

2022
ANNUAL
REPORT

MOMENTUM BUILDERS

IN A REGION CONNECTED



20TH ANNIVERSARY



20 22



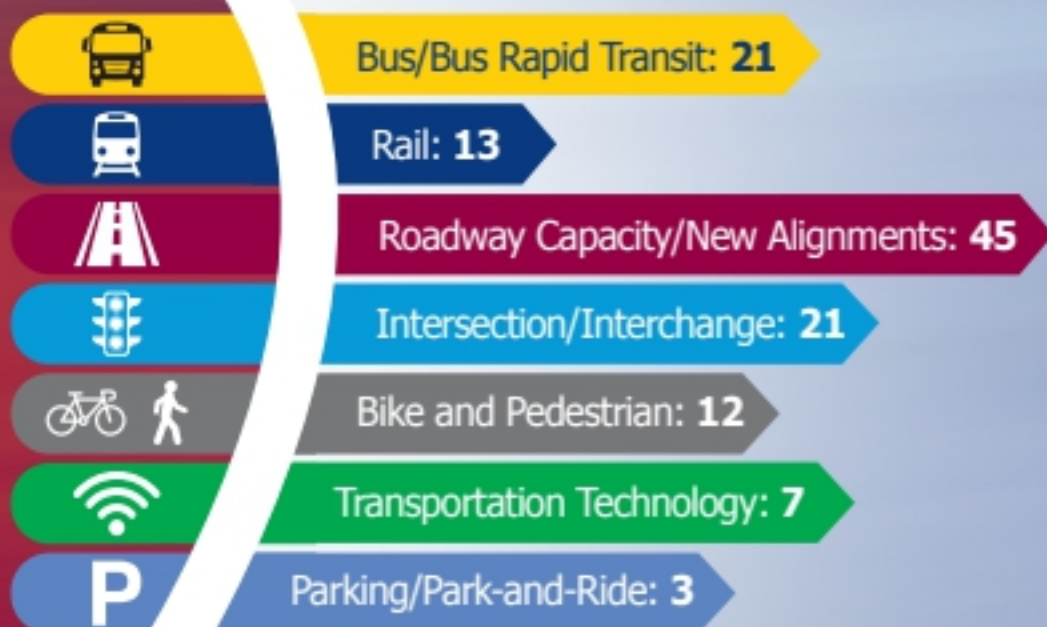
20TH ANNIVERSARY

The Northern Virginia Transportation Authority

(NVTA) continues to invest in regional multimodal projects, delivering results that enhance the quality of life for Northern Virginians and the entire Washington metropolitan region. Not only did the NVTA turn 20, but for the first time, NVTA's Six Year Funding Program and long-range transportation plan were updated concurrently and adopted in the same year. With each investment in regional transportation projects, the NVTA continues to build momentum to keep a uniquely connected region moving.

Investing in the Region:

Modal Breakout of Projects Funded with NVTA Regional Revenues





VOTING MEMBERS

Chair: Phyllis J. Randall, Loudoun County
Vice Chair: David F. Snyder, City of Falls Church
Anthony Bedell, Virginia Speaker of the House Appointee
Jennifer Boysko, Virginia Senate
Katie Cristol, Arlington County
Michelle Davis-Younger, City of Manassas
Pat Herryty, Virginia Speaker of the House Appointee
Mary Hynes, Gubernatorial Appointee, Commonwealth
 Transportation Board Member
Jim Kolb, Gubernatorial Appointee
Jeffrey C. McKay, Fairfax County
David L. Meyer, City of Fairfax
Jeanette Rishell, City of Manassas Park
Ann B. Wheeler, Prince William County
Justin Wilson, City of Alexandria

NON-VOTING MEMBERS

Jennifer DeBruhl, Department of Rail and Public
 Transportation (DRPT)
John D. Lynch, Virginia Department of Transportation
 (VDOT)
Derrick Wood, Town of Dumfries

NOT PICTURED



Jennifer Boysko
 Virginia Senate



**Michelle
 Davis-Younger**
 City of Manassas



Jennifer DeBruhl
 DRPT



Jim Kolb
 Gubernatorial
 Appointee



David Meyer
 City of Fairfax



Derrick Wood
 Town of Dumfries

The following individuals previously served on the Authority
 at varying times during 2022: **Delegate Vivian Watts**,
Delegate Danica Roem, **Delegate David LaRock**, and
Jennifer Mitchell (DRPT).

ABOUT NVTA

NORTHERN VIRGINIA TRANSPORTATION AUTHORITY AT-A-GLANCE

9

**NORTHERN VIRGINIA
MEMBER
JURISDICTIONS:**

ARLINGTON
COUNTY

PRINCE WILLIAM
COUNTY

CITY OF
FALLS CHURCH

FAIRFAX
COUNTY

CITY OF
ALEXANDRIA

CITY OF
MANASSAS

LOUDOUN
COUNTY

CITY OF
FAIRFAX

CITY OF
MANASSAS PARK

1

**Northern
Virginia Town**
(with a population
of 3,500 or more)*

1

**State Senator
Appointed by the
Senate Committee
on Privileges
and Elections**

2

**Members
Appointed by
the Speaker of
the House**

2

**Gubernatorial
Appointees**
(1 Commonwealth
Transportation Board
Member & 1 Citizen)

2

**Commonwealth
Agency
Representatives**
(Commissioner of Highways
or Designee & Director of
DRPT or Designee)

* The Town representative is selected annually.

NVTA'S PRIMARY RESPONSIBILITIES



NOVA LONG-RANGE TRANSPORTATION PLAN VISION STATEMENT

Northern Virginia will plan for, and invest in, a safe, equitable, sustainable, and integrated multimodal transportation system that enhances quality of life, strengthens the economy, and builds resilience.

LETTER FROM THE CHAIR



The Northern Virginia Transportation Authority recognizes in a region as diverse as ours, reducing congestion and improving the quality of life of all residents by decreasing time spent commuting requires providing people with multiple transportation options. In 2022, NVTA truly delivered. For the first time in NVTA's history, NVTA simultaneously adopted the FY2022-2027 Six Year Program and the long-range transportation plan for Northern Virginia, TransAction. These accomplishments incorporated all transportation modes and are a testament to building momentum to create a more equitable, sustainable and safer transportation network in a connected region.

I'm so proud that with my colleagues on the Authority, we unanimously adopted the FY2022-2027 Six Year Program, investing nearly \$625 million in multimodal transportation projects to bolster the economy and significantly improve Northern Virginians' quality of life. The adoption marks NVTA's sixth funding program and was a wonderful way to commemorate the Authority's 20th anniversary!

When planning for the region's transportation future, NVTA understands the diverse needs of Northern Virginia. There is no one solution that can solve all transportation concerns, nor can one entity provide all the answers. As population and employment continue to increase, it is imperative for the NVTA and our partners within the region and beyond work collaboratively to enhance mobility, increase accessibility and prioritize long-term resiliency to support the rapid growth.

Planning and investing in the future of Northern Virginia's regional transportation network is never completed without seeking feedback from the public. In the spring and late summer of this year, the NVTA held two public comment periods asking residents from around the region for input on transportation priorities and projects encompassing transit, bike and pedestrian facilities, roadway, transportation technologies, and more. We are grateful for every comment received, as this feedback is an important part of the update process.

Finally, as we look ahead to 2023, NVTA and its member jurisdictions and regional partners continue to keep the protection and restoration of the Authority's revenues top of mind as part of their legislative program priorities. The region's transportation needs are vast, and it is imperative that the funding to adequately address them are protected. It is vital for the NVTA's revenues to be restored and preserved so we can continue to make regionally impactful investments now and well into the future.

Phyllis J. Randall

Phyllis J. Randall
Chair, Northern Virginia Transportation Authority



In November, Chair Randall provided remarks during a grand opening ceremony, celebrating the Silver Line Extension to Washington Dulles International Airport and Loudoun County.

FY2022–2027 SIX YEAR PROGRAM (SYP) **ADOPTED**

NVTA's **6th**
Funding Program

\$1.2B+
in regional revenue funds,
requested by **9** NoVA
jurisdictions

26

Candidate transportation
projects submitted—
encompassing railway,
Bus Rapid Transit (BRT),
roadways, pedestrian/bicycle
pathways and transportation
technologies

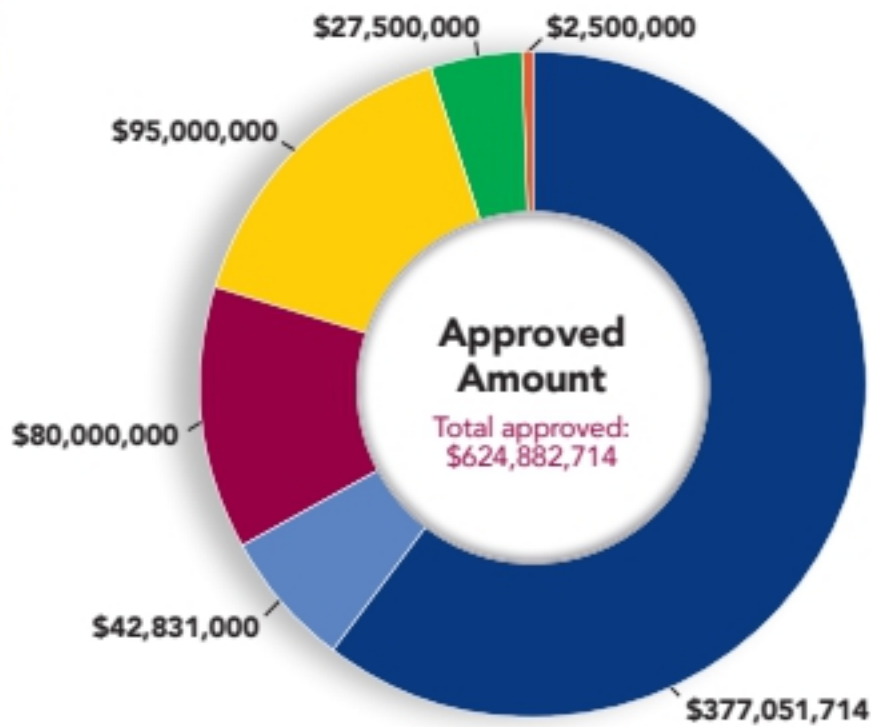
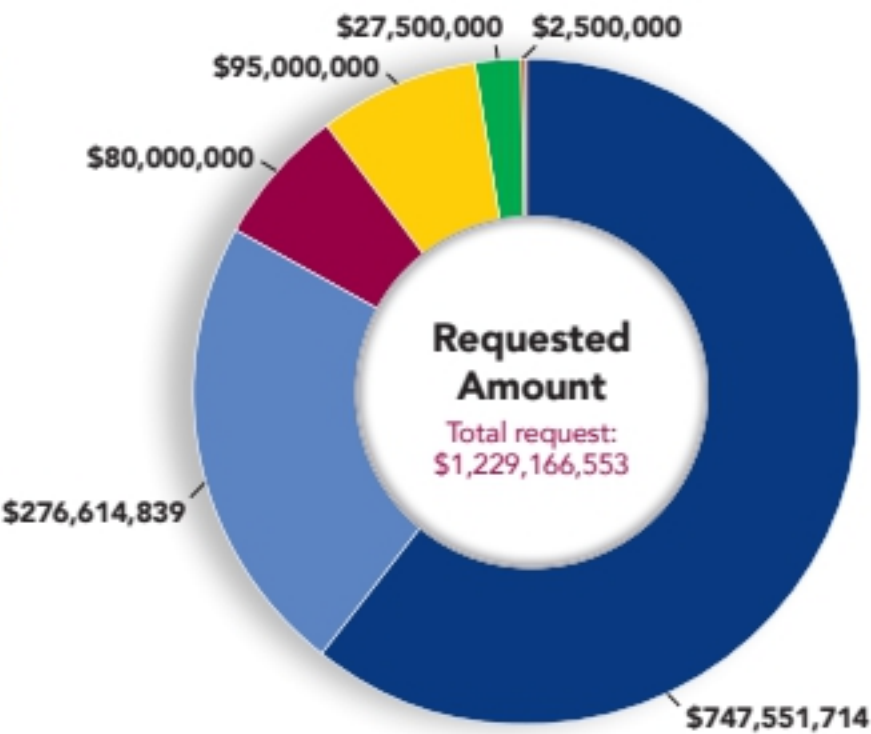
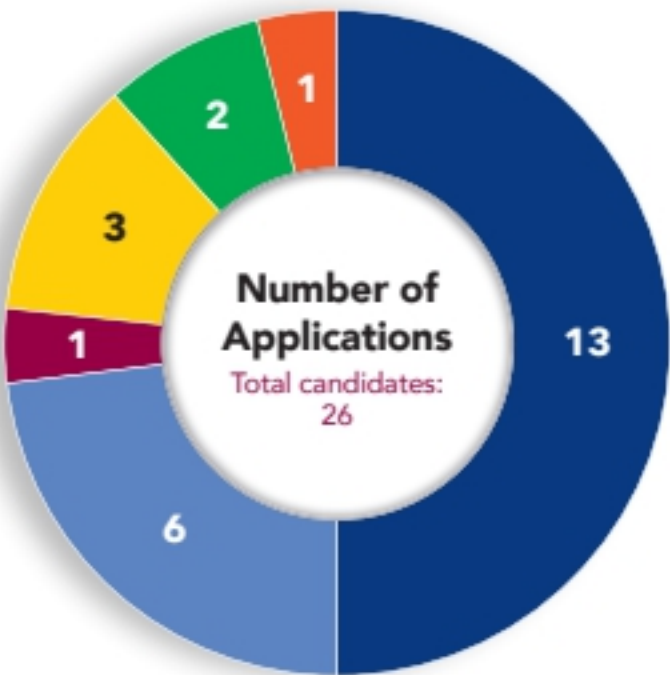
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Multimodal transportation
projects unanimously adopted,
totaling nearly

\$625M

PRIMARY MODE	NUMBER OF APPLICATIONS	REQUESTED AMOUNT	SHARE OF TOTAL REQUEST	NUMBER OF APPROVED PROJECTS	RECOMMENDED AMOUNT	SHARE OF TOTAL RECOMMENDATION
ROADWAY	14	\$842,351,714	68.5%	10	\$377,051,714	60.3%
INTERCHANGE/ INTERSECTION	5	\$181,814,839	14.8%	3	\$42,831,000	6.9%
METRORAIL/ COMMUTER RAIL	1	\$80,000,000	6.5%	1	\$80,000,000	12.8%
BUS RAPID TRANSIT (BRT)/ BUS	3	\$95,000,000	7.7%	3	\$95,000,000	15.2%
BIKE-PEDESTRIAN	2	\$27,500,000	2.2%	2	\$27,500,000	4.4%
TECHNOLOGY	1	\$2,500,000	0.2%	1	\$2,500,000	0.4%
TOTAL	26	\$1,229,166,553	100%	20	\$624,882,714	100%

JURISDICTION	NUMBER OF PROJECTS APPROVED	APPROVED AMOUNT	PRIMARY MODE
ARLINGTON COUNTY	1	\$80,000,000	
FAIRFAX COUNTY	6	\$336,200,075	 
LOUDOUN COUNTY	4	\$73,750,000	 
PRINCE WILLIAM COUNTY	4	\$89,000,000	 
CITY OF ALEXANDRIA	2	\$10,000,000	  
CITY OF FALLS CHURCH	1	\$22,500,000	 
CITY OF MANASSAS	1	\$8,851,639	
TOWN OF HERNDON	1	\$4,581,000	
TOTAL	20	\$624,882,714	



● Roadway	● Intersection/Interchange
● Metrorail/VRE Commuter Rail	● BRT/Bus
● Bicycle & Pedestrian Facility	● Transportation Technology

ADOPTED SIX YEAR PROGRAM PROJECT LOCATIONS



Call for Regional
Transportation
Projects &
Application

JULY 1–OCT 1
2021

Public
Engagement
& Public
Comment Period

APR 15–MAY 22
2022

Public
Hearing

MAY 12
2022

Public
Comment
Report Shared
with Authority

JUNE 9
2022

ADOPTION

JULY 14
2022

HOW WE GOT HERE

NOV 2021–
MAR 2022

Evaluation

MAY 4
2022

Six Year
Program Open
House

JUNE
2022

NVTA Staff
Recommendations
Shared with
Standing and
Statutory
Committees

JUNE
2022

Planning and
Programming
Committee
Recommendation

SUMMER–FALL
2022

Reporting

BUILDING MOMENTUM. DELIVERING RESULTS.

Providing Multimodal Transportation Options through a Sustainable Approach

- Continued emphasis on Bus Rapid Transit (BRT)
- Investing in Metrorail
- Enhancing bike/pedestrian trails and facilities (including complementary modes to primary roadway projects)
- Adoption of 20 new multimodal projects that reduce congestion

Focusing on Transportation Technology

- Commitment to decarbonization of transit fleets
- Expanding Intelligent Transportation Systems deployment to keep buses and motorists moving more efficiently

Connecting the Region

- Adopted projects represent a geographically and modally balanced investment in the region
- Taking a multimodal approach to reduce congestion and get people to their destinations faster

KEY COMPONENTS OF PROJECT SELECTION PROCESS

ELIGIBILITY

- Project must be in Northern Virginia's long-range transportation plan, TransAction
- Governing Body resolution required
- Candidate project must be substantially located in NoVA



QUANTITATIVE ANALYSIS

- Priority given to project-level Congestion Reduction Relative to Cost (CRRC) ratios
- Account for TransAction Project Ratings (utilizing Authority-approved weighted performance measures)
- Long-term benefits



QUALITATIVE CONSIDERATIONS

- Continuation project (previously funded segment)—Yes or No?
- Past performance (assessed at jurisdiction/ agency and project levels, where appropriate)

- Extent of committed external funding (can include NVTa local funding, or 30% revenues)
- Funding gap
- Supporting resolutions from other Governing Bodies
- Other factors specific to individual candidate projects
- Project readiness
- Local Priority
- Modal and geographic balance



PUBLIC COMMENT

- Public invited to provide feedback on candidate multimodal transportation projects
- Public Comment Period and Public Hearing
- Public Comment Summary reviewed with the Authority



STAYING ENGAGED.

We asked for your input.
You answered.

PUBLIC ENGAGEMENT BY THE NUMBERS

- 1,600+ public comments submitted
- 5 weeks SYP Public Comment Period open
- 1 hybrid Public Hearing held
 - 9 testimonies provided
- 1 Open House
- 50+ media placements on SYP Adoption secured through regional collaboration
- 699M potential news reach in July/SYP Adoption Month
- 216 total mentions of SYP across editorial, social and broadcast

TOP KEY WORDS

Common Themes Used in Media
and on Social after SYP Adoption

HIGHWAY PROJECTS BICYCLE
TRANSIT PROJECTS EXCITING PATHWAYS
REGION NEWS
GREAT PROGRAM
ADDITION FUNDING
INVESTMENTS COMMUNITY ELECTRIC
TRANSPORTATION ADOPTION BUS FLEET
TECHNOLOGY SYP UPDATE PROJECTS

Nine residents from across the region provided testimony during the SYP Update Public Hearing on May 12, 2022.



Virginia Secretary of Transportation W. Sheppard "Shep" Miller III visits NVT's booth during the Six Year Program Update Open House held at the Virginia Department of Transportation's NoVA District offices prior to the Annual Northern Virginia Joint Transportation Meeting on May 4, 2022.

TRANSACTION UPDATE **ADOPTION**

ADOPTING TRANSACTION: PLANNING FOR NOVA'S TRANSPORTATION FUTURE

What is TransAction?

- ✓ Long-range multimodal transportation plan for Northern Virginia addressing regional transportation needs through 2045
- ✓ Needs-based plan, which includes more projects than can be funded and reach beyond NoVA
- ✓ Includes a plan document and an associated list of transportation projects identified to reduce congestion and improve travel throughout the region
- ✓ Results used to inform the NVTAs Six Year Program for regional revenue funding



GOALS:
What we want to achieve

- Enhance Mobility
- Increase Accessibility
- Improve Resiliency

CORE VALUES:
How we achieve the goals

- ⚖ Equitably
- 🌱 Sustainably
- 👷 Safely

TransAction looks to the future of Northern Virginia's transportation network by planning for an equitable, sustainable and safe multimodal transportation network with a vision to enhance mobility, increase accessibility and improve resiliency.

GOAL	OBJECTIVE	PERFORMANCE MEASURE	WEIGHT	ALIGNMENT WITH CORE VALUES
Mobility: Enhance quality of life of Northern Virginians by improving performance of the multi-modal transportation system.	A. Reduce congestion and delay	A1. Total person-hours of delay in autos	10	
		A2. total person-hours of delay on transit	10	
	B. Improve travel time reliability	B1. Duration of severe congestion	10	
		B2. Transit person-miles in dedicated/priority ROW	10	
Accessibility: Strengthen the region's economy by increasing access to jobs, employees, markets and destinations for all communities.	C. Improve access to jobs	C1. Access to jobs by car, transit and bike	10	
		C2. Access to jobs by car, transit and bike for Equity Emphasis Area (EEA) ¹ populations	10	
	D. Reduce dependence on driving alone by improving conditions for people accessing transit and using other modes	D1. Quality of access to transit and the walk/bike network	15	
Resiliency: Improve the transportation system's ability to anticipate, prepare for and adapt to changing conditions and withstand, respond to and recover rapidly from disruptions.	E. Improve safety and security of the multimodal transportation system	E1. Potential for safety and security improvements	10	
	F. Reduce transportation related emissions	F1. Vehicle emissions	10	
	G. Maintain operations of the regional transportation system during extreme conditions	G1. Transportation system redundancy	5	

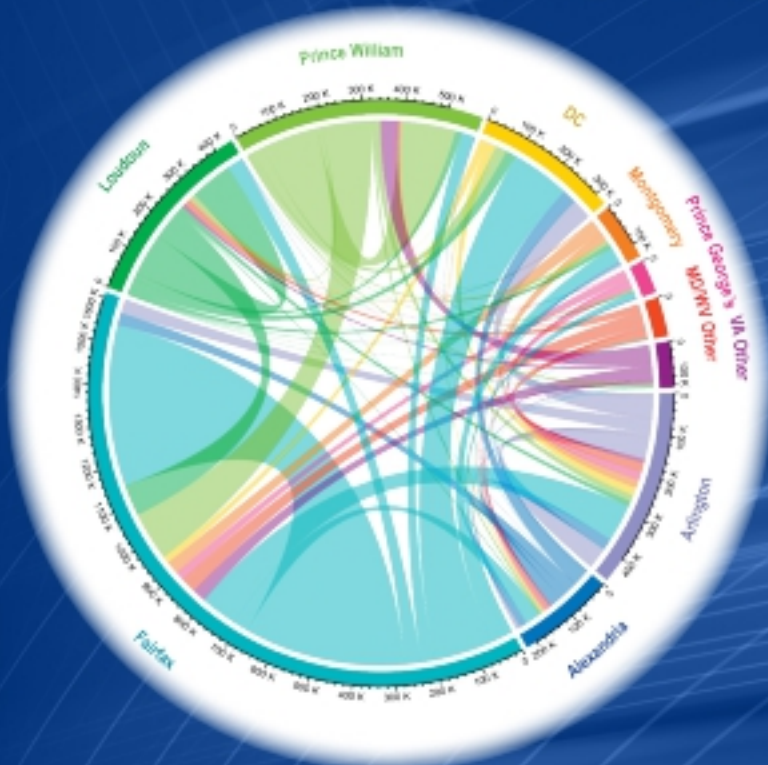
Note: Transit may include HOV.

TransAction is evaluated using the ten weighted performance measures approved by the Authority in November and December 2021 which determine the degree to which different transportation projects, policies and strategies meet TransAction's goals.

AN OPPORTUNITY THAT HAPPENS ONCE EVERY FIVE YEARS



Understanding the Region's Transportation Needs



When looking out to 2045, 1.3 million commute trips (76%) starting in Northern Virginia will remain in NoVA. 17% will have a destination in Washington, D.C., 6% will have a destination in Maryland, and 1% will have a destination in other parts of Virginia.

76% of 2045 commute trips by Northern Virginia residents will have a **work destination in Northern Virginia**

It takes a region.

The 424 candidate regional projects identified in the Plan exceed the NVTa's expected funding available through 2045. Other funding sources, including federal, state, local, and private dollars, may be available to help close the gap. Regional collaboration and the ability to work beyond jurisdictional lines is key to keeping the D.C. metropolitan area moving.

With forecasted population and employment growth through 2045, investing in transportation infrastructure with a multimodal approach is essential, as no single project, program, policy or mode will address all the region's transportation needs.

Transaction Update Adoption continues on page 17



“It is an honor to sit at the helm of NVTA, as we keep a heightened awareness and desire to address climate change; promote sustainability and resiliency; and integrate equity and safety considerations into all phases of transportation. With NVTA’s primary responsibility to reduce traffic congestion, we are focused on improving Northern Virginia’s multimodal transportation network and getting people home to their loved ones faster.”

**Phyllis J. Randall, Chair, NVTA,
and Loudoun County Board of Supervisors**



“Transit represents what I call the ‘three big E’s’: Environment, Equity and the Economy. NVTA is leading the region’s approach to provide innovative and meaningful transportation choices for all Northern Virginians, especially those in outer jurisdictions. This approach is demonstrated through NVTA’s funding on numerous projects that increase transit capacity and implementation of its Transportation Technology Strategic Plan which supports other service improvements through things like microtransit.”

**David F. Snyder, Vice Chair, NVTA,
and Council Member, City of Falls Church**



“In just under a decade, NVTA has already invested \$3.1 billion in regional transportation projects located throughout NoVA, including the largest amount of funding allocated towards Bus Rapid Transit systems in the entire Commonwealth of Virginia. NVTA’s investments to improve the transportation network are making a profound impact on quality of life for Northern Virginians, as they can get to their destinations faster and more safely.”

**Jeffrey C. McKay, Chairman
Fairfax County Board of Supervisors**



“NVTA takes a holistic and multimodal approach to improving travel choices and conditions for commuters across the region and in major corridors such as Route 28 and I-95/US 1. It is a rewarding experience to be a member of the Authority, which takes a regional and collaborative approach to improve mobility and accessibility for those traveling in the DMV.”

**Ann B. Wheeler, Chair
Prince William Board of County Supervisors**



“I’m proud of the Authority’s investments in Metrorail and VRE that will reduce driving dependency by maximizing access, through numerous station capacity expansions and enhancements. NVTA’s transit infrastructure investments will encourage more economic development and provide access to more transportation choices in a uniquely connected region.”

**Katie Cristol, Chair
Arlington County Board**



“NVTA supports an array of transit capacity enhancements, whether new bus fleets, expanded maintenance and storage facilities for buses, or new Bus Rapid Transit infrastructure. What I admire about NVTA is that it funds projects designed around people rather than vehicles, such as bike and pedestrian improvements at enhanced intersections that have a regional impact to address today’s travel patterns.”

**David L. Meyer, Mayor
City of Fairfax**

CONNECTING A REGION



“ NVTA is leading the charge across the Commonwealth to implement a Bus Rapid Transit, or BRT, network in Northern Virginia, including investment in several BRT systems in the City of Alexandria.

Increasing accessibility and transit capacity, whether bus or rail like the new Potomac Yard Metro Station, is important to me to promote equity and help reduce climate change. Transit remains as one of NVTA’s top priorities. ”

**Justin Wilson, Mayor
City of Alexandria**



“ As a custodian of Northern Virginians’ taxpayer dollars, NVTA places the utmost importance on transparency and accountability, while also keeping our core values of safety, equity and sustainability top of mind. As Chair of the Finance Committee and Vice Chair of NVTA’s

Transportation Technology Committee, it’s critically important to evaluate ramifications for all projects and consider the needs of all populations, particularly those who are traditionally underserved. We also aim to carry these values into the future by championing privacy and cybersecurity for all Northern Virginians. ”

**Jeanette Rishell, Mayor
City of Manassas Park**



“ Climate change mitigation is a major challenge across the region, a reason NVTA adopted its Transportation Technology Strategic Plan, which includes strategies to reduce greenhouse gas emissions. It’s rewarding to be a part of an organization like NVTA that works collaboratively with other jurisdictions and agencies to invest in rail enhancements such as the VRE Manassas

Line which ultimately helps reduce traffic congestion and decarbonize the transportation system on major corridors of statewide significance like Route 28. ”

**Michelle Davis-Younger, Mayor
City of Manassas**



“At NVTA, we work collaboratively and across jurisdictional lines to get people to their destinations faster, something I’m proud to be a part of and can really get behind. It is also imperative we quickly address decarbonization of the transportation system and invest in multimodal transportation solutions, such as an expanded electric vehicle infrastructure, to keep the region moving in sustainable ways.”

**Jennifer Boysko, Senator
Virginia Senate**



“Collaboration between VDOT, the Commonwealth of Virginia and NVTA is exemplified by our joint work on the Regional Multi-Modal Mobility Program (RM3P), which is a groundbreaking initiative to explore new ways to keep NoVA moving using transportation technology and incentivization. VDOT is always delighted to partner with the Authority in bringing NVTA’s transportation investments into finished projects that will tackle traffic congestion and improve mobility.”

**John D. Lynch, P.E., Northern Virginia District Engineer
Virginia Department of Transportation (VDOT)**



“NVTA embraces our region’s need for multimodal choices that are robust and allow residents to make choices that fit their lives and needs. NVTA’s expansive attention to listening and collaboration with groups across the region is typical of the team effort needed to design solutions that effectively meet NOVA’s transportation vision and goals.”

**Mary Hynes, Gubernatorial Appointee
Commonwealth Transportation Board Member**