be standalone)
- ✓ Chairman McKay thanked Ms. Baynard for her update stating he supports HB 729 but noted that the bill does not have a lot of the elements of the Omnibus Bill.
- ✓ Chair Randall strongly encouraged the Authority to support Delegate Watt's bill, noting that members should contact their Delegates and Senators communicating their support.
- ✓ Chair Randall noted that a letter of support signed by herself and Mayor Parrish, will be sent to the delegation on behalf of the Authority.
- ✓ Chairman McKay noted several discussions with Senator Barker and proposed that the letter of support not preclude a potential budget amendment that would make the Authority whole.

**X. Finance Committee Report**

Mayor Parrish, Chair

- ✓ Mayor Parrish updated the Authority on the upcoming Finance Committee meeting noting the indepth discussions regarding budget guidance and investments.

**A. Investment Portfolio Report**

Mr. Longhi, CFO

No verbal report given.

**B. Monthly Revenue Report**

Mr. Longhi, CFO

No verbal report given.

**C. Operating Budget Report**

No verbal report given.

**XI. Executive Director's Report**

Ms. Backmon, Executive Director

- ✓ Ms. Backmon reminded the Authority about the upcoming ITS/NVTA Roundtable event on March 11<sup>th</sup> 2020.  
She informed the Authority that attendance for the event is free for Authority members and encourage members to contact her if interested in attending.

**XII. Chair's Comments**

- ✓ Chair Randall asked Authority members to identify a designee who would attend Authority meetings in the event the member is unable to attend, and to send the information to Ms. Backmon.

**XIII. Adjournment:** Meeting adjourned at 8:28pm.

**Correspondence**

**Next Meeting: March 12, 2020 at 7:00pm**  
NVT A Offices

## NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

MEMORANDUM

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

**FROM:** Monica Backmon, Executive Director

**DATE:** March 5, 2020

**SUBJECT:** Authorize March 13<sup>th</sup> as the Release of the List of Candidate Projects for the FY 2020-2025 Six Year Program and Related Information for Public Comment

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- 1. Purpose.** To seek Northern Virginia Transportation Authority (NVTa) authorization to release the List of Candidate Projects for the FY 2020-2025 Six Year Program and Related Information for Public Comment. The public is invited to provide comments on these projects during the public comment period, from Friday, March 13, 2020 to midnight on Sunday, May 24, 2020.
- 2. Suggested Motion:** *I move Authority authorization of the revised date of March 13<sup>th</sup> for the release of the candidate list of projects under funding consideration, for the FY 2020-2025 Six Year Program and Related Information for Public Comment.*
- 3. Discussion.** At its February 13, 2020 meeting, the Authority approved May 14, 2020 as the date of the Public Hearing for the FY 2020-2025 Six Year Program, with a public comment period starting on April 17, 2020 and ending on May 24, 2020. This, however, is predicated on the Authority authorizing the release of the list of candidate projects at its meeting on April 16, 2020. In practice, NVTa staff is ready to release the list on March 13, subject to Authority action. By releasing the project list in March instead of April, the public comment period will be extended by one month on the front end.
- 4. Information to be Released.** The information to be released will be posted to the NVTa website at <https://thenovaauthority.org/fy2024-2025-six-year-program-update/> on March 13, 2020, and will also be available for review at the NVTa offices during normal business hours throughout the public comment period. While we are seeking public comment and feedback on the 41 projects, project funding recommendations for the Six Year Program will not be made until after the conclusion of the public comment period. Consequently, the information to be released (see attachments) is intended to provide the public with sufficient information to describe all the candidate regional transportation projects and their relative performance, including:
  - a.** Project list and map;

- b. Summary of quantitative and qualitative analysis, including project ratings and associated ranks; and
- c. Individual project description forms (not included as attachment but available at Authority meeting).

**5. Public Comment Solicitation.** The primary methods to make public comments are noted below:

- a. Email: [SYPcomment@TheNoVaAuthority.org](mailto:SYPcomment@TheNoVaAuthority.org)
- b. Online: [www.TheNoVaAuthority.org/SYP-comment](http://www.TheNoVaAuthority.org/SYP-comment)
- c. Mail – written comments may be mailed or hand-delivered to NVTA but must be delivered (not postmarked) during the public comment period: Northern Virginia Transportation Authority, 3040 Williams Drive, Suite 200, Fairfax, VA 22031
- d. In-person: NVTA’s Public Hearing on May 14, 2020, beginning with a presentation at 7:00pm

All comments received will be treated with equal weight, regardless of the method by which they are made. Identical comments made in duplicate, e.g. via testimony and by email, will only be considered as a single comment.

**6. Public Engagement Opportunities.** In addition to the NVTA Open House (beginning at 5:30pm) and Public Hearing previously approved for May 14, 2020, NVTA staff will support optional local jurisdiction briefings and Town Hall meetings scheduled during the public comment period, subject to availability. Planned briefings have been scheduled as follows:

- a. March 17, 2020: Town of Dumfries
- b. March 23, 2020; City of Falls Church
- c. April 2, 2020; Arlington County Transportation Commission

Other briefings may be added, at the sole discretion of each governing body.

**7. Next steps.** Following the conclusion of the public comment period, NVTA staff will summarize all comments and share with the Planning and Programming Committee, Planning Coordination Advisory Committee, Technical Advisory Committee and the Regional Jurisdictional and Agency Committee and present recommendations regarding projects to be included in the Six Year Program, and associated project funding levels. July 9, 2020 is the anticipated adoption date of the FY2020-2025 Six Year Program, subject to clarification of the Authority’s future revenue streams.

**Attachments:**

Attachment 1: FY 2020-2025 Six Year Program Project List

Attachment 2: FY 2020-2025 Six Year Program Candidate Project Map

Attachment 3: FY2020-2025 Six Year Program Preliminary Quantitative and Qualitative Evaluations

Northern Virginia Transportation Authority  
Summary of FY2020-2025 Six Year Program Candidate Projects

3/4/2020

#	Application Number	Jurisdiction / Agency	Project	Local Priority	Fund request	Previous NVTA funds	Other committed funds	Total project cost	Funding gap excluding NVTA request	Phases for which funds are requested	Phases for which there is still a funding gap	Primary and supporting modal components
1	ARL-019	Arlington Co	<a href="#">Ballston-MU Metrorail Station West Entrance</a>	1	\$ 33,510,000	\$ 12,000,000	\$ 50,957,000	\$ 130,000,000	\$ 33,533,000	CN	CN	
2	ARL-014	Arlington Co	<a href="#">CC2DCA Intermodal Connector: From Crystal City to Ronald Reagan Washington National Airport</a>	2	\$ 18,000,000	\$ -	\$ 18,177,000	\$ 36,177,000	\$ -	PE, CN		
3	ARL-015	Arlington Co	<a href="#">Rosslyn Multimodal Network Improvements</a>	3	\$ 11,874,000	\$ -	\$ -	\$ 11,874,000	\$ -	PE, ROW, CN		
4	ARL-017	Arlington Co	<a href="#">Arlington National Cemetery Wall Trail</a>	4	\$ 2,000,000	\$ -	\$ 160,000	\$ 2,160,000	\$ -	Study, PE		
5	FFX-108	Fairfax Co	<a href="#">Richmond Highway Widening From Route 235 North to Route 235 South</a>	1	\$ 183,700,000	\$ 128,000,000	\$ 60,300,000	\$ 372,000,000	\$ -	ROW, CN		
6	FFX-098	Fairfax Co	<a href="#">Richmond Highway (Route 1) BRT</a>	2	\$ 71,000,000	\$ 250,000,000	\$ 111,000,000	\$ 730,000,000	\$ 298,000,000	PE, ROW, CN	ROW, CN	
7	FFX-112	Fairfax Co	<a href="#">Rolling Road Widening from Hunter Village Drive to Old Keene Mill Road</a>	3	\$ 27,700,000	\$ 16,111,000	\$ 35,154,765	\$ 78,965,765	\$ -	PE, ROW, CN		
8	FFX-106	Fairfax Co	<a href="#">Soapstone Drive Extension: Sunset Hills Road to Sunrise Valley Drive</a>	4	\$ 69,000,000	\$ -	\$ 145,000,000	\$ 214,000,000	\$ -	PE, ROW, CN		
9	FFX-101	Fairfax Co	<a href="#">Fairfax County Parkway Widening: Lee Highway (Route 29) to Nomes Court</a>	5	\$ 37,400,000	\$ 60,430,000	\$ 10,330,624	\$ 108,160,624	\$ -	PE, ROW, CN		
10	FFX-104	Fairfax Co	<a href="#">Braddock Road Corridor and Intersection Improvements: Guinea Road to Ravensworth Road</a>	6	\$ 79,000,000	\$ -	\$ 7,283,356	\$ 86,283,356	\$ -	PE, ROW, CN		
11	FFX-103	Fairfax Co	<a href="#">Frontier Drive Extension and Intersection Improvements</a>	7	\$ 105,000,000	\$ 27,000,000	\$ 8,000,000	\$ 140,000,000	\$ -	ROW, CN		
12	FFX-114	Fairfax Co	<a href="#">Seven Corners Ring Road Improvements</a>	8	\$ 94,800,000	\$ -	\$ -	\$ 94,800,000	\$ -	PE, ROW, CN		
13	LDN-016	Loudoun Co	<a href="#">Construct Crosstrail Boulevard (Route 653): Sycolin Road to Dulles Greenway (Route 267)</a>	1	\$ 36,700,000	\$ -	\$ 6,240,000	\$ 42,940,000	\$ -	CN		
14	LDN-017	Loudoun Co	<a href="#">Belmont Ridge Road Widening: Shreveport Drive to Evergreen Mills Road (Route 621)</a>	2	\$ 11,899,000	\$ -	\$ 12,411,000	\$ 24,310,000	\$ -	CN		
15	LDN-018	Loudoun Co	<a href="#">Braddock Road Widening from Paul VI H.S. to Bull Run Office Post Office Road</a>	3	\$ 30,000,000	\$ -	\$ 30,000,000	\$ 60,000,000	\$ -	PE, ROW, CN		
16	LDN-019	Loudoun Co	<a href="#">Evergreen Mills Road Widening from Northstar Boulevard to Stone Springs Boulevard</a>	4	\$ 18,000,000	\$ -	\$ 17,500,000	\$ 35,500,000	\$ -	PE, ROW, CN		
17	PWC-015	Prince William Co	<a href="#">Construct Route 28 Corridor Roadway Improvements</a>	1	\$ 50,000,000	\$ 95,000,000	\$ -	\$ 306,000,000	\$ 161,000,000	CN	ROW, CN	
18	PWC-016	Prince William Co	<a href="#">Summit School Road Extension and Telegraph Road Widening</a>	2	\$ 24,000,000	\$ 11,000,000	\$ -	\$ 35,000,000	\$ -	CN		
19	PWC-018	Prince William Co	<a href="#">Devlin Road Widening: Linton Hall Road to Relocated Balls Ford Road (Wellington Road)</a>	3	\$ 6,800,000	\$ -	\$ -	\$ 48,800,000	\$ 42,000,000	PE	ROW, CN	
20	PWC-023	Prince William Co	<a href="#">University Boulevard Extension: Devlin Road to Wellington Road</a>	4	\$ 26,500,000	\$ -	\$ 16,500,000	\$ 43,000,000	\$ -	CN		
21	PWC-024	Prince William Co	<a href="#">North Woodbridge Mobility Improvements</a>	5	\$ 8,000,000	\$ -	\$ 300,000	\$ 8,300,000	\$ -	PE, ROW, CN		
22	PWC-019	Prince William Co	<a href="#">Route 234 and Sudley Manor Drive Interchange</a>	6	\$ 10,000,000	\$ -	\$ -	\$ 150,000,000	\$ 140,000,000	PE	ROW, CN	
23	PWC-017	Prince William Co	<a href="#">Prince William Parkway at Clover Hill Road Innovative Intersection</a>	7	\$ 11,000,000	\$ 1,900,000	\$ -	\$ 12,900,000	\$ -	CN		
24	PWC-020	Prince William Co	<a href="#">Prince William Parkway at Old Bridge Road Intersection Improvements</a>	8	\$ 30,000,000	\$ -	\$ -	\$ 30,000,000	\$ -	PE, ROW, CN		
25	PWC-022	Prince William Co	<a href="#">Wellington Road Widening: University Boulevard to Devlin Road</a>	9	\$ 6,000,000	\$ -	\$ -	\$ 51,500,000	\$ 45,500,000	PE	ROW, CN	
26	PWC-025	Prince William Co	<a href="#">Van Buren Road North Extension: Route 234 to Cardinal Drive</a>	10	\$ 8,000,000	\$ -	\$ -	\$ 80,000,000	\$ 72,000,000	PE	ROW, CN	
27	ALX-014	City of Alexandria	<a href="#">Alexandria Duke Street Transitway</a>	1	\$ 75,000,000	\$ 12,000,000	\$ 555,000	\$ 87,555,000	\$ -	ROW, CN, Asset Acq		
28	CFX-010	City of Fairfax	<a href="#">Intersection Improvements at Eaton Place/Chain Bridge Road</a>	1	\$ 11,600,000	\$ 10,750,000	\$ -	\$ 22,380,000	\$ 30,000	CN	CN	
29	CFX-011	City of Fairfax	<a href="#">Old Lee Highway Multimodal Improvements</a>	2	\$ 8,000,000	\$ 5,000,000	\$ 9,000,000	\$ 25,000,000	\$ 3,000,000	CN	CN	
30	CFX-014	City of Fairfax	<a href="#">Government Center Parkway Extension</a>	3	\$ 3,540,000	\$ -	\$ 3,960,181	\$ 7,500,181	\$ -	ROW, CN		
31	CFX-013	City of Fairfax	<a href="#">Roadway Network Northfax West</a>	4	\$ 2,400,000	\$ 2,500,000	\$ 2,437,000	\$ 9,600,000	\$ 2,263,000	ROW, CN	ROW	
32	CFX-015	City of Fairfax	<a href="#">Jermantown Road/Route 29 Intersection Improvements</a>	5	\$ 700,000	\$ -	\$ -	\$ 1,400,000	\$ 700,000	PE, ROW, CN	PE, ROW, CN	
33	CFC-006	City of Falls Church	<a href="#">West Falls Church Access to Transit and Multimodal Connectivity</a>	1	\$ 6,900,000	\$ -	\$ -	\$ 6,900,000	\$ -	PE, ROW, CN		
34	CFC-005	City of Falls Church	<a href="#">Downtown Falls Church Multimodal Improvements</a>	2	\$ 8,300,000	\$ -	\$ 2,240,000	\$ 10,540,000	\$ -	ROW, CN		
35	DMF-003	Town of Dumfries	<a href="#">Widen/Relocate Route 1: Brady's Hill Road to Dumfries Road (Route 234)</a>	1	\$ 78,000,000	\$ 51,760,000	\$ -	\$ 129,760,000	\$ -	CN		
36	LEE-008	Town of Leesburg	<a href="#">Interchange Improvements at Route 15 Leesburg Bypass and Edwards Ferry Road</a>	1	\$ 116,564,678	\$ 7,400,000	\$ 3,835,322	\$ 127,800,000	\$ -	ROW, CN		
37	VIE-003	Town of Vienna	<a href="#">Vienna Regional Bikesharing</a>	2	\$ 282,400	\$ -	\$ -	\$ 282,400	\$ -	PE, CN, Asset Acq		
38	VRE-011	VRE	<a href="#">VRE Crystal City Station Improvements</a>	1	\$ 15,800,000	\$ 4,400,000	\$ 29,740,000	\$ 49,940,000	\$ -	CN		
39	VRE-013	VRE	<a href="#">VRE Woodbridge Station Improvements</a>	2	\$ 2,210,000	\$ -	\$ 3,200,000	\$ 29,710,000	\$ 24,300,000	PE	CN	
40	NOV-002	NOVA Parks	<a href="#">Arlington W&amp;OD Trail Enhancements</a>	1	\$ 5,646,000	\$ -	\$ -	\$ 5,646,000	\$ -	PE, CN		
41	RPT-002	DRPT	<a href="#">Franconia-Springfield Passenger Rail Bypass</a>	1	\$ 100,000,000	\$ -	\$ 234,223,132	\$ 334,223,132	\$ -	CN		
			TOTAL		\$ 1,444,826,078	\$ 695,251,000	\$ 818,504,380	\$ 3,780,907,458	\$ 822,326,000			

Modal Components

- New or improved roadway capacity and/or alignment
- New or improved intersection/interchange
- Improvement/access to Metrorail/VRE commuter rail
- New or improved bus/BRT facility
- New or improved bicycle facility
- New or improved pedestrian facility

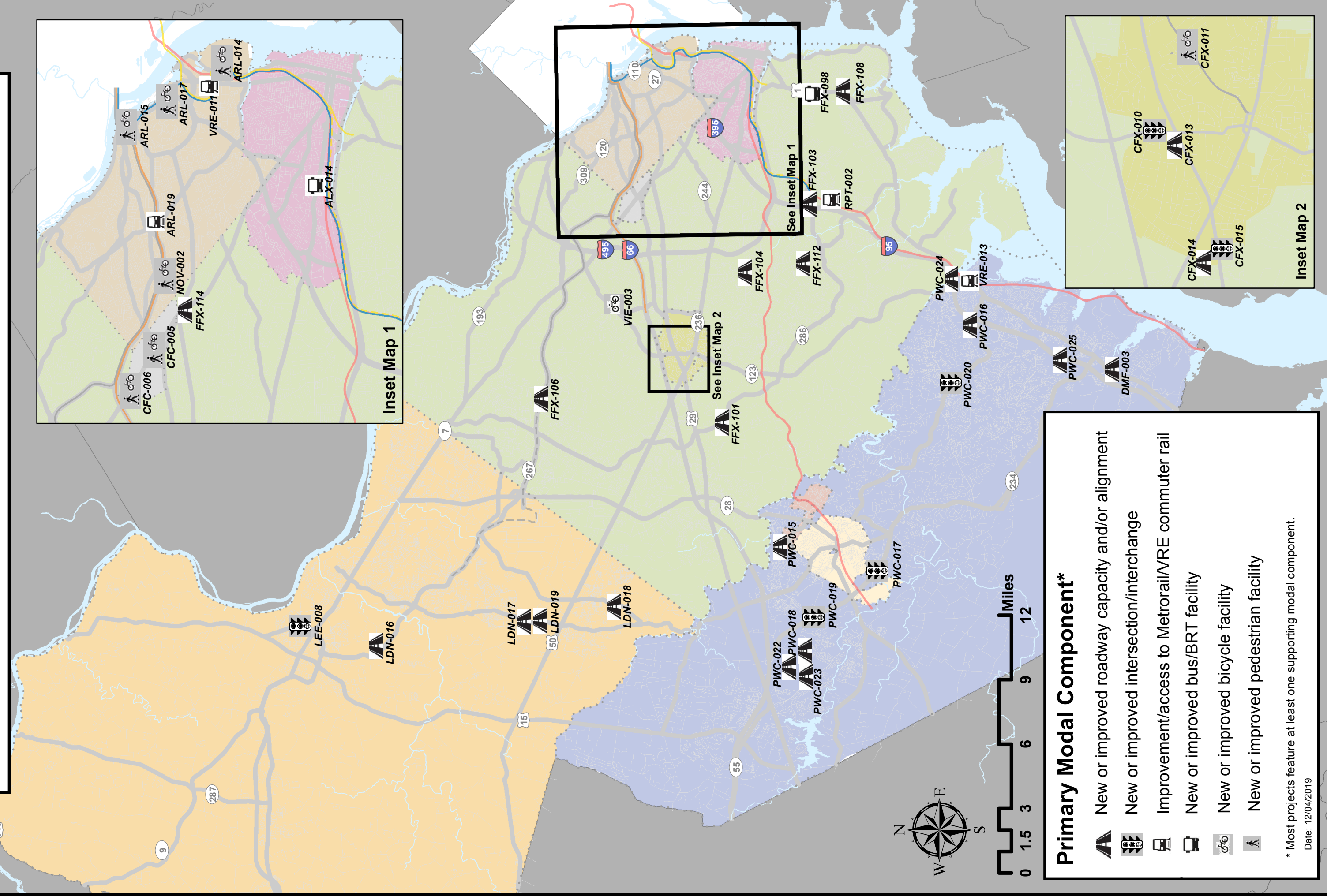
First symbol reflects the primary modal component, other symbols denote supporting modal components

Phases

- \$ 19,963,521 0.53%
- PE Design/Engineering/Environmental
- ROW Right of Way/Utilities
- CN Construction
- Asset Acq Asset Acquisition



# FY2020-2025 Six Year Program Candidate Projects













Application ID#	Jurisdiction / Agency	Project	Primary and supporting modal components	Fund request	Cumulative REQUEST	Total project cost	Supporting resolutions from other jurisdiction/ agency board/ council	Phases for which funds are requested	Funding gap and phases for which there is still a funding gap	Local priority	External funds	Past performance (% of expected funds reimbursed by FY2020 Q2)		Past performance (% of allocated funds reimbursed by FY2020 Q2)		Reimbursement request to active SPA ratio (FY2020 Q2)		First fiscal year of expected drawdown	Year of opening	Long Term Benefit	Other	TransAction project rating (incl. HB 599)	TransAction project rating rank (incl. HB 599)	CRRC rating (Reduction in annual person hours of delay / Total project cost in \$1000's)	CRRC rank
												Continuation Projects	Jurisdiction/ Agency	Continuation Projects	Jurisdiction/ Agency	Continuation Projects	Jurisdiction/ Agency								
CFX-015	City of Fairfax	Jermantown Road/Route 29 Intersection Improvements	🚶 🚲	\$ 700,000	\$ 700,000	\$ 1,400,000	NVTC	PE, ROW, CN	PE, ROW, CN													54.31	29	395.72	1
CFX-014	City of Fairfax	Government Center Parkway Extension	🚶 🚲	\$ 3,540,000	\$ 4,240,000	\$ 7,500,181	FFX, NVTC	ROW, CN														53.25	32	166.47	2
PWC-024	Prince William Co	North Woodbridge Mobility Improvements	🚶 🚲	\$ 8,000,000	\$ 12,240,000	\$ 8,300,000	FFX	PE, ROW, CN														59.60	9	133.20	3
FFX-101	Fairfax Co	Fairfax County Parkway Widening: Lee Highway (Route 29) to Nomes Court*	🚶 🚲	\$ 37,400,000	\$ 49,640,000	\$ 108,160,624		PE, ROW, CN														82.96	2	133.01	4
DMF-003	Town of Dumfries	Widen/Relocate Route 1: Brady's Hill Road to Dumfries Road (Route 234)*	🚶 🚲	\$ 78,000,000	\$ 127,640,000	\$ 129,760,000	PWC	CN														63.64	6	59.05	5
PWC-017	Prince William Co	Prince William Parkway at Clover Hill Road Innovative Intersection*	🚶 🚶 🚶	\$ 11,000,000	\$ 138,640,000	\$ 12,900,000		CN														55.06	26	54.14	6
FFX-112	Fairfax Co	Rolling Road Widening from Hunter Village Drive to Old Keene Mill Road*	🚶 🚶 🚶	\$ 27,700,000	\$ 166,340,000	\$ 78,965,765		PE, ROW, CN														57.23	20	49.95	7
CFX-010	City of Fairfax	Intersection Improvements at Eaton Place/Chain Bridge Road*	🚶 🚶	\$ 11,600,000	\$ 177,940,000	\$ 22,380,000	NVTC	CN	CN													58.13	14	39.42	8
ALX-014	City of Alexandria	Alexandria Duke Street Transitway*	🚶 🚶	\$ 75,000,000	\$ 252,940,000	\$ 87,555,000	NVTC, WMATA	ROW, CN, Asset Acq													Note A	65.03	5	38.98	9
PWC-016	Prince William Co	Summit School Road Extension and Telegraph Road Widening*	🚶 🚶 🚶	\$ 24,000,000	\$ 276,940,000	\$ 35,000,000		CN														63.06	7	37.08	10
CFX-011	City of Fairfax	Old Lee Highway Multimodal Improvements*	🚶 🚲 🚶	\$ 8,000,000	\$ 284,940,000	\$ 25,000,000	NVTC	CN	CN													58.22	13	32.96	11
PWC-015	Prince William Co	Construct Route 28 Corridor Roadway Improvements*	🚶 🚶	\$ 50,000,000	\$ 334,940,000	\$ 306,000,000	FFX, CMA, CMP	CN	ROW, CN													72.96	4	30.26	12
LDN-016	Loudoun Co	Construct Crosstrail Boulevard (Route 653): Sycolin Road to Dulles Greenway (Route 267)	🚶 🚶	\$ 36,700,000	\$ 371,640,000	\$ 42,940,000		CN														50.48	40	29.39	13
ARL-015	Arlington Co	Rosslyn Multimodal Network Improvements	🚶 🚶	\$ 11,874,000	\$ 383,514,000	\$ 11,874,000		PE, ROW, CN														58.51	12	28.78	14
LDN-019	Loudoun Co	Evergreen Mills Road Widening from Northstar Boulevard to Stone Springs Boulevard	🚶 🚶	\$ 18,000,000	\$ 401,514,000	\$ 35,500,000		PE, ROW, CN														53.05	35	25.41	15
VRE-011	VRE	VRE Crystal City Station Improvements*	🚶	\$ 15,800,000	\$ 417,314,000	\$ 49,940,000	ARL, NVTC, PRTC	CN														57.62	17	23.86	16
CFC-006	City of Falls Church	West Falls Church Access to Transit and Multimodal Connectivity	🚶	\$ 6,900,000	\$ 424,214,000	\$ 6,900,000	FFX, NOV	PE, ROW, CN														54.81	27	23.48	17
NOV-002	NOVA Parks	Arlington W&OD Trail Enhancements	🚶	\$ 5,646,000	\$ 429,860,000	\$ 5,646,000	ARL	PE, CN														53.16	34	23.35	18
CFC-005	City of Falls Church	Downtown Falls Church Multimodal Improvements	🚶	\$ 8,300,000	\$ 438,160,000	\$ 10,540,000		ROW, CN														56.18	24	20.78	19
FFX-098	Fairfax Co	Richmond Highway (Route 1) BRT*	🚶 🚶 🚶	\$ 71,000,000	\$ 509,160,000	\$ 730,000,000	PWC, NVTC, WMATA	PE, ROW, CN	ROW, CN												Note B	90.00	1	19.02	20
CFX-013	City of Fairfax	Roadway Network Northfax West*	🚶 🚶	\$ 2,400,000	\$ 511,560,000	\$ 9,600,000	NVTC	ROW, CN	ROW													57.73	16	17.50	21
VRE-013	VRE	VRE Woodbridge Station Improvements	🚶	\$ 2,210,000	\$ 513,770,000	\$ 29,710,000	PWC, NVTC, PRTC	PE	CN													58.67	11	14.63	22
PWC-025	Prince William Co	Van Buren Road North Extension: Route 234 to Cardinal Drive	🚶 🚶	\$ 8,000,000	\$ 521,770,000	\$ 80,000,000		PE	ROW, CN													54.06	30	14.19	23
RPT-002	DRPT	Franconia-Springfield Passenger Rail Bypass	🚶	\$ 100,000,000	\$ 621,770,000	\$ 334,223,132		CN														60.37	8	13.52	24
FFX-108	Fairfax Co	Richmond Highway Widening From Route 235 North to Route 235 South*	🚶 🚶 🚶	\$ 183,700,000	\$ 805,470,000	\$ 372,000,000	PWC, NVTC	ROW, CN													Note C	79.93	3	13.48	25
VIE-003	Town of Vienna	Vienna Regional Bikesharing	🚲	\$ 282,400	\$ 805,752,400	\$ 282,400	FFX	PE, CN, Asset Acq														51.28	39	11.24	26
PWC-018	Prince William Co	Devlin Road Widening: Linton Hall Road to Relocated Balls Ford Road	🚶 🚶 🚶	\$ 6,800,000	\$ 812,552,400	\$ 48,800,000		PE	ROW, CN													51.40	38	10.97	27
LDN-018	Loudoun Co	Braddock Road Widening from Paul VI H.S. to Bull Run Office Post Office Road	🚶 🚶	\$ 30,000,000	\$ 842,552,400	\$ 60,000,000		PE, ROW, CN														55.22	25	9.85	28
FFX-106	Fairfax Co	Soapstone Drive Extension: Sunset Hills Road to Sunrise Valley Drive	🚶 🚶 🚶	\$ 69,000,000	\$ 911,552,400	\$ 214,000,000		PE, ROW, CN														57.41	19	8.86	29
PWC-020	Prince William Co	Prince William Parkway at Old Bridge Road Intersection Improvements	🚶 🚶 🚶	\$ 30,000,000	\$ 941,552,400	\$ 30,000,000		PE, ROW, CN														52.08	37	8.43	30
LDN-017	Loudoun Co	Belmont Ridge Road Widening: Shreveport Drive to Evergreen Mills Road	🚶 🚶	\$ 11,899,000	\$ 953,451,400	\$ 24,310,000		CN														52.99	36	7.44	31
ARL-019	Arlington Co	Ballston-MU Metrorail Station West Entrance*	🚶	\$ 33,510,000	\$ 986,961,400	\$ 130,000,000	NVTC	CN	CN												Note D	57.22	21	7.33	32
FFX-103	Fairfax Co	Frontier Drive Extension and Intersection Improvements*	🚶 🚶 🚶 🚶	\$ 105,000,000	\$ 1,091,961,400	\$ 140,000,000	NVTC	ROW, CN														56.34	22	6.81	33
PWC-023	Prince William Co	University Boulevard Extension: Devlin Road to Wellington Road	🚶 🚶	\$ 26,500,000	\$ 1,118,461,400	\$ 43,000,000		CN														53.51	31	6.52	34
ARL-014	Arlington Co	CC2DCA Intermodal Connector: From Crystal City to Ronald Reagan Washington National Airport	🚶	\$ 18,000,000	\$ 1,136,461,400	\$ 36,177,000	NVTC	PE, CN														56.31	23	6.33	35
LEE-008	Town of Leesburg	Interchange Improvements at Route 15 Leesburg Bypass and Edwards Ferry Road*	🚶 🚶	\$ 116,564,678	\$ 1,253,026,078	\$ 127,800,000		ROW, CN														50.00	41	3.85	36
FFX-104	Fairfax Co	Braddock Road Corridor and Intersection Improvements: Guinea Road to Ravensworth Road	🚶 🚶 🚶	\$ 79,000,000	\$ 1,332,026,078	\$ 86,283,356		PE, ROW, CN														58.69	10	2.70	37
PWC-022	Prince William Co	Wellington Road Widening: University Boulevard to Devlin Road	🚶 🚶	\$ 6,000,000	\$ 1,338,026,078	\$ 51,500,000		PE	ROW, CN													53.24	33	2.01	38
ARL-017	Arlington Co	Arlington National Cemetery Wall Trail	🚶	\$ 2,000,000	\$ 1,340,026,078	\$ 18,000,000		PE	CN													57.44	18	1.58	39
PWC-019	Prince William Co	Route 234 and Sudley Manor Drive Interchange	🚶 🚶 🚶	\$ 10,000,000	\$ 1,350,026,078	\$ 150,000,000		PE	ROW, CN													57.94	15	1.07	40
FFX-114	Fairfax Co	Seven Corners Ring Road Improvements	🚶 🚶 🚶	\$ 94,800,000	\$ 1,444,826,078	\$ 94,800,000	CFC	PE, ROW, CN														54.51	28	0.36	41
41 applications13 applicants				TOTAL	\$ 1,444,826,078	\$ 1,444,826,078	Average performance of all applications															54.51	28	0.36	

\* Continuation project: This project has received NVTA funding in previous cycle(s)

Modal Components

-  New or improved pedestrian path/trail
-  New or improved bicycle lane/path
-  New or improved bus/BRT facility
-  Improvement/Access to Metrorail/VRE Commuter Rail
-  Access to Park-and-Ride facility
-  Transportation technology
-  New or improved intersection/interchange
-  New roadway capacity and/or alignment

First symbol reflects the primary modal component, other symbols denote supporting modal components

Notes

- A Future phase 2 will include dedicated transit lanes along the entirety of the corridor.
- B FFX-108 Richmond Highway Widening is a prerequisite for this project
- C Prerequisite for FFX-098 Richmond Highway BRT
- D Project cannot be implemented without WMATA's active involvement

Jurisdictions/ Agencies

- ARL Arlington Co
- FFX Fairfax Co
- LDN Loudoun Co
- PWC Prince William Co
- ALX City of Alexandria
- CFX City of Fairfax
- CFC City of Falls Church
- DMF Town of Dumfries
- LEE Town of Leesburg
- VIE Town of Vienna
- NOV NOVA Parks
- VRE Virginia Railway Express
- RPT VA Department of Rail and Public Transportation

- Very high
- High
- Medium
- Low
- Very low
- None

See definition below#	See definition below^	% drawn down of expected drawdown	% drawn down of expected drawdown	% drawn down of total allocation	% drawn down of total allocation	Ratio	Ratio					
None	Top 3	Very high	> 100%	> 100%	> 100%	> 100%	> 4	> 4	Prior to FY24	FY24-25	Less than	% share of revenue
Very low	Next 3	High	>80-100%	>80-100%	>80-100%	>80-100%	>3 to 4	>3 to 4	FY24	FY26-27		
Low	All others	Medium	>60-80%	>60-80%	>60-80%	>60-80%	>2 to 3	>2 to 3	FY25	FY28-29		
Medium		Low	>40-60%	>40-60%	>40-60%	>40-60%	>1 to 2	>1 to 2		FY30-31		Approx. equal to % share of revenue
High		Very low	>20-40%	>20-40%	>20-40%	>20-40%	>0 to 1	>0 to 1				
Very high		None	0-20%	0-20%	0-20%	0-20%	0	0			Greater than	% share of revenue
			N/A	N/A	N/A	N/A	N/A	N/A			N/A	
# Funding Gap	^ External Funds											
(Higher of % or \$)	(Higher of % or \$)											
Gap> 80% or >100M	Non-NVTA> 80% or >100M											
Gap=> 60-80% or >50-100M	Non-NVTA=> 60-80% or >50-100M											
Gap=> 40-60% or >10-50M	Non-NVTA=> 40-60% or >10-50M											
Gap=> 20-40% or >1-10M	Non-NVTA=> 20-40% or >1-10M											
Gap=> 0-20% or upto 1M	Non-NVTA=> 0-20% or upto 1M											
No gap	No external funds											

## NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

MEMORANDUM

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

**FROM:** Michael Longhi, Chief Financial Officer

**DATE:** March 5, 2020

**SUBJECT:** Proposed FY2021 Regional Revenue Fund Budget

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1. **Purpose:** To seek the Northern Virginia Transportation Authority (NVTa) adoption of the Proposed FY2021 Regional Revenue Fund Budget as recommended by the Finance Committee.
2. **Suggested Motion:** *I move Authority adoption of the Proposed FY2021 Regional Revenue Fund Budget, as presented in Attachment 1.*
3. **Background:**
  - a. Regional Revenues (70% funds) are largely programmed through the Authority's approval of specific projects in the Six Year Program (SYP) and subsequent updates, after all debt service and reserve funding obligations are met for a fiscal period.
  - b. Any unused funds from one fiscal year are accumulated as Restricted Fund Balance and will be available for the FY2024/25 update to the SYP.
  - c. Finance Committee guidance is to conservatively estimate revenues.
  - d. The PayGo amount for the SYP Update will need to be determined after the 2020 General Assembly (GA) concludes. The PayGo determination will require updated revenue estimates based on GA action.
  - e. The details of the Proposed FY2021 Regional Revenue Fund Budget are presented in Attachment 1.

**(ED. Note - The following report sections tie to the Notes Column on Attachment 1.)**

4. **Revenues:**
  - a. **Revenues** were adjusted for the 2018 legislative action to eliminate the Transient Occupancy Tax and Grantor's Tax as available revenue streams. Future updates will adjust revenue estimates for any 2020 General Assembly action as part of the future PayGo recommendation.
  - b. **Truck Registration and Road Use – (I-81)** estimates are based on actual FY2020 receipt trends not projections made by the Commonwealth. Updates to the estimates will be included in the PayGo recommendation.
  - c. **CoVa interest** is earned on funds while they are processed by the Commonwealth and before arriving at the Authority.



**d. Future Financing (if required due to cash flow.)**

- i. This budget category reflects the FY2021 Revenue Fund Appropriations for the inaugural SYP (Attachment 2). As part of that adoption, the Authority implemented a project funding strategy which relies on the strength of the Authority's Balance Sheet to advance the timing of project funding.
- ii. This strategy is saving the Authority approximately \$194 million compared to traditional project funding approaches.
- iii. The classification recognizes that if the majority of FY2019/23 SYP projects were to exceed their original cash flow projections, outside liquidity would need to be obtained.

**e. Investment Portfolio Earnings** reflects the NVTa portfolio interest earnings. Estimate is based on a month to month 10 basis point decline in portfolio earnings over the fiscal year as the portfolio return aligns with anticipated worse case market declines.

**5. Expenditures:** Prior to determining the funds available for projects, the annual debt service payment and reserve amounts must be budgeted. No additions to the reserves are required from the proposed FY2021 budget.

- a. Debt service principal and interest.** Total debt service for FY2021 is \$5,548,450.
- b. TransAction Update (SYP/CRRC/LTB Tech Support).** This expense of \$160,000 provides technical support for SYP Congestion Reduction Relative to Cost and Long-Term Benefit analysis.
- c. Six Year Program PayGo Project Funding.** This represents the appropriation of project funding for the Six Year Program, as detailed in Attachment 2.

**6. Transfers and Carryforward**

- a. Transfer Out to the Operating Fund.** Utilizing the authorization provided in SB1468 (2019), member jurisdictions are relieved from the obligation of funding the NVTa Operating Budget from their own revenues (typically their 30% Local Distribution Funds).
- b. Restricted Fund Balance - Carryforward to FY2024.** This amount reflects net positive variances in the Authority's revenue projections, interest earnings and released balances from completed or cancelled projects. It is based on FY2019 audited actual balances.
- c. Total Available for Project Assignments/FY2024 Carryforward.** This amount reflects net positive variance in the Regional Revenue Fund. It is an accumulator for funds to be available for projects as part of the FY2024/25 two-year update to the Six Year Program. Future updates will adjust revenue estimates for any 2020 General Assembly action as part of the future PayGo recommendation.

**7. Cumulative Regional Revenue Reserve Balances**

- a. Working Capital Reserve (WCR).** The WCR is required by the Authority's Debt Policy. The Authority took action in June 2017 to cap the Working Capital Reserve at \$120 million.
- b. Debt Service Reserve.** This reserve of \$5,551,000 was funded through bond proceeds and exists to protect NVTa's bondholders. It is required by the Authority's Debt Policy.

**Attachments:**

1. Proposed FY2021 Regional Revenue Fund Budget
2. FY2018 to FY2023 Six Year Program Appropriation Schedule

# Attachment 1

Northern Virginia Transportation Authority Proposed FY2021 Regional Revenue Fund Budget			
	Adopted FY2020 Budget	Proposed FY2021 Budget	Notes
<b><u>Revenue 70% Regional Funds</u></b>			
Sales Tax	\$ 186,092,475	\$ 191,857,379	4a
Truck Registration & Road Use	-	1,750,000	4b
Grantor's Tax	-	-	
CoVa Interest	243,956	257,900	4c
Bond Proceeds	-	-	
Future Financing (if required due to cash flow.)	383,052,841	(35,456,829)	4d
Investment Portfolio Earnings	10,000,000	10,500,000	4e
<b>Total Revenue</b>	<b>\$ 579,389,272</b>	<b>\$ 168,908,450</b>	
<b><u>Expenditures</u></b>			
Debt Service - Principal	\$ 2,730,000	\$ 2,865,000	5a
Debt Service - Interest	2,819,950	2,683,450	5a
Professional Services - Bond Issuance Costs			
TransAction Update (SYP/CRRC/LTB Tech Support)	3,650,000	160,000	5b
Six Year Program PayGo Project Funding	570,189,322	163,200,000	5c
<b>Total Expenditures / Six Year Program Commitments</b>	<b>\$ 579,389,272</b>	<b>\$ 168,908,450</b>	
<b><u>Transfers &amp; Carryforward</u></b>			
Transfer Out to Operating Fund	\$ (2,963,793)	\$ (2,769,220)	6a
Restricted Fund Balance - Carryforward to Six Year Program Update	12,857,991	38,438,712	6b
<b>Total Available for Project Assignments/FY2024 Carryforward</b>	<b>\$ 9,894,198</b>	<b>\$ 35,669,492</b>	6c
<b><u>Cumulative Regional Revenue Reserve Balances</u></b>			
Working Capital Reserve	\$ 120,000,000	\$ 120,000,000	7a
Debt Service Reserve (Held by Trustee)	5,551,000	5,551,000	7b
<b>Cumulative Reserve Balances</b>	<b>\$ 125,551,000</b>	<b>\$ 125,551,000</b>	

## Attachment 2

## NVTa FY2018 to FY2023 Six Year Program Appropriation Schedule (Update: 2/13/2020)

Project ID#	Jurisdiction / Agency	Project	Appropriated FY2019	Appropriated FY2020	Scheduled FY2021	Scheduled FY2022	Scheduled FY2023
2018-005-0	Arlington County	Intelligent Transportation System Improvements	10,000,000				
2018-004-0	Arlington County	Pentagon City Multimodal Connections and Transitway Extension		28,850,000			
2018-001-0	Arlington County	ART Operations and Maintenance Facilities	39,027,000				
2018-003-0	Arlington County	Crystal City Metrorail Station East Entrance & Intermodal connections		5,000,000			
2018-041-0	City of Alexandria	Alexandria ITS Projects		1,195,491			
2018-042-1	City of Alexandria	Alexandria Bus Network ITS	150,000				
2018-043-0	City of Alexandria	DASH Transit Service Enhancements and Expansion		11,933,161			
2018-040-1	City of Alexandria	West End Transitway: Northern Segment (Phase 1)			2,200,000		
2018-045-2	City of Alexandria	Alexandria Duke St Transitway		12,000,000			
2018-046-0	City of Fairfax	Jermantown Road Corridor Improvements Project	21,000,000				
2018-049-0	City of Fairfax	Roadway Network Northfax West	2,500,000				
2018-047-0	City of Fairfax	Intersection Improvements at Eaton Place/Chain Bridge Road				10,750,000	
2018-47-0	City of Fairfax	Old Lee Highway Multimodal Improvements Phase 1					5,000,000
2018-051-0	City of Falls Church	West Falls Church & Joint Campus Revitalization District Multimodal Transportation Project		15,700,000			
2018-017-0	Fairfax County	Rock Hill Road Bridge					20,604,670
2018-014-1	Fairfax County	Rolling Road Widening: Hunter Village Drive to Old Keene Mill Road		11,111,000			
2018-010-2	Fairfax County	Route 28 Widening: Route 29 to Prince William County Line			16,000,000		
2018-016-2	Fairfax County	Fairfax County Parkway Widening from Ox Road to Lee Highway w/separated interchange at Popes Head Rd					67,000,000
2018-007-0	Fairfax County	Richmond Highway Bus Rapid Transit - Phases I & II	250,000,000				
2018-006-1	Fairfax County	Route 1 Widening (Mount Vernon Memorial Highway to Napper Road)		127,000,000			
2018-012-0	Fairfax County	Richmond Highway (Route 1)/CSX Underpass Widening				12,000,000	
2018-009-1	Fairfax County	Frontier Drive Extension and Intersection Improvements#		25,000,000			
2018-024-0	Loudoun County	Route 28 Northbound Widening -between the Dulles Toll Road and Sterling Boulevard	20,000,000				
2018-021-0	Loudoun County	Route 15 Bypass Widening: Battlefield Parkway to Montresor Road			54,000,000		
2018-023-0	Loudoun County	Extend Shellhorn Road: Loudoun County Parkway (Route 607) to Randolph Drive (Route 1072)		16,000,000			
2018-022-0	Loudoun County	Northstar Boulevard - Shreveport Drive to Tall Cedars Parkway		64,805,000			
2018-026-0	Loudoun County	Prentice Drive Extension: Lockridge Road (Route 789) to Shellhorn Road (Route 643)		76,230,000			
2018-028-0	Loudoun County	Dulles West Boulevard Widening: Loudoun County Parkway to Northstar Boulevard	47,800,000				
2018-027-0	Loudoun County	Route 9 Traffic Calming	12,112,000				
2018-029-0	Loudoun County	Evergreen Mills Road Intersection Realignments - Watson Road and Reservoir Road	14,000,000				
2018-062-0	NOVA Parks	Falls Church Enhanced Regional Bike Routes (W&OD)	3,244,959				
2018-030-3	Prince William County	RT28 corridor improvements (Fitzwater Dr to Pennsylvania Ave)	15,000,000				
2018-039-0	Prince William County	Construct Interchange at Prince William Parkway and Clover Hill Road					1,900,000
2018-035-0	Prince William County	Construct Interchange at Prince William Parkway and University Boulevard	24,200,000				
2018-031-1	Prince William County	Route 28 Corridor Feasibility Study - Environmental Impact Statement (City of Manassas to Fairfax County)		3,500,000			
2018-032-1	Prince William County	Construct Route 28 Corridor Roadway Improvements			89,000,000		
2018-034-0	Prince William County	Construct Interchange at Route 234 and Brentsville Road	54,900,000				
2018-036-0	Prince William County	Summit School Rd Extension and Telegraph Rd Widening	11,000,000				
2018-053-1	Town of Dumfries	Widen Route 1 (Fraleigh Blvd) to six lanes between Brady's Hill Rd and Dumfries Rd (RT234)					44,860,000
2018-054-2	Town of Leesburg	Construct Interchange at Route 7 and Battlefield Parkway		25,000,000			
2018-056-0	Town of Leesburg	Construct Interchange at Route 15 Bypass and Battlefield Parkway			2,000,000		
2018-055-2	Town of Leesburg	Interchange Improvements at Route 15 Leesburg Bypass and Edwards Ferry Road#					5,400,000
2018-057-0	Town of Vienna	Mill St NE Parking Garage					2,300,000
2018-058-1	VRE	VRE Crystal City Station Improvements					4,000,000
Total by Fiscal Year			\$ 524,933,959	\$ 423,324,652	\$ 163,200,000	\$ 22,750,000	\$ 151,064,670
Cumulative by Fiscal Year			\$ 524,933,959	\$ 948,258,611	\$ 1,111,458,611	\$ 1,134,208,611	\$ 1,285,273,281

## NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

MEMORANDUM

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

**FROM:** Michael Longhi, Chief Financial Officer

**DATE:** March 5, 2020

**SUBJECT:** FY2021 Local Distribution Fund Budget (30%)

---

1. **Purpose:** To seek the Northern Virginia Transportation Authority (NVTa) adoption of the proposed FY2021 Local Distribution Fund Budget as recommended by the Finance Committee.
2. **Suggested Motion:** *I move the Authority adoption of the proposed FY2021 Local Distribution Fund Budget, as presented below.*
3. **Background:**
  - a. Local Distribution Fund (30%) revenues are distributed in their entirety to member jurisdictions in accord with revenues received from the Commonwealth.
  - b. Previous Finance Committee guidance is to conservatively estimate revenues.
  - c. Member jurisdictions will receive the amount of Local Distribution Funds they are entitled to based on the transactions within their jurisdiction.
  - d. Prior to the passage of SB1468 (2019), many member jurisdictions either netted their jurisdictional share of the NVTa Operating Budget from their 30% Local Distribution Funds received, or paid the obligations from those funds once received.
  - e. Beginning with FY2020, the Authority elected to charge the operating budget contribution to the Regional Revenue Fund which in turn resulted in an increased 30% distribution to member jurisdictions.
4. **Proposed Budget:** The table below shows the proposed FY2021 Local Distribution Fund Budget. Distributions to jurisdictions are based on the actual transactions conducted within the jurisdiction.

Northern Virginia Transportation Authority Proposed FY2021 Local Distribution Budget (30%)		
	Adopted FY2020 Budget	Proposed FY2021 Budget
<b>Carryforward</b>	\$ -	\$ -
<b><u>Revenue</u></b>		
Sales Tax	\$ 79,753,918	\$ 82,224,591
Truck Registration & Road Use	-	750,000
CoVa Interest	104,552	110,530
<b>Total Revenue</b>	<b>\$ 79,858,470</b>	<b>\$ 83,085,121</b>
<b><u>Expenditures</u></b>		
Distribution to Member Jurisdictions	\$ 79,858,470	\$ 83,085,121
<b>Total Expenditures</b>	<b>\$ 79,858,470</b>	<b>\$ 83,085,121</b>
<b>Budget Balance</b>	<b>\$ -</b>	<b>\$ -</b>

**5. Assumptions:**

- a. The Authority will continue to follow the Code of Virginia in the management of the Local Distribution Fund.
- b. Actual distributions to jurisdictions will be contingent on completion of the annual certification process and will be determined by the actual revenues received based on transactions within the jurisdiction (as reported by the Commonwealth).
- c. All prior fiscal year accruals and Commonwealth revenue adjustments of Local Distribution Fund revenues will be distributed to the appropriate jurisdiction in FY2021 in accord with the Code of Virginia.

## NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

MEMORANDUM

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

**FROM:** Michael Longhi, Chief Financial Officer

**DATE:** March 5, 2020

**SUBJECT:** Proposed FY2021 Operating Fund Budget

---

1. **Purpose:** To seek the Northern Virginia Transportation Authority (NVTa) adoption of the proposed FY2021 NVTa Operating Budget and proposed budget initiatives as recommended by the Finance Committee and outlined below.
2. **Suggested Motion:** *I move the Authority adoption of the proposed FY2021 Operating Budget as presented in Attachment 1.*

(ED. Note – The following **colored number** report sections tie to the Notes Column on Attachment 1.)

3. **FY2020 Operations Base Budget Changes:**

A. **Personnel Expenditures:**

1. **Salaries-Regular Pay:**

- Staff compensation changes will be based on the average annual increases adopted in NVTa member jurisdiction and agencies FY2021 budgets.
- Member jurisdictions have not finalized their FY2021 budgets, therefore, a 4% increase is proposed to be programmed in the base budget for estimation purposes.
- Maximum average annual performance increases will be consistent with member jurisdictions. An analysis will be undertaken once jurisdictions have passed their FY2021 Operating Budgets.

2. **Health & Dental Benefits:**

- NVTa's benefit rate increases/decreases are based on the experience (claims) of the Commonwealth's, The Local Choice, participant pool of approximately 60,000 employees, retirees and family members.
- NVTa is projected to receive a 4.8% increase in benefit premiums for FY2021. Premiums did not increase during FY2020.
- For FY2021, staff members may elect NVTa coverage changes during the open enrollment period. Any elections are unknown at this time and not budgeted.



**3. Retirement – Virginia Retirement System (VRS):**

- Based on NVTA's most recent VRS actuarial study, the FY2021 and FY2022 contribution rate is 7.50%.
- The VRS forward looking investment performance rate has been reduced. This reduction will lead to higher, but more predictable contribution rates.
- The Authority fully funds the annually required contribution for VRS each fiscal year.

**4. Life & Disability Insurance:**

- This insurance type is priced using salaries and age tiers, NVTA employees are moving into higher age tiers.

**B. Professional Service Changes:**

**5. Insurance:**

- NVTA's general liability, causality, cyber, officers and director's insurance renewal rates will not be available until after June 2020. The FY2021 base budget includes an estimated 5% increase above the FY2020 renewal.

**6. Public Outreach & Regional Event Support:**

- For FY2021, this line decreases by \$20,000 due to the one-time cost of the regional economic analysis being procured in FY2020. Contract escalations and projected inflationary increases of \$255 reduce the turnback on this line to \$19,745.

**7. Legal Services/Bond Counsel:**

- Bond Counsel is the only legal service currently obtained under this budget line.
- Based on prior experience, staff recommends a \$15,000 reduction in the budget.

**8. Financial Advisory Services:**

- Contract escalation of \$875.

**9. Legislative Services:**

- The current legislative service contract expires in FY2021. The current contract had no multi-year escalations, \$8,000 is added to the base budget in anticipation of a new multi-year contract.



## Technology/Communications:

### **10. General Ledger/Financial Reporting & Investment Monitoring/Management Systems:**

- On September 13, 2019, the Finance Committee recommended and the Authority approved a budget adjustment to transfer \$21,262 from the Operating Reserve to enable the implementation of portfolio management and monitoring services needed to pursue Direct (electronic) Purchases by adding a second Bloomberg Anywhere subscription and expanding the Inter-Continental Exchange (ICE) Best Ex Reporting Service Subscription.
- The FY2021 budget includes \$21,262 to replenish the FY2020 Operating Reserve.
- The annual ongoing costs of \$75,385 for the Bloomberg and ICE investment monitoring and management services has been included in the FY2021 budget.
- The \$12,716 is the net difference between the one time and on-going portfolio management expenses.
- The budget line also includes the annual costs for:
  - Black Mountain, the General Ledger/Financial Reporting System
  - Tracker, the Portfolio Management System.

**11. Hardware, Software & Peripheral Purchases:** Reduced \$5,600 for one-time purchases related to new staff in FY2020.

**12. IT Support Service & Hosting:** Contractual increase of \$921.

### **13. GIS/Project Monitoring & Management/Modeling:**

- The FY2020 Budget included onetime funds of \$140,000 for Phase 2 of the Project Implementation, Monitoring and Management System (PIMMS).
- The FY2021 budget reduction of \$122,613 for this line item reflects a baseline increase of \$10,232 related to contractual and inflationary increases for website and PIMMS maintenance, hosting and data storage.

**14. Phone Service:** Inflationary increase of \$420.

## **D. Administrative Expenses:**

**15. Duplication and Printing:** Reduction of \$2,030 due to renegotiation of copier lease.

**16. Furniture and Fixtures:** Elimination of one-time expenses (\$8,100) due to FY2020 staff increase.

**17. Hosted Meetings:** Increase of \$1,220 due to increased size and frequency of Authority and committee meetings.

- 18. Office Lease:** Decrease in lease cost of \$17,305, even with an increase of three offices, due to lease renegotiation. Without the lease renegotiation, FY2021 Lease costs would have increased \$38,500.

**E. Operating Reserve:**

- 19.** The NVTa Debt Policy requires a 20% Operating Reserve. Any changes in the base budget result in year-to-year changes in this reserve.

**C. Equipment Replacement Reserve:**

- 20.** Based on the life cycle of newly acquired and recently replaced equipment, no change to the equipment reserve is necessary. The equipment reserve level is a management recommendation based predominately on the equipment depreciation schedule and practical experience.

- 4. FY2021 Proposed Budget Initiatives:** The proposed FY2021 Operating Budget includes four initiatives: Public Outreach/Communications, Contract Legal Services, PIMMS and Technology Licenses.

**D. Initiatives:**

- 21. Public Outreach & Regional Event Support:** Staff is proposing increasing the budget from the proposed base by \$12,088 this will support the Authority's *Strategic Plan Goal I - Regional Prosperity; Advocacy/Education through increasing awareness and understanding of NVTa's multimodal transportation investments. This is to be accomplished by developing appropriate messaging to specific target audiences.* Increased technical tools for social and traditional media and the automation of currently manual monitoring and tracking processes will facilitate accomplishing these goals. The proposed tools will allow:

- Social media archive services to support transparency and FOIA compliance (\$2,868).
- Increased monitoring of references to NVTa in the press (including broadcast) and social media, responding to media and industry influencers' comments while protecting NVTa's image and increasing the accuracy and response time of NVTa's messaging. (\$6,000)
- Contract video capture and editing capacity (\$2,000).
- Increased social media presence tools (\$600).
- Software to allow NVTa to prepare script-writing and voiceovers to animation added to messaging (\$500).
- Software license to create social media content, simple animation, flyers and invitations (\$120).
- All costs noted above are on-going and will add to the base budget.

- 22. Legal Services/Bond Counsel:** The Finance Committee discussed a staff initiative to procure contracted legal services. After discussion the initiative was tabled to a future year.

- E. GIS/Project Monitoring & Management/Modeling:** Two initiatives impact this budget line. Both initiatives presented below support the Authority's Strategic plan in areas of:
- *Goal I – Regional Prosperity; compile objective independent research.*
  - *Goal II – Mobility; performance dashboard, expanded analytical capabilities building to travel demand forecasting and model simulations.*
  - *Goal III – Innovation; plan for emerging transportation technologies and related trends.*
  - *Goal IV – Funding; ensure fulfillment of project scope, implementation of a project monitoring system, implementation of a cost-effective online project application system.*

**23. Project Information Monitoring and Management System (PIMMS):**

Enhancements to PIMMS are requested from NVTa staff as well as jurisdiction and agency staff. The cost of \$95,000 (with project contingency) is broken down as follows:

- Online Project Applications – Enhance the ability for jurisdictions to add maps to their applications, develop additional reports and application print options (optimized for PDF exports). \$31,000 Cost.
- Project/SPA Monitoring Tools – Modify the database and system for status versioning, add additional change request capacity for localities, develop additional reporting capacity (PDF capable), install a browser-based SPA Appendix update capability. \$41,000 Cost.
- Project Dashboard – Add additional data elements to project detail, improve user ability to toggle between project counts and dollar amounts with graphic pie chart presentation, create ability for custom icons, filter jurisdictional polygon on jurisdiction maps, increase capability for jurisdictions to complete the expected project completion date beyond NVTa funded phases, facilitate printing from the dashboard. \$23,000 Cost.
- All costs related to the PIMMS enhancements are one-time and will not add to the base budget.

**24. IT/GIS License Expansion:** - With the FY2020 addition of two Transportation Planners, NVTa was able to recruit new staff with GIS, analysis and Big Data skills. Currently, NVTa uses a shared license approach for several licensed software packages, the licenses need to be expanded to increase staff productivity. The \$14,060 total cost includes \$11,500 of one-time costs and \$2,560 in costs that will increase the base budget

**Attachments:** Base/Proposed FY2021 Operating Budget

# Attachment

Northern Virginia Transportation Authority Base/Proposed FY2021 Operating Budget						
INCOME:	Adopted Budget FY2020	Proposed Base Budget FY2021	Budget Note	Proposed Budget w/FY2021 Initiatives	Budget Note	Change \$
Budget Carryforward including Operating Reserve	\$ 444,138	\$ 665,477		\$ 665,477		\$ 221,339
330100 Contribution Member Jurisdiction						
330000 Other Income						
<b>Total Income</b>	<b>\$ 444,138</b>	<b>\$ 665,477</b>		<b>\$ 665,477</b>		<b>\$ 221,339</b>
<b>EXPENDITURES:</b>						
<b>410000 Personnel Expenditures</b>						
110 Salaries-Regular Pay	\$ 1,474,032	\$ 1,524,072	1	\$ 1,524,072		\$ 50,040
130 Health & Dental Benefits	243,109	247,968	2	247,968		4,859
131 Payroll Taxes	112,878	118,210	1	118,210		5,332
132 Retirement VRS	120,377	124,506	3	124,506		4,129
133 Life Insurance	19,223	20,331	4	20,331		1,107
134 Flex Spending/Dependent Care	874	881		881		7
135 Workers Comp	1,621	1,698	1	1,698		77
137 Disability Insurance	16,654	18,196	4	18,196		1,542
<b>Personnel Subtotal</b>	<b>\$ 1,988,769</b>	<b>\$ 2,055,863</b>		<b>\$ 2,055,863</b>		<b>\$ 67,094</b>
<b>420000 Professional Service</b>						
210 Audit & Accounting	\$ 29,500	\$ 29,500		\$ 29,500		\$ -
220 Bank Service	750	750		750		-
230 Insurance	6,081	6,385	5	6,385		305
240 Payroll Service	2,606	2,606		2,606		-
260 Public Outreach & Regional Event Support	66,750	47,005	6	59,093	21	(7,657)
261 Legal Services/Bond Counsel	25,000	10,000	7	10,000	22	(15,000)
262 Financial Advisor Services	35,000	35,875	8	35,875		875
263 Bond Trustee Fees	2,700	2,700		2,700		-
264 Legislative Services	62,000	70,000	9	70,000		8,000
265 Investment Custody Fees	25,000	25,000		25,000		-
<b>Professional Subtotal</b>	<b>\$ 255,387</b>	<b>\$ 229,821</b>		<b>\$ 241,909</b>		<b>\$ (13,478)</b>
<b>430000 Technology/Communication</b>						
310 GL Financial Reporting & Invest Monitoring/Mgt Systems	\$ 98,631	\$ 111,347	10	\$ 111,347		\$ 12,716
320 HW SW & Peripheral Purchase	5,600	-	11	-		(5,600)
330 IT Support Svc Incl Hosting	23,374	24,295	12	24,295		921
335 GIS/Project Monitoring & Management/Modeling	150,232	27,619	13	136,679	23/24	(13,553)
340 Phone Service	10,716	11,136	14	11,136		420
350 Web Development & Hosting	9,756	9,756		9,756		-
<b>Subtotal Technology/Communication</b>	<b>\$ 298,309</b>	<b>\$ 184,153</b>		<b>\$ 293,213</b>		<b>\$ (5,096)</b>
<b>440000 Administrative Expenses</b>						
410 Advertisement	\$ 1,500	\$ 1,500		\$ 1,500		\$ -
411 Memberships & Subscriptions	10,544	10,544		10,544		-
412 Duplication & Printing	16,640	14,610	15	14,610		(2,030)
413 Furniture & Fixture	8,100	-	16	-		(8,100)
414 Hosted Meetings	3,780	5,000	17	5,000		1,220
415 Mileage/Transportation	11,450	11,450		11,450		-
416 Misc Expenses	-	-		-		-
417 Office Lease	190,561	173,256	18	173,256		(17,305)
418 Office Supplies	8,065	8,065		8,065		-
419 Postage & Delivery	700	700		700		-
420 Professional Develop, Training & Conferences	23,650	23,650		23,650		-
<b>Subtotal Administrative Expenses</b>	<b>\$ 274,990</b>	<b>\$ 248,775</b>		<b>\$ 248,775</b>		<b>\$ (26,215)</b>
<b>Expenditure Subtotal</b>	<b>2,817,454</b>	<b>2,718,612</b>		<b>2,839,760</b>		<b>22,305</b>
<b>Operating Reserve (20%)</b>	<b>\$ 563,491</b>	<b>\$ 543,722</b>	<b>19</b>	<b>\$ 567,952</b>	<b>19</b>	<b>\$ 4,461</b>
<b>Equipment Replacement Reserve</b>	<b>26,986</b>	<b>26,986</b>	<b>20</b>	<b>\$ 26,986</b>	<b>20</b>	<b>-</b>
<b>Reserve Subtotal</b>	<b>590,477</b>	<b>570,708</b>		<b>594,938</b>		<b>\$ 4,461</b>
<b>Total Expenditures</b>	<b>\$ 3,407,931</b>	<b>\$ 3,289,320</b>		<b>\$ 3,434,697</b>		<b>\$ 26,766</b>
<b>Transfer From Regional Revenue Fund</b>	<b>\$ 2,963,793</b>	<b>\$ 2,623,843</b>		<b>\$ 2,769,220</b>		<b>\$ (194,573)</b>
				<b>One Time Costs of Initiatives:</b>		
				<b>Net FY2020 to FY2021 Budget Growth:</b>		
				<b>\$ 106,500</b>		
				<b>\$ (301,073)</b>		

Updated: 2/27/2020

## NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

MEMORANDUM

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

**FROM:** Monica Backmon, Executive Director

**DATE:** March 5, 2020

**SUBJECT:** Appointment of Members to the Technical Advisory Committee

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1. **Purpose:** To seek Northern Virginia Transportation Authority (NVTa) appointment of three candidates as Technical Advisory Committee (TAC) members.
2. **Suggested Motion:** *I move approval of Karen Champlin, Amy Morris and Frank Spielberg as appointees to the Technical Advisory Committee members.*
3. **Background:**
  - a. NVTa's Technical Advisory Committee is a statutory committee required by the enabling legislation. The committee shall consist of nine individuals who reside or are employed in counties and cities embraced by the Authority and have experience in transportation planning, finance, engineering, construction, or management. Six members shall be appointed by local jurisdictions and three members shall be appointed by the Chairman of the Commonwealth Transportation Board. The TAC shall advise and provide recommendations on the development of projects as required by §15.2-4838 and funding strategies and other matters as directed by the Authority.
  - b. This committee of individuals with multi-modal expertise and regional focus shall be responsible for reviewing the development of major projects and potential funding strategies and providing recommendations to the NVTa. "Development of projects" shall be defined as: the identification of projects for the NVTa long range transportation plan and the NVTa Six Year Program, and the application of performance-based criteria to the projects identified.
  - c. Currently, three of the six Authority appointments are vacant in addition to two of the CTB Chair appointments. These vacancies need to be filled at the earliest since the Committee will be reviewing and developing recommendations for the FY2020-2025 Six Year Program (SYP) in the upcoming months as well as providing inputs and guidance in the development of TransAction update till its adoption in December 2022.
  - d. Nine individuals expressed their interest to NVTa staff. The staff coordinated the review of the resumes with the jurisdiction staff through Regional Jurisdiction and Agency Coordination Committee (RJACC). The RJACC recommended the three

candidates below covering expertise in various fields including transportation planning, transportation engineering, multimodal planning, and modeling, among others in a mix of public and private sector environments:

- a. Ms. Karen Campblin (land use and transportation planning)
- b. Mr. Frank Spielberg (public transportation and travel forecasting)
- c. Ms. Amy Morris (transportation and traffic engineering)
- e. NVTa staff is coordinating with the CTB Chair to fill the two remaining vacancies.

**Attachments:** Resume of the three candidates

**Ms. Karen Campblin** has over fifteen years experience working with communities and governmental agencies to create innovative and sustainable solutions to address transportation, community (re) development, equity/environmental justice, long-- range planning and growth management needs. Through an in-- depth understanding of planning techniques, regulatory requirements and community-- building, Karen is able to develop viable concepts, create cost-- effective solutions and build partnerships in support of equitable transportation improvement, policy, and community development initiatives. A highlight of Karen's accomplishment is listed below.

### **EXPERIENCE**

Founder

ktcPLAN, LLC

Washington D.C. Metro Area

July 2011 – present

Senior Planner | Project Manager

BREE & Associates (telework)

Raleigh, North Carolina

September 2012 y present

Senior Planner | Project Manager Planning Communities, LLC

Raleigh, North Carolina

May 2010 – July 2011

Longy Range Planning Manager

City of Eustis

Eustis, Florida

June 2008 – June 2010

Senior Planner | Project Manager |

Planning Communities, LLC

Orlando, Florida

June 2007 – April 2008

Senior Associate | Planner | Public

Involvement Coordinator

Glatting Jackson Kercher Anglin Orlando, Florida

January 2000 – March 2007

### **EDUCATION**

Master of Public Administration, University of Central Florida, Orlando, Florida

Bachelor of Arts, Political Science, Florida

Atlantic University,

Boca Raton, Florida

### **AWARDS**

Master Planning and Public Award, Florida Planning and Zoning Association, First Coast Chapter -

Scenic and Historic A1A Master Plan (2006)

Public Awareness and Participation Award, Florida Planning and Zoning Association, First Coast Chapter - Scenic and Historic A1A Corridor Management Plan (2003)

### **MULTI-- MODAL DEVELOPMENT**

Analyzed existing transportation deficiencies to develop viable options that increase quality of life, equity, safety, access, and economic vitality.

- Capital Area Bus Transit Development Plan and Three Year Bus Services Plan, Wake County, North Carolina
- Orlando International Airport Corridor Alternative Analysis, Orange County, FL

### **COMMUNITY DEVELOPMENT AND REVITALIZATION**

Developed workable solutions that transformed visions and goals into viable programs and policies that foster economic vitality, longevity and quality of life.

- City of Eustis Community-- wide Brownfields Assessment Application and Program
- City of Eustis Comprehensive Plan Evaluation and Appraisal Report
- Bridges Community Impact Assessment, Statewide, North Carolina

### **ACTIVE | HEALTHY TRANSPORT**

Developed effective improvement strategies that minimize impacts while supporting equitable and sustainable long-- term growth management goals.

- Safe Routes to School Program, City of Wilson, North Carolina

### **PUBLIC INCLUSION | COMMUNITY BUILDING**

Designed and implemented proy active outreach program to foster twoy way dialogue, engagement, consensus and partnerships.

- District Department of Transportation, Office of Civil Rights, Title VI and Language Access Program Management (ony going, contract)

### **CULTURAL RESOURCES | PRESERVATION**

Developed communityy based preservation strategies to preserve, maintain and enhance unique cultural, historic and aesthetic resources.

- Various scenic corridor management and master plans.

### **PROFESSIONAL DEVELOPMENT**

- American Planning Association (APA)
  - Legislative Committee (committee member), Planning for Ethnic and Cultural Diversity Committee (committee member, event and program planning), Planning and the Black Community Division (division member), Transportation Planning Division (membership committee)
- APA Community Planning Assistant Team, Hartsville South Carolina
- Conference of Minority Transportation Officials (COMTO)
  - Legislative Advisory Council, Co-Chair
  - Liasion, RailVolution

### **CIVIC ASSOCIATIONS AND ACTIVITIES**

- Fairfax County Federation of Citizen's Association, Land Use & Transportation Committee, Co-Chair
- Sierra Club of Virginia, Transportation Co-Chair
- Virginia State Conference NAACP, Environmental and Climate Justice, Chair
  - State Representative for various initiatives : Clean and Just Energy, Transportation and Climate Initiative
- Fairfax County NAACP, Interim, Political Action Committee, Chair
- I was also appointed to serve on land-use related task forces including the Fairfax County Public Engagement in the Land Use process (member), Suburban Land Use Task Force (member), Land Unit J Task Force (chair), and the Fairfax County Tree Commission, and an Associate Director of the NOVA Soil and Water Conservation District.



## Attachment B.

Amy Morris, P.E., PTOE, PMP  
President and Senior Transportation Engineer

<i>Education</i>	B.S., Civil Engineering George Mason University
<i>Professional Registrations</i>	Registered Professional Engineer: Virginia, Maryland, Pennsylvania and D.C. Professional Traffic Operations Engineer PMI-Certified Project Management Professional

### Professional Overview

Ms. Morris has lived and worked in Northern Virginia for more than thirty years and is president of T3 Design Corporation (T3), headquartered in Fairfax. She joined T3 in 2006 as a transportation engineer and today manages this woman-owned firm which she has helped grow into an industry leader providing state and local government agencies with complex traffic and transportation engineering solutions. She has technical expertise in the planning and design of multi-modal projects including highway, transit, pedestrian and bicycle facilities and has provided Chapter 527 Review services and independent reviews of IJR's and traffic studies to VDOT on proposed developments.

She is a graduate of the Transportation Project Management Institute (TPMI) training program, a program developed in partnership with the University of Virginia and VDOT and held once each year since 2010. It is designed to offer hands-on training for managing the development phase of transportation projects. Morris is a committed life-long learner and recently completed the Project Management Institute's rigorous training program and holds the highly-regarded Project Management Professional (PMP) certification.

An active community and industry volunteer, she currently serves on the Virginia Transportation Construction Alliance (VTCA) Engineering Consultant Leadership Committee and the board of directors. She is an active member in the Institute of Transportation Engineers, the Women's Transportation Seminar (WTS), and the American Society of Highway Engineers. A dynamic speaker, she has been both a presenter and moderator for numerous WTS at VTCA events.

### Technical Experience

With 26 years of experience, Morris is a seasoned project manager who routinely manages concurrent VDOT task orders contracts with as many as 55 open task orders at any given time for design, bridge, and traffic engineering on-call contracts for both statewide work and for various districts and regions within the Commonwealth. She specializes in traffic analysis projects including corridor analyses, access management and traffic impact, safety, bicycle, pedestrian, and operational improvement studies as well as roundabout analysis and design. She also is experienced in transportation engineering design, including the design of plans for traffic signals, highway and street lighting, Traffic Management Plans (TMP), Maintenance of Traffic (MOT), and Intelligent Transportation Systems.. Her representative project experience includes:

**VDOT: MegaProjects Program (GEC) Northern Virginia** – Morris worked on multiple projects under this program including the Mark Center/BRAC Project, where she reviewed traffic studies, TMPs, pavement marking, and MOT for Russell Road and the Fairfax County Parkway Extension. On the I-495 Project, she led the conceptual signing study for construction of High Occupancy Toll (HOT) lanes on I-495 and conducted detailed reviews of traffic engineering design plans on behalf of VDOT for the construction of High Occupancy Toll (HOT) lanes in both directions along I-495 in Fairfax County. As part of the Metro Silver Line Extension Project, she conducted detailed reviews of traffic engineering studies and design plans on behalf of VDOT.

**VDOT: Rolling Road Widening Alternative Evaluation, Fairfax County, Virginia** – Morris led T3's effort to analyze 12 design alternatives and variations, based on operational and safety impacts. Traffic analyses included evaluating signal warrants at 3 intersections and turn lane warrants at 10 intersections, along with determining



levels of service at 16 study intersections. Numerous alternatives were explored in regard to bicycle paths vs. on-street lanes, different pedestrian sidewalk and trail facility options, on-street parking, and a two-way left turn

lane vs. a divided roadway cross section with a raised concrete median. Public involvement efforts were significant, with high levels of interest from community groups and elected officials, and Morris attended the public hearing as well as six additional citizen information meetings to introduce and answer traffic-related questions and concerns.

**VDOT: Battlefield Parkway Extension, Leesburg, Virginia** – For the Traffic Study on this project, Morris oversaw trip generation and distribution calculations, traffic volume projections and creation of the Synchro model of the study segment. She also managed the operation analyses, calculation of turn lane storage requirement, and preparation of the Traffic Study Report. In addition, she oversaw the development of traffic signal plans and conducted a final review of plans before submission to VDOT.

**VDOT: Stringfellow Road Improvement Project, Fairfax County, Virginia** – As a project manager on the widening of Route 645 from Route 50 to Route 7735, Morris provided traffic engineering design services consisting of traffic data collection and analysis, as well as signal design. She performed a traffic study for the roadway improvements, including pedestrian LOS, and created traffic-signal modification plans for seven existing signalized intersections. These plans included improvements to pedestrian accessibility to link the trail system through the corridor.

**VDOT: Route 606 Widening Project, Loudoun County, Virginia** – Morris performed preliminary traffic engineering on a project to widen Rte. 606 from the existing two-lane rural roadway to a four -lane divided urban collector. She completed an extensive traffic study involving 12 intersections along the corridor, as well as preliminary signal design and signing and marking design. The traffic study included assessing widening alternatives, evaluating signal and turn lane warrants, and performing safety and queue length analyses.

**VDOT: Northern Region Operations Signal Design Services, Northern Virginia** – Morris provided on-call traffic engineering support, including signal design services at four intersections in Loudoun County. She checked intersection inventories, provided traffic signal plans, attended field meetings/site visits, and provided signal equipment layouts and base plans for traffic signal modifications at Harry Byrd Highway and North Sterling Boulevard and at Harry Byrd Highway and Baron Cameron Avenue. She provided similar services for new traffic signal installations at Palisade Parkway and Southbank Street and Algonkian Parkway and Winding Road. She has also managed preparation of signal design plans for 13 other intersections in Loudoun County under other contracts.

**VDOT: Design of Traffic Control Devices and Traffic Engineering Studies/Analysis, Northern Virginia** – Morris oversees T3's work on this contract, including task order management, staffing, budgeting, QA/QC reviews, and client liaison as required. To date, T3 has supported 13 task orders under this contract including safety and guardrail assessments of 80 lane miles in Fairfax, Loudoun, Prince William and Arlington Counties as a part of the pavement repaving schedules; this project also involved developing sketches for pavement markings and bike lanes. As another example, T3 prepared "No-Plan" sketches to indicate countermeasures for safety under a project that involves identifying low cost, short-term solutions to eliminate or reduce roadway departure crashes at about 50 sites in Northern Virginia.

**City of Fairfax: Route 123 Over Accotink Creek Bridge Replacement, Fairfax, Virginia** – Morris managed a traffic analysis and traffic impact study for this bridge replacement project in the City of Fairfax. She oversaw analysis of traffic operations for proposed detour routes, revised signal timing for temporary signalization during detour for bridge construction, and a safety analysis based on previous three-year crash history. She also



Amy Morris, P.E., PTOE, PMP  
President and Senior Transportation Engineer

managed data collection on turning-movement counts and pedestrian counts and calculation of pedestrian LOS at an intersection near the bridge.

**FRANK SPIELBERG**

3401 Cypress Drive  
Falls Church VA 22042  
703-403-6042  
fspielberg@cox.net

**EDUCATION**

University of Pennsylvania, B.S. in Civil Engineering  
University of California at Berkeley, M.S. in Civil Engineering

**REGISTRATION**

Registered Professional Engineer in Virginia and the District of Columbia  
Professional Engineer (retired) in Maryland and California.

**PREVIOUS POSITIONS:**

Vanasse Hangen Brustlin, Program Manager, 2005-2011  
SG Associates, Inc., Principal, 1976-2005  
Alan M. Voorhees and Associates: 1968-1976, Last Position -- Deputy Vice President  
Cleveland-Seven County Transportation and Land Use Study: 1965-1968

**EXPERIENCE:**

Mr. Spielberg has over fifty years of experience in applied transportation planning with emphasis on public transportation and travel forecasting. In his career he developed or applied travel demand models for transit investment studies in over a dozen cities. In his work as a consultant to the Office of Planning and Environment of the Federal Transit Administration he reviewed New Starts applications for many projects and developed the initial guidance for conducting the Congressionally mandated Before and After Studies. He has conducted transit planning and operational studies in areas as diverse as Aspen, CO; Hampton Roads VA, Lexington, KY; and Westchester County, NY.

**Professional and Public Service Activities**

Chair of the Bus Transit Systems Committee of the Transportation Research Board, 2003-2009  
Bus Rapid Transit Steering Committee, Montgomery County MD, 2013 – Present  
Virginia Vanpool Incentive Program Advisory Board, 2012 – Present  
Fairfax County VA Transportation Advisory Commission, 1992-1996

**Transit System Planning and Alternatives Analysis.** Advisor to the Rapid Transit Steering Committee established by Montgomery County MD to guide the comprehensive Bus Rapid Transit program being developed for the County (2013). Advisor on the development of commuter rail in the Miami Fort Lauderdale corridor (2102). Directed Comprehensive Operational Analysis of Hampton Roads Transit (2008-2009). Advisor to George Washington Region (Fredericksburg VA) on development of detailed program to implement public transit-human service transportation program (2009). Senior advisor for Minnesota Statewide Transit Plan (2008). Directed study of issues related to formation of a Transit Authority for Charlottesville-Albemarle County VA (2008). Directed travel forecasting for analysis of proposed Downstate Commuter Rail (Delaware) (2004).

Conducted study for FTA of projected and achieved values for New Starts ridership, capital cost and operating cost (2002). Project manager Charlottesville VA TDP (2004), and for collection and analysis of WMATA bus passenger data related to analysis of proposed light rail alternatives in the District of Columbia (2004). Project manager for Route 1 Corridor Bus Studies in Northern Virginia (2001), Comprehensive Transit Operations Analysis, Westchester County, NY (2000); Transit Development Program for Rockland County, NY (1999); Transit Service Needs Assessment for New Castle County, Delaware and Cecil County, Maryland (1995-97). Provided on-call technical support on a range of transit planning topics to the Mass Transit Administration, Maryland (2000). Provided assistance to Chesterfield County, VA, for development of new transit services implemented in 2001. Provided task order based transit planning services to DelDOT Planning from 1996 through 1999. Tasks have included planning of transit services related to I-95 reconstruction, site location studies for a DART First State Maintenance Facility and analysis of Park-Ride needs. Directed analysis of functional needs for DART First State local bus operations and intercity bus operations as part of planning studies for the Wilmington DE train station area. Provided task order-based transit planning and analysis services to Tidewater Regional Transit, Norfolk, VA (1997-2000). Directed study of downtown transit center and parking garage in Poughkeepsie, NY (1991). Conducted Case Studies and participated in handbook development for TCRP B-6, Improving Transit Connections for Enhanced Suburban Mobility (1995-96). Principal investigator for Transit Cooperative Research Project on Demand Forecasting for Rural Passenger Transportation (1993-94). Provided assistance to UMTA in review of Alternatives Analysis projects (1990-1995). Consultant on development of strategic transit plans for Eau Claire, Wisconsin and Pocatello, Idaho (1994). Directed preparation of Statewide Public Transportation Needs Assessment and Action Plan for the Arkansas Governor's Task Force on Public Transportation (1991-92). Project director for Westchester County, New York, Year 2010 Strategic Transit Plan (1993). Directed feasibility analysis for downtown shuttle, Colorado Springs, CO (1990). Conducted analyses of Potomac River High Speed Ferry Service (1988 and 1999). Directed development of Prince William County, Virginia, Six Year Transit Development Plan (1988-89). Directed feasibility analysis of passenger rail service, Little Rock, Arkansas (1987). Directed travel demand element of Alternatives Analysis for Indianapolis (1985). Consultant on demand analysis for Denver RTD Systems Planning study (1984) and Corridor Technology Assessment (1985). Directed Alternatives Analysis for Madison WI (1981) and detailed operations transition analysis (1985). Developed suburban service transit demand model and budget analysis software for Henrico County, Virginia (1986). Directed Net Income Analysis Studies for the Washington Metropolitan Area Transit System (WMATA), 1971 and 1974. Directed transit systems planning study in San Juan, PR (1974). Responsible for patronage reasonableness analysis and corridor identification, transit systems long-range study in Denver CO (1984). Project manager for UMTA study of Dual-Mode Transit, Orange County CA (1974).

**Comprehensive Transportation Planning.** Conducted demand analysis for development of Multiple Occupancy Vehicle Emphasis program for the Mid-Hudson region (NY) (1995). Consultant on long-range transportation plan for the Little Rock, Arkansas region with responsibility for concept development and transit elements (1994). Developed work program for the development of a new travel demand model set for the New York metropolitan region (1992). Member of Peer Review Panel for NYMTC model development (1994-2000). For the Federal Highway Administration prepared a white paper on the applicability of household time and money budget constraints to travel forecasting. Developed, for Metropolitan Washington COG, a budget-constrained direct demand model for non-work transit travel. Managed several large

comprehensive urban transportation studies including studies to develop transportation plans and policies for Atlanta GA, Baltimore MD, San Juan PR, Tallahassee FL, York PA and others. Developed route level transit demand estimation models for Buffalo, NY (1990) and Providence, RI (1992). Experience encompasses total system planning -- highway and transit systems analysis. Major focus was on developing techniques for travel projections and systems analysis. Directed the application of models and evaluation techniques for the Baltimore continuing planning program and a major environmental assessment of alternative systems. Conducted reviews (1979 and 1990) of state-of-the-art in transportation modeling for Baltimore Regional Planning Council. Directed a study of feasibility of high-speed rail service in the Atlanta-Macon Corridor.

**Bus Maintenance.** Directed FTA study of bus maintenance needs and developed facility-planning guidelines. Directed development of Capital Facilities Plan for Southeastern Pennsylvania Transportation Authority (SEPTA). Conducted for WMATA analysis of costs of a proposed closing of the Northern Garage. Provided transit needs analysis for design of bus maintenance facility, Fairfax County, Virginia. Prepared functional plan for transit maintenance facility, Prince William County, VA. Responsible for maintenance contracting analysis, Mississauga, Ontario. Conducted assessment of bus storage and maintenance functional needs and alternative facility site evaluation, El Dorado County, CA and Hickory, NC. Co-author of TCRP Synthesis on Regulatory Impacts on Design and Retrofit of Bus Maintenance Facilities.

**NORTHERN VIRGINIA TRANSPORTATION AUTHORITY**  
**MEMORANDUM**

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

**FROM:** Monica Backmon, Executive Director

**SUBJECT:** Approval of Reallocation of Congestion Mitigation and Air Quality (CMAQ) funds  
for City of Alexandria

**DATE:** March 5, 2020

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1. **Purpose.** To seek Northern Virginia Transportation Authority approval for Reallocation of Congestion Mitigation and Air Quality (CMAQ) funds for City of Alexandria.
2. **Suggested Motion:** *I move approval of the reallocation of Congestion Mitigation and Air Quality (CMAQ) funds for City of Alexandria.*
3. **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). However, the Authority will need to approve the transfer requests for new projects before any funds can be reallocated.

On February 18, 2020, City of Alexandria requested the following transfers:

- \$430,000 of allocated FY2020 and \$47,568 of previous year CMAQ funds from Purchase DASH Buses-Alexandria (UPC 110825) to the new project DASH Scheduling Software (UPC T23689).

This transfer will allow the City to fully fund the upgrade of DASH's scheduling and routing software. Alexandria Transit Company (DASH) proposes to upgrade its scheduling and routing software platform. Scheduling software is the heart of any fixed route transit operation. It creates the basic schedule and timetable, which feeds into several downstream functions and other systems, including labor scheduling, dispatch, payroll, and all customer information sources from paper Ride Guides to real-time bus arrival screens, websites, and mobile apps. DASH's current software is nearly two decades old and was designed for smaller agencies with less complex route networks and labor rules. A new scheduling platform will result in better roster optimizations, fewer software bugs requiring time-intensive workarounds, the introduction of electronic bidding for bus operators, and more accurate reporting of operating statistics. With the launch of the Alexandria Transit Vision (ATV) network in 2021

and more complex labor rules stemming from a new union agreement, a more advanced software solution is needed. This project will allow DASH to implement the ATV network, which is expected to significantly increase bus ridership in the City of Alexandria. DASH conservatively estimates a system-wide ridership increase of about 5%, although this is very difficult to predict accurately. Without the software upgrade, the new ATV network will be much more difficult and less efficient to implement and operate.

At its meeting on February 27, 2020, the RJACC recommended approval of the request.

**Attachment(s):** DRAFT Letter to VDOT NOVA District Administrator Cuervo  
Request Letter from City of Alexandria

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



# Attachment A.

## Northern Virginia Transportation Authority *The Authority for Transportation in Northern Virginia*

March 12, 2020

Ms. Helen Cuervo  
District Administrator  
Virginia Department of Transportation  
4975 Alliance Dr. Suite 4E-342  
Fairfax, Virginia 22030

Reference: Request to Reallocate Congestion Mitigation and Air Quality (CMAQ) funds for City of Alexandria

Dear Ms. Cuervo:

On September 11, 2008, the Northern Virginia Transportation Authority (NVTA) 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). However, since the receiving projects are new, the Authority needs to approve the transfer requests before any funds can be reallocated.

On February 18, 2020, City of Alexandria requested the following transfers:

- \$430,000 of allocated FY2020 and \$47,568 of previous year CMAQ funds from Purchase DASH Buses-Alexandria (UPC 110825) to DASH Scheduling Software (UPC T23689).

This transfer will allow the City to fully fund the upgrade of DASH's scheduling and routing software. Alexandria Transit Company (DASH) proposes to upgrade its scheduling and routing software platform. Scheduling software is the heart of any fixed route transit operation. It creates the basic schedule and timetable, which feeds into several downstream functions and other systems, including labor scheduling, dispatch, payroll, and all customer information sources from paper Ride Guides to real-time bus arrival screens, websites, and mobile apps. DASH's current software is nearly two decades old and was designed for smaller agencies with less complex route networks and labor rules. A new scheduling platform will result in better roster optimizations, fewer software bugs requiring time-intensive workarounds, the introduction of electronic bidding for bus operators, and more accurate reporting of operating statistics. With the launch of the Alexandria Transit Vision (ATV) network in 2021 and more complex labor rules stemming from a new union agreement, a more advanced software solution is needed. This project will allow DASH to implement the ATV network, which is expected to significantly increase bus ridership in the City of Alexandria. DASH conservatively estimates a system-wide ridership increase of about 5%, although this is very difficult to predict accurately. Without the software upgrade, the new ATV network will be much more difficult and less efficient to implement and operate.



On March 12, 2020, the Authority approved the request 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, Executive Director, NVT  
Yon Lambert, Director, Transportation & Environmental Services, City of Alexandria



## Attachment B.

DEPARTMENT OF TRANSPORTATION AND ENVIRONMENTAL SERVICES  
Infrastructure and Environmental Quality  
P.O. Box 178 – City Hall  
Alexandria, Virginia 22313  
[www.alexandriava.gov](http://www.alexandriava.gov)

February 18, 2020

Noelle Dominguez, Chairwoman  
Regional Jurisdiction and Agency Coordinating Committee (RJACC)  
Northern Virginia Transportation Authority (NVTA)  
3040 Williams Drive, Suite 200  
Fairfax, Virginia 22031

Reference: Request to Reallocate Congestion Mitigation and Air Quality Improvement (CMAQ) funding for the City of Alexandria

Dear Ms. Dominguez:

The City of Alexandria requests the Regional Jurisdictional and Agency Coordinating Committee's (RJACC)'s approval for the following funding modification:

- Transfer \$430,000 of allocated FY 2020 and \$47,568 of prior year CMAQ funding from UPC #103935 (Purchase DASH Buses - Alexandria) to a new UPC to be created (DASH Scheduling Software) for use in FY 2020.

This transfer of \$477,568 will allow the City of Alexandria to fully fund the upgrade of DASH's scheduling and routing software. The current system was designed for smaller agencies with less complex route networks and labor rules. With the launch of the new Alexandria Transit Vision (ATV) network in 2021 and more complex labor rules stemming from a new union agreement, a more advanced software solution is needed. This project will allow DASH to implement the ATV network, which is expected to significantly increase overall bus ridership in the City of Alexandria. Without the software upgrade, the new ATV network will be much more difficult and less efficient to implement and operate.

The original intent of UPC #103935 was to purchase replacement DASH buses. However, since neither the City nor DASH are direct recipients of Federal Transit Administration grants, it is not possible to use CMAQ funding for bus purchases. This transfer will shift the funds to a project that is immediately ready for procurement.

We request approval of the NVTA's RJACC to reallocate these previously approved CMAQ funds. Thank you for your assistance in this matter. Please feel free to contact Hillary Orr,



DEPARTMENT OF TRANSPORTATION AND ENVIRONMENTAL SERVICES  
Infrastructure and Environmental Quality  
P.O. Box 178 – City Hall  
Alexandria, Virginia 22313  
[www.alexandriava.gov](http://www.alexandriava.gov)

Deputy Director of Transportation & Environmental Services, at [hillary.orr@alexandriava.gov](mailto:hillary.orr@alexandriava.gov) or 703.746.4017 should you have further questions.


Sincerely,

A handwritten signature in black ink, appearing to read "H. Orr", with a long, sweeping horizontal line extending to the right.

Hillary Orr  
Deputy Director  
Transportation & Environmental Services (T&ES)


cc: Jan S. Vaughan, NOVA Program Manager, VDOT  
Yon Lambert, Director, T&ES  
Chris Ziemann, Division Chief of Transportation Planning, T&ES  
Tarrence Moorer, Division Chief of Strategic Management Services, T&ES


Virginia Department of Transportation


**We Keep Virginia Moving**


**Project Pool**  
Project Detail


PreferencesUser's GuideAbout


 **POOL**


 **IPM**


 **PCES**


 **SCHEDULE**


 **LIVE SYP**

 **DASHBOARD**

 **MAP**


 Project Search


 Revision Search


 Structure Search


UPC:


**Summary**

 Add Project


 Add Project (Template)

 Edit Project

 Generate Schedule

 Delete Project

DescriptionPURCHASE AND IMPLEMENT DASH SCHEDULING SOFTWARE UPGRADES

Workflow New

State Project #U000-100-901

UPCT23689

SYP StatusN/A

**Project Information**

GeneralSchedule / EstimatesMiscJobsClassificationFederalComments

**Phases**

☒ Has PE Phase

☐ Has RW Phase

☒ Has CN Phase

**Estimates & Expenditures**

	Approved Estimate	Expenditures
	()	()
Date		
PE	\$5,000	\$0
RW	\$0	\$0
CN	\$472,568	\$0
Total	<b>\$477,568</b>	<b>\$0</b>

**Programming Schedule**

	PE	RW	CN
Start			
End			

**Construction Project Events**

Awarded Date	Contract Letting
Estimated Construction Completion	Construction Started
Contract Execution	Construction Completed
Contractors Bid Amount	
<b>NVAP Portal</b>	
Contract Acceptance Date	Contract Award Amount
Original Contract Completion Date	Current Contract Amount
Current Contract Completion Date	Cost of Work to Date

[Home](#) | [Pool](#) | [PCES](#) | [iPM](#) | [Funding](#) | [CERS](#) | [SYP](#) | [SSYP](#) | [Dashboard](#) | [FDS](#)

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Project Pool

**CMAQ/RSTP Transfer Request Form**  
(One Sheet Needed Per Donor Project)

# Attachment C.

Date: 18-Feb-20

Name of Jurisdiction/Agency Requesting: City of Alexandria

Current Balance of CMAQ/RSTP Funds Currently Allocated to Donor Project (Prior to this Transfer): 477,568.00

From (Donor): To (Recipient):

UPC	Project Description	Type of Funds	Transfer from Previous Fiscal Years	If No, Year Requested	Transfer Amount	UPC	Project Description	Previously Approved by NVTA	If Yes, Year Approved	IACC Approval (NVTA)	Authority Approval (NVTA)	Funds Verified (VDOT)	Completed (VDOT)
103935	Purchase DASH Buses - Alexandria (Previously allocated)	CMAQ	Y		\$47,568.00	TBD	DASH Scheduling Software	N					
103935	Purchase DASH Buses - Alexandria (FY20)	CMAQ	Y		\$430,000.00								

TOTAL OF TRANSFER \$477,568.00

Attach Signed Request of Transfer Letter

**NORTHERN VIRGINIA TRANSPORTATION AUTHORITY**  
**MEMORANDUM**

**XI.**

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

**FROM:** Monica Backmon, Executive Director

**SUBJECT:** Revised Format for the Project Status Update Reports

**DATE:** March 5, 2020

---

**1. Purpose.** To inform the Northern Virginia Transportation Authority (NVTA) of the revised format for the monthly Project Status update reports.

**2. Background**

- a. To date, the Authority has adopted 4 funding programs resulting in 94 funded projects, with 121 Standard Project Agreements (SPAs).
- b. The Authority receives a monthly project status update on each project, with an executed SPA, as part of the Executive Director's Report.
- c. The Authority is in the process of updating its inaugural Six Year Program which 41 projects are currently being considered for funding.
- d. As the Authority anticipates a biannual adoption of funding programs, the total number of Authority funded projects will increase.
- e. Project activation/progression documented through monthly updates submitted to NVTA and reported in the Executive Director's monthly report to the Authority for appropriated projects.
- f. Although project sponsors are asked to update the project status on a monthly basis, some updates are insignificant in nature.
- g. Moving forward-Only Significant changes such as modifications to the SPA appendices A/B, Project administration, Start/completion of phases, groundbreaking/ribbon-cutting ceremonies, public information meetings, major engineering progress, etc., will be noted in the new format/condensed report. This will alert the Authority to significant updates to projects and reduce paper copies as part of the printed meeting materials.
- h. The full Project Status Update Report will be available on the Authority website.

**Attachment(s):** Revised Project Status Update Report

As of March 2020		
NVTA's Regional Fund Program FY2014 - FY2023		Upcoming Public Information Meeting(s):
Total Revenue Allocated	\$1,974,145,417	1. Loudoun County: Route 9 Traffic Calming (March 6, 2020) 2. Prince William County: Route 234/Brentsville Road Interchange (March 25, 2020)  <b>NOTE:</b> For the latest information on upcoming public events, please refer to the "Events and Meetings" section on our home page - <a href="https://thenovaauthority.org/">https://thenovaauthority.org/</a>
Total Number of Individual Projects	94	
SPAs	121	
Currently Active	73	
Closed Out	33	
Not Yet Appropriated	15	
Significant Status Updates (during January - March 2020)**		
Project Title (program year)	Updated Status	% Reimbursed
<b>Arlington County</b>		
Columbia Pike Multimodal Improvements (FY 2014)	Construction has started, as a part of local traffic management plan, traffic signal changes and turn restrictions are in place in locations.	33.4%
Ballston-MU Metrorail Station West Entrance (FY2015-16)	The county has signed a design support agreement with WMATA. Project consultant is preparing documents to request for a design requirement waiver from WMATA (number of elevators).	0.3%
Pentagon City Multimodal Connections and Transitway Extension (FY2018-2023)	Transitway Extension - Project consultant submitted 90% design for architectural, structural and electrical engineering design of the stations.	0.0%
<b>Fairfax County</b>		
VA Route 28 Widening - Prince William County Line to Route 29 (FY2016-16 and FY 2017)	FHWA approved the Categorical Exclusion as revised on October 30, 2019. The County is reviewing Alternative Technical Concepts submitted by the design-build team.	72.9%
Route 286 Fairfax County Parkway Widening: Route 123 to Route 29 (FY2015-16 and FY2017)	County Board of Supervisors will review the concept plans on April 14, 2020 for endorsement.	40.0%
<b>Loudoun County</b>		
Route 28 NB Widening Between Dulles Toll Road and Sterling Blvd. (FY2018-23)	Project expected to reach final completion by end of March 2020.	73.6%
Leesburg Park and Ride (FY2014)	Construction is completed in February 2020.	100.0%
Northstar Blvd - Shreveport Drive to Tall Cedars Parkway (FY2018-23)	Expecting location approval for Phase I at CTB March meeting.	0.0%
Route 9 Traffic Calming: Town of Hillsboro (FY2018-23)	Construction commenced on February 2020.	12.9%
<b>Prince William County</b>		
Route 28 (Manassas Bypass) Study - Godwin Drive extended (FY2015-16 and FY2018-23)	The County is working with the US Army Corps of Engineers on obtaining a permit for the bypass. A response is anticipated to be received by late spring/early summer, 2020.	58.6%
Construct Interchange at Prince William Pkwy and University Blvd (FY2018-23)	60% design plan was submitted to VDOT in February 2020.	1.7%
<b>City of Alexandria</b>		
Alexandria ITS Projects (FY2018-23)	City received approval to proceed with the procurement process in February 2020. The Bid opened on February 26, 2020.	0.0%
<b>City of Fairfax</b>		
Roadway Network Northfax West (FY2018-23)	The PE phase has started in February 2020.	0.2%
<b>City of Falls Church</b>		
Enhanced Regional Bike Routes (W&OD Trail) (FY2018-23)	Project consultant revising the 90% Plan based on inputs from the City staff.	6.0%
<b>City of Manassas</b>		
Route 28 Widening South to City Limits (FY2015-16)	PE plans at 100%; waiting for VDOT authorization for project advertising.	11.4%

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

## NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

# XII.

### MEMORANDUM

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

**FROM:** Mayor Parrish, Chairman – NVTAF Finance Committee

**DATE:** March 5, 2020

**SUBJECT:** Finance Committee Report of the February 20, 2020 Meeting

---

1. **Purpose:** To provide the Northern Virginia Transportation Authority (NVTAF) with a report of Finance Committee (Committee) activities.
2. **Background:** The Finance Committee last met on Thursday, February 20, 2020. The next meeting is scheduled for Thursday, March 19, 2020 at 1:00 PM. The following summarizes the February 20<sup>th</sup> meeting.
3. **Action Items:**
  - a. **FY2021 Regional Revenue Fund Budget:**
    - i. The Committee received and reviewed a detailed FY2021 Regional Revenue Fund Budget proposal.
    - ii. It was noted that future adjustments to the budget will be required as the General Assembly concludes the 2020 session and Committee reviews staff PayGo recommendations at their April 2020 meeting.
    - iii. After discussion of the details the Committee voted unanimously to recommend Authority adoption.
  - b. **FY2021 Local Distribution Fund Budget:** The Committee received and reviewed a detailed FY2021 Regional Revenue Fund Budget proposal. After discussion of the details the Committee voted unanimously to recommend Authority adoption.
  - c. **FY2021 Operating Budget:** The Committee received and reviewed a detailed FY2021 Operating Budget proposal. After discussion of the details and adjustment, the Committee voted unanimously to recommend Authority adoption.
4. **Information/Discussion Items:**
  - a. **Policy 29 Report.** The Committee received a report on the status of previously reported projects with Policy 29 concerns. The Committee discussed and accepted risk mitigation strategies proposed by staff to allow projects to move forward.
  - b. **Investment Portfolio Report.** The report to the Committee noted that the portfolio is beating investment benchmarks even though the fixed income market has continued to experienced significant rate declines over the reporting period.
  - c. **Monthly Revenue Report.** The report received and discussed by the Committee reflected revenue received through January 2020.



- i. Sales Tax receipts continued to reflected strong performance of 8.5% above projections, with the variance largely credited to the implementation of the 'Internet Sales Tax'.
  - ii. Staff expressed continued concern that the revenue related to Heavy Truck Registration and Diesel Fuel (SB1716), commonly referred to as I-81 revenue, has not materialized at the level to support Commonwealth's projections for FY2020. This revenue is currently on a year-end trajectory of \$2.9 million, a slight improvement from last month but well below the Commonwealth projected receipts of \$9.4 million.
- d. **NVTA Operating Budget.** The report received and discussed showed the Operating Budget was within expected parameters with no changes expected for the fiscal year.

# Attachment A.

## NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

### MEMORANDUM

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

**FROM:** Michael Longhi, Chief Financial Officer

**DATE:** March 5, 2020

**SUBJECT:** Investment Portfolio Report

- 1) **Purpose:** To provide the Northern Virginia Transportation Authority (NVTa) with required reports on investment activities and portfolio performance through January 31, 2020.
- 2) **Background:** This report is on investment activity through January 2020 and affirms the portfolio investments were acquired on the basis of safety, liquidity and then yield. This report summarizes the portfolio structure, and adherence to the NVTa Investment Policy.

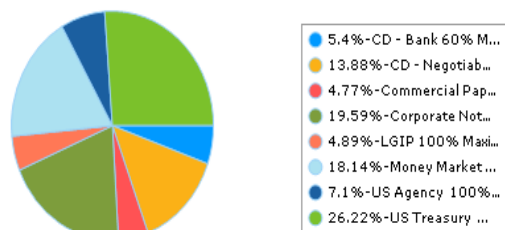


### Northern Virginia Transportation Authority Distribution by Asset Category - Book Value Report Group: Regional Revenue

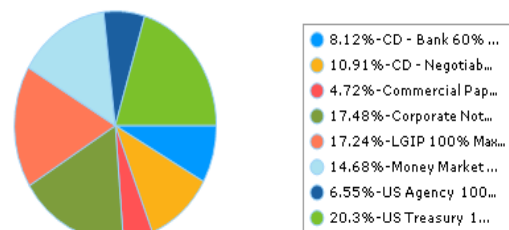
Begin Date: 12/31/2019, End Date: 1/31/2020

Asset Category Allocation				
Asset Category	Book Value 12/31/2019	% of Portfolio 12/31/2019	Book Value 1/31/2020	% of Portfolio 1/31/2020
CD - Bank 60% Maximum	57,134,723.53	5.40	87,134,723.53	8.12
CD - Negotiable 25% Maximum	147,000,700.82	13.88	117,000,451.10	10.91
Commercial Paper 30% / 5% Maximum	50,555,184.17	4.77	50,637,049.99	4.72
Corporate Notes 50% Maximum	207,464,656.95	19.59	187,512,695.58	17.48
LGIP 100% Maximum	51,792,739.96	4.89	184,994,771.31	17.24
Money Market 60% Maximum	192,031,619.97	18.14	157,472,265.68	14.68
US Agency 100% Maximum	75,227,722.83	7.10	70,253,437.33	6.55
US Treasury 100% Maximum	277,691,173.83	26.22	217,771,094.39	20.30
Total / Average	1,058,898,522.06	100.00	1,072,776,488.91	100.00

Portfolio Holdings as of 12/31/2019



Portfolio Holdings as of 1/31/2020



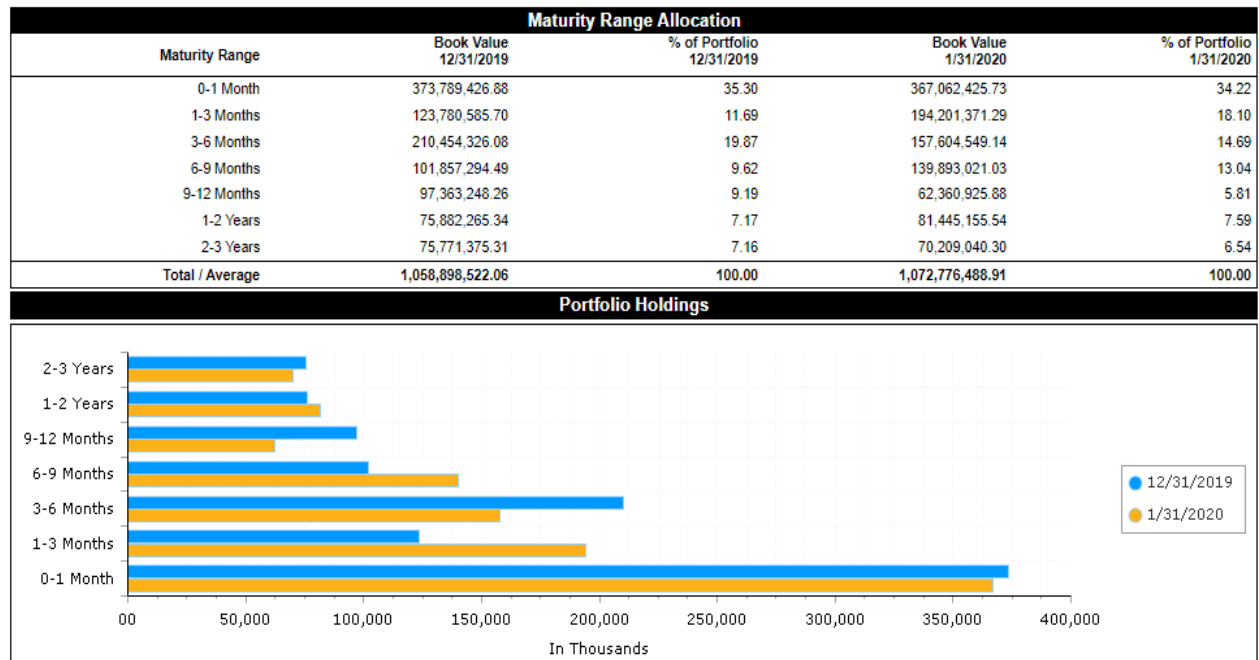
### 3) Current Period Reports:

- a. The safety of the portfolio is reflected in the actual composition of the portfolio as shown above.



#### Northern Virginia Transportation Authority Distribution by Maturity Range - Book Value Report Group: Regional Revenue

Begin Date: 12/31/2019, End Date: 1/31/2020



- b. The liquidity of the portfolio is reflected in the portfolio's duration of .35 (1.0 = 1 year) and the maturity schedule shown above.

NVTA Investment Benchmarks	Jan-20 Month End
Fed Funds Rate	1.55%
Treasury 90 Day T Bill	1.52%
Local Government Investment Pool	1.73%
Virginia Non-Arbitrage Program	1.81%
<b>NVTA Performance</b>	<b>2.15%</b>

Source: Bloomberg, Statements

- c. The yield on the portfolio at the end of January 2020 was 2.15%. The NVTA's Investment Policy specifies the benchmarks shown above for yield performance comparison.

#### 4) Portfolio Analysis & Statistics Overview

a) **Safety:** The portfolio is invested primarily in;

- i) AAA/AA rated U.S. Treasury and Agency Bonds (26.8%)
- ii) AAA/AA rated investment grade corporate bonds (17.2%)
- iii) Collateralized bank money market accounts (14.6%)

b) **Liquidity:**

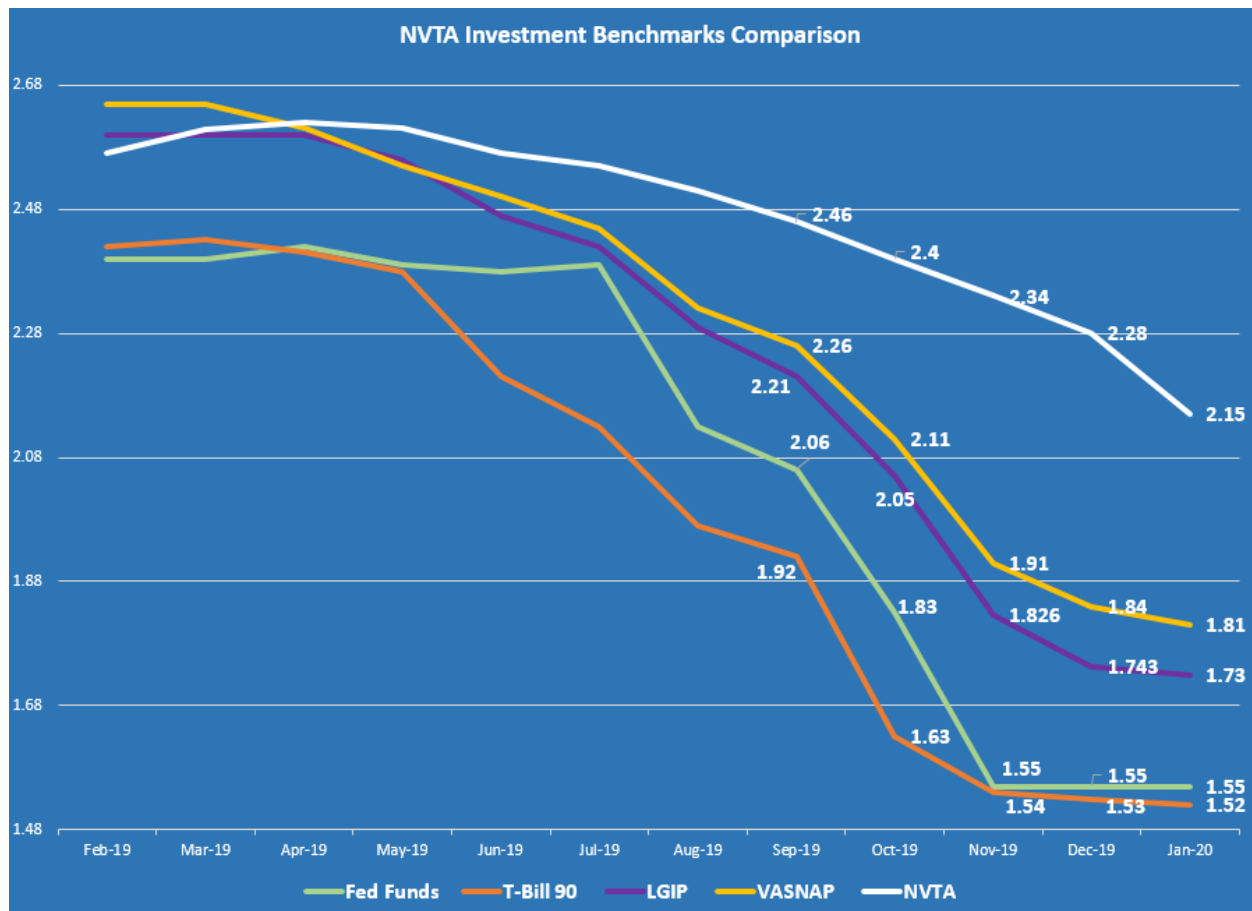
- i) Since our last report on January 16, 2019, the NVTa Portfolio average duration has fallen to .35 from .38 or less than 6 months – reflecting \$120 million in maturities in January.
- ii) Analysis of forward transportation project liabilities (reimbursements) associated with the Six Year Program found that the portfolio has the flexibility to extend modestly to 2-3 year maturities (6.54% of the portfolio presently).

c) **Yield:**

- i) **Impeachment, Iranian Missiles and the Coronavirus: A Drag on January Rates:** A remarkable series of U.S. political, military and global health events during January caused a significant 15 basis point drop in the benchmark 2-Year U.S. Treasury rates to 1.314 from 1.463. The decline in benchmark Treasuries lead to even bigger yield declines in the corporate bond markets and various money market instruments, as spreads tightened.

**NVTa Investment Pause in January, Resumed in February:** NVTa chose to step back from the market in January, placing over \$120 million in maturities in Virginia's Local Government Investment Pool (LGIP), earning nearly 1.74, as staff evaluated the long-term implication of the market declines. As such, NVTa was rewarded for its forbearance, as U.S. Treasury yields rebounded to previous highs (1.447 on Feb. 6) as investors concerns were allayed (U.S. President Trump was acquitted, Iran stepped back from a war with the U.S., and investors' Coronavirus fears have moderated somewhat). As a result, NVTa resumed its investment program in a more favorable rate environment.

- ii) **Current Forecast - 2020 Mild Rate Cut:** Current market forecasts are for one rate cut in late 2020, but if predictions of an economic slowdown (or global slowdown from the Coronavirus) are realized, the rate environment could be worse. The Federal Reserve lowered rates by 25 basis points in October 2019 to a range of 1.5% to 1.75% in response to slowing U.S. economic growth. The Fed's target policy is now a total of 75 basis points lower from its first rate cut in mid-summer.
  - **Value Preservation:** NVTa's Regional Portfolio outperformed its benchmarks in 9 out of 12 months in 2019, and is in its 10<sup>th</sup> consecutive month of outperformance. This performance is attributed to steps taken in early 2019 to increase safety by purchasing US Treasuries. Furthermore, more shorter-dated portfolio benchmarks have been impacted more severely by Fed rate cuts.
  - **Rate Strategy Implications:** While there are still many safe, liquid and fair yielding investments, staff acknowledges that over time NVTa's portfolio performance will move (decline) with the market.



- 5) **Custodian Certification:** BB&T Retirement & Institutional Services is the custodian of all of NVTA's investment purchases and is where all of NVTA's non-deposit investments are held. Deposit type investments are protected through the Commonwealth of Virginia collateralization program or FDIC Insurance.
- 6) **Policy Required Reports:** The attached Compliance - GASB 40 Report addresses specific Investment Policy requirements regarding the purchase and holding of securities. The attached report, documents:
- Compliance – Investment Policy, Summary.** The report shows the percentage of the portfolio by each type of investment.
  - Investment Portfolio – By Maturity Range.** The report shows the yield to maturity, and percentage of the portfolio which each type of investment represents.
  - Portfolio Holdings by Custodian.** This report shows each depository, investment firm or custodian holding NVTA securities or cash.

**Attachments:** Compliance - GASB 40 Report shows reporting requirements as listed above, and not otherwise presented. This report is also fundamental for the Authority's Annual Financial Statements and annual audit.



# Northern Virginia Transportation Authority

Attachment.

## Portfolio Holdings Compliance - GASB 40 Report - As of 1/31/2020

Issuer	Face Amount	Book	Market	Credit	Credit	Portfolio %	Maturity Date	YTM @	Duration To
	Shares	Value	Value	Rating 1	Rating 2			Cost	Maturity
Certificate Of Deposit									
United Bank1.81 8/2/2020	30,000,000.00	30,000,000.00	30,000,000.00	NR	NR	2.79	08/02/2020	1.810	0.50
United Bank1.9 1/14/2021	10,000,000.00	10,000,000.00	10,000,000.00	NR	NR	0.93	01/14/2021	1.900	0.96
United Bank2.6 4/30/2020	15,000,000.00	15,000,000.00	15,000,000.00	NR	NR	1.40	04/30/2020	2.600	0.25
Atlantic Union Bank1.7 12/26/2020	9,500,000.00	9,500,000.00	9,500,000.00	NR	NR	0.89	12/26/2020	1.700	0.90
John Marshall Bank1.76 4/23/2020	10,000,000.00	10,000,000.00	10,000,000.00	NR	NR	0.93	04/23/2020	1.760	0.23
United Bank 2.7 3/5/2020	12,634,723.53	12,634,723.53	12,634,723.53	NR	NR	1.18	03/05/2020	2.700	0.09
Sub Total / Average Certificate Of Deposit	87,134,723.53	87,134,723.53	87,134,723.53			8.12		2.068	0.46
Commercial Paper									
JP Morgan Securities 0 5/29/2020	20,000,000.00	19,881,000.00	19,713,066.66	S&P-A1	Moodys-P1	1.86	05/29/2020	1.824	0.33
JP Morgan Securities 0 6/19/2020	12,000,000.00	11,910,400.00	11,828,920.00	S&P-A1	Moodys-P1	1.12	06/19/2020	1.948	0.38
JP Morgan Securities 0 6/19/2020	14,000,000.00	13,895,466.66	13,800,406.66	S&P-A1	Moodys-P1	1.30	06/19/2020	1.948	0.38
JP Morgan Securities 0 8/14/2020	5,000,000.00	4,950,183.33	4,930,650.42	S&P-A1	Moodys-P1	0.47	08/14/2020	1.855	0.54
Sub Total / Average Commercial Paper	51,000,000.00	50,637,049.99	50,273,043.74			4.75		1.890	0.38
Corporate Bond									
ADP 2.25 9/15/2020	5,000,000.00	4,992,026.46	5,015,650.00	S&P-AA	Moodys-Aa3	0.47	09/15/2020	2.512	0.62
Apple Corp.1.7 9/11/2022	16,145,000.00	16,103,776.12	16,216,845.25	S&P-AA+	Moodys-Aa1	1.50	09/11/2022	1.800	2.55
Apple Corp.1.9 2/7/2020	5,403,000.00	5,402,049.98	5,402,945.97	S&P-AA+	Moodys-Aa1	0.50	02/07/2020	2.840	0.02
Apple Corp.Var. Corp 2/9/2022	5,011,000.00	5,044,706.01	5,054,194.82	S&P-AA+	Moodys-Aa1	0.47	02/09/2022	2.400	0.00
Apple Corp. 2 11/13/2020	5,000,000.00	4,972,817.96	5,015,500.00	S&P-AA+	Moodys-Aa1	0.47	11/13/2020	2.718	0.78
Bank of New YorkVar. Corp 6/4/2021 -20	8,258,000.00	8,268,368.05	8,266,175.42	S&P-AA-	Moodys-Aa2	0.77	06/04/2021	2.180	0.00
Berkshire Hathaway2.2 3/15/2021	7,386,000.00	7,335,815.04	7,437,480.42	S&P-AA	Moodys-Aa2	0.69	03/15/2021	2.833	1.11
Berkshire Hathaway2.2 3/15/2021	10,000,000.00	10,015,144.49	10,069,700.00	S&P-AA	Moodys-Aa2	0.93	03/15/2021	2.061	1.11
Chevron Corp.1.961 3/3/2020	5,000,000.00	4,995,564.68	5,000,800.00	S&P-AA	Moodys-Aa2	0.47	03/03/2020	2.998	0.09
Chevron Corp. 1.991 3/3/2020	7,500,000.00	7,496,396.40	7,501,425.00	S&P-AA	Moodys-Aa2	0.70	03/03/2020	2.549	0.09
Chevron Corp. 2.1 5/16/2021	5,560,000.00	5,503,600.01	5,598,086.00	S&P-AA	Moodys-Aa2	0.52	05/16/2021	2.923	1.28

Issuer	Face Amount	Book	Market	Credit	Credit	Portfolio %	Maturity Date	YTM @	Duration To
	Shares	Value	Value	Rating 1	Rating 2			Cost	Maturity
Exxon Mobil Corp 1.912 3/6/2020	8,663,000.00	8,657,732.67	8,662,566.85	S&P-AA+	Moodys-Aaa	0.81	03/06/2020	2.566	0.10
Exxon Mobil Corp 1.912 3/6/2020	5,000,000.00	4,995,036.23	4,999,750.00	S&P-AA+	Moodys-Aaa	0.47	03/06/2020	2.973	0.10
Exxon Mobil Corp Var. Corp 3/6/2022	1,000,000.00	1,005,203.55	1,006,360.00	S&P-AA+	Moodys-Aaa	0.09	03/06/2022	2.257	0.00
Exxon Mobil Corp Var. Corp 3/6/2022	7,500,000.00	7,537,050.74	7,547,700.00	S&P-AA+	Moodys-Aaa	0.70	03/06/2022	2.257	0.00
Exxon Mobil Corp Var. Corp 8/16/2022	10,000,000.00	10,040,204.67	10,066,700.00	S&P-AA+	Moodys-Aaa	0.93	08/16/2022	2.234	0.00
Johnson and Johnson 2.95 9/1/2020	5,000,000.00	5,013,534.05	5,038,550.00	S&P-AAA	Moodys-Aaa	0.47	09/01/2020	2.472	0.58
Microsoft Corp 1.55 8/8/2021	5,000,000.00	4,905,913.79	5,002,250.00	S&P-AAA	Moodys-Aaa	0.47	08/08/2021	2.850	1.50
Microsoft Corp 1.85 2/6/2020	1,196,000.00	1,195,869.86	1,195,976.08	S&P-AAA	Moodys-Aaa	0.11	02/06/2020	2.530	0.01
Microsoft Corp 1.85 2/6/2020	5,000,000.00	4,999,175.82	4,999,900.00	S&P-AAA	Moodys-Aaa	0.47	02/06/2020	2.878	0.01
Microsoft Corp 1.85 2/6/2020	3,000,000.00	2,999,518.61	2,999,940.00	S&P-AAA	Moodys-Aaa	0.28	02/06/2020	2.851	0.01
Proctor and Gamble Co. 1.9 10/23/2020	5,000,000.00	4,970,306.19	5,010,150.00	S&P-AA-	Moodys-Aa3	0.47	10/23/2020	2.746	0.72
Toyota Motor Credit corp Var. Corp 5/17/2022	10,000,000.00	10,033,035.29	10,038,100.00	S&P-AA-	Moodys-Aa3	0.93	05/17/2022	2.304	0.00
Toyota Motor Credit corp 2.15 3/12/2020	5,000,000.00	4,997,861.04	5,002,500.00	S&P-AA-	Moodys-Aa3	0.47	03/12/2020	2.537	0.11
Toyota Motor Credit corp 2.15 3/12/2020	5,057,000.00	5,054,962.58	5,059,528.50	S&P-AA-	Moodys-Aa3	0.47	03/12/2020	2.515	0.11
Toyota Motor Credit corp 2.8 7/13/2022	5,305,000.00	5,424,747.50	5,455,927.25	S&P-AA-	Moodys-Aa3	0.49	07/13/2022	1.851	2.38
Toyota Motor Credit corp Var. Corp 1/11/2022	4,607,000.00	4,644,085.96	4,651,088.99	S&P-AA-	Moodys-Aa3	0.43	01/11/2022	2.538	0.00
Toyota Motor Credit corp Var. Corp 1/11/2022	900,000.00	907,244.92	908,613.00	S&P-AA-	Moodys-Aa3	0.08	01/11/2022	2.538	0.00
Toyota Motor Credit corp Var. Corp 10/7/2021	10,000,000.00	10,024,424.29	10,024,700.00	S&P-AA-	Moodys-Aa3	0.93	10/07/2021	2.164	0.00
Walmart Var. Corp 6/23/2021	5,000,000.00	5,011,065.22	5,013,750.00	S&P-AA	Moodys-Aa2	0.47	06/23/2021	2.158	0.00
Walmart Corp 1.9 12/15/2020	5,000,000.00	4,965,457.40	5,014,700.00	S&P-AA	Moodys-Aa2	0.47	12/15/2020	2.722	0.87
Sub Total / Average Corporate Bond	187,491,000.00	187,512,695.58	188,277,553.55			17.47		2.430	0.58
FFCB Bond									
FFCB Var. FFCB 9/13/2021	5,000,000.00	5,000,000.00	5,002,550.00	S&P-AA+	Moodys-Aaa	0.47	09/13/2021	1.897	0.00
FFCB 1.85 3/3/2022	5,000,000.00	4,998,953.30	5,002,050.00	S&P-AA+	Moodys-Aaa	0.47	03/03/2022	1.860	2.04
FFCB 2.85 4/15/2020	5,000,000.00	5,000,000.00	5,013,450.00	S&P-AA+	Moodys-Aaa	0.47	04/15/2020	2.850	0.21
Sub Total / Average FFCB Bond	15,000,000.00	14,998,953.30	15,018,050.00			1.40		2.203	0.75
FHLB Bond									
FHLB 2.125 2/11/2020	10,000,000.00	9,998,774.47	10,000,800.00	S&P-AA+	Moodys-Aaa	0.93	02/11/2020	2.541	0.03
FHLB 2.375 3/3/2020	5,000,000.00	4,998,270.27	5,006,300.00	S&P-AA+	Moodys-Aaa	0.47	03/03/2020	2.781	0.17
FHLB 2.4 2/15/2022-20	10,000,000.00	10,021,363.12	10,016,000.00	S&P-AA+	Moodys-Aaa	0.93	02/15/2022	2.291	1.99
FHLB 2.875 9/11/2020	5,000,000.00	4,998,725.46	5,038,250.00	S&P-AA+	Moodys-Aaa	0.47	09/11/2020	2.917	0.60
Sub Total / Average FHLB Bond	30,000,000.00	30,017,133.32	30,061,350.00			2.79		2.560	0.80
FHLMC Bond									
FHLMC 1.875 11/17/2020	5,000,000.00	4,960,318.18	5,014,300.00	S&P-AA+	Moodys-Aaa	0.47	11/17/2020	2.910	0.79
FHLMC Step 9/30/2021-17	4,903,000.00	4,823,908.25	4,902,068.43	S&P-AA+	Moodys-Aaa	0.46	09/30/2021	3.582	1.64
Sub Total / Average FHLMC Bond	9,903,000.00	9,784,226.43	9,916,368.43			0.92		3.243	1.21



Issuer	Face Amount	Book	Market	Credit	Credit	Portfolio %	Maturity Date	YTM @	Duration To
	Shares	Value	Value	Rating 1	Rating 2			Cost	Maturity
FNMA Bond									
FNMA 1.25 3/27/2020	10,435,000.00	10,410,372.54	10,431,139.05	S&P-AA+	Moodys-Aaa	0.97	03/27/2020	2.825	0.16
Sub Total / Average FNMA Bond	10,435,000.00	10,410,372.54	10,431,139.05			0.97		2.825	0.16
Local Government Investment Pool									
Commonwealth of Virginia LGIP	11,939.33	11,939.33	11,939.33	S&P-AAA	NR	0.00	N/A	1.736	0.00
Commonwealth of Virginia LGIP	151,424,135.29	151,424,135.29	151,424,135.29	S&P-AAA	NR	14.11	N/A	1.736	0.00
VIP Stable NAV LGIP	33,558,696.69	33,558,696.69	33,558,696.69	S&P-AAA	NR	3.13	N/A	1.770	0.00
Sub Total / Average LGIP	184,994,771.31	184,994,771.31	184,994,771.31			17.23		1.742	0.00
Money Market									
Access National Bank MM	57,389,701.95	57,389,701.95	57,389,701.95	NR	NR	5.35	N/A	1.740	0.00
BB&T MM	550,265.85	550,265.85	550,265.85	NR	NR	0.05	N/A	1.450	0.00
John Marshall Bank ICS MM	37,320,890.95	37,320,890.95	37,320,890.95	NR	NR	3.48	N/A	1.860	0.00
United Bank MM	62,211,406.93	62,211,406.93	62,211,406.93	NR	NR	5.80	N/A	1.770	0.00
Sub Total / Average Money Market	157,472,265.68	157,472,265.68	157,472,265.68			14.67		1.779	0.00
Negotiable Certificate Of Deposit									
CIBC NY Office 2.53 3/27/2020	15,000,000.00	15,000,451.10	15,021,150.00	S&P-A1	Moodys-P1	1.40	03/27/2020	2.510	0.15
CIBC NY Office 2.64 4/15/2020	30,000,000.00	30,000,000.00	30,062,400.00	S&P-A1	Moodys-P1	2.79	04/15/2020	2.640	0.21
Credit Mutuel-CIC NY 1.83 5/20/2020	20,000,000.00	20,000,000.00	20,009,600.00	S&P-A1	Moodys-P1	1.86	05/20/2020	1.830	0.30
Rabobank NY 2.05 7/17/2020	17,000,000.00	17,000,000.00	17,021,250.00	S&P-A1	Moodys-P1	1.58	07/17/2020	2.050	0.46
TD Bank NY 2.05 6/26/2020	10,000,000.00	10,000,000.00	10,016,200.00	S&P-A1+	Moodys-P1	0.93	06/26/2020	2.050	0.41
TD Bank NY 2.08 7/15/2020	10,000,000.00	10,000,000.00	10,019,500.00	S&P-A1+	Moodys-P1	0.93	07/15/2020	2.080	0.45
TD Bank NY 2.68 3/12/2020	15,000,000.00	15,000,000.00	15,017,400.00	S&P-A1+	Moodys-P1	1.40	03/12/2020	2.680	0.11
Sub Total / Average Negotiable CD	117,000,000.00	117,000,451.10	117,167,500.00			10.90		2.306	0.28
Treasury Note									
T-Note 1.375 10/31/2020	10,000,000.00	9,917,737.81	9,986,300.00	S&P-AA+	Moodys-Aaa	0.93	10/31/2020	2.504	0.74
T-Note 1.375 4/30/2020	10,000,000.00	9,972,493.89	9,993,800.00	S&P-AA+	Moodys-Aaa	0.93	04/30/2020	2.514	0.25
T-Note 1.5 5/15/2020	10,000,000.00	9,970,807.07	9,996,100.00	S&P-AA+	Moodys-Aaa	0.93	05/15/2020	2.537	0.29
T-Note 1.5 5/15/2020	15,000,000.00	14,957,550.26	14,994,150.00	S&P-AA+	Moodys-Aaa	1.40	05/15/2020	2.505	0.29
T-Note 1.5 6/15/2020	10,000,000.00	9,962,085.06	9,996,900.00	S&P-AA+	Moodys-Aaa	0.93	06/15/2020	2.542	0.37
T-Note 1.5 8/15/2020	10,000,000.00	9,946,954.64	9,995,300.00	S&P-AA+	Moodys-Aaa	0.93	08/15/2020	2.506	0.54
T-Note 1.5 8/15/2020	10,000,000.00	9,973,478.30	9,995,300.00	S&P-AA+	Moodys-Aaa	0.93	08/15/2020	2.000	0.54
T-Note 1.5 8/15/2020	5,000,000.00	4,987,006.61	4,997,650.00	S&P-AA+	Moodys-Aaa	0.47	08/15/2020	1.990	0.54
T-Note 1.625 10/15/2020	10,000,000.00	9,975,258.66	10,003,900.00	S&P-AA+	Moodys-Aaa	0.93	10/15/2020	1.981	0.70
T-Note 1.625 7/31/2020	5,000,000.00	4,991,229.91	5,000,800.00	S&P-AA+	Moodys-Aaa	0.47	07/31/2020	1.983	0.50
T-Note 2 11/30/2020	5,000,000.00	5,002,951.04	5,018,750.00	S&P-AA+	Moodys-Aaa	0.47	11/30/2020	1.927	0.83
T-Note 2 11/30/2020	6,000,000.00	6,007,702.70	6,022,500.00	S&P-AA+	Moodys-Aaa	0.56	11/30/2020	1.842	0.83

Issuer	Face Amount	Book	Market	Credit	Credit	Portfolio %	Maturity Date	YTM @	Duration To
	Shares	Value	Value	Rating 1	Rating 2			Cost	Maturity
T-Note 2.25 3/31/2020	10,000,000.00	9,995,677.76	10,009,400.00	S&P-AA+	Moody's-Aaa	0.93	03/31/2020	2.518	0.16
T-Note 2.25 3/31/2020	10,000,000.00	9,995,556.01	10,009,400.00	S&P-AA+	Moody's-Aaa	0.93	03/31/2020	2.526	0.16
T-Note 2.375 12/31/2020	7,000,000.00	7,033,940.79	7,052,500.00	S&P-AA+	Moody's-Aaa	0.65	12/31/2020	1.835	0.91
T-Note 2.375 4/30/2020	10,000,000.00	9,996,272.59	10,016,800.00	S&P-AA+	Moody's-Aaa	0.93	04/30/2020	2.528	0.25
T-Note 2.5 6/30/2020	10,000,000.00	9,999,380.42	10,036,300.00	S&P-AA+	Moody's-Aaa	0.93	06/30/2020	2.514	0.41
T-Note 2.625 7/31/2020	10,000,000.00	10,005,760.56	10,050,800.00	S&P-AA+	Moody's-Aaa	0.93	07/31/2020	2.506	0.50
T-Note 2.625 8/31/2020	5,000,000.00	5,018,680.31	5,029,300.00	S&P-AA+	Moody's-Aaa	0.47	08/31/2020	1.971	0.57
T-Note 2.75 9/15/2021	10,000,000.00	9,962,833.78	10,215,200.00	S&P-AA+	Moody's-Aaa	0.93	09/15/2021	2.990	1.58
T-Note 2.75 9/30/2020	10,000,000.00	9,994,777.34	10,076,200.00	S&P-AA+	Moody's-Aaa	0.93	09/30/2020	2.831	0.66
T-Note 2.75 9/30/2020	10,000,000.00	10,015,708.90	10,076,200.00	S&P-AA+	Moody's-Aaa	0.93	09/30/2020	2.507	0.66
T-Note 2.75 9/30/2020	5,000,000.00	5,029,631.02	5,038,100.00	S&P-AA+	Moody's-Aaa	0.47	09/30/2020	1.845	0.66
T-Note 2.75 9/30/2020	5,000,000.00	5,029,759.29	5,038,100.00	S&P-AA+	Moody's-Aaa	0.47	09/30/2020	1.841	0.66
T-Note 3.5 5/15/2020	10,000,000.00	10,027,859.67	10,052,000.00	S&P-AA+	Moody's-Aaa	0.93	05/15/2020	2.508	0.29
Sub Total / Average T-Note	218,000,000.00	217,771,094.39	218,701,750.00			20.31		2.382	0.53
TVA Bond									
TVA 3.875 2/15/2021	5,000,000.00	5,042,751.74	5,116,450.00	S&P-AA+	Moody's-Aaa	0.47	02/15/2021	3.017	1.01
Sub Total / Average TVA Bond	5,000,000.00	5,042,751.74	5,116,450.00			0.47		3.017	1.01
Total / Average	1,073,430,760.52	1,072,776,488.91	1,074,564,965.29			100		2.152	0.35

# Attachment B.

## NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

### MEMORANDUM

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

**FROM:** Michael Longhi, Chief Financial Officer

**DATE:** March 5, 2020

**SUBJECT:** Monthly Revenue Report

---

1. **Purpose:** To update the Northern Virginia Transportation Authority (NVTA) on monthly revenue receipts and 30% funds distributed to member localities.
2. **Background:** The attached reports reflect funding received and distributed through January 2020. December receipts represent four months of FY2020 Sales Tax revenue.
3. **Comments:**
  - a. **FY2020 Revenues (Attachment A)**
    - i. The Authority has received approximately \$120.2 million through the January 2020 transfers from the Commonwealth.
    - ii. Actual revenue (five months of sales tax receipts) to estimate comparison of annual sales tax revenues through January 2020 shows an 8.5% positive variance in receipts compared to the FY2020 adopted revenue projections.
    - iii. The positive variance can be greatly attributed to the newly taxed internet sales but NVTA lacks the data to differentiate the internet sales from the annual growth experienced in the past.
    - iv. Revenue related to Heavy Truck Registration and Diesel Fuel (SB1716) has not materialized at the level to support Commonwealth projections for FY2020. The chart below summarizes actual receipts compared to the Commonwealth's projections.

VDOT Projections of I-81 Related Revenue to NVTA				
(All \$ in millions, as of January 28, 2020)				
	VDOT		Actual	Projected
	Total Projection*	YTD Projection**	Receipts***	Year End
<b>FY2020</b>	\$ 9.4	\$ 3.9	\$ 1.0	\$ 2.4
<b>FY2021</b>	\$ 13.8			
<b>FY2022</b>	\$ 19.5			
<b>FY2023</b>	\$ 19.7			
<b>FY2024</b>	\$ 19.4			
<b>FY2025</b>	\$ 19.6			

\*Presentation by VDOT CFO Laura Farmer to the CTB - June 18, 2019

\*\*Based on Total Projection / 12 months

\*\*\*CoVA reports 5 months of receipts

**b. FY2020 Distribution to localities (Attachment B)**

- i. Eight jurisdictions have completed the required annual HB2313 certification to receive FY2020 Local Distribution Funds (30%). The remaining jurisdiction has been contacted and is aware of the deadlines.
- ii. As of January 2020, approximately \$35.4 million of the \$36.4 million of 30% local distribution funds have been distributed to member jurisdictions.

**c. FY2015 to FY2020 Year over Year Revenue Comparison (Attachment C).** This chart reflects a month-to-month comparison of sales tax revenue and a year-to-year comparison of fiscal year to date revenues received through January 2020.

**d. Sales Tax Forecast Model V. Projection (Attachment D).** This chart reflects tracking of current fiscal year revenue on an actual to projection basis. A statistical packet called Palisade's Stat Tools is now used to improve the accuracy of the tracking. The reports from the tool are forecasting actual revenue to exceed NVTA projections. However, the tool is unable segregate usual annual growth in sales tax from the newly implemented internet sales tax receipts.

**Attachments:**

- A. Sales Tax Revenues Received Compared to NVTA Estimates, Through January 2020
- B. FY2020 30% Distribution by Jurisdiction, through January 2020
- C. Month to Month Comparison of Sales Tax Revenue and YTD Receipts for January 2015 to 2020
- D. Palisade's Stat Tool Analysis of FY2020 Revenue Actual to Projections

# Attachment B1.

**NORTHERN VIRGINIA TRANSPORTATION AUTHORITY**  
**SALES TAX REVENUES RECEIVED BY JURISDICTION, COMPARED TO NVT A ESTIMATES**  
**Based on: Revenue Data Through January 2020**  
**FYE June 30, 2020**

Regional Sales Tax		Annualized		FY2020 Budget	Annualized - Actual To Budget	
Transaction Months	5	Received To Date	Revenue based on YTD Receipts			
City of Alexandria		\$ 7,775,549	\$ 18,661,318	\$ 16,379,177	\$ 2,282,141	
Arlington County		12,411,459	29,787,502	25,943,302	3,844,200	
City of Fairfax		3,148,459	7,556,301	7,506,931	49,370	
Fairfax County		50,770,932	121,850,238	114,583,396	7,266,842	
City of Falls Church		1,395,213	3,348,512	2,777,700	570,812	
Loudoun County		23,433,441	56,240,258	52,470,000	3,770,258	
City of Manassas		2,646,050	6,350,521	5,202,000	1,148,521	
City of Manassas Park		665,806	1,597,934	1,469,727	128,207	
Prince William County		17,916,340	42,999,216	39,514,160	3,485,056	
Total Sales Tax Revenue		\$ 120,163,250	\$ 288,391,801	\$ 265,846,393	\$ 22,545,408	8.5%

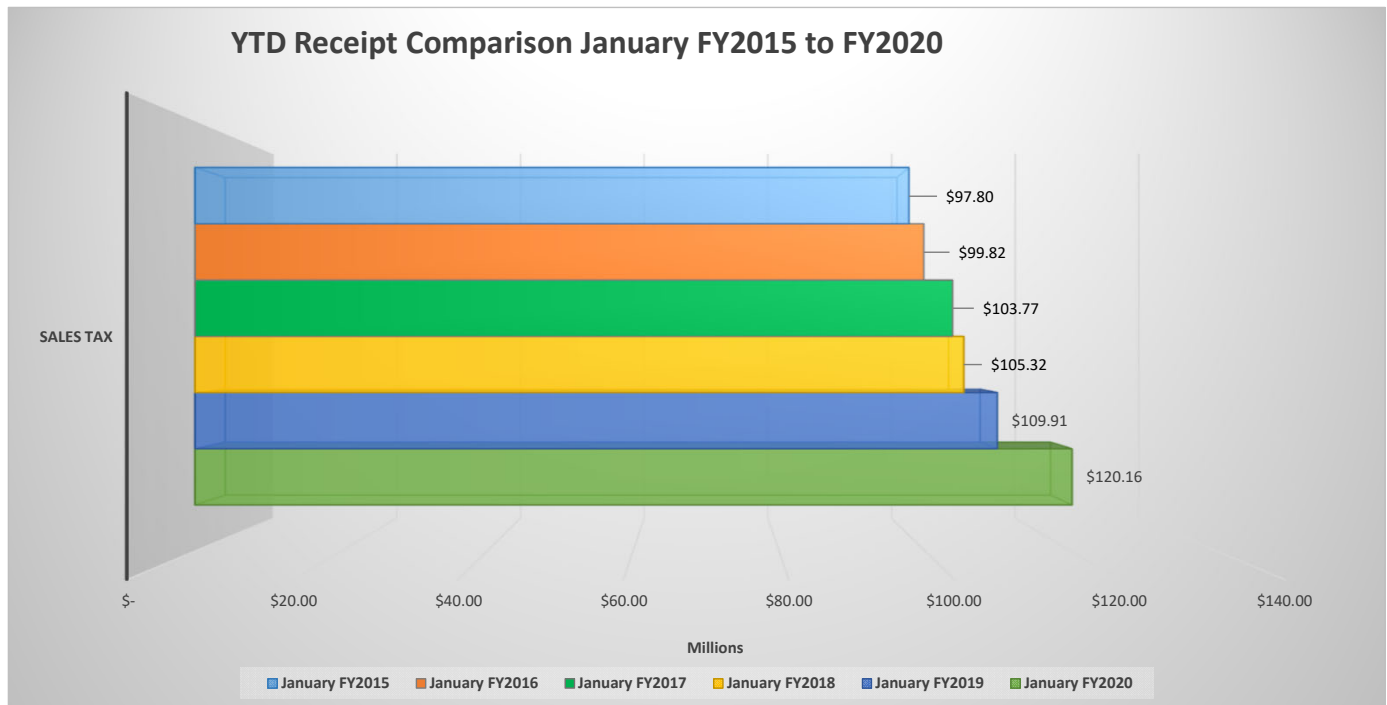
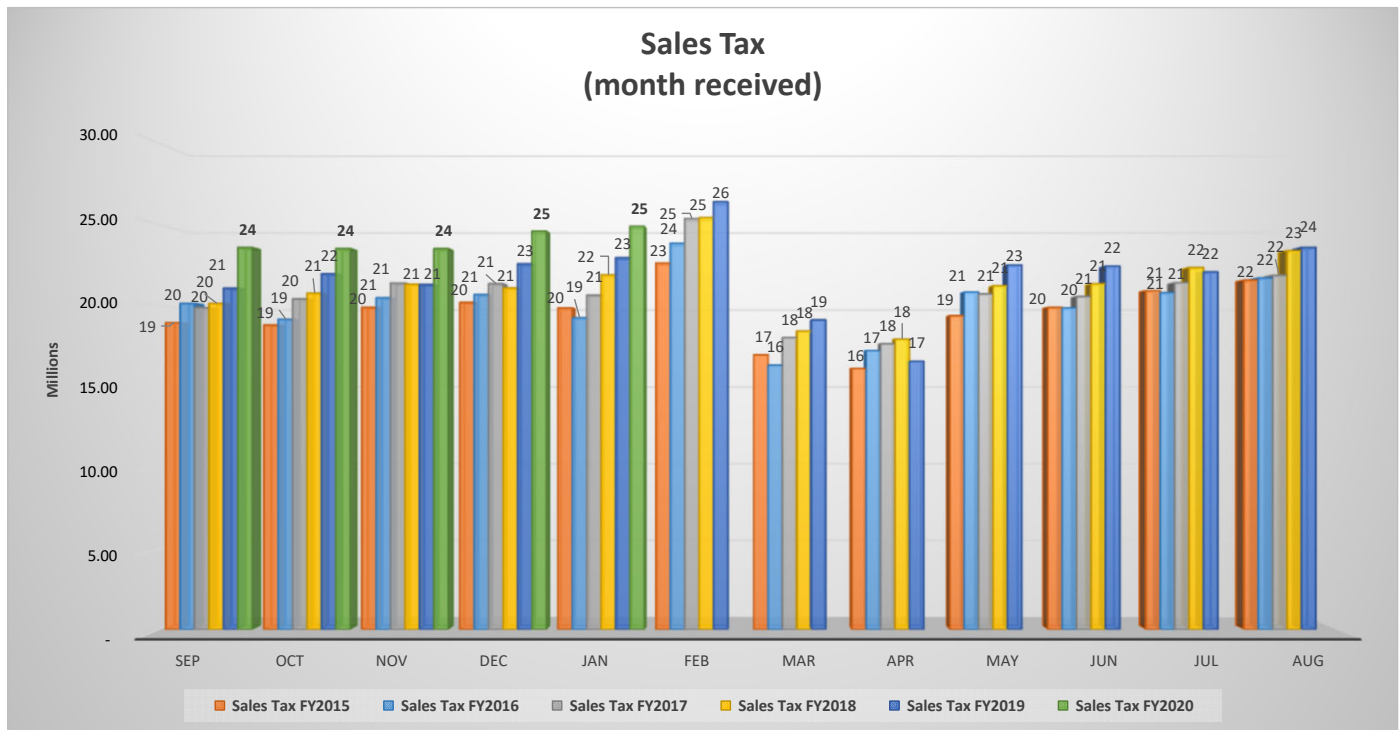
Vehicle License-Registration Fees		Annualized		FY2020 Budget	Annualized - Actual To Budget	
Transaction Months	5	Received To Date	Revenue based on YTD Receipts			
City of Alexandria		\$ 67,580	\$ 162,192	\$ 564,162	\$ (401,970)	
Arlington County		\$ 105,915	254,197	932,871	(678,674)	
City of Fairfax		\$ 26,777	64,265	248,699	(184,433)	
Fairfax County		\$ 428,147	1,027,553	3,850,016	(2,822,463)	
City of Falls Church		\$ 12,079	28,988	88,448	(59,460)	
Loudoun County		\$ 200,643	481,542	1,768,831	(1,287,289)	
City of Manassas		\$ 22,888	54,931	170,283	(115,351)	
City of Manassas Park		\$ 5,631	13,515	52,506	(38,991)	
Prince William County		\$ 149,284	358,281	1,324,184	(965,903)	
Total Vehicle License-Registration Fees		\$ 1,018,944	\$ 2,445,465	\$ 9,000,000	\$ (6,554,535)	-72.8%
Total Revenue Received		\$ 121,182,194	\$ 290,837,266	\$ 274,846,393	\$ 15,990,873	5.82%
		\$ 121,182,194				

**Attachment B2.**

**NORTHERN VIRGINIA TRANSPORTATION AUTHORITY**  
**FY2020 30% DISTRIBUTION BY JURISDICTION**

**Based on: Revenue Data Through January 2020**

[illegible]



## Attachment B4.

NVTa Sales Tax Revenue Forecast: Model vs Actual vs Projection										
FY	Forecasting Data	Monthly Actual	Model Factors			Monthly Model Forecast	Statistical Variance	End of Year		Actual YTD
			Level	Trend	Season			Model Forecast	NVTa Projected	
	Sep-2017	\$20,154,895.20	20,905,908.90	80,791	0.98	\$20,591,363	-436,468			\$20,154,895
	Oct-2017	\$20,786,302.49	20,990,927.14	80,791	0.99	\$20,771,698	14,605			\$40,941,198
	Nov-2017	\$21,343,035.02	21,056,754.24	80,791	1.02	\$21,396,074	-53,039			\$62,284,233
	Dec-2017	\$21,115,954.89	20,974,298.50	80,791	1.03	\$21,700,990	-585,035			\$83,400,188
	Jan-2018	\$21,915,158.59	21,227,738.59	80,791	1.01	\$21,305,331	609,828			\$105,315,346
	Feb-2018	\$25,453,242.98	21,252,013.39	80,791	1.21	\$25,691,099	-237,856			\$130,768,589
	Mar-2018	\$18,454,177.89	21,388,059.90	80,791	0.86	\$18,288,820	165,358			\$149,222,767
	Apr-2018	\$17,961,787.93	21,568,857.32	80,791	0.82	\$17,674,395	287,392			\$167,184,555
	May-2018	\$21,248,451.07	21,517,419.18	80,791	1.00	\$21,711,338	-462,887			\$188,433,006
	Jun-2018	\$21,365,953.89	21,568,466.48	80,791	0.99	\$21,469,160	-103,206			\$209,798,960
	Jul-2018	\$22,367,630.32	21,701,747.26	80,791	1.02	\$22,179,914	187,717			\$232,166,590
<b>FY18</b>	Aug-2018	\$23,408,268.73	21,811,254.81	80,791	1.07	\$23,301,040	107,228	\$256,081,222	\$255,571,902	<b>\$255,574,859</b>
	Sep-2018	\$21,094,228.16	21,793,283.80	80,791	0.98	\$21,431,728	-337,499			\$21,094,228
	Oct-2018	\$21,988,380.92	21,972,021.44	80,791	0.99	\$21,649,982	338,399			\$43,082,609
	Nov-2018	\$21,319,898.61	21,750,261.16	80,791	1.02	\$22,392,270	-1,072,371			\$64,402,508
	Dec-2018	\$22,602,475.35	21,883,927.83	80,791	1.03	\$22,412,983	189,493			\$87,004,983
	Jan-2019	\$22,970,788.81	22,175,641.68	80,791	1.01	\$22,225,771	745,018			\$109,975,772
	Feb-2019	\$26,427,800.56	22,159,926.61	80,791	1.21	\$26,833,960	-406,159			\$136,403,572
	Mar-2019	\$19,145,453.91	22,266,872.48	80,791	0.86	\$19,067,183	78,271			\$155,549,026
	Apr-2019	\$16,589,175.00	21,718,271.67	80,791	0.82	\$18,397,885	-1,808,710			\$172,138,201
	May-2019	\$22,525,822.45	21,988,926.24	80,791	1.00	\$21,861,178	664,644			\$194,664,024
	Jun-2019	\$22,453,420.16	22,218,303.60	80,791	0.99	\$21,937,850	515,570			\$217,117,444
	Jul-2019	\$22,103,784.06	22,091,644.54	80,791	1.02	\$22,845,679	-741,895			\$239,221,228
<b>FY19</b>	Aug-2019	\$23,605,506.73	22,142,277.55	80,791	1.07	\$23,718,118	-112,611	\$264,774,585	\$258,926,224*	<b>\$262,826,735</b>
	Sep-2019	\$23,603,917.67	22,763,884.18	80,791	0.98	\$21,755,790	1,848,128			\$23,603,918
	Oct-2019	\$23,492,820.82	23,100,014.98	80,791	0.99	\$22,610,639	882,182			\$47,096,738
	Nov-2019	\$23,534,125.70	23,179,818.34	80,791	1.02	\$23,537,627	-3,501			\$70,630,864
	Dec-2019	\$24,619,413.33	23,466,753.33	80,791	1.03	\$23,880,646	738,767			\$95,250,278
	Jan-2020	\$24,919,875.09	23,856,833.75	80,791	1.01	\$23,827,408	1,092,467			\$120,170,152.61
	Feb-2020					\$28,860,926				
	Mar-2020					\$20,591,221				
	Apr-2020					\$19,839,856				
	May-2020					\$24,248,898				
	Jun-2020					\$24,115,830				
	Jul-2020					\$24,938,229				
<b>FY20</b>	Aug-2020	<b>*Current Fiscal Year Projection</b>				\$26,124,901		\$284,331,970	\$265,846,393*	



## NVTA Sales Tax Revenue Forecast 2014-2020: Model Observations

### Winters' Exponential Smoothing Forecast

#### Forecasting Constants (Optimized)

Level (Alpha)	0.286
Trend (Beta)	0.000
Season (Gamma)	0.000

#### Winters' Exponential

Mean Abs Err	\$445,428.03
Root Mean Sq Err	\$600,942.09
Mean Abs Per% Err	2.15%

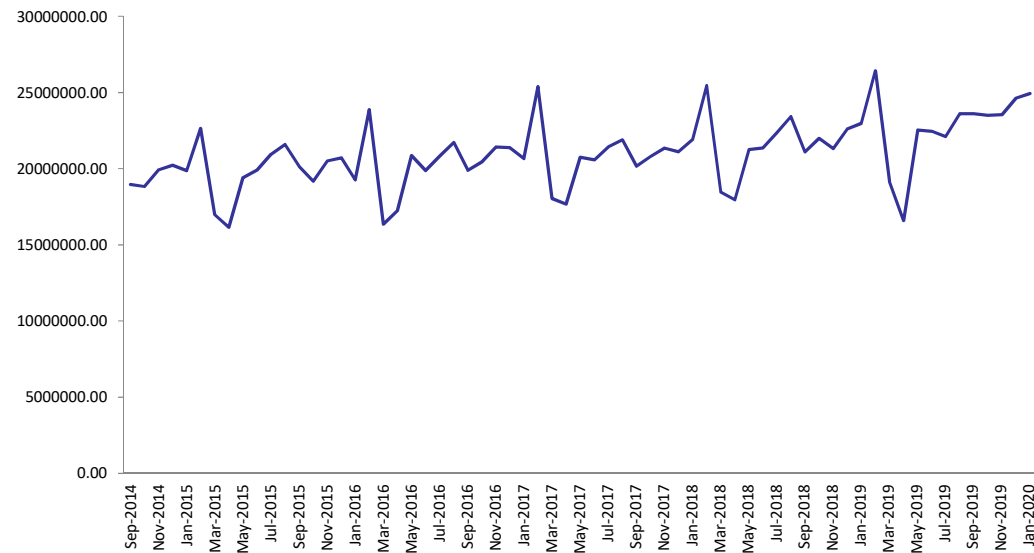
### Description:

The Holt-Winters models three aspects of a time series: a typical value (average), a slope (trend) over time, and a cyclical repeating pattern (seasonality). Holt Winters uses exponential smoothing to encode values from the past and use them to predict "typical" values for the present and future.

Forecast and Original Observations



Original Observations



# NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

## MEMORANDUM

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

**FROM:** Michael Longhi, Chief Financial Officer

**DATE:** March 5, 2020

**SUBJECT:** Monthly Operating Budget Report

---

1. **Purpose:** To update the Northern Virginia Transportation Authority (NVTa) on the Authority's Operating Budget for FY2020.
2. **Background:** For the FY2020 Operating Budget, the Authority elected to fund the budget through transfers from the Regional Revenue Fund. FY2020 is the first year this transfer was an option for the Authority.
3. **Comments:** Through January 31, 2020, the FY2020 Operating Budget has produced the following:
  - a. The Operating Budget is funded through quarterly transfers of \$740,948 from the Regional Revenue Fund. Quarterly transfers allow the unused budgeted funds to earn interest in the overall NVTa portfolio.
  - b. January 2020 represents 58% of the fiscal year. At this point in time, the Authority has utilized 50% of its FY2020 expenditure budget with all account categories remaining within budget. The lower than budgeted FY2020 expenditures is attributed to the Project Implementation, Monitoring and Management System (PIMMS) budget of \$150,232 not being drawn on. Invoicing for PIMMS will follow the development and implementation phases of the project.
  - c. The attached statement shows the total operating budget income and expenditure activity for FY2020 through January 31, 2020.

**Attachment:** FY2020 Operating Budget through January 31, 2020

		----- Current Year -----					
Account	Object	Description	Current	Current YTD	Budget	Variance	%
			Month				
Expenses							
410000		Personnel Expenses					
	110	Salaries-Regular Pay	165,520.59	810,114.52	1,474,032.00	663,917.48	55
	130	Health & Dental Benefits	11,603.95	105,814.05	243,109.00	137,294.95	44
	131	Payroll Taxes	12,348.59	52,343.34	112,878.00	60,534.66	46
	132	Retirement VRS	10,543.80	63,854.18	120,377.00	56,522.82	53
	133	Life Insurance	1,538.34	10,121.24	19,223.00	9,101.76	53
	134	Flex Spending/Dependent Care	57.08	336.56	874.00	537.44	39
	135	Workers Comp		1,474.00	1,621.00	147.00	91
	137	Disability Insurance	373.00	10,733.17	16,654.00	5,920.83	64
		Total Account	201,985.35	1,054,791.06	1,988,768.00	933,976.94	53
420000		Professional Services					
	210	Audit & Accounting Services		17,000.00	29,500.00	12,500.00	58
	220	Bank Service			750.00	750.00	
	230	Insurance		6,072.00	6,081.00	9.00	100
	240	Payroll Services	262.03	1,357.24	2,606.00	1,248.76	52
	260	Public Outreach & Regional Event Support	8,566.98	23,436.27	66,750.00	43,313.73	35
	261	Legal/Bond Counsel Services	360.00	6,840.00	25,000.00	18,160.00	27
	262	Financial Advisory Services	8,750.00	17,500.00	35,000.00	17,500.00	50
	263	Bond Trustee Fees		2,687.50	2,700.00	12.50	100
	264	Legislative Services	7,150.00	34,700.00	62,000.00	27,300.00	56
	265	Investment Custody Svc	5,080.00	10,100.00	25,000.00	14,900.00	40
		Total Account	30,169.01	119,693.01	255,387.00	135,693.99	47
430000		Technology/Communication					
	310	Acctg & Financial Report Systems	2,112.24	41,028.00	98,631.00	57,603.00	42
	320	HW SW & Peripheral Purchase		9,413.06	5,600.00	-3,813.06	168
	330	IT Support Svc Incl Hosting	1,587.03	12,459.09	23,374.00	10,914.91	53
	335	GIS/Project Mgt/Modeling		-500.00	150,232.00	150,732.00	
	340	Phone Service	862.70	5,269.09	10,716.00	5,446.91	49
	350	Web Develop & Hosting	1,087.50	4,033.01	9,756.00	5,722.99	41
		Total Account	5,649.47	71,702.25	298,309.00	226,606.75	24
440000		Administrative Expenses					
	410	Advertisement		195.00	1,500.00	1,305.00	13
	411	Dues & Subscriptions	897.50	11,224.22	10,544.00	-680.22	106
	412	Duplication & Printing	2,685.69	6,560.56	16,640.00	10,079.44	39
	413	Furniture & Fixture		7,802.12	8,100.00	297.88	96
	414	Hosted Meeting Expenses	689.57	3,176.37	3,780.00	603.63	84
	415	Mileage/Transportation	1,022.12	3,241.48	11,450.00	8,208.52	28
	417	Office Lease	14,044.96	109,290.77	190,561.00	81,270.23	57
	418	Office Supplies	486.54	2,575.43	8,065.00	5,489.57	32
	419	Postage & Delivery		157.30	700.00	542.70	22
	420	Professional Develop & Training	3,984.30	8,373.32	23,650.00	15,276.68	35
		Total Account	23,810.68	152,596.57	274,990.00	122,393.43	55

1000 General Fund

		----- Current Year -----				
Account Object	Description	Current Month	Current YTD	Budget	Variance	%
	Total Expenses	261,614.51	1,398,782.89	2,817,454.00	1,418,671.11	50
	Net Income from Operations	-261,614.51	-1,398,782.89			
Other Revenue						
383000	Transfer Operating Budget from Regional Revenue		1,481,896.50	2,963,793.00	-1,481,896.50	50
						50
	Total Other Revenue	0.00	1,481,896.50	2,963,793.00	-1,481,896.50	50
Other Expenses						
521000	Transfers					
820	Transfer to Operating Reserve			563,491.00	563,491.00	
825	Transf to Equip Reserve			26,986.00	26,986.00	
	Total Account			590,477.00	590,477.00	
	Total Other Expenses	0.00	0.00	590,477.00	590,477.00	
	Net Income	-261,614.51	83,113.61			

## NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

### MEMORANDUM

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

**FROM:** Mayor Wilson, Chair, Planning and Programming Committee

**DATE:** March 5, 2020

**SUBJECT:** Report from the Planning and Programming Committee

---

1. **Purpose:** To update the Northern Virginia Transportation Authority (NVTA) on recent activities of the NVTA Planning and Programming Committee (PPC).
2. **Background:** The PPC met on March 2, 2020. The committee met for the first time since the adoption of FY2018-2023 Six Year Program (SYP) in June 2018.
3. **Comments:**
  - a. **FY2020-2025 Six Year program**
    - i. The Committee received the draft evaluation results of the 41 candidate projects under funding consideration for the FY2020-2025 SYP.
    - ii. The Committee members discussed various aspects of project evaluation including criteria, process, and timeline.
  - b. **TransAction**
    - i. The Committee received a briefing on the recent commencement of the TransAction update process including the TransAction Listening Session, development of scope of work for TransAction update, and anticipated schedule.
  - c. **Other Activities**
    - i. The Committee received an update on various Authority activities including the efforts to restore funding diverted to Metro as part of HB 1539, Transportation Technology Committee (TTC) and its Strategic Plan, and Regional Multimodal Mobility Program (RM3P).
  - d. **Next Steps**
    - i. The Committee will continue to review the SYP materials and provide input on the development of SYP and TransAction.
    - ii. The Committee will reconvene at the next meeting scheduled for 5pm, Monday, May 4, 2020.
    - iii. The Committee is in the process of scheduling the June meeting, which will be the meeting that the PPC finalizes the FY2020-2025 SYP recommendation to the Authority.

# NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

# XIV.

## MEMORANDUM

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

**FROM:** Councilmember Colbert, Chair-Nominee  
Planning Coordination Advisory Committee

**DATE:** March 5, 2020

**SUBJECT:** Report from the Planning Coordination Advisory Committee

---

**1. Purpose.** To inform the Northern Virginia Transportation Authority (NVTA) on recent activities of the NVTA Planning Coordination Advisory Committee (PCAC).

**2. Background.** The PCAC met on February 26, 2020.

During this inaugural meeting for the CY2020, the Committee took action on following two items:

- a. Councilmember Linda Colbert (Town of Vienna) was nominated as Chair; while Councilmember Selonia Miles (Town of Dumfries) was nominated as Vice-chair.
- b. A meeting calendar for CY2020 was approved, with 6:30 p.m. on 4<sup>th</sup> Wednesday of the month as the usual meeting time.

This was followed by a new member orientation, where NVTA Executive Director Ms. Backmon gave an overview of the organization, its primary responsibilities, and this Committee's role in the overall process.

Staff then presented the following information items:

**3. FY 2020-2025 Six Year Program Update.** The committee received a briefing on the candidate project evaluation as of the date. Staff presented the analysis framework for project evaluation with quantitative and qualitative factors. A tentative schedule with upcoming milestones and adoption date was also discussed.

**4. TransAction Update.** Staff explained the role and process of long-range transportation planning at NVTA, and a brief history of prior plans. Members were briefed on the activities to update the current plan. The NVTA 2019 perception survey was highlighted, where nuances of citizens' attitude towards over-arching quality-of-life factors were discussed.

5. **Transportation Technology Strategic Plan.** To address the rapidly emerging trends in transportation modes and technologies, the Executive Director has convened a group of experts from both public and private sectors to provide advice on this topic. With the active guidance from this group, staff is preparing a strategic plan to integrate into the TransAction update. Members were briefed on the broad topics of this plan.
6. **Next steps.** I envision the PCAC will continue to be engaged in the process to adopt NVTAs FY2020 - 2025 Six Year Program, and the update of its long-range plan TransAction.

The date for the next meeting of the PCAC is Wednesday, March 25, 2020. The meeting will start at 6:30pm at NVTAs offices.



## NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

### MEMORANDUM

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

**FROM:** Randy Boice, Chair, Technical Advisory Committee

**DATE:** March 5, 2020

**SUBJECT:** Report from the Technical Advisory Committee

---

1. **Purpose:** To inform the Northern Virginia Transportation Authority (NVTA) on recent activities of the NVTA Technical Advisory Committee (TAC).
2. **Background:** The TAC met on February 19<sup>th</sup>, 2020. The committee met for the first time since the adoption of FY2018-2023 Six Year Program (SYP) in June 2018, and received an update on the ongoing process for filling the vacant positions on the committee.
3. **Comments:**
  - a. **FY2020-2025 Six Year program**
    - i. The Committee received the draft evaluation results of the 41 candidate projects under funding consideration for the FY2020-2025 SYP.
    - ii. The Committee members discussed various aspects of project evaluation and provided suggestions to make it easier for the public to understand
  - b. **TransAction**
    - i. The Committee received a briefing on the recent commencement of the TransAction update process including the TransAction Listening Session, modification of performance measures, development of scope of work for TransAction update, and anticipated schedule.
  - c. **Other Activities**
    - i. The Committee received an update on various Authority activities including the efforts to restore funding diverted to Metro as part of HB 1539, Transportation Technology Committee (TTC) and its Strategic Plan, Regional Multimodal Mobility Program (RM3P), and the upcoming Fifth Annual Northern Virginia Transportation Roundtable.
  - d. **Next Steps**
    - i. The Committee will continue to review the SYP materials and provide input on the development of SYP and TransAction.
    - ii. The Committee will reconvene on Wednesday, March 18<sup>th</sup>, 2020. New member orientation will be held at 6:30 pm prior to 7pm start of the meeting.

# NORTHERN VIRGINIA TRANSPORTATION AUTHORITY **XVI.**

## MEMORANDUM

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

**FROM:** Monica Backmon, Executive Director

**DATE:** March 5, 2020

**SUBJECT:** Executive Director's Report

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**Purpose:** To inform the Northern Virginia Transportation Authority (NVTa) of items of interest not addressed in other agenda items.

- 1. Regional Multi-Modal Mobility Program (RM3P).** The VDOT-led project team is developing detailed concepts for each of the initiative's five program areas. NVTa staff continues to play key technical, programmatic, and communications roles with the project team. Recently, NVTa staff participated in the kick-off meeting for the independent RM3P evaluation. Upcoming activities include the inaugural meeting of the RM3P Stakeholder Advisory Group, and 'Industry Days' to explore ways in which the private sector can participate in RM3P deployment.
- 2. 5th Annual Northern Virginia Transportation Roundtable.** This event, which NVTa organizes and hosts in collaboration with the Intelligent Transportation Society of Virginia, is once again SOLD OUT. One hundred attendees are expected, comprising a mix of Authority members and other elected officials, jurisdiction/agency staff, NVTa stakeholders, industry thought-leaders, private sector, and others. The roundtable features two panels. The first panel will consider whether the DC metro region is ready for connected, autonomous, shared, and electric vehicles from the perspective of public agency representatives across the region. The second panel will provide a perspective on how the private sector would like the region to embrace transportation technologies. Jointly with Cathy McGhee, the Commonwealth's Director of Transportation Innovation and Research, I will provide a high-level overview on the current status of our Commonwealth-funded Regional Multimodal Mobility Program (RM3P) initiative.

3. **2020 Town's Funding Opportunities Workshop.** On February 28<sup>th</sup>, I presented at the 2020 Town's Funding Opportunities Workshop held at the VDOT Northern Virginia District offices in Fairfax. The event was coordinated by Mary Hynes, Authority and CTB member, and gathered elected officials and staff together. Topics of discussion included: Transportation funding opportunities, application timeline and description of transportation funding programs.
4. **OmniRide Mentorship Program-Transportation Forum.** On February 28, 2020, Mike Longhi, NVTA Chief Financial Officer, participated in the OmniRide Mentorship Program-Transportation Forum, which is a career development effort by OmniRide to enrich the professional perspectives and experiences of their employees. In addition to Mr. Longhi, the panel included participants from Prince William County, VDOT, NVTC, Alexandria's DASH bus system and the private industry. Mr. Longhi noted "a public service career in transportation is an opportunity to positively influence the lives of millions of people over decades of service."
5. **Presentation to the World Bank.** On Wednesday, March 4<sup>th</sup>, I presented before the World Bank's Urban Mobility GSG. The presentation titled, "From Vision to Reality: Northern Virginia Transportation Authority – A Case of Innovating Urban Transport Financing," covered several topics including NVTA's structure, past and present legislation, regional planning and programming, and the importance of cross-jurisdictional collaboration. A roomful of World Bank staff attended in-person, as well as via teleconference from across the globe.
6. **Connected and Autonomous Vehicle (CAV) Forum.** The Transportation Planning Board (TPB) is hosting the first of three CAV Forums on March 31, 2020. The initial forum will include subject matter expert panel discussions and breakout groups, to prioritize related topics for future TPB activities. A second forum is planned in spring 2020, followed in late spring by a leadership forum with the Board. NVTA staff (and other NoVA region representatives) have served on a TPB advisory committee supporting the development of this initiative, and will participate in the upcoming forums.
7. **Regional Joint Public Information Officer (PIO Meeting).** The Regional Joint Public Information Officer Meeting, which the NVTA coordinates on a quarterly basis, will meet on Tuesday, May 5<sup>th</sup> at 10:30 a.m. at the NVTC offices. This will be the second meeting of the year. The PIOs will discuss regional collaboration, FY 2020-2025 Six Year Program public comment period updates, transportation-related events and communication strategies.

**8. NVTA Standing Committee Meetings:**

- **Governance and Personnel Committee:** The next meeting of the NVTA Governance and Personnel Committee TBD.
- **Finance Committee:** The NVTA Finance Committee is scheduled to meet next on Thursday, April 16, at 1:00pm.
- **Planning and Programming Committee:** The NVTA Planning and Programming Committee is scheduled to meet in Monday, May 4<sup>th</sup> at 5:00pm.

**9. NVTA Statutory Committee Meetings:**

- **Technical Advisory Committee:** The NVTA Technical Advisory Committee is scheduled to meet March 18<sup>th</sup> at 7:00pm.
- **Planning Coordination Advisory Committee:** The NVTA Planning Coordination Advisory Committee is scheduled to meet March 25<sup>th</sup> at 6:30pm.

**10. CMAQ-RSTP Transfers:**

- CMAQ and RSTP Transfers requested since the last Executive Director's report are presented in Attachment A.

**11. Regional Projects Status Report:**

- Please note the updated Regional Projects Status Report (Attachment B), which provides a narrative update for each project and the amount of project reimbursements requested and processed to date.

**Attachments:**

- A. CMAQ-RSTP Transfers
- B. Regional Projects Status Report



# Attachment A1.

DEPARTMENT OF TRANSPORTATION AND ENVIRONMENTAL SERVICES  
Infrastructure and Environmental Quality  
P.O. Box 178 – City Hall  
Alexandria, Virginia 22313  
[www.alexandriava.gov](http://www.alexandriava.gov)

February 18, 2020

Noelle Dominguez, Chairwoman  
Regional Jurisdiction and Agency Coordinating Committee (RJACC)  
Northern Virginia Transportation Authority (NVTA)  
3040 Williams Drive, Suite 200  
Fairfax, Virginia 22031

Reference: Request to Modify Funding and Request for New Project for the City of Alexandria

Dear Ms. Dominguez:

The City of Alexandria requests the Regional Jurisdictional and Agency Coordinating Committee's (RJACC)'s approval for the following funding modification request:

- Transfer \$150,605 of allocated CMAQ ITS Integration Phase II funding from UPC 103932 to ITS Integration Phase IV, UPC 106592.

The ITS Integration Phase II project is complete, closed out and the final invoice has been received and paid. The remaining funding balance is \$150,605. Since this money is not needed for Phase II, the City requests that the balance can be transferred to ITS Integration Phase IV. Design on Phase IV will start later this year.

Thank you for your assistance in this matter. Please feel free to contact me at [hillary.orr@alexandriava.gov](mailto:hillary.orr@alexandriava.gov) or 703.746.4017 should you have further questions.

Sincerely,

A handwritten signature in black ink, appearing to read "H. Orr", is written over a horizontal line.

Hillary Orr  
Deputy Director  
Transportation & Environmental Services

cc:

Yon Lambert, Director  
Bob Garbacz, Division Chief of Traffic Engineering  
Tarrence Moorner, Division Chief of Strategic Management Services



## Attachment A2.

### Department of Community Development

February 27, 2020

Monica Backmon, Executive Director  
Northern Virginia Transportation Authority  
3040 Williams Drive, Suite 200  
Fairfax, VA 22031

RE: Request to Transfer Regional Surface Transportation Program funds

Dear Ms. Backmon:

The City of Manassas requests the approval of the Regional Jurisdiction and Agency Coordinating Committee (RJACC) for the transfer of \$1,273,852 in Regional Surface Transportation Program (RSTP) funds.

The funds will be transferred from the Liberia Avenue widening (PE only) project to NOVA Balance Entry Account. The City 2040 Comprehensive Plan adopted on February 24, 2020 does not include widening of the entire section and the future recommended improvements will be implemented in or after FY26. Consequently, this project is cancelled and VDOT requested transfer of the remaining funds to the NOVA Balance Entry Account.

If you have any questions or concerns about this request, please contact Chloe Delhomme at (703) 257-8235.

Sincerely,

Elizabeth S. Via-Gossman  
Community Development Director

cc. Bryan Foster, City of Manassas  
Sung Chung, City of Manassas  
Michelle Brickner, VDOT  
Carol Bondurant, VDOT

CMAQ/RSTP Transfer Request Form  
(One Sheet Needed Per Donor Project)

Date: 2/27/2020

Name of Jurisdiction/Agency Requesting: City of Manassas

Current Balance of CMAQ/RSTP Funds Currently Allocated to Donor Project (Prior to this Transfer): \$1,273,852

From (Donor):					To (Recipient):								
UPC	Project Description	Type of Funds	Transfer from Previous Fiscal Years	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)
102903	Liberia Avenue widening project (PE only)	RSTP	Y		\$1,273,852	NOVA Balance Entry Account	N/A						

TOTAL OF TRANSFER \$1,273,852

Attach Signed Request of Transfer Letter



## Attachment A3.

### Department of Community Development

February 27, 2020

Monica Backmon, Executive Director  
Northern Virginia Transportation Authority  
3040 Williams Drive, Suite 200  
Fairfax, VA 22031

RE: Request to Transfer Regional Surface Transportation Program Funds

Dear Ms. Backmon:

The City of Manassas requests the approval of the Regional Jurisdiction and Agency Coordinating Committee (RJACC) for the transfer of \$2,131,433 in Regional Surface Transportation Program (RSTP) funds.

The funds will be transferred from the Liberia Avenue widening (PE only) project to the Route 28/Nokesville widening project (UPC 96721). The City 2040 Comprehensive Plan adopted on February 24, 2020 does not include widening of the entire Liberia Avenue corridor from Centreville Road to Richmond Avenue and future recommended improvements to a smaller portion of the road will be implemented in or after FY26. The Route 28/Nokesville widening project is over budget and, with this transfer, can proceed to be advertised for construction in Spring 2020. Improvements to Route 28 are a priority for the City.

If you have any questions or concerns about this request, please contact Chloe Delhomme at (703) 257-8235.

Sincerely,

Elizabeth S. Via-Gossman  
Community Development Director

cc. Bryan Foster, City of Manassas  
Sung Chung, City of Manassas  
Michelle Brickner, VDOT  
Carol Bondurant, VDOT



## CMAQ/RSTP Transfer Request Form

(One Sheet Needed Per Donor Project)

Date: 2/27/2020

Name of Jurisdiction/Agency Requesting: City of Manassas

Current Balance of CMAQ/RSTP Funds Currently Allocated to Donor Project (Prior to this Transfer): \$3,405,285

From (Donor):

To (Recipient):

[illegible]

TOTAL OF TRANSFER

\$2,131,433

Attach Signed Request of Transfer Letter



# County of Fairfax, Virginia **Attachment A4.**

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

February 20, 2020

Ms. Noelle Dominguez, Chairman  
Regional Jurisdiction and Agency Coordinating Committee  
Northern Virginia Transportation Authority  
3040 Williams Drive, Suite 200  
Fairfax, Virginia 22031

Re: Reallocation of Regional Surface Transportation Program Funds

Dear Ms. Dominguez: *Noelle*

Fairfax County requests the approval of the Regional Jurisdiction and Agency Coordinating Committee (RJACC) to transfer a total of \$1,605,000 in federal funding as follows:

- \$1,080,000 in previous year Regional Surface Transportation Program (RSTP) funds from the parent Reston Metrorail Access Group (RMAG) account (UPC 100470) to RMAG project Wiehle Avenue & W&OD Trail (UPC 107439).
- \$525,000 in previous year RSTP funds from the Preliminary Engineering RMAG account (UPC 104294) to RMAG project Wiehle Avenue & W&OD Trail (UPC 107439).

The funding, which is being transferred from other RMAG projects that are nearly complete, helps provide additional funding for the Wiehle Avenue & W&OD Trail. The Authority has previously approved funding for the project.

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

Sincerely,

Tom Biesiadny  
Director

cc. Todd Wigglesworth, Fairfax County Department of Transportation (FCDOT)  
Brent Riddle, FCDOT  
Carole Bondurant, Virginia Department of Transportation (VDOT)  
Bethany Mathis, VDOT  
Jan Vaughan, VDOT

# CMAQ/RSTP Transfer Request Form

(One Sheet Needed Per Donor Project)

Date: 2/20/2020

Name of Jurisdiction/Agency Requesting: Fairfax County

Current Balance of CMAQ/RSTP Funds Currently Allocated to Donor Project (Prior to this Transfer): \$1,080,000; \$525,000

From (Donor):

To (Recipient):

UPC	Project Description	Type of Funds	Transfer from Previous Fiscal Years	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)
100470	RMAG - Parent Account	RSTP	Y		\$1,080,000.00	107439	Wiehle Avenue & W&OD Trail	Y	2016				
104294	RMAG - PE Account	RSTP	Y		\$525,000.00	107439	Wiehle Avenue & W&OD Trail	Y	2016				

TOTAL OF TRANSFER

\$1,605,000.00

Attach Signed Request of Transfer Letter

As of March 2020		
NVTAs Regional Fund Program FY2014 - FY2023		Upcoming Public Information Meeting(s):
Total Revenue Allocated	\$1,974,145,417	1. Loudoun County: Route 9 Traffic Calming (March 6, 2020) 2. Prince William County: Route 234/Brentsville Road Interchange (March 25, 2020)  <b>NOTE:</b> For the latest information on upcoming public events, please refer to the "Events and Meetings" section on our home page - <a href="https://thenovaauthority.org/">https://thenovaauthority.org/</a>
Total Number of Individual Projects	94	
SPAs	121	
Currently Active	73	
Closed Out	33	
Not Yet Appropriated	15	
Significant Status Updates (during January - March 2020)**		
Project Title (program year)	Updated Status	% Reimbursed
<b>Arlington County</b>		
Columbia Pike Multimodal Improvements (FY 2014)	Construction has started, as a part of local traffic management plan, traffic signal changes and turn restrictions are in place in locations.	33.4%
Ballston-MU Metrorail Station West Entrance (FY2015-16)	The county has signed a design support agreement with WMATA. Project consultant is preparing documents to request for a design requirement waiver from WMATA (number of elevators).	0.3%
Pentagon City Multimodal Connections and Transitway Extension (FY2018-2023)	Transitway Extension - Project consultant submitted 90% design for architectural, structural and electrical engineering design of the stations.	0.0%
<b>Fairfax County</b>		
VA Route 28 Widening - Prince William County Line to Route 29 (FY2016-16 and FY 2017)	FHWA approved the Categorical Exclusion as revised on October 30, 2019. The County is reviewing Alternative Technical Concepts submitted by the design-build team.	72.9%
Route 286 Fairfax County Parkway Widening: Route 123 to Route 29 (FY2015-16 and FY2017)	County Board of Supervisors will review the concept plans on April 14, 2020 for endorsement.	40.0%
<b>Loudoun County</b>		
Route 28 NB Widening Between Dulles Toll Road and Sterling Blvd. (FY2018-23)	Project expected to reach final completion by end of March 2020.	73.6%
Leesburg Park and Ride (FY2014)	Construction is completed in February 2020.	100.0%
Northstar Blvd - Shreveport Drive to Tall Cedars Parkway (FY2018-23)	Expecting location approval for Phase I at CTB March meeting.	0.0%
Route 9 Traffic Calming: Town of Hillsboro (FY2018-23)	Construction commenced on February 2020.	12.9%
<b>Prince William County</b>		
Route 28 (Manassas Bypass) Study - Godwin Drive extended (FY2015-16 and FY2018-23)	The County is working with the US Army Corps of Engineers on obtaining a permit for the bypass. A response is anticipated to be received by late spring/early summer, 2020.	58.6%
Construct Interchange at Prince William Pkwy and University Blvd (FY2018-23)	60% design plan was submitted to VDOT in February 2020.	1.7%
<b>City of Alexandria</b>		
Alexandria ITS Projects (FY2018-23)	City received approval to proceed with the procurement process in February 2020. The Bid opened on February 26, 2020.	0.0%
<b>City of Fairfax</b>		
Roadway Network Northfax West (FY2018-23)	The PE phase has started in February 2020.	0.2%
<b>City of Falls Church</b>		
Enhanced Regional Bike Routes (W&OD Trail) (FY2018-23)	Project consultant revising the 90% Plan based on inputs from the City staff.	6.0%
<b>City of Manassas</b>		
Route 28 Widening South to City Limits (FY2015-16)	PE plans at 100%; waiting for VDOT authorization for project advertising.	11.4%

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