



## Northern Virginia Transportation Authority

*The Authority for Transportation in Northern Virginia*

### **AGENDA**

Thursday, May 11, 2023

7 p.m., EST

3040 Williams Drive, Suite 200

Fairfax, VA 22031

*This meeting will be conducted in person and live-streamed via [NVRTA's YouTube Channel](#)<sup>1</sup>*

1. **Call to Order** Chair Randall
2. **Roll Call** Mr. Davis, Board Secretary
3. **Approval of February 9, 2023, Meeting Summary Minutes** Chair Randall  
*Recommended Action: Approval of February 9, 2023, Meeting Summary Minutes*
4. **Approval of April 13, 2023, Meeting Summary Minutes** Chair Randall  
*Recommended Action: Approval of April 13, 2023, Meeting Summary Minutes*

### **PRESENTATIONS**

5. **Analysis of Multimodal Capacity Expansion**  
Dr. Nampoothiri, Senior Transportation Planner
6. **Bicycle and Pedestrian Safety Programs in Northern Virginia**  
Ms. Mitter, Bicycle/Pedestrian and Park & Ride Coordinator, VDOT  
Mr. Lynch, Authority Member & Northern Virginia District Engineer, VDOT
7. **Infrastructure Investment & Jobs Act (IIJA) Funding Opportunities Overview**  
Mr. Bedell, Becker & Poliakoff and Authority Member

### **ACTION ITEMS**

8. **Approval of City of Alexandria's West End Transitway: Northern Segment (Phase 1) Standard Project Agreement (SPA) 2018-040-2**  
Ms. Backmon, Chief Executive Officer  
*Recommended Action: Approval of SPA 2018-040-2*
9. **Approval of Letter of Endorsement for City of Alexandria's FY2023 Charging and Fueling Infrastructure Discretionary Grant Application**  
Ms. Backmon, Chief Executive Officer  
*Recommended Action: Approval of Letter of Endorsement*

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<sup>1</sup> If technical difficulties arise, the meeting may be audio or video recorded. Any recordings will be made available on the [Authority's Meetings](#) webpage and in our [Authority Meeting Recap](#).

## **DISCUSSION/INFORMATION ITEMS**

**10. Chief Executive Officer's Report**

Ms. Backmon, Chief Executive Officer

**11. Chair's Comments**

Chair Randall

-July Authority Meeting Date

## **CLOSED SESSION**

*(If needed)*

**12. Adjournment**

Chair Randall

## **CORRESPONDENCE**

**Next Meeting: June 8, 2023, at 7:00pm**

**NVAR Fairfax Headquarters - 8407 Pennell St, Fairfax, VA 22031**



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

## **SUMMARY MINUTES**

Thursday, February 9, 2023

7 p.m. ET

3040 Williams Drive, Suite 200

Fairfax, VA 22031

*This meeting was conducted in person and livestreamed via [NVTA's YouTube Channel](#)*

### **1. Call to Order**

Vice Chair Snyder

- ✓ Vice Chair Snyder called the meeting to order at 7:05 p.m. and asked that the roll be called.

### **2. Roll Call**

Mr. Davis, Board Secretary

- ✓ **Membership: Attendees** Vice Chair David Snyder, Supervisor Walter Alcorn for Chairman Jeffrey McKay, Chair Ann Wheeler, Board Member Katie Cristol, Mayor Justin Wilson, Mayor Michelle Davis-Younger, Mayor Jeanette Rishell, Mayor Catherine Read, Senator Jennifer Boysko (Remote-Richmond-Distance), Supervisor Pat Herrity (7:08), Anthony Bedell (Remote-VA-Medical), Mary Hynes, Jim Kolb, Mayor Derrick Wood, John Lynch, and Jennifer DeBruhl (Remote-Richmond-Distance) **Non-Attendees** Chair Phyllis J. Randall.
- ✓ **Staff Attendees:** Chief Executive Officer Monica Backmon, Executive Assistant to CEO Amanda Sink, Chief Financial Officer Michael Longhi, Board Secretary Jonathan Davis, Communications & Public Affairs Manager Erica Hawksworth, Communications and Marketing Coordinator Abigail Hillerich, Assistant Finance Officer Peggy Teal, Principal, Transportation Planning and Programming Keith Jasper, Senior Transportation Planner Dr. Sree Nampoothiri, Regional Transportation Modeler Harun Rashid, Regional Transportation Planners Ian Newman and Griffin Frank.
- ✓ **Council of Counsels:** Daniel Robinson-Fairfax County, Rob Dickerson-Prince William County, Christina Zechman-Brown-City of Alexandria.
- ✓ **Other Attendees:** Sr. Vice President Tracy Baynard, McGuire Woods Consulting LLC. (Remote), Vice President Jay Corbalis, JBG Smith.

*Members of the Public were in person and were able to watch the meeting livestreamed via [NVTA's YouTube Channel](#)*

### **3. Approval of January 9, 2023, Meeting Summary Minutes**

Vice Chair Snyder

- ✓ Board Member Cristol moved Authority approval of the January 12, 2023, meeting summary minutes and seconded by Mayor Davis-Younger. The motion was unanimously approved with abstentions from Mr. Kolb.

## **PRESENTATION**

### **4. Impacts of NVTA Funding in National Landing**

Mr. Corbalis, Vice President, JBG Smith

- ✓ Ms. Backmon introduced Mr. Corbalis and spotlighted the economic impacts of NVTA's investments in National Landing including over \$250 million of NVTA funding. She also directed members to address any project specific questions they may have to project sponsors.
- ✓ Mr. Corbalis began the presentation by sharing the latest report "Mobility Next" which highlights how \$250 million of NVTA funding has helped reshape National Landing while promoting economic growth. He spoke to the various NVTA funded projects including the transitway extension to Pentagon City, Crystal City East Entrance, Crystal City to Reagan National Airport Multimodal Connection, and Virginia Railway Express (VRE) Crystal City Station and how each of these projects are contributing to the economic development of National Landing. Mr. Corbalis noted that National Landing will be one of the most transportation connected developments in the country.
- ✓ Mr. Corbalis shared why the collective NVTA funded projects are important to National Landing, namely the leveraging of existing networks to expand connectivity throughout the region. He shared a map showing new connections that will be within one hour of commute time to National Landing as well as a map depicting topical possibilities that are unlocked by the NVTA funded projects.
- ✓ Mr. Corbalis noted the \$26 billion in economic output and the 24% of Arlington County's tax dollars generated as a result of National Landing and further noted that such would not be possible without the robust and growing multimodal network which allows for the new development to occur.
- ✓ Mr. Corbalis concluded his presentation by noting the NVTA funded projects' impact in reducing congestion throughout National Landing. He noted that since 2000, National Landing has grown by 28% while average weekday traffic has reduced to 18%, a notable benefit of reducing traffic by investing in transit-oriented development.
- ✓ Board Member Cristol shared her appreciation of Mr. Corbalis for presenting on the outcomes from National Landing developments and expressed her excitement for these and other connected projects. She offered her staff's support to provide details on the initiatives taking place in Arlington County's National Landing.

*Ms. Backmon noted that the presentation on the "Analysis of Multimodal Capacity Expansion" was removed from the agenda due to an error and will be rescheduled to present later.*

### **5. NoVA Gateway Dashboard Update**

Mr. Jasper, Principal, Transportation Planning and Programming

- ✓ Mr. Jasper began the presentation by noting the previous NoVA Gateway Dashboard updates in September 2020 and December 2021. He added that the current NoVA

Gateway Dashboard includes minor updates and data from the July 2022 adoption of the FY2022-2027 Six Year Program.

- ✓ Mr. Jasper explained the architecture behind the NoVA Gateway Dashboard by noting the Six Year Program Application Portal, Project Module, and Standard Project Agreement Module which collectively integrate with the Program Information Management and Monitoring System (PIMMS) database. He added that PIMMS functions as the behind the scenes inputting and processing for the public-facing platform, the NoVA Gateway Dashboard. The Dashboard provides the current status of NVTA-regional funded multimodal transportation projects.
- ✓ Mr. Jasper noted that the data from six funding programs are built into the PIMMS database and further noted that each time an invoice is paid, the NoVA Gateway Dashboard is updated to provide real time data and information.
- ✓ Mr. Jasper shared how to access the NoVA Gateway Dashboard and highlighted features that allow users to search by funding status, project sponsor, project location, corridor segment, and transportation mode, as well as access project descriptions and tabulation of all NVTA-regionally funded projects with real time status updates.
- ✓ As a conclusion to the presentation, Mr. Jasper shared proposed NoVA Gateway Dashboard enhancements to include adding basic information on projects funded using NVTA's Local Distribution Fund and multimodal capacity expansion information for projects using NVTA's Regional Revenue Fund and or NVTA's Local Distribution Fund.

### **ACTION ITEMS**

**6. Approval of Prince William County's Construct Interchange at Prince William Parkway and Clover Hill Road SPA 2018-039-1** Ms. Backmon, Chief Executive Officer

- ✓ Ms. Backmon noted that the Construct Interchange at Prince William Parkway and Clover Hill Road project was adopted as part of the FY2018-2023 Six Year Program and received FY2023 appropriation approval on April 21, 2022, for an amount of \$1.9 million.
- ✓ Chair Wheeler moved Authority approval of the proposed Standard Project Agreement 2018-039-1, Prince William County (Construct Interchange at Prince William Parkway and Clover Hill Road), in accordance with NVTA's approved Project Description Sheet as appended to the Standard Project Agreement; and authorize the Chief Executive Officer to sign on behalf of the Authority, seconded by Mayor Wilson. The motion was unanimously approved.

**7. Approval of Prince William County's Summit School Road Extension and Telegraph Road Widening SPA 2020-036-2** Ms. Backmon, Chief Executive Officer

- ✓ Ms. Backmon noted that the Summit School Road Extension and Telegraph Road Widening project was adopted as part of the FY2020-2025 Six Year Program and received FY2023 appropriation approval on April 21, 2022, for an amount of \$24 million.

She also noted that before the FY2020-2025 Six Year Program funding, the project received \$11 million in funding.

- ✓ Chair Wheeler moved Authority approval of the proposed Standard Project Agreement 2020-036-2, Prince William County (Summit School Road Extension and Telegraph Road Widening), in accordance with NVTA's approved Project Description Sheet as appended to the Standard Project Agreement; and authorize the Chief Executive Officer to sign on behalf of the Authority, seconded by Mayor Davis-Younger. The motion was unanimously approved.

#### **8. Approval of Letter of Endorsement for Loudoun County's RAISE Program Application**

Ms. Backmon, Chief Executive Officer

- ✓ Ms. Backmon noted Loudoun County's forthcoming application for funding through the U.S. Department of Transportation's Rebuilding American Infrastructure with Sustainability and Equity (RAISE) program and highlighted that Loudoun County expects to utilize the funds to construct a grade separated overpass for bicyclists and pedestrians where the Washington and Old Dominion Trail crosses Sterling Boulevard.
- ✓ Senator Boysko moved Authority approval of the letter of endorsement for Loudoun County's Rebuilding American Infrastructure with Sustainability and Equity (RAISE) program application, seconded by Supervisor Alcorn. The motion was unanimously approved.

#### **9. Approval of Letter of Endorsement for Arlington County's RAISE Program Application**

Ms. Backmon, Chief Executive Officer

- ✓ Ms. Backmon noted Arlington County's forthcoming application for funding through the U.S. Department of Transportation's Rebuilding American Infrastructure with Sustainability and Equity (RAISE) program and highlighted that Arlington County's Arlington Memorial Trail project will construct a ten-foot-wide pedestrian and bicycle trail on the west side of Richmond Highway, connecting Memorial Avenue with Columbia Pike.
- ✓ Board Member Cristol moved Authority approval of the letter of endorsement for Arlington County's Rebuilding American Infrastructure with Sustainability and Equity (RAISE) program application, seconded by Mayor Wilson. The motion was unanimously approved.

#### **10. Approval of Letter of Endorsement for City of Manassas Park's RAISE Program Application**

Ms. Backmon, Chief Executive Officer

- ✓ Ms. Backmon noted the City of Manassas Park's forthcoming application for funding through the U.S. Department of Transportation's Rebuilding American Infrastructure with Sustainability and Equity (RAISE) program and further noted that the City of Manassas Park will implement Complete Streets recommendations in Park Central which will include implementing speed management tactics, mid-block crossing

treatments that represent crash reduction countermeasures, and a new street design that aligns vehicle speed with the downtown walkable environment.

- ✓ Mayor Rishell moved Authority approval of the letter of endorsement for the City of Manassas Park's Rebuilding American Infrastructure with Sustainability and Equity (RAISE) program application, seconded by Mayor Davis-Younger. The motion was unanimously approved.

#### **11. Approval of Letter of Support for the Relocation of the FBI Headquarters to Springfield Virginia**

Ms. Backmon, Chief Executive Officer

- ✓ Ms. Backmon noted the request from Fairfax County to support efforts in attracting the Federal Bureau of Investigation to relocate its Headquarters to Springfield, Virginia and highlighted that NVTa has invested \$63 million in the Springfield, Virginia area.
- ✓ Supervisor Alcorn moved Authority approval of the letter of support for the relocation of the Federal Bureau of Investigation Headquarters to Springfield Virginia, seconded by Supervisor Herrity. The motion was unanimously approved.

### **DISCUSSION/INFORMATION ITEMS**

#### **12. Governance and Personnel Committee Report**

##### **-Update of 2023 General Assembly Session**

Ms. Baynard, Sr. Vice President, McGuireWoods Consulting, LLC.

- ✓ Ms. Baynard reported on the budgets that were adopted by the General Assembly today, particularly noting the earmarking of unobligated general funds for major projects. This year's discussion is about I-81 Corridor projects as well as dedicated funding to the planning and construction of a new Inland Port in the Mount Rogers Planning District.
- ✓ Ms. Baynard also noted that there is language in the Senate budget that requires the Commonwealth Transportation Board (CTB) to annually report to the General Assembly on the short-term, mid-term and long-term impacts on the loss of the half a percent of the grocery sales and use tax.
- ✓ Ms. Baynard shared that there is much discussion surrounding the recapitalization and use of the Transportation Partnership Opportunity Fund (TPOF) to support the idea of and need for flexible transportation funding that can be used to improve potential business sites and support imminent economic opportunities. She further noted equal member concern regarding transparency and accountability in the use of these funds as well as noted amendments to both the House and Senate bills that would address these concerns.
- ✓ Vice Chair Snyder offered Senator Boysko an opportunity to share her comments on the 2023 General Assembly. Senator Boysko expressed her commitment to preserving NVTa funding and shared that as a member of the Senate Transportation Committee, she has inquired whether certain proposed bills would threaten the region's transportation



funds. She further expressed her appreciation to Ms. Backmon and Ms. Baynard for their continued dialogue as well as the opportunity to share her comments with the Authority.

- ✓ Vice Chair Snyder called for further discussion and Mr. Bedell clarified that the Inland Port project would be built in the southwest region, completing the triangle created by the Virginia Port in Hampton Roads, the Barge Service in Richmond, the Front Royal facility, and now the Inland Project in Abington and Bristol. Ms. Baynard concurred and noted that this is an ongoing effort to move freight off of trucks and highways and onto rail and is part of a larger discussion of safety on roadways.
- ✓ Vice Chair Snyder acknowledged Ms. Debruhl and offered her the opportunity to share her comments regarding the General Assembly. Ms. Debruhl noted two bills that were sponsored by the Youngkin administration, House Bill 1496 and Senate Bill 1079 that will set aside a portion of the Commonwealth Mass Transit Fund to provide dedicated funding for VRE rather than the previous method of using a bus focused formula to fund VRE. Ms. Debruhl further expressed her appreciation and thanks to the Youngkin administration, Northern Virginia localities, NVTa, Northern Virginia Transportation Commission, Washington Metropolitan Area Transit Authority, and others who worked to see both the House Bill 1496 and Senate Bill 1079 pass with unanimous approval.

### **13. Chief Executive Officer's Report**

Ms. Backmon, Chief Executive Officer

- ✓ Ms. Backmon highlighted two items from her report. First, she highlighted the 8<sup>th</sup> Annual Northern Virginia Transportation Round Table scheduled for Wednesday, March 22, 2023, at the Northern Virginia Association of Realtors which is across the street from NVTa offices. Second, she shared that a SMART SCALE survey is being conducted by the Secretary of Transportation's office to collect feedback on how the process of SMART SCALE can be improved. Ms. Backmon noted discussions with the Regional Jurisdiction and Agency Coordinating Committee (RJACC) and her intent to coordinate a regional response that includes feedback on SMART SCALE as an addition to individual responses from member localities and partner agencies.
- ✓ Ms. Hynes added that the Youngkin administration is committed to examining SMART SCALE and the survey is designed as an open information gathering tool. She further noted that members of the CTB are expected to receive briefings regarding the survey's findings with an expected final review in October.
- ✓ Ms. Hynes noted that Northern Virginia received 8% of dispersed funds from round five of SMART SCALE, which is the lowest the region has ever received. She shared some comments on how funding was allocated adding that more than half of the high priority program funds went to various Metropolitan Planning Organizations (MPO) and Planning District Commissions (PDC), while Northern Virginia has not applied for these funds through the regional entities. Ms. Hynes underlined the importance of advocating for funding in the region as well as shared that the evaluation and review of SMART SCALE should identify what is working and what is not working.



- ✓ Mayor Wood inquired about the CTB's reimbursement process. Ms. Hynes advised that SMART SCALE funds projects in years 5 and 6 of the Six Year Improvement Program and confirmed that SMART SCALE disperses funds on a reimbursement basis.

#### 14. Chair's Comments

Vice Chair Snyder

*Vice Chair Snyder submitted no comments.*

#### 15. Adjournment

Vice Chair Snyder

- ✓ The meeting was adjourned at 7:58 p.m.

**NEXT MEETING: March 9, 2023, at 7 p.m. ET**  
**At NVTa Offices**



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

## **SUMMARY MINUTES**

Thursday, April 13, 2023

7p.m., ET

3040 Williams Drive, Suite 200

Fairfax, VA 22315

*This meeting was conducted in person and livestreamed via [NVTA's YouTube Channel](#)*

### **1. Call to Order**

Chair Randall

- ✓ Chair Randall called the meeting to order at 7:01 p.m. and asked that the roll be called.

### **2. Roll Call**

Mr. Davis, Board Secretary

- ✓ **Member Attendees:** Chair Phyllis J. Randall, Vice Chair David Snyder, Supervisor Walter Alcorn (Remote-VA-Personal), Chair Ann Wheeler, Board Member Katie Cristol, Mayor Justin Wilson, Mayor Michelle Davis-Younger, Mayor Jeanette Rishell, Mayor Catherine Read, Supervisor Pat Herrity, Mary Hynes, Jim Kolb (7:03), John Lynch, Todd Horsley.  
**Non-Attendees:** Senator Jennifer Boysko, Mayor Derrick Wood, and Anthony Bedell.
- ✓ **Staff Attendees:** Chief Executive Officer Monica Backmon, Executive Assistant to CEO Amanda Sink, Chief Financial Officer Michael Longhi, Board Secretary Jonathan Davis, Communications & Marketing Coordinator Abigail Hillerich, Assistant Finance Officer Peggy Teal, Senior Transportation Planner Dr. Sree Nampoothiri, Regional Transportation Planners Mackenzie Love, Ian Newman, and Hannah Pajewski.
- ✓ **Council of Counsels:** Daniel Robinson-Fairfax County, Rob Dickerson-Prince William County, MinhChau Corr-Arlington County, Christina Zechman Brown-City of Alexandria.
- ✓ **Other Attendees:** Sr. Vice President Tracy Baynard, McGuireWoods Consulting LLC., Director of Electrification Kate Staples, Dominion Energy.

*Members of the Public were in person and were able to watch the meeting livestreamed via [NVTA's YouTube Channel](#)*

### **3. Approval of March 9, 2023, Meeting Summary Minutes**

Chair Randall

- ✓ Chair Wheeler moved Authority approval of the March 9, 2023, Meeting Summary Minutes and seconded by Vice Chair Snyder. The motion was unanimously approved with an abstention from Board Member Cristol.

## **PRESENTATIONS**

### **4. Dominion Energy Electric Transportation**

Kate Staples, Director of Electrification, Dominion Energy

- ✓ Ms. Staples began the presentation by sharing information about Virginia and the nationwide Electric Vehicle (EV) Market. She noted that the national EV sales market share for last year was at 6% while the Virginia EV sales market share for last year was at

8%. She highlighted that these sales market shares numbers are because automakers are committing to more EV models with nearly every major automaker targeting up to 50% EV sales by 2030. Automakers are also phasing out Internal Combustion Engine Vehicles (ICEV) by 2035. She also noted that there are several policies that provide EV incentives to include infrastructure and vehicle tax incentives and general grant opportunities. Ms. Staples pointed out that state policy will drive EV adoption subsequently increasing EV sales and the phasing out of ICEVs. She stated that Virginia saw the sale of approximately 66,000 EVs in 2022 and is projected to see 500,000 by 2030 and 4.3 million by 2050.

- ✓ Ms. Staples identified three priorities of Dominion Energy: (1) Ease of Adoption, (2) Universal Access, and (3) Support Demand Growth. She noted that education and public engagement can facilitate the ease of adoption, ultimately focusing on public awareness. She shared two new tools, the Hosting Capacity Map and Fleet Tools, that are aimed at providing key information for personal, commercial, and fleet EV usage and expansion. The Hosting Capacity Map shows how much capacity is available to charge an EV within a territory. Fleet Tools provides information to customers on how to repair EVs, and identify fuel, carbon, and maintenance savings, as well as help customers identify impacts on their electric bill and future charging needs.
- ✓ Ms. Staples noted Dominion Energy's four EV programs offered to customers: (1) Charging at Home, (2) Charging on the Go, (3) Charging your Fleet, and (4) Charging for Everyone. She further noted that:
  - 80% of charging happens at home.
  - Charging availability is the #1 consumer concern.
  - EVs cost less to fuel and maintain.
  - Poor air quality disproportionately impacts low-income communities.
- ✓ Ms. Staples concluded by highlighting the Electric School Bus Initiative which allows Dominion Energy to partner with local school districts that are transitioning their existing school bus fleet into electric. Some partnerships include City of Falls Church, City of Fairfax, City of Alexandria, and City of Fredericksburg.
- ✓ After Chair Randall opened the floor for questions, Mayor Wilson referenced Dominion Energy's Smart Charging Infrastructure Pilot Program (SCIP) and inquired if something new will be offered. Ms. Staples noted that SCIP, being a rebate program, will see some expansion based on program participant feedback. Mayor Wilson followed up by noting that some constituents in Alexandria are looking for ways to get infrastructure in place given many of them live in multifamily dwellings and are unable to do so on their own.
- ✓ Chair Randall noted the discussion surrounding hosting capacity and referenced the question, "Is the grid ready?" She then inquired if it is safe to assume that the electricity is available versus the charging infrastructure in place. Ms. Staples answered in the affirmative and noted that we do need more charging stations. Chair Randall further inquired if something needs to be done with the grid to accommodate faster charging stations. Ms. Staples noted that education can provide a better understanding of when a high-capacity charging station is needed than a regular charging station.

- ✓ Vice Chair Snyder described the current state of EV charging as chaotic. He then asked Ms. Staples if she could offer any recommendations that would help alleviate the disorganization and provide a comprehensive approach. Ms. Staples agreed it is fragmented and recommended that each jurisdiction identify and work toward a transportation plan that will address their interests. Vice Chair Snyder also asked what percentage of Dominion Energy's energy is produced using renewables versus fossils fuels. Ms. Staples noted that their grid is about 40% carbon neutral which includes nuclear, high drill and renewables.

***E.D. Note:*** Item 5. The Infrastructure Investment & Jobs Act (IIJA) Funding Opportunities Overview presentation will be presented to the Authority at a future meeting.

## **DISCUSSION/INFORMATION ITEMS**

### **6. Update on the Transportation Planning Board's Facilitated Listening Session on Proposed Visualize 2050 Projects**

Ms. Backmon, Chief Executive Officer  
Dr. Nampoothiri, Senior Transportation Planner

- ✓ Ms. Backmon reported that there were a few Authority Members (Vice Chair Snyder, Mayor Rishell and Mr. Lynch) in attendance during the National Capital Region's Transportation Planning Board's (TPB) Virtual Listening Session for Virginia TPB members. She noted that the TPB hosted the listening sessions for Virginia, Maryland, and D.C. so that the transportation agencies and localities could speak to their goals and processes as it relates to TPB's goals and priorities. She further noted that the TPB and NVTA have a lot in common in respect to goals and priorities.
- ✓ Ms. Backmon reviewed the TPB's Resolution R19-2021 (June 2021), which the TPB resolved to initiate the full update of Visualize 2045, that consider multiple build scenarios and analysis of each scenario's impact on the region's adopted goals and targets, including greenhouse gas (GHG) emissions. It further resolved that "the development of such plan will be based on the concept of "Zero Based Budgeting" where all projects, including those currently included in the Plan, must be resubmitted for consideration in such Plan, provided that projects currently under construction or currently funded with federal, state, regional, local or private funds shall be exempt from such requirement." Ms. Backmon noted some of the concerns NVTA staff has with TPB's Zero-Based Budgeting (ZBB) approach. ZBB means projects that do not have funding committed to them would have to be resubmitted for consideration in the Fiscally Constrained Long-Range Transportation Plan (CLRP). The TPB is having all projects be resubmitted and identify the exemption of projects for reconsideration that are already under construction or have funding identified (green list). She added that projects that have no committed funding will be examined by how they align with TPB's priorities and goals for inclusion in the CLRP (orange list). Ms. Backmon noted the concern that when a jurisdiction or agency submits a project that is not in the current CLRP and has recently received funding, such as through the Authority's next Six Year

Program update, such projects will be incorporated in the orange or green list. Ms. Backmon highlighted the concern that the TPB staff memo to the TPB suggested that projects in the orange list may be dropped from CLRP.

- ✓ Ms. Backmon also noted that more clarity is needed regarding the process for ZBB and to understand how a project will be evaluated on advancing TPB's goals and priorities. She pointed out that as TPB is the federally designated Metropolitan Planning Organization (MPO), they are required to conduct an Air Quality Conformity Analysis. The Air Quality Conformity Analysis is usually carried out at the plan level (all projects) and not the project level (individual projects), and NVTa staff have asked TPB staff to clarify if the determination will be conducted on each project or the overall plan.
- ✓ Mr. Lynch noted that the Listening Session went well and thanked locality staff from Loudoun County, Prince William County, Fairfax County, Arlington County and City of Alexandria who were involved in presenting their project selection and how their projects relate to TPB's goals. He further noted that moving forward, the localities and the Virginia Department of Transportation (VDOT) will review and assess whether projects are consistent with the TPB's goals and priorities. Mr. Lynch further noted the TPB's responsibility to conduct the Air Quality Conformity Analysis.
- ✓ Vice Chair Snyder noted that this process is useful. He stated that TPB can be viewed as a rubber stamp but must be careful to ensure the states and localities exercise their role with respect to decision making.
- ✓ Ms. Backmon noted that NVTa staff will continue to collaborate with VDOT, jurisdictions, and TPB staff to get clarification on these concerns.

## **7. Programming Recommendations of the Additional FY2024-2029 Congestion Mitigation Air Quality Improvement Program (CMAQ) and Regional Surface Transportation Program (RSTP) Funds**

Ms. Backmon, Chief Executive Officer  
Ms. Love, Regional Transportation Planner

- ✓ As a reminder, Ms. Backmon noted that each year, NVTa makes recommendations to the Commonwealth Transportation Board (CTB) on the allocation of Congestion Mitigation Air Quality Improvement Program (CMAQ) and Regional Surface Transportation Program (RSTP) funds for an "out year" that is six fiscal years in the future. She noted that as the year of funding nears, there are changes in the amount of funding that is available to the region through these programs.
- ✓ Ms. Backmon expressed her enthusiasm in sharing that for Fiscal Year (FY)2024-2029, more funds are available than initially anticipated. She noted that this will impact both the recommendations for allocation of FY2029 funds that the Authority approved last month, and allocations previously made to projects in FY2024-FY2028.
- ✓ Ms. Love highlighted that this resulted in an additional \$2,025,372 in CMAQ funds and \$12,483,363 in RSTP funds for the region. She shared that NVTa staff worked with

the Regional Jurisdiction and Agency Coordination Committee (RJACC) to identify projects that had previously been approved by the Authority to receive CMAQ and RSTP funds for recommendations of the additional funds. These recommendations were then discussed and approved by the RJACC at their March 23<sup>rd</sup> meeting. It is anticipated that the CTB will take action to finalize these allocations at their June 2023 meeting.

## **8. Finance Committee Report**

Mayor Rishell, Chair  
Mr. Longhi, Chief Financial Officer

- ✓ Mayor Rishell reported that the Finance Committee did not meet this month and shared some information on current and future activities. She noted that the recently adopted policy change regarding excluding invoices older than 18 months from reimbursements is having a significant impact even prior to the June 9<sup>th</sup> effective date. She further noted that since NVTa staff began advising their regional counterparts of the implementation, reimbursement requests have increased about 160% over last year. The duplicate audit process that protects the Authority from inadvertent mistakes by project sponsors will continue and is expected to be finalized this summer.
- ✓ Mayor Rishell also reported that NVTa staff has begun to review revenue estimates for FY2024-FY2029 which will then be submitted to the Finance Committee for consideration. She noted that the estimates are central to determining the PayGo estimates for the FY2028/FY2029 update to the Six Year Program.
- ✓ Mayor Rishell shared that the Northern Virginia Regional Commission (NVRC) has been invited to make a lease renewal presentation to the Finance Committee. Details on NVRC's presentation topics are included in the meeting packet.
- ✓ Mayor Rishell concluded her report by noting that the Finance Team is procuring recommendations and options for the Finance Committee related to updating portfolio performance benchmarks as well as policy updates being prepared as part of submitting the Authority's investment policy for national and international certification.

## **9. Governance and Personnel Committee Report** **-Update on 2023 General Assembly Session**

Chair Randall

Ms. Baynard, Sr. Vice President, McGuireWoods Consulting, LLC.

- ✓ Ms. Baynard reminded everyone of the Transit Ridership Incentive Program (TRIP) and noted that the General Assembly expanded what initiatives could be funded under TRIP. Initially, up to 30% of the funds could be used for transitioning to electric vehicles as well as transit facilities that support riders such as bus shelters, and ADA compliance projects, etc. Ms. Baynard noted that the Governor submitted recommendations to amend SB 1326 and HB 2338 which removed the availability of funds for transitioning to electric vehicles and added safety for passengers, drivers, and transit employees. The General Assembly accepted the Governor's recommendations, and the bill has been sent to the Governor for final signature.



- ✓ Ms. Baynard also noted that safety will continue to be a priority in 2024, particularly concerning the continued rise in serious injuries and fatalities in Virginia. Based on data compiled by VDOT, Ms. Baynard noted that speed is a large contributor to the increased safety concerns. She also noted the discussion questioning if there could be expanded authority to utilize speed cameras in more targeted areas based on gathered data.
- ✓ Chair Randall inquired, besides substance use and speed, are there any other major factors contributing to unsafe driving. Ms. Baynard noted that data points to distracted driving, speed, driving under the influence, and lack of wearing a seatbelt are all contributors.
- ✓ Mayor Rishell asked if there was any discussion supporting increased funding for pedestrian education. Ms. Baynard noted that there will be additional funding available to educate the public regarding safety measures like wearing a seatbelt, and that buzzed driving is impaired driving.
- ✓ Vice Chair Snyder noted that he would like to see additional funding for pedestrian and bicycle infrastructure. Ms. Baynard shared that with the additional federal funding, the state has had more money to offer to localities. Ms. Hynes noted that the CTB made the decision to put highway safety funds toward systemic improvements which will run through 2040. She noted that the CTB is currently looking at other ways to fund highway safety needs.
- ✓ Board Member Cristol asked if there was any awareness of the Toward Zero Deaths initiative and whether it was still in effect. Ms. Hynes noted that nothing has changed. Board Member Cristol added that with having available data, some conclusions can be made to direct funds appropriately and with the intent to decrease serious injuries and fatalities.
- ✓ Chair Wheeler advised that Prince William County just implemented a red-light camera pilot in school and construction zones. She noted that one of the reasons for having these cameras in place is that widely used software and applications like Google Maps and Waze might say “speed camera ahead”, and such indicators can affect driver behavior.
- ✓ Chair Randall asked if there are any cross-section studies where marijuana has been legalized and whether serious or fatal accidents were caused by marijuana.

#### **10. Chief Executive Officer’s Report**

Ms. Backmon, Chief Executive Officer

- ✓ Ms. Backmon noted that the CTB Six Year Improvement Program public meeting and the legislatively mandated joint public meeting with the regional transportation agencies, will be held on May 1<sup>st</sup> at the VDOT NoVA District offices and will also be live-streamed. She noted that consistent with HB 2034 (2023), the TPB was invited to participate in the meeting.
- ✓ Ms. Backmon also noted that NVTAs Preliminary Deployment Plan for a Regional Bus Rapid Transit System non-mandatory pre-Request for Proposal (RFP) Open House and



Consultant Briefing was held on March 30<sup>th</sup> at the NVTA offices. The RFP was posted on April 6<sup>th</sup> with a response deadline of May 11<sup>th</sup>.

- ✓ Ms. Backmon highlighted that the 8<sup>th</sup> Annual Northern Virginia Transportation Roundtable was held on March 22<sup>nd</sup> and was a success.
- ✓ Lastly, Ms. Backmon recognized the newest member of NVTA staff, Hannah Pajewski, who will be working as a Regional Transportation Planner.

**11. Chair's Comments**

*No Comments*

Chair Randall

**12. Adjournment**

Chair Randall

- ✓ Chair Randall adjourned the meeting at 8:02 p.m.

**NEXT MEETING: May 11, 2023, at 7:00 p.m., ET**  
**At NVTA Offices**

# ***Analysis of Multimodal Capacity Expansion***

*Using NVRTA's Regional and Local Distribution Revenues*

*May 11, 2023*



Presented by:  
Sree Nampoothiri, PhD., AICP., Sr. Transportation Planner  
Northern Virginia Transportation Authority



# Purpose



1. Provide new insights regarding how NVTA's revenues are used for multimodal infrastructure enhancements through a comprehensive and consistent analysis of added linear infrastructure (lane miles).
2. Complement project status information shown on NVTA's NoVA Gateway dashboard.



# Scope of the Analysis



- Modes analyzed:
  - Active Transportation, which includes:
    - Bike-only facilities
    - Pedestrian-only facilities
    - Shared bike/pedestrian facilities
  - Roadway
  - Dedicated Transit Lane
- Multimodal capacity expansion considered:
  - Projects that add NEW linear infrastructure



# Scope of the Analysis



- Both Regional Revenues (70%) and committed Local Distribution Revenues (30%) are considered

Revenue breakdown	Funding years	Projects with new added linear feature/ Total projects	Funding on projects with new added linear feature/Total funding
Regional Revenues (70%)	FY2014-2027	50 / 122	\$1.98B / \$3.121B
Local Distribution Revenues (30%)	FY2014-2022	89 / 257	\$0.20B / \$0.615B
<b>Total Investments</b>		<b>139 / 379</b>	<b>\$2.18B / \$3.736B</b>

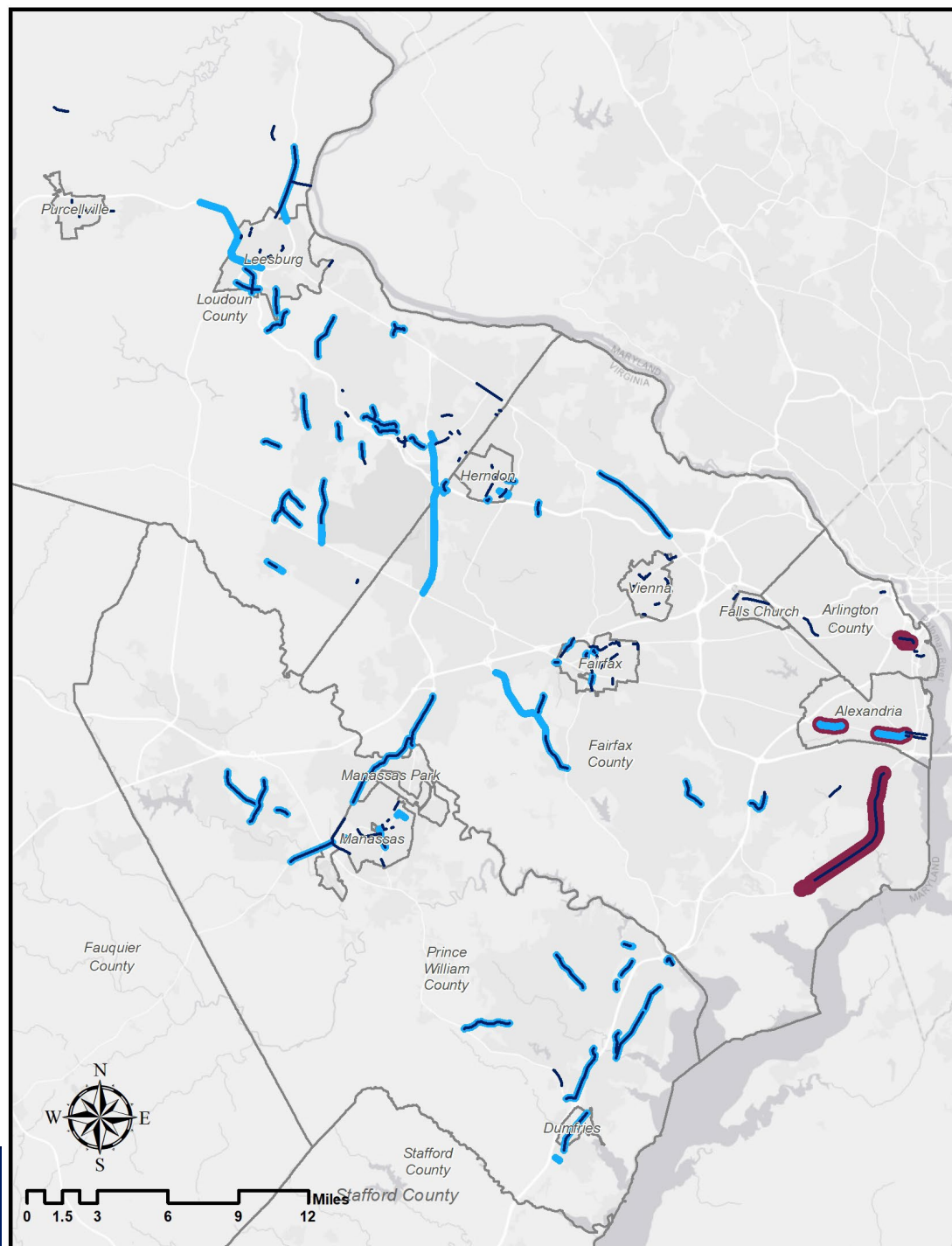
- All 9 member jurisdictions and the 5 towns are included in the analysis



# Analytical Approach



- Project data collated by NVRTA staff using NVRTA's project records. e.g., NVRTA funding programs, Joint Commission on Transportation Accountability (JCTA) reports
- Cross-verified with latest information on jurisdictional project websites
- GIS-based analysis to calculate linear infrastructure features by NVRTA staff
- Project data verified by jurisdictional staff
- Data synthesis and internal review



- Active Transportation
- Roadway
- Dedicated Transit Lane

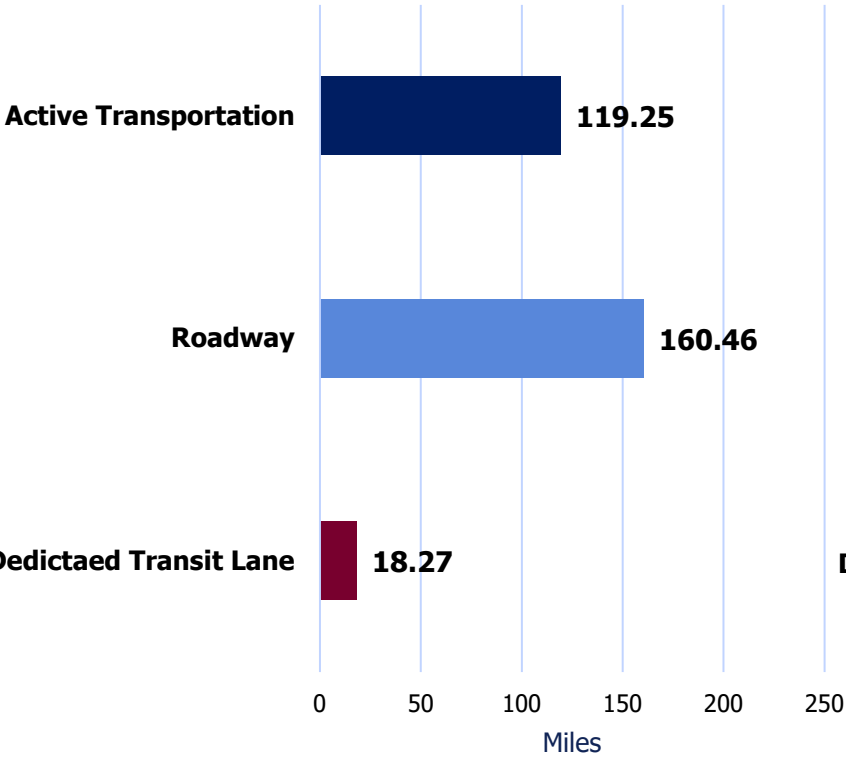




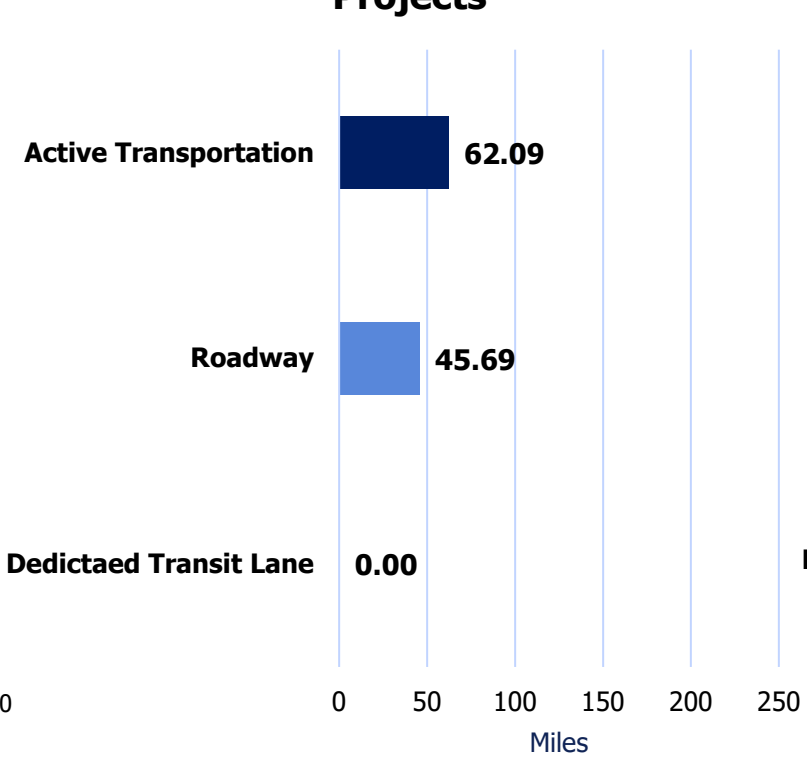
# Added Multimodal Linear Feature (Lane Miles)



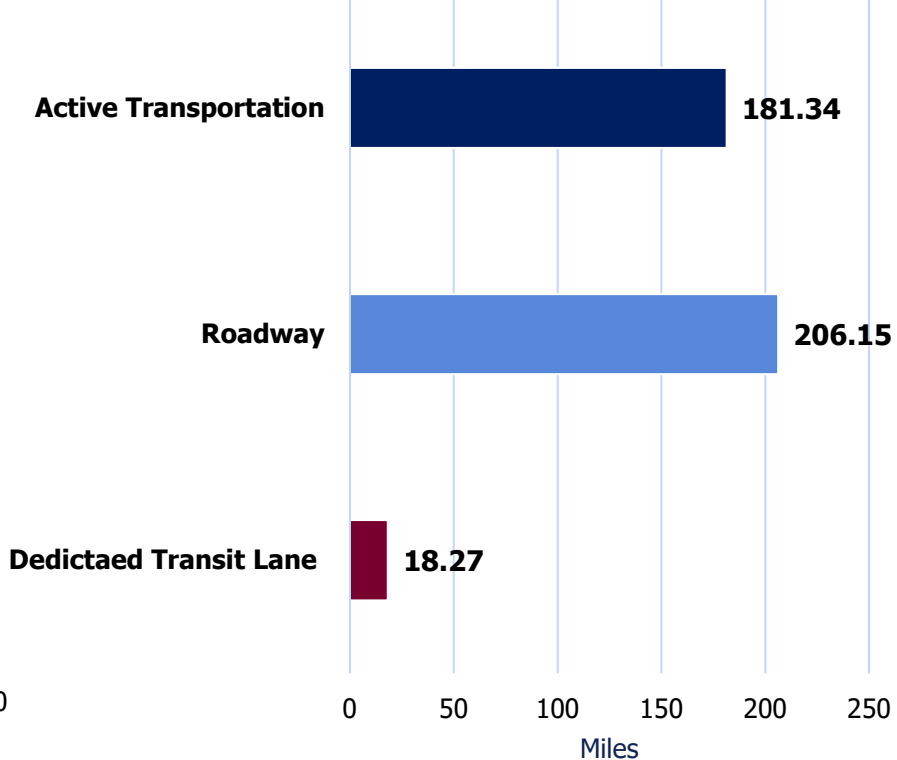
**70% Regional Revenue Projects**



**30% Local Distribution Revenue Projects**

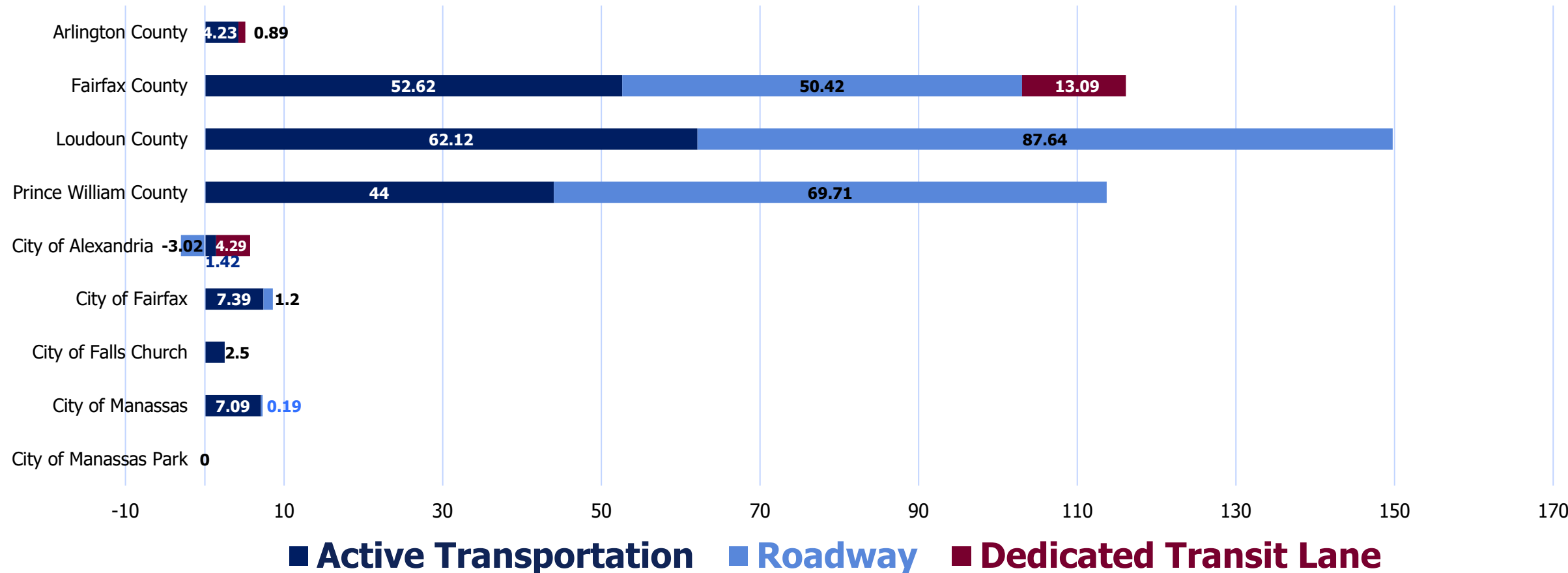


**All NVTa Funded Projects**





# All NVTA-funded Projects: Added Multimodal Linear Features (Lane Miles) by Jurisdiction





# Key Takeaways



NVTA's and member jurisdictions' investments in multimodal options is key to ensuring a balanced transportation network that reflects the needs of a diverse region, and in meeting NVTA's goals and Core Values.

- NVTA's Regional Revenues (70%) and Local Distribution Revenues (30%) are being used by member jurisdictions (including towns) to add multimodal linear transportation infrastructure.
- Added active transportation/dedicated transit infrastructure lane miles are approximately equal to the number of added roadway lane miles.
- This analysis will be incorporated to NoVA Gateway dashboard enhancements in FY2024.



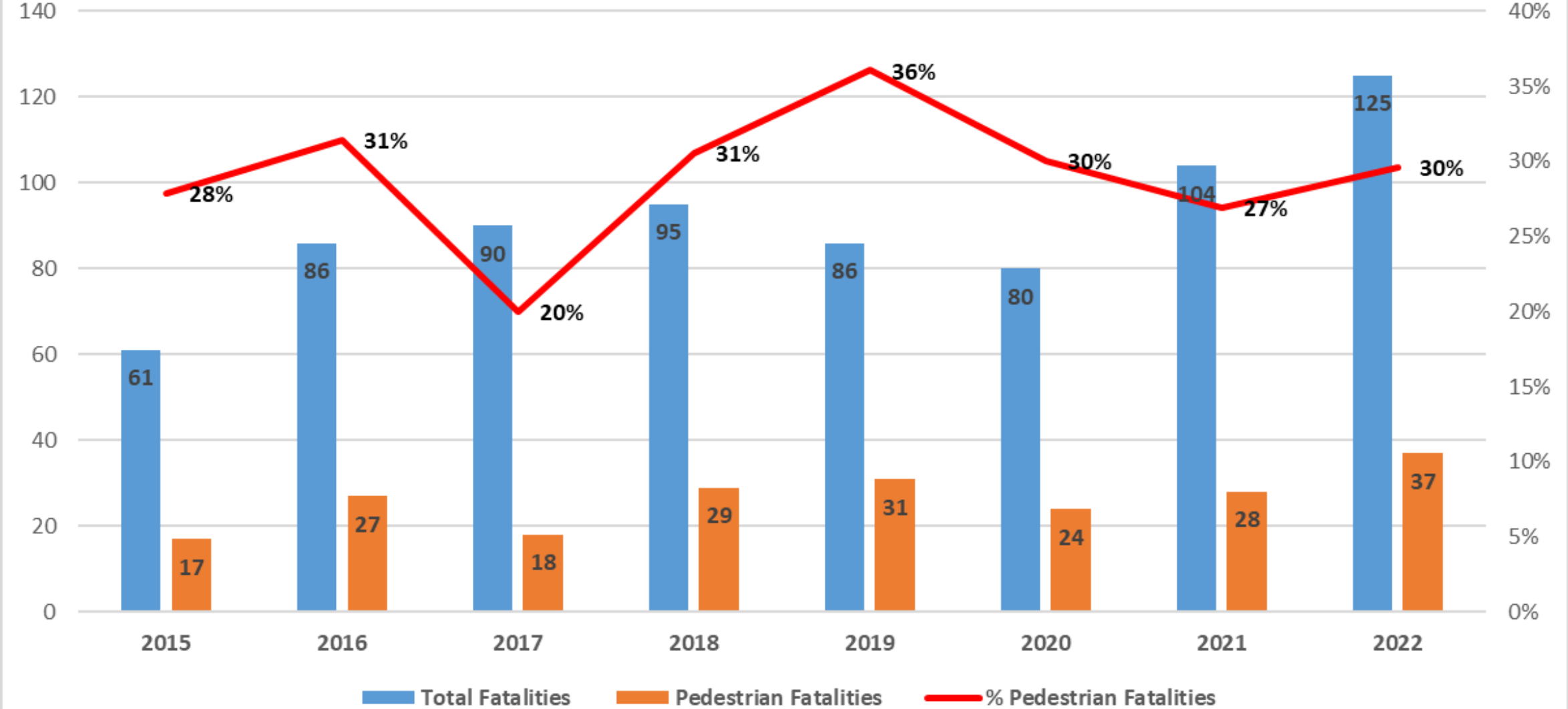
# BICYCLE AND PEDESTRIAN SAFETY PROGRAMS

Northern Virginia Transportation Authority

 Heidi Mitter, Bicycle/Pedestrian and Park & Ride Coordinator

May 11, 2023

**% Pedestrian Fatalities in NOVA 2015-2022**



# Guiding Policies and Plans

- Statewide VTRANS plan goals
- 2004 VDOT Bicycle and Pedestrian Accommodations Policy
- Strategic Highway Safety Plan, *Arrive Alive* - including using FHWA's Safe System Approach
  - Vulnerable Road User (VRU) safety assessment ongoing
- Pedestrian Safety Action Plan (PSAP)





# Safety Throughout

**NOVA District  
pedestrian  
improvements  
investment  
over the next  
five years: \$40  
million**

# Virginia's Strategic Highway Safety Plan – Arrive Alive



IMPAIRED  
DRIVING\*



SPEEDING



OCCUPANT  
PROTECTION



ROADWAY  
DEPARTURE



INTERSECTIONS



YOUNG  
DRIVERS



BICYCLES



PEDESTRIANS

Eight Emphasis  
Areas



DATA



INCIDENT RESPONSE AND  
EMERGENCY MEDICAL  
SERVICES



CONNECTED VEHICLE/  
AUTONOMOUS VEHICLES

Essential Areas to  
Meet Goals/Objectives

# Pedestrian Safety Action Plan (PSAP)

## Program goals

- **Better understand pedestrian safety concerns and countermeasures**
- **Consider policy and practice changes to promote pedestrian safety**
- **Identify Highway Safety Improvements Program (HSIP) pedestrian projects**
- **Map:** [bit.ly/VDOTPSAP](https://bit.ly/VDOTPSAP)
- **Report:** [bit.ly/3835XJv](https://bit.ly/3835XJv)

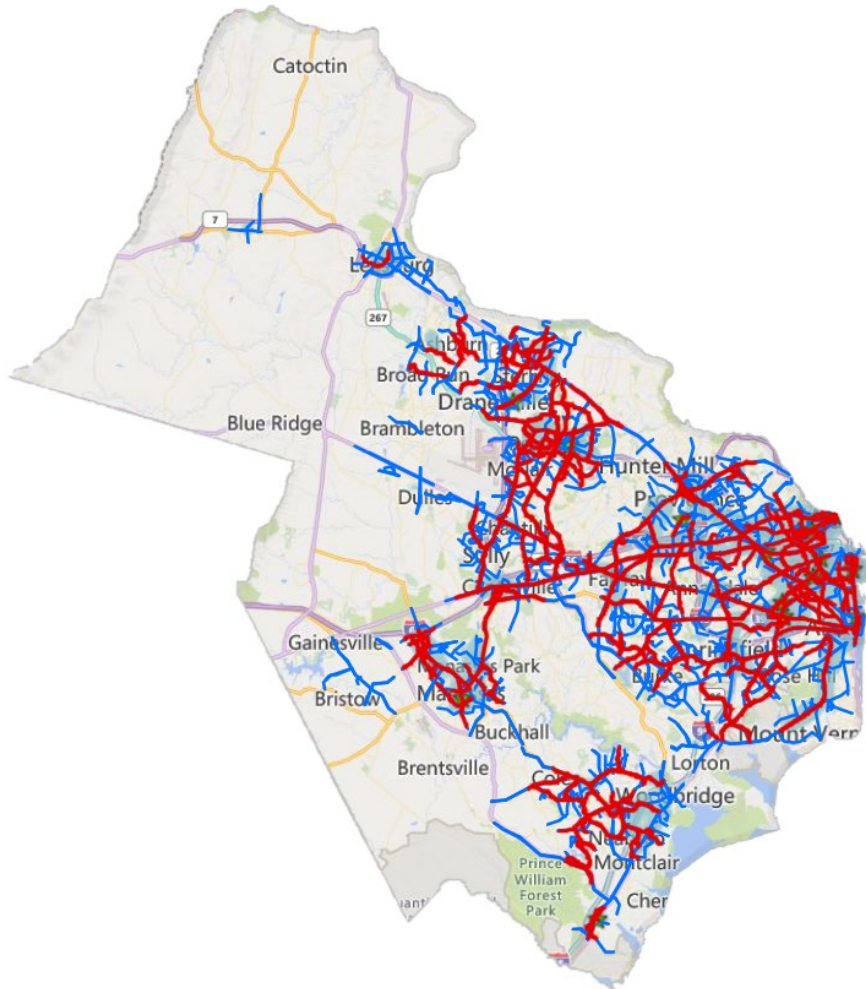
# HSIP Systemic Investment Plan

- Focuses on severe crashes widely dispersed over road network
- Apply low-cost countermeasures to treat specific crash types
- Wider benefit/greater return on investment with more targeted safety improvements

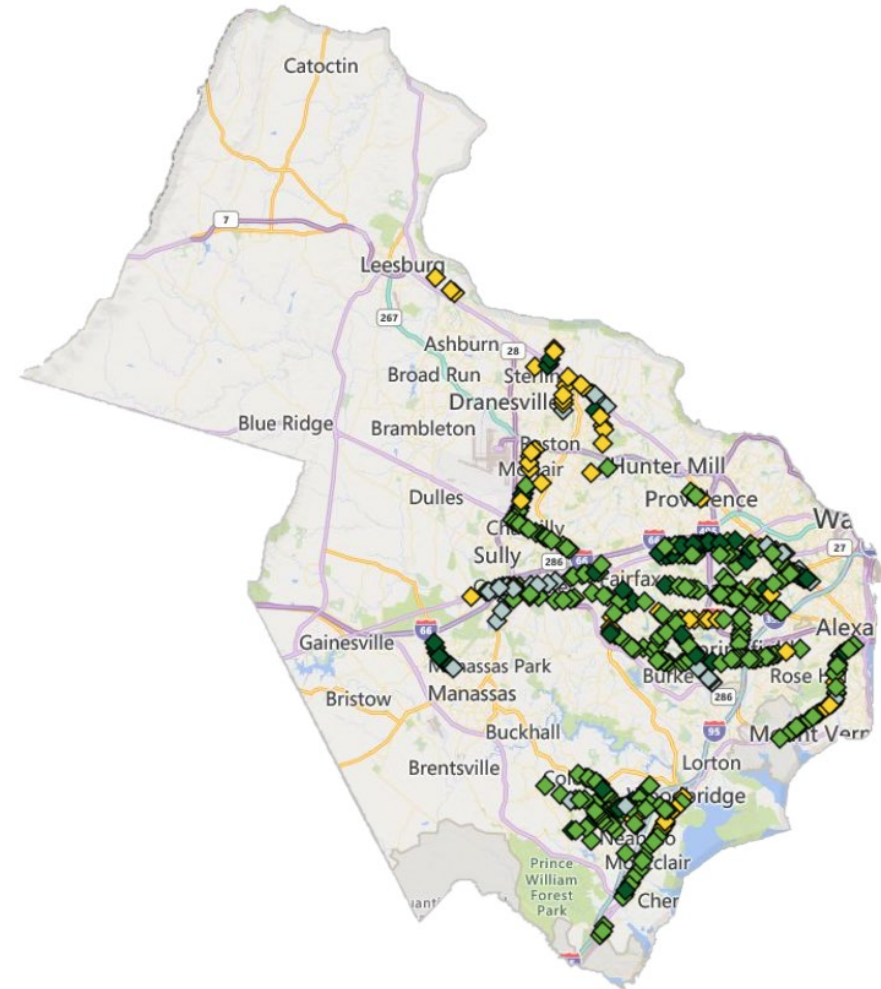
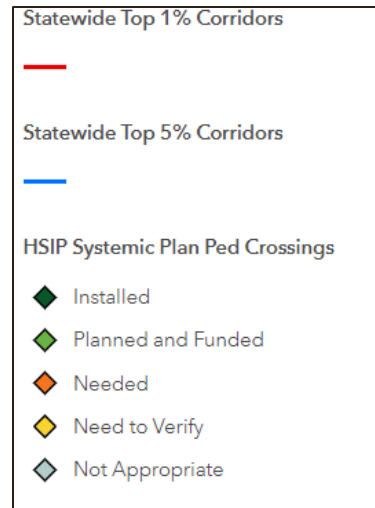




# PSAP Top Priority Corridors NOVA



# HSIP Signalized Pedestrian Crossing Systemic Plan NOVA



# Other Initiatives

- Annual Repaving Program
- Planning and Studies
- Education
- Partnerships with regional and local agencies
- Innovation
- More: [bit.ly/3p1Sw4J](https://bit.ly/3p1Sw4J)





# Infrastructure Investment & Jobs Act (IIJA) Funding Opportunities Overview

Becker DC Team

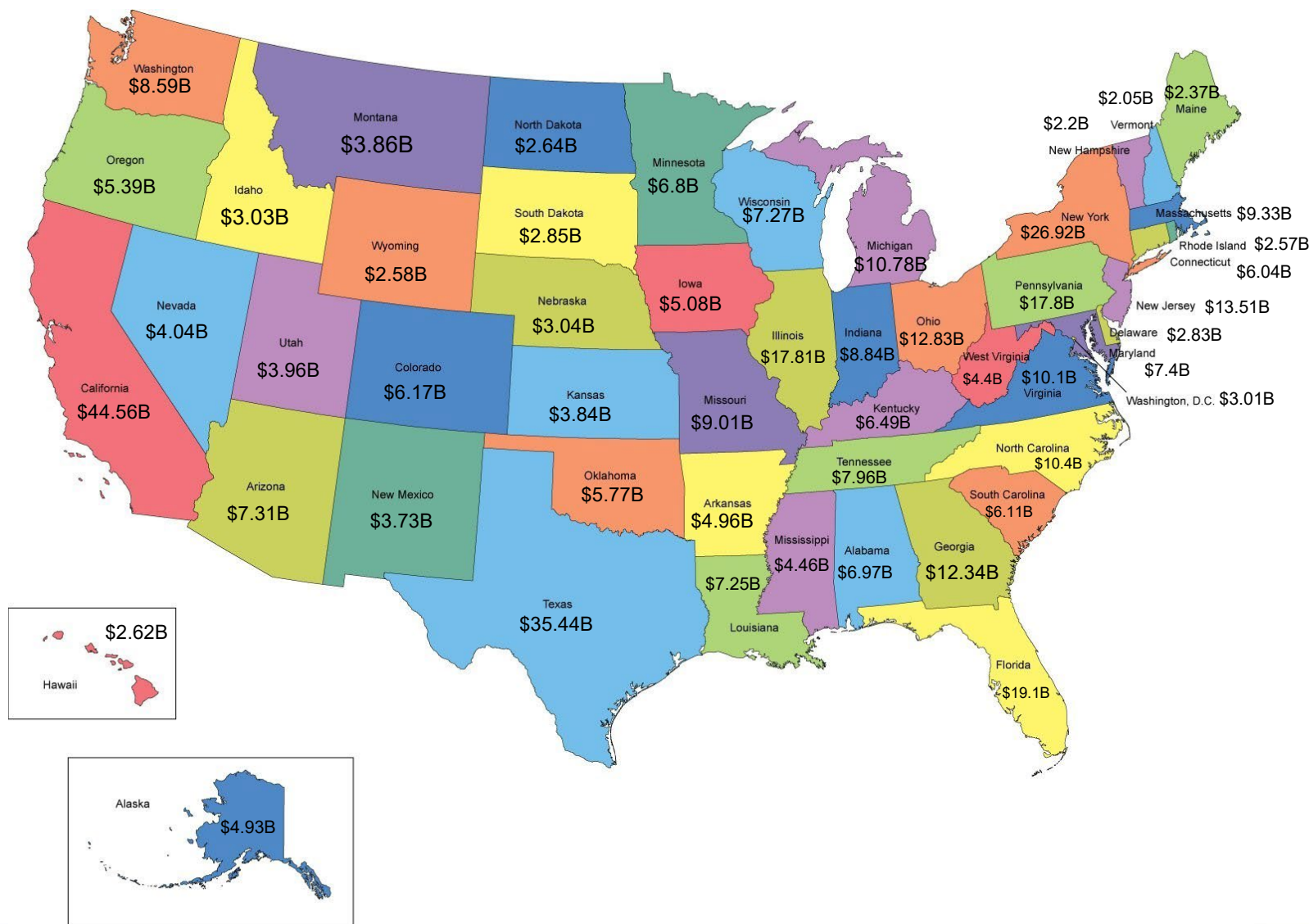


# IIJA encompasses \$1.2 trillion in spending, of which \$550 billion is new spending

Funding Source/Program	Existing Funding (\$)	New Funding (\$)
Roads & bridges	251 billion	110 billion
Public transit	66 billion	39.3 billion
Airports	19 billion	25 billion
Passenger & freight rail	15 billion	66 billion
Water Infrastructure	15 billion	54 billion
Safety & research	10 billion	11 billion
Ports & Waterways	9 billion	17.4 billion
Power & grid	0	65 billion
Broadband	0	65 billion
Resiliency	0	46 billion
Addressing legacy pollution	0	21 billion
Low- & no-emission school buses & ferries	0	7.5 billion
Electric vehicle charging	0	7.5 billion
Reconnecting communities	0	1 billion

# IIJA Total State Formula Allocations

Becker



**Becker**  
Becker & Poliakoff

# DOT Funding Opportunities



- **Promoting Resilient Operations for Transformative, Efficient, and Cost-saving Transportation (PROTECT) grant program**
  - **\$8.7 billion** over five years for states to conduct planning, resilience improvements, community resilience and evacuation routes, and at-risk coastal infrastructure
    - \$7.3 billion in formula funding
    - \$1.4 billion competitive funding
    - **FY23 formula opportunity closed, competitive expected Winter/Spring 2023**
- **National Culvert Removal, Replacement, and Restoration Grant Program;**
  - **\$200 million in FY22 (\$1 billion total)** to state and local governments to improve marine environments.
  - **FY23 expected Winter 2023-2024**
- **Rail Vehicle Replacement Program;**
  - **\$600 million** in competitive grants to fund capital projects to replace rail rolling stock.
  - **FY23 NOFO Expected Winter 2023**
- **Thriving Communities**
  - Provides technical assistance (or the opportunity to provide it) for communities undertaking eligible infrastructure projects.
  - **FY23 NOFO expected Spring 2023**
- **Strengthening Mobility and Revolutionizing Transportation (SMART) Grant Program**
  - **\$100 million** in FY22 to support activities surrounding connected vehicles, systems integration, EV car/bike-share.
  - **FY23 NOFO Expected Fall 2023**
- **Advanced Transportation Technologies & Innovative Mobility Deployment (ATTIMD)**
  - **\$60 million** in FY22 to support transportation safety, VMT-R, emission reduction, multi-modal performance, equity, improved data systems or user interfaces, mobility hubs, EV car/bike-share
  - **FY23 NOFO Expected Fall 2023**
- **Consolidated Rail Infrastructure and Safety Improvements**
  - **\$150 million** in FY22 to support light rail, capital improvements, safety program, crossings, ridership growth
  - **NOFO Expected Fall 2023**
- **Port Infrastructure Development Program**
  - **\$2.25 billion** in grants to provide planning, operational and capital financing, and project management assistance to improve port capacity and operations.
  - **FY23 NOFO Open Through April 28<sup>th</sup>**

# DOT Funding Opportunities



- **Federal-state Partnership for Intercity Passenger Rail (National & Northeast Corridors)**
  - **\$36 billion** over five years to fund capital projects that reduce the state of good repair backlog, improve performance, or establish new intercity passenger rail service.
  - **NOFO Open through April 21<sup>st</sup>**
- **Charging and Fueling Infrastructure Grants**
  - **\$2.5 billion** grant program split evenly between corridor and community grants.
  - Supports charging infrastructure grants for counties to deploy EV charging and hydrogen/propane/natural gas fueling infrastructure
  - **NOFOs expected Winter 2023.**
- **Wildlife Crossing Pilot Program**
  - **\$350 million** over five years for the to support projects that seek to (funding over five years) to reduce the number of wildlife-vehicle collisions and improve habitat connectivity
  - Eligible entities include State highway agency, MPO, local government, regional transportation authority, special purpose district or public authority with a transportation function, tribe.
  - Rural project set aside of at least 60% of grant funds.
  - **NOFO Expected Spring 2023**
- **Congestion Relief Program**
  - **\$250 million over five years** in grants for state/local governments and MPOs Contract Authority from HTF for Congestion Relief Program to advance solutions that reduce congestion and related economic and environmental costs in the most congested metropolitan areas with an urbanized area population of over 1 million.
- **Healthy Streets program**
  - **\$500 million** over five years for eligible majority-minority counties (as determined by DOT) for new pavement and tree cover installations.

# Closed DOT Funding Opportunities (for future cycles)

- **Safe Streets and Roads for All Grant Program**
  - **\$5 billion** total to support local initiatives to prevent death and serious injury on roads and streets, commonly referred to as “Vision Zero” or “Toward Zero Deaths” initiatives
  - Applicants must create a Comprehensive Safety Action Plan.
  - **FY23 NOFO Expected Spring 2023**
- **Natural Gas Distribution Infrastructure Safety and Modernization Program**
  - **\$1 billion** over five years in Competitive funding to repair, rehabilitate, or replace its natural gas distribution pipeline systems or portions thereof or to acquire equipment to (1) reduce incidents and fatalities and (2) to avoid economic losses.
  - **NOFO Expected Summer 2023**
- **University Transportation Centers Program**
  - **\$500 million** over five years to academic institutions to support transportation advancements through education, research, technology transfer, etc.
  - **NOFO Closed 8/25/2022**
- **Bridge Investment Program:**
  - A mixture of formula and competitive funding (\$27.5 billion; \$9.24 billion) for counties’ bridge repair or replacement projects.
  - 15% set-aside for off-system bridges in addition to formula funds.
  - **FY23 NOFOs Expected Summer 2023**
- **Reconnecting Communities Pilot Program**
  - **\$1 billion** for counties to restore community connectivity by removing, retrofitting, or mitigating highways or other transportation facilities that create barriers to community connectivity (split between planning and construction grants)
  - **FY23 NOFO Expected Late Spring 2023**
- **Railroad Crossing Elimination Program**
  - **\$ 3 billion** over five years in competitive grants to fund highway-rail or pathway-rail grade crossing improvement
  - projects that focus on improving the safety and mobility of people and goods
  - **FY23 NOFO Expected Fall 2023**
- **All Stations Accessibility Program**
  - **\$1.75 billion** over five years in grants to support upgrades to legacy rail fixed guideway public transportation systems for people with disabilities.
  - **FY23 NOFO Expected Summer 2023**
- **Nationally Significant Federal Lands and Tribal Project Program**
  - **\$275 million** in competitive grants to support construction, reconstruction, and rehabilitation of nationally-significant Federal lands transportation projects and Tribal transportation projects
  - **FY23 NOFO Expected Fall 2023**

# Closed DOT Funding Opportunities (cont.)



- **Infrastructure for Rebuilding America (INFRA) grant funding**
  - **\$14 billion**, \$3.2 billion of which is allocated over five years, \$6 billion would be authorized, the remaining \$4.8 billion reserved for HTF contract authority.
  - **NOFO Expected Spring 2023**
- **Local and Regional Project Assistance Program**
  - **\$7.5 billion** total to for projects with a significant or regional impact that improves transportation infrastructure.
  - **FY23 NOFO Closed February 28<sup>th</sup>**
- **National Infrastructure Project Assistance Grants**
  - **\$5 billion** total to support single or multi-year grants to multimodal projects of national/regional economic, mobility, or safety benefits.
  - **NOFO Expected Spring 2023**
- **National Electric Vehicle Formula Program**
  - **\$5 billion** over five years for strategic deployment of EV charging infrastructure and establish an interconnected network to facilitate data collection, access, and reliability
  - Same shares for States as Federal-aid highway apportionments
  - **FY22 State Plans Approved, FY23 Plans TBD**
- **Carbon Reduction formula program**
  - **\$6.42 billion** to states via the to reduce transportation emissions or the deployment of carbon reduction strategies in projects.
  - **FY22 distributed, FY23 TBD**
- **Emissions Reductions at Ports**
  - **\$250 million** in grants for eligible county projects that reduce truck emissions at ports
  - **FY22 NOFO closed but expected April 1st annually**
- **Rural Surface Transportation grant program**
  - **\$2 billion** over five years to Improve and expand the surface transportation infrastructure in rural areas to increase connectivity, improve the safety and reliability of the movement of people and freight, and generate regional economic growth and improve quality of life.
  - **NOFO Expected Spring 2023**
- **Rural Ferry Service Competitive Grants**
  - **\$1 billion** over five years to provide essential ferry service in rural areas. An additional \$1 billion is authorized for future appropriation.
  - **NOFO Expected Summer 2023**
- **Port Infrastructure Development Program**
  - **\$2.25 billion** in grants to provide planning, operational and capital financing, and project management assistance to improve port capacity and operations.
  - **FY23 NOFO Open Through April 28<sup>th</sup>**
- **Marine Highways Program**
  - **\$25 million** for the purpose of developing, expanding, or promoting marine highway transportation.
  - **FY23 NOFO Open Through April 28<sup>th</sup>**
- **Electric or low-emitting ferry program**
  - **\$50 million** over five years, with an additional \$50 million authorized annually subject to annual appropriations.
  - **NOFO Open Through April 13<sup>th</sup>**



# DOT-FAA Funding Opportunities (cont.)



- \$5 billion (\$1 billion annually) for FAA air traffic facilities, FY23 closed
  - **Years 2-5 funding**
    - Continued sustainment
    - ATC facilities replacement ramps up
- \$5 billion for airport terminals, FY23 NOFO Closed
  - **Discretionary grant program**
    - Funding for airport terminals and airport-owned, FAA-operated ATC
    - Local match required
  - **Competitive**
    - Improve airfield safety through terminal relocation
    - Replacing aging facilities
    - Increase capacity and passenger access
    - Encourage competition
    - Improve energy efficiency
    - Expand access for persons with disabilities and historically disadvantaged populations
- FAA: \$15 billion for airport infrastructure, FY23 state allocations distributed
  - **Up to \$2.39 billion/year for primary airports**
    - Allocations based on existing apportionments formula under the Airport Improvement Program
  - **Up to \$500 million/year for non-primary airports**
    - Fixed allocations based on airport role under NPIAS
  - **\$20 million/year FAA Contract Tower Program**
    - Competitive grants for participating program sponsors to support tower construction, replacement
  - **Airport and project eligibility**
    - Primary airports, certain cargo airports, and most general aviation/commercial service airports that are not primary airports
    - Funding can be used for runways, taxiways, and aprons and other broad efforts like terminal, intermodal projects, and roadway projects

## NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

MEMORANDUM

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

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

**DATE:** May 4, 2023

**SUBJECT:** Approval of City of Alexandria's West End Transitway: Northern Segment (Phase 1) Standard Project Agreement (SPA) 2018-040-2

---

1. **Purpose:** To seek the Northern Virginia Transportation Authority (NVTa) approval of the City of Alexandria's West End Transitway: Northern Segment (Phase 1) Standard Project Agreement (SPA) 2018-040-2.
2. **Suggested Motion:** *I move Authority approval of the City of Alexandria's West End Transitway: Northern Segment (Phase 1) Standard Project Agreement 2018-040-2 in accordance with NVTa's approved Project Description Form as appended to the Standard Project Agreement; and authorize the Chief Executive Officer sign on behalf of the Authority,*
3. **Background:** This project was adopted as part of the FY2018-2023 Six Year Program and received FY2022 appropriation approval on April 8, 2021. The attached SPA presented by the City of Alexandria is consistent with the project previously submitted by City of Alexandria and approved by the Authority. In addition to the \$2,200,000 approved in the FY2018-2023 Six Year Program, the Authority had previously approved \$2,400,000 for the design phase of this project in the FY2015-2016 funding program which is currently underway.

The attached SPA has been reviewed by the Council of Counsels, who noted that there were no legal issues.

**Attachment Linked:** [Standard Project Agreement for NVTa Project Number 2018-040-2](#)

**Coordination:** Council of Counsels



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

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

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

**DATE:** May 4, 2023

**SUBJECT:** Approval of Letter of Endorsement for City of Alexandria's FY2023 Charging and Fueling Infrastructure Discretionary Grant Application

---

1. **Purpose:** To seek the Northern Virginia Transportation Authority (NVTa) approval of the letter of endorsement for the City of Alexandria's FY2023 Charging and Fueling Infrastructure Discretionary Grant Application.
2. **Suggested Motion:** *I move Authority approval of the Letter of Endorsement for the City of Alexandria's FY2023 Charging and Fueling Infrastructure Discretionary Grant Application.*
3. **Background:** As is customary among NVTa partnerships, requests for the Authority's endorsement are received from jurisdictions and regional agencies embraced by the Authority. To help fund transportation projects, jurisdictions and regional agencies pursue sources of funding through federal, state, and regional programs and grants. Per the Code of Virginia, NVTa serves as an advocate for the transportation needs of Northern Virginia before the state and federal government. NVTa has received a request for endorsement from the City of Alexandria on their application under the U.S. Department of Transportation's (USDOT) Charging and Fueling Infrastructure Discretionary Grant Program (CFI Program).

**A. USDOT's CFI Program**

The CFI Program is a new competitive grant program created by President Biden's Bipartisan Infrastructure Law to strategically deploy publicly accessible electric vehicle charging and alternative fueling infrastructure. The CFI Program is making available up to \$700 million (FY2022 \$300 million and FY2023 \$400 million). The application deadline is 11:59:59 Eastern on Tuesday, May 30, 2023.

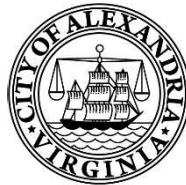
**B. Project Scope Under City of Alexandria's 2023 CFI Program Application**

The City of Alexandria has developed an Electric Vehicle Charging Infrastructure Readiness Strategy (EVRs) to act as a roadmap to meet the electric vehicle charging infrastructure and technical needs of the city as electric vehicle adoption increases. The EVRS includes 31 recommendations that will build an effective, innovative, and sustainable electric vehicle ecosystem.

The proposed community project will support the implementation of the electric vehicle charging infrastructure through the installation of publicly accessible level 2 and direct current fast chargers at multiple sites such as public parks, libraries, and on-street locations. The chargers will be in areas that will benefit disadvantaged communities and serve areas with a high concentration of multi-unit dwellings and limited off-street parking.

**Attachments:**

- A.** City of Alexandria's Request for Endorsement Letter
- B.** Draft Letter of Endorsement for City of Alexandria's FY2023 CFI Program Application



**DEPARTMENT OF TRANSPORTATION  
AND ENVIRONMENTAL SERVICES  
P.O. Box 178 - City Hall  
Alexandria, Virginia 22313**

**alexandriava.gov**

**703.746.4025**

April 10, 2023

Monica Backmon, Executive Director  
Northern Virginia Transportation Authority (NVTa)  
3040 Williams Drive  
Fairfax, VA 22031

RE: Request for NVTa Endorsement of City of Alexandria's 2023 Charging and Fueling  
Infrastructure Grant Application

Dear Ms. Backmon,

I am writing to request NVTa's endorsement for the City of Alexandria, Virginia's 2023 U.S. Department of Transportation's Charging and Fueling Infrastructure Discretionary Grant Program application. The proposed application will bring critical charging infrastructure that is needed in the region to support the growing adoption of electric vehicles.

The proposed community project will support our implementation of the electric vehicle charging infrastructure readiness strategy recommendations through the installation of publicly accessible level 2 and direct current fast chargers at multiple sites across the City, such as public parks, libraries, and on-street locations. The chargers will be in areas that will benefit disadvantaged communities and serve areas with a high concentration of multi-unit dwellings and limited off-street parking. The City of Alexandria residents are adopting electric vehicles at a rate faster than the national average, and this project will help meet the need of the community.

Over the years, NVTa and the City of Alexandria have successfully partnered on various transportation projects. Your continued support for the City of Alexandria would bring this project to completion to deploy charging infrastructure and support the electrification of our transportation systems, which will improve air quality; mitigate the impacts of climate change; and benefit the region's communities, residents, and stakeholders.

Thank you for your full and fair consideration of the City of Alexandria's grant application.

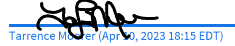
Monica Backmon, CEO

April 10, 2023

Page 2

Should you have questions, please contact me at 703-746-4078 or [tarrence.moorer@alexandriava.gov](mailto:tarrence.moorer@alexandriava.gov).

Sincerely,

  
Tarrence Moorer (April 10, 2023 18:15 EDT)

Tarrence Moorer,  
Interim Director Transportation and Environmental Services (T&ES)

CC James F. Parajon, City Manager  
Emily A. Baker, Deputy City Manager  
Hillary Orr, Deputy Director, T&ES  
Ryan Freed, Climate Action Officer



May 11, 2023

The Honorable Shailen Bhatt, Administrator  
U.S. Department of Transportation (Federal Highway Administration)  
1200 New Jersey Ave SE  
Washington, DC 20590-0001

Re: NVTA Endorsement of the City of Alexandria's FY2023 U.S. Department of Transportation's Charging and Fueling Infrastructure Discretionary Grant Program application.

Dear Administrator Bhatt:

On behalf of the Northern Virginia Transportation Authority (NVTA), I am pleased to express our full support of the City of Alexandria's FY2023 U.S. Department of Transportation's Charging and Fueling Infrastructure Discretionary Grant Program (CFI Program) application. Funding from this grant program towards the City of Alexandria's electric vehicle charging infrastructure will help improve sustainability for Northern Virginia, one of NVTA's Core Values.

The City of Alexandria has developed an Electric Vehicle Charging Infrastructure Readiness Strategy (EVRs) to act as a roadmap to meet the electric vehicle charging infrastructure and technical needs of the city as electric vehicle adoption increases. The EVRS includes 31 recommendations that will build an effective, innovative, and sustainable electric vehicle ecosystem.

The proposed community project will support the implementation of the electric vehicle charging infrastructure through the installation of publicly accessible level 2 and direct current fast chargers at multiple sites such as public parks, libraries, and on-street locations. The chargers will be in areas that will benefit disadvantaged communities and serve areas with a high concentration of multi-unit dwellings and limited off-street parking.

Federal funding through the CFI Program would greatly assist the City of Alexandria to deploy charging infrastructure and support the electrification of our transportation systems. This will help to improve air quality, mitigate the impacts of climate change, and help to meet NVTA's goals of improving mobility, accessibility, and resiliency through the Core Value of Sustainability.

Thank you for your consideration of the City of Alexandria's Charging and Fueling Infrastructure Discretionary Grant Program application as well as your time and attention.

Best Regards,

Phyllis J. Randall  
Chair

Cc: Tarrence Moorer, Interim Director, Transportation and Environmental Services  
Monica Backmon, Chief Executive Officer, NVTA

## NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

MEMORANDUM

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

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

**DATE:** May 4, 2023

**SUBJECT:** Chief Executive Officer's Report

---

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

**A. FY2024-2029 Six Year Program**

The Authority approved the Call for Regional Transportation Projects (CfRTP) for the FY2024-2029 Six Year Program (SYP) at its March 9, 2023, meeting. Accordingly, the online application portal opened on May 1<sup>st</sup>, 2023, for registered users from jurisdictions and agencies. The deadline for submitting applications is July 28<sup>th</sup>, 2023, at 5:00pm. The deadline for submitting resolutions of support from respective governing bodies is October 27<sup>th</sup>, 2023, at 5:00pm.

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

NVTA staff held a Pre-Request for Proposal (RFP) Open House/Consultant Briefing on March 30<sup>th</sup>, 2023. The context of the Preliminary Deployment Plan for a Regional Bus Rapid Transit (PDP-BRT), purpose, coordination required, leveraging current and recent work, key elements of the scope, of work, and other pertinent information were shared. This was followed by a question & answer session. Request for Proposals (RFP) for the PDP-BRT was posted on April 6<sup>th</sup>, 2023. Clarification questions received within the deadline of April 12<sup>th</sup>, 2023, were answered and published on NVTA [website](#) by April 17<sup>th</sup>, 2023. The deadline for proposals is on May 11<sup>th</sup>, 2023.

**C. Intelligent Transportation Society of Virginia Annual Conference**

NVTA Regional Transportation Planner Mackenzie Love is a member of the Board of Directors for the Intelligent Transportation Society of Virginia (ITSVA) and has helped organize its [Annual Conference](#). It will take place between May 10<sup>th</sup> and 11<sup>th</sup>, in Richmond, Virginia and comprises an audience of transportation technology specialists from the public and private sectors. A new feature of this year's event is a Poster Competition which creates the opportunity to share information with a state-wide audience. On behalf of NVTA, Mackenzie led the development of a successful submission to this competition and will attend the conference to share the resulting poster. The poster (Attachment A) focuses on NVTA's InNoVAtion Initiatives, which center on the Transportation Technology Strategic Plan (TTSP).

**D. Bike to Work Day**

On May 19<sup>th</sup>, NVTA staff will be participating in Bike to Work Day at the Town of Vienna pit stop located on the Town Green near Maple Avenue. Staff will be informing participants about NVTA's W&OD Trail investments in addition to NVTA's overall regional planning and programming role in Northern Virginia. Staff will be present from 7am to 9:30am and stationed alongside six other organizations.

**E. NVTA's 10<sup>th</sup> and 20<sup>th</sup> Anniversary Celebration**

NVTA will celebrate 20 years since the creation of the Authority and 10 years of dedicated transportation funding for regional multimodal, transportation investments that reduce congestion on June 8<sup>th</sup>, immediately following the conclusion of the June Authority meeting. The event will take place at Northern Virginia Associations of Realtors (NVAR) Fairfax Headquarters at 8407 Pennell St, Fairfax, VA 22031 with a program start time of 8pm. Invitations have been sent and current speakers include Chair Phyllis J. Randall, Delegate Vivian Watts, Former Governor Robert McDonnell, Former Delegate David Albo, and Former NVTA Chair Marty Nohe.

**F. Bisnow Developing & Innovating NoVA's National Landing**

On April 18<sup>th</sup>, I provided opening remarks to Bisnow's Developing & Innovating NoVA's National Landing event. I presented an overview of the nearly \$159 million NVTA has invested in National Landing and the \$97.27 million in the surrounding area and supporting transit systems (Arlington Transit (ART), Washington Metropolitan Area Transit Authority (WMATA), and Virginia Railway Express (VRE) systems).

**G. South Washington Transportation and History Plaza and South Washington and South Maple Intersection Improvements Projects Ribbon Cutting**

On April 19<sup>th</sup>, NVTA joined the City of Falls Church, the Virginia Department of Transportation (VDOT), the Federal Transit Administration, and the Northern Virginia Transportation Commission to celebrate the completion of the South Washington Transportation and History Plaza and South Washington and South Maple Intersection Improvements projects. Chair Phyllis J. Randall provided remarks on behalf of NVTA and Vice Chair David Snyder spoke on the history of the project and its impact on the city. NVTA's total investment of nearly \$2.5 million toward these projects was allocated through both Regional Revenues and Local Distributions Funds to provide safer, more direct, and more attractive pedestrian connections to the Intermodal Plaza at the intersection of South Washington Street and Hillwood Avenue.



#### **H. What's Next for Northern Virginia Transportation**

On April 21<sup>st</sup>, I attended the Northern Virginia Transportation Alliance's What's Next for Northern Virginia Transportation event. Featured panelists were Virginia Deputy Secretary of Transportation John Lawson, VDOT Northern Virginia District Administrator and Authority member John Lynch, and Virginia Passenger Rail Authority Executive Director DJ Stadtler. Of note was a discussion on Northern Virginia's lack of High Priority Program Funds from Round 5 of SMART SCALE. Additionally, the Commonwealth Transportation Board (CTB) is scheduled to further discuss the review of SMART SCALE at their retreat in July and is expected to take action on recommended changes in October.

#### **I. Balls Ford Road Interchange Ribbon Cutting**

On April 27<sup>th</sup>, I attended the ribbon cutting for the Balls Ford Road Interchange in Prince William County. On July 13, 2017, NVTA recommended approval of the Balls Ford Road Interchange project for funding Transform 66 Outside the Beltway Concessionaire Payment to the CTB along with 25 additional projects.

#### **J. Annual Northern Virginia Joint Transportation Meeting**

On May 2<sup>nd</sup>, NVTA joined regional partners for the Annual Northern Virginia Joint Transportation Meeting held at the Virginia Department of Transportation's NoVA District Offices. Secretary of Transportation W. Sheppard Miller III opened the meeting discussing transportation safety and the regional collaboration necessary in improving NoVA's transportation network. I discussed the recent adoption of TransAction, NVTA's Core Values and goals, and informed the public on how to track project status in real



time through NVTAs NoVA Gateway. Chair Phyllis J. Randall and Chair Ann Wheeler were in attendance and provided remarks on funding of transportation across the region. During the open house prior to the meeting, NVTAs staff greeted members of the public and demonstrated how to use the NoVA Gateway.

## 2. Monthly Factoid Talking Point

On May 11<sup>th</sup>, 2015, exactly 8 years ago to the date of the Authority meeting, NVTAs celebrated the first groundbreaking ceremony on a series of Route 28 improvement projects spanning across Fairfax, Loudoun, and Prince William Counties and the cities of Manassas and Manassas Park. The nine initial allocations received \$99M in NVTAs Regional Revenues and were funded in NVTAs FY2014 and FY2015-2016 funding programs. Since the inaugural groundbreaking, six projects have reached completion with the three remaining well underway:

In Prince William:

- Route 28 widening from Linton Hall Road to Fitzwater Drive, this includes the realignment of Vint Hill Road
- Route 28 widening from Route 234 Bypass to Linton Hall Road

In Loudoun:

- Route 28 South widening from Sterling Boulevard to the Dulles Toll Road

In Fairfax:

- Route 28 North widening from McLearen Road to the Dulles Toll Road
- Route 28 South widening from the Dulles Toll Road to Route 50
- Route 28 widening from the Prince William County Line to Route 29

In the City of Manassas:

- Route 28 widening from Godwin Drive to the Southern City/Prince William County limits
- Route 28 (Manassas Bypass) Study



### **3. Upcoming Events & Report Updates**

#### **A. NVTAs Standing Committee Meetings**

- **Governance and Personnel Committee:** The NVTAs Governance and Personnel Committee is scheduled to meet Thursday, July 13<sup>th</sup>, 2023, at 5:30 p.m.
- **Finance Committee:** The NVTAs Finance Committee is scheduled to meet Thursday, June 8<sup>th</sup>, 2023, at 6:00 p.m.

### **4. Regional Projects Status Report**

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

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

#### **Attachments:**

- A.** NVTAs Poster for ISTVA Annual Conference
- B.** Regional Funding Program Project Status Report

# Northern Virginia Transportation Authority's InNoVAtion Initiatives

The Northern Virginia Transportation Authority (NVTA) is committed to taking a proactive approach to technology to build momentum for the innovative transportation system of tomorrow.

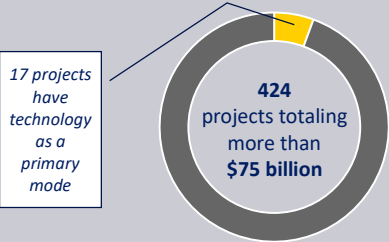


## BUILDING MOMENTUM



The Northern Virginia Transportation Authority (NVTA) develops Northern Virginia's long-range transportation plan, called TransAction. TransAction addresses regional transportation needs by identifying transportation projects that reduce congestion, enhance mobility, increase accessibility, and improve resiliency. The findings in TransAction are used to inform the NVTA's Six Year Program for Regional Revenue funding.

TransAction includes:

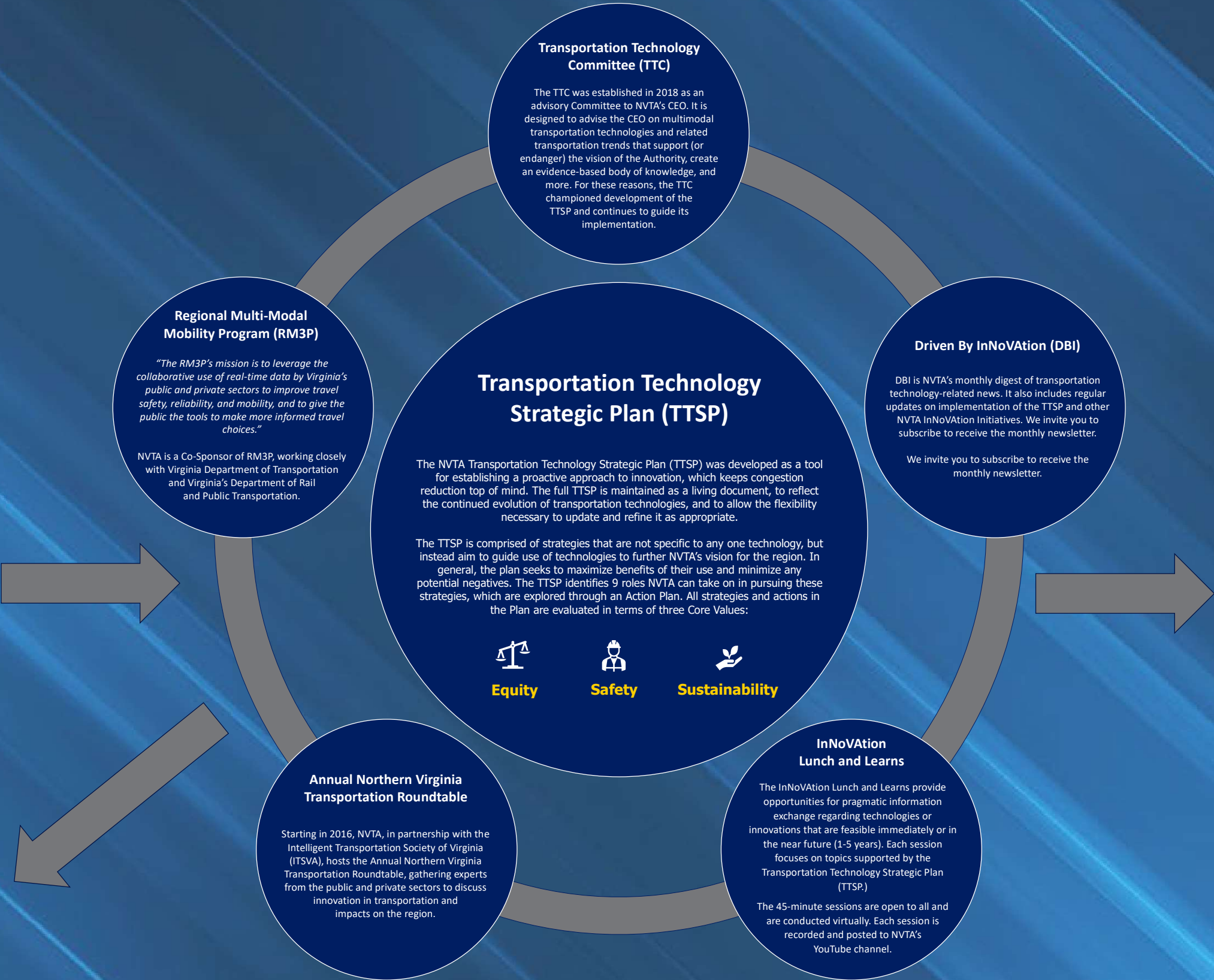


TransAction Vision Statement:

"Northern Virginia will plan for, and invest in, an **Equitable, Safe, Sustainable, and integrated** multimodal transportation system that enhances quality of life, strengthens the economy, and builds resilience."

### NVTA's Legislative Priorities

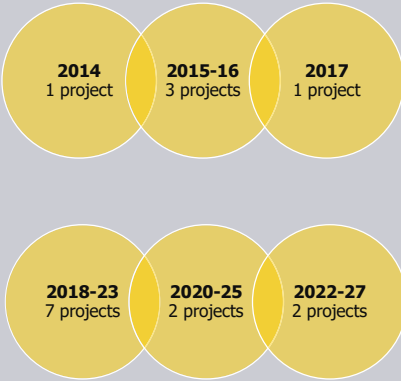
A legislative priority to "Support use of effective transportation technology" was introduced into NVTA's State and Federal Legislative Program in 2022. The position has since been updated and continued.



### NVTA's Six Year Program

NVTA allocates Regional Revenues to transportation projects across Northern Virginia during its Six Year Program (SYP) update that occurs every two years. The process begins with a Call for Regional Transportation Projects which allows eligible entities to apply for funding to advance projects from TransAction that align with regional transportation priorities.

NVTA has funded technology-related project(s) in each of its funding programs:



Scan this QR Code to learn more about NVTA's InNoVAtion Initiatives!



**NVTA Funding Program Project Status**  
Summary Report

As of May 1, 2023.			
NVTA's Regional Fund Program FY2014 - FY2027			Upcoming Public Information Meeting(s):  NOTE: For latest information on project events, please refer to the "Events and Meetings" section on our home page - <a href="https://thenovaauthority.org/">https://thenovaauthority.org/</a> For full status information, please check NVTA web page on regional fund projects - <a href="https://thenovaauthority.org/funded-projects/">https://thenovaauthority.org/funded-projects/</a>
Total Revenue Allocated		\$3,121,078,666	
Total Amount Appropriated		\$2,007,135,169	
Total Amount Reimbursed		\$734,638,172	
Total Number of Individual Projects		122	
Number of Standard Project Agreements (SPAs)	162	Revenue Allocated	
Closed out, project completed	41	\$339,363,635	
Closed out, project ongoing	19	\$94,712,752	
Executed, funded phase underway	50	\$1,165,314,112	
Executed, funded phase not started	10	\$354,240,000	
Appropriated, no SPA yet	7	\$53,504,670	
Approved, no appropriation yet	35	\$1,113,943,497	
Substantive Status Updates (during March 2023 - April 2023)**			
Project Title (program year)	Updated Status		% Reimbursed
Arlington County			
Boundary Channel Drive Interchange (FY 2014)	All NVTA funds for this project have been reimbursed, and NVTA SPA was closed out on February 27, 2023. Construction is continuing, including beginning work on the western roundabout.		FY 2014: 100%
Crystal City Streets (FY 2017)	15th St: 100% plans were submitted the week of March 5th.		FY 2017: 38.7%
Intelligent Transportation System Improvements (FY 2018-2023)	Three projects, two from Phase I & one from Phase II, were combined as one project, and is currently being solicited for bids.		FY 2018-23: 17.13%
Fairfax County			
Frontier Drive Extension & Interchange Improvements (FY 2015-2016/2018-2023)	Fairfax County Board of Supervisors endorsed Design Plans on 4/11/23.		FY 2015-16: 100% FY 2018-23: 0%
Prince William County			
Route 1 Widening: Featherstone Road to Mary's Way (FY2014/FY2015-16/FY2017)	All major construction activities on phases I and II are complete.		FY 2014: 100% FY 2015-16: 86.8% FY 2017: 97.1%
Route 28 Corridor Roadway Improvements - East of 234 (Manassas Bypass) (FY2015-16/FY2018-23)	Public Information Meetings were held in Fairfax County on April 19th and Prince William County on April 20th.		FY 2015-16: 100% FY 2018-2023: 72.54% FY 2018-2023: 0%
North Woodbridge Mobility Improvements (FY2020-25)	Right-of-Way acquisition has begun.		FY 2020-25: 11.74%
City of Alexandria			
Potomac Yard Metrorail Station (FY2014/2015-16/17)	Active construction is continuing with a focus on systems testing and finishing work throughout the station. WMATA announced an opening date of May 19th, and restoration work will continue past this date.		FY 2014: 100% FY 2015-2016: 100% FY 2017: 100%
City of Fairfax			
Jermantown Road Corridor Improvements Project (FY 2018-23)	The Jermantown Road Corridor Improvements project will be brought to the City Council's work session on May 9, followed by a community input meeting on May 31.		FY 2018-23: 2.53%

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

<b>Town of Leesburg</b>		
Construct Interchange at Route 15 Bypass and Battlefield Parkway (FY 2018 - 2023)	A final Public Information Meeting was held on April 27, 2023.	FY 2018-23: 43.19%
<b>VRE</b>		
VRE Crystal City Station Improvements (FY 2015/FY 2018 - 2023)	Track geometry for the CSXT 4th track was received, and is being reviewed to determine any necessary modifications to the existing VRE Station design; after which Station design will progress to 60%.	FY 2015: 100% FY 2018-23: 0%
<b>No Updates in Current Cycle</b>		
<b>Project Title (program year)</b>	<b>Last Update Received</b>	<b>% Reimbursed</b>
<b>Arlington County</b>		
Glebe Road Corridor ITS Improvements (FY 2015-16)	December 2022.	FY 2015-2016: 31.2%
<b>City of Alexandria</b>		
DASH Transit Service Enhancements and Expansion (FY 2018-23)	July-August 2022.	FY 2018-23: 78.41%
<b>City of Falls Church</b>		
West Falls Church & Joint Campus Revitalization District Multimodal Transportation Project (FY 2018-23)	March 2023.	FY 2018-2023: 52.59%
Downtown Falls Church Multimodal Improvements (FY 2018-23)	March 2023.	FY 2018-2023: 0%
West Falls Church Access to Transit and Multimodal Connectivity (FY 2020 - 2025)	March 2023.	FY 2020-2025: 0%
<b>Town of Herndon</b>		
Herndon Parkway Intersection Improvements at Van Buren St (FY 2014)	January 2023.	FY 2014: 89.3%