XI.

NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

M E M O R A N D U M

TO: Chair Randall and Members of the Northern Virginia Transportation Authority

FROM: Monica Backmon, Executive Director

DATE: January 3, 2020

SUBJECT: Executive Director's Report

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

1. **Regional Multimodal Mobility Program.** NVTA staff continues to work in partnership with the Commonwealth on the Regional Multimodal Mobility Program (RM3P). The project will address the region's congestion and accessibility challenges using a range of technologies. NVTA staff, together with numerous jurisdiction and agency staff members, are participating in five Program Element Guidance Teams. These teams are developing white papers that will be used to shape the procurements associated with each Program Element, scheduled for later in 2020. In addition, NVTA staff continue to participate in the Project Management Support Group and Communications Working Group. In the near future, NVTA staff will begin to coordinate with the RM3P independent evaluator (Virginia Transportation Research Council) on behalf of the RM3P team.

2. **5th Annual Northern Virginia Transportation Roundtable.** This year's event is scheduled for Wednesday March 11th, from 8:00 a.m. through noon at the NVTA offices. Once again, the event will be hosted by NVTA in conjunction with the Intelligent Transportation Society of Virginia (ITS-VA). Two expert panels, one from the public sector and one from the private sector, will provide perspectives on the region's preparedness for transportation technology. This year's Roundtable is especially timely given the work of the Transportation Technology Committee in developing a Transportation Technology Strategic Plan, and the ongoing ramp-up to the next TransAction update. ITS-VA is expected to announce registration details on January 30th, and the event is expected to be sold out, as it was last year.

3. **Joint Public Information Officer (PIO Meeting).** The Joint Public Information Officer group will meet on Tuesday, January 14th at 10:30 a.m. at the NVTA offices. This will be the third meeting for the PIOs. The PIOs will discuss regional collaboration, the

upcoming Six Year Program Update public comment period, transportation-related events and communication strategies. The Joint PIO Meeting will occur every three to four months.

4. **The Transportation Technology Committee**. The Transportation Technologies Committee last met on Wednesday, December 4th. Proposals for the structure of, and topics for inclusion in, the Transportation Technologies Strategic Plan were presented to the Committee. Members provided thoughtful suggestions regarding the types of technologies proposed for consideration in the plan and how they could be grouped, as well as the linkages between said technologies and previously identified needs of the region. Opportunities and challenges faced by each grouping of technologies were also discussed.

   NVTA Staff has begun the process of drafting the Transportation Technologies Strategic Plan, incorporating the input of the Committee and soliciting additional feedback when appropriate. The Committee's next meeting will be scheduled to review this document, a first draft of which is expected in March of 2020.

5. **NVTA Standing Committee Meetings**
   - **Governance and Personnel Committee:** The next meeting of the NVTA Governance and Personnel Committee is TBD.
   - **Finance Committee:** The NVTA Finance Committee is scheduled to meet next on Thursday, January 16, 2020 at 1:00pm.
   - **Planning and Programming Committee**: The NVTA Planning and Programming Committee is scheduled to meet in February 2020. The meeting date will be posted when confirmed.

6. **NVTA Statutory Committee Meetings:**
   - **Planning Coordination Advisory Committee:** The NVTA Planning Coordination Advisory Committee is scheduled to meet in February 2020. The meeting date will be posted when confirmed.
   - **Technical Advisory Committee:** The next meeting of the NVTA Technical Advisory Committee is scheduled to meet in February 2020. The meeting date will be posted when confirmed.

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

8. **Regional Projects Status Report:**

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

Attachments:

1. CMAQ-RSTP Transfers
2. Regional Projects Status Report

Attachment 1.

NORTHERN VIRGINIA TRANSPORTATION AUTHORITY
M E M O R A N D U M

TO: Chair Randall and Members of the
Northern Virginia Transportation Authority

FROM: Monica Backmon, Executive Director

SUBJECT: Approval of Reallocation of Congestion Mitigation and Air Quality (CMAQ) and Regional Surface Transportation Program (RSTP) funds for Fairfax County

DATE: January 3, 2020

---

1. **Purpose:** To inform the Authority of Regional Jurisdiction and Agency Coordinating Committee (RJACC) Approval of Reallocation of Congestion Mitigation and Air Quality (CMAQ) and Regional Surface Transportation Program (RSTP) funds for Fairfax County.

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

   On January 2, 2020, Fairfax County requested the following reallocations:
   - $745,904 in CMAQ funds from CMAQ balance entry account to Richmond Highway BRT (UPC 115549).
   - $2,297,148 in CMAQ funds from CMAQ balance entry account to Richmond Highway BRT (UPC 115549).
   - $57,828 in RSTP funds from RSTP balance entry account to Richmond Highway Widening (UPC 107187).
   - $539 in RSTP funds from RSTP balance entry account to Richmond Highway Widening (UPC 107187).
   - $3,043,052 in RSTP funds from Richmond Highway BRT (UPC 115549) to Richmond Highway Widening (UPC 107187).

   The funding, which is being transferred from existing balance entry accounts, helps provide additional funding for projects on Richmond Highway.

   The RJACC approved this request on January 2, 2020.

   Attachment(s): DRAFT Letter to VDOT NOVA District Administrator Cuervo
   Request from Fairfax County

   Coordination: Regional Jurisdiction and Agency Coordinating Committee

January 9, 2020

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

Reference: Request to Reallocate Congestion Mitigation and Air Quality and Regional Surface Transportation Program funds for Fairfax County

Dear Ms. Cuervo:

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

On January 2, 2020, Fairfax County requested the following reallocations:

- $745,904 in CMAQ funds from CMAQ balance entry account to Richmond Highway BRT (UPC 115549).
- $2,297,148 in CMAQ funds from CMAQ balance entry account to Richmond Highway BRT (UPC 115549).
- $57,828 in RSTP funds from RSTP balance entry account to Richmond Highway Widening (UPC 107187).
- $539 in RSTP funds from RSTP balance entry account to Richmond Highway Widening (UPC 107187).
- $3,043,052 in RSTP funds from Richmond Highway BRT (UPC 115549) to Richmond Highway Widening (UPC 107187).

The funding, which is being transferred from existing balance entry accounts, helps provide additional funding for projects on Richmond Highway.

NVTA's delegation requires that the RJACC notify the NVTA of these requests. The RJACC approved the request on January 2, 2020, and the NVTA was informed at their January 9, 2020, meeting. The NVTA has not objected to these reallocations.

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

Sincerely,

Wendy Sanford
RJACC Vice-Chairman

cc: Phyllis Randall, Chair, NVTA
Monica Backmon, Executive Director, NVTA
Tom Biesiadny, Director, Fairfax County Department of Transportation

County of Fairfax, Virginia

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

January 2, 2020

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

Re: Reallocation of Regional Surface Transportation Program and Congestion Mitigation and Air Quality Funds

Noelle

Dear Ms. Dominguez:

Fairfax County requests the approval of the Regional Jurisdiction and Agency Coordinating Committee (RJACC) to transfer a total of $6,144,471 in federal funding as follows:

- $745,904 in Congestion Mitigation Air Quality (CMAQ) funds from CMAQ balance entry account, to Richmond Highway BRT, (UPC 115549).
- $2,297,148 in Congestion Mitigation Air Quality (CMAQ) funds from CMAQ balance entry account to Richmond Highway BRT, (UPC 115549).
- $57,828 in Regional Surface Transportation Program (RSTP) funds from RSTP balance entry account to Richmond Highway Widening, (UPC 107187).
- $539 in Regional Surface Transportation Program (RSTP) funds from RSTP balance entry account to Richmond Highway Widening, (UPC 107187).
- $3,043,052 in Regional Surface Transportation Program (RSTP) funds from Richmond Highway BRT, (115549) to Richmond Highway Widening, (UPC 107187).

The funding, which is being transferred from existing balance entry accounts, helps provide additional funding for projects on Richmond Highway. The Authority has previously approved funding for both projects.

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

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

FCDOT
Serving Fairfax County for 30 Years and More

Sincerely,

Tom Biesiadny
Director

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

CMAQ/RSTP Transfer Request Form

(One Sheet Needed Per Donor Project)

Date: 1/2/2020

Name of Jurisdiction/Agency Requesting: Fairfax County

Current Balance of CMAQ/RSTP Funds Currently Allocated to Donor Project (Prior to this Transfer): $745,904.00

From (Donor): To (Recipient):

UPC	Project Description	Type of Funds	Transfer from Previous Fiscal Years	If No, Year Requested	Transfer Amount	UPC	Project Description	Previously Approved by NVTA	If Yes, Year Approved	JACC Approval (NVTA)	Authority Approval (NVTA)	Funds Verified (VDOT)	Completed (VDOT)
N/A	Balance Entry Account	CMAQ	Y		$745,904.00	115549	Richmond Highway BRT	Y	2018				

TOTAL OF TRANSFER $745,904.00

Attach Signed Request of Transfer Letter

CMAQ/RSTP Transfer Request Form

(One Sheet Needed Per Donor Project)

Date: 1/2/2020

Name of Jurisdiction/Agency Requesting: Fairfax County

Current Balance of CMAQ/RSTP Funds Currently Allocated to Donor Project (Prior to this Transfer): $2,297,148.00

From (Donor): To (Recipient):

UPC	Project Description	Type of Funds	Transfer from Previous Fiscal Years	If No, Year Requested	Transfer Amount	UPC	Project Description	Previously Approved by NVTA	If Yes, Year Approved	JACC Approval (NVTA)	Authority Approval (NVTA)	Funds Verified (VDOT)	Completed (VDOT)
N/A	Balance Entry Account	CMAQ	Y		$2,297,148.00	115549	Richmond Highway BRT	Y	2018				

TOTAL OF TRANSFER $2,297,148.00

Attach Signed Request of Transfer Letter

CMAQ/RSTP Transfer Request Form

(One Sheet Needed Per Donor Project)

Date: 1/2/2020

Name of Jurisdiction/Agency Requesting: Fairfax County

Current Balance of CMAQ/RSTP Funds Currently Allocated to Donor Project (Prior to this Transfer): $57,828.00

From (Donor): To (Recipient):

UPC	Project Description	Type of Funds	Transfer from Previous Fiscal Years	If No, Year Requested	Transfer Amount	UPC	Project Description	Previously Approved by NVTA	If Yes, Year Approved	JACC Approval (NVTA)	Authority Approval (NVTA)	Funds Verified (VDOT)	Completed (VDOT)
N/A	Balance Entry Account	RSTP	Y		$57,828.00	107187	Richmond Highway Widening	Y	2015				

TOTAL OF TRANSFER $57,828.00

Attach Signed Request of Transfer Letter

CMAQ/RSTP Transfer Request Form

(One Sheet Needed Per Donor Project)

Date: 1/2/2020

Name of Jurisdiction/Agency Requesting: Fairfax County

Current Balance of CMAQ/RSTP Funds Currently Allocated to Donor Project (Prior to this Transfer): $539.00

From (Donor): To (Recipient):

UPC	Project Description	Type of Funds	Transfer from Previous Fiscal Years	If No, Year Requested	Transfer Amount	UPC	Project Description	Previously Approved by NVTA	If Yes, Year Approved	JACC Approval (NVTA)	Authority Approval (NVTA)	Funds Verified (VDOT)	Completed (VDOT)
N/A	Balance Entry Account	RSTP	Y		$539.00	107187	Richmond Highway Widening	Y	2015				

TOTAL OF TRANSFER $539.00

Attach Signed Request of Transfer Letter

CMAQ/RSTP Transfer Request Form

(One Sheet Needed Per Donor Project)

Date: 1/2/2020

Name of Jurisdiction/Agency Requesting: Fairfax County

Current Balance of CMAQ/RSTP Funds Currently Allocated to Donor Project (Prior to this Transfer): $3,043,052.00

From (Donor): To (Recipient):

UPC	Project Description	Type of Funds	Transfer from Previous Fiscal Years	If No, Year Requested	Transfer Amount	UPC	Project Description	Previously Approved by NVTA	If Yes, Year Approved	JACC Approval (NVTA)	Authority Approval (NVTA)	Funds Verified (VDOT)	Completed (VDOT)
115549	Richmond Highway BRT	RSTP	Y		$3,043,052.00	107187	Richmond Highway Widening	Y	2015				

TOTAL OF TRANSFER $3,043,052.00

Attach Signed Request of Transfer Letter

Attachment 2.

NVTA Funding Program Project Status

Upcoming Public Information Meetings:

NOTE: For the latest information on upcoming public meetings, please refer to the "**Events and Meetings**" section on our home page: https://thenovaauthority.org/

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Arlington County	**Blue Silver Line Mitigation -** Purchase of four new transit buses to introduce Silver Line connecting service. Arlington Transit is using the four 19 passenger buses to enable additional capacity on the ART 43 Route between Crystal City, Rosslyn and Court House.	$1,000,000 (FY2014)	Acquisition	Completed.			
Arlington County	**Boundary Channel Drive Interchange –** Constructs two roundabouts at the terminus of the ramps from I-395 to Boundary Channel Drive, which eliminate redundant traffic ramps to/from I-395. In addition, the project will create multi-modal connections (new trail connection to the Mt. Vernon trail) to/from the District of Columbia that will promote alternate modes of commuting into and out of the District.	$4,335,000 (FY2014)	Construction	Planning and design underway IMR approval from FHWA was received on 10/8/2019; construction of the interchange is anticipated to begin in FY 2021. Agreement to transfer PE/ROW/CN phases from County to VDOT was approved at the September 21 County Board. Long Bridge Drive was completed on June 28, 2018 and is closed out. Public information meeting will be held on December 5, 2019.	Long Bridge Drive was completed in June 2018 and interchange is expected by end of calendar year 2022.	2022	**50.7%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Arlington County	**Columbia Pike Multimodal Improvement** – Includes a modified street cross-section with reconfigured travel and transit lanes, medians and left-turn lanes, utility undergrounding and other upgrades along Arlington's 3.5-mile Columbia Pike corridor from the Fairfax County line on the west end to Four Mile Run.	$12,000,000 (FY2014)	Construction	Streetscape and Undergrounding plan approval received in May 2017. Washington Gas in-street gas main and lateral connections have been completed. Old gas line has been abandoned. The undergrounding and streetscape improvement have commenced with NTP of 2/20/18. Watermain and lateral connections are complete. Sanitary sewer and storm sewer anticipated for completion by end of year. Utility duct bank system installation complete and accepted by respective utility representative on the western end of this	Spring 2021	Spring 2021	**33.4%**
				segment. DE currently pulling lines with Verizon and Comcast to follow. Revised plans for - east end utility undergrounding redesign given to Fort Myers for installation, retaining wall for 5001 and 5121 Columbia Pike are completed. Retaining wall at Frederick Street underway. Next project meetings are scheduled for 10/3, 10/17, and 10/31.9/5 and 9/19 (every two weeks).			

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Arlington County	**Columbia Pike Multimodal Street Improvements (East End)** – Includes a modified street cross- section along the eastern portion of Arlington's 3.5-mile Columbia Pike corridor. Specific works includes realignment of road including shifting the roadway south of its existing location, eliminating the s-curves, utility undergrounding and enhancing pedestrian facilities	$10,000,000 (FY2015-16)	Engineering, Construction	Segment A (East End) has been split into two sections. First section is Orme to Oak (West) and the second is Oak to Joyce Street (East). Segment A West – Design is 95% complete. Right-of-Way acquisition is underway, but must be completed prior to final plan approval and construction. Pursuing required easements with property owners to allow for a 10' shared use sidepath on the north side for pedestrians/bicyclists. Ductbank system redesign as requested by Dominion Electric has been finalized and accepted by Dominion. Received verbal agreement from VDOT to place Dominion equipment within their property on south side of Columbia Pike. Verizon and Comcast reviewing plans. <u>Segment A East</u> is subject to negotiations with Arlington National Cemetery, Eastern Federal Lands, Army Corps. Completed review of draft Environmental Assessment (EA) with comments sent to U.S. Army Corps of Engineers on 9/21/18. Agreement for Columbia Pike 88' ROW. County staff reviewed 40% DAR plans and provided comments to Kimley Horn.	Western Half – Fall 2021; Eastern Half – projected Spring 2022 (depending on negotiations)	Western Half – Fall 2021; Eastern Half – projected Fall 2021 (depending on negotiations)	**9.5%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
				County Staff also reviewed 35% Arlington National Cemetery plans and provided comments to ANC. No additional meetings scheduled in December at this time. Possible Design Public Hearing in early January 2020. .			

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Arlington County	**Crystal City Multimodal Center** – Provides four additional saw-tooth bus bays for commuter and local bus services, seating, dynamic information signage, lighting, additional bicycle parking, curbside management plan for parking, kiss and ride, and shuttles, and pedestrian safety improvements along 18th Street South between South Bell Street and South Eads Streets.	$1,500,000 (FY2014)	Construction	Arlington completed the majority of the project (the additions of saw-tooth bus bays, seating, lighting, additional bicycle parking, pedestrian safety improvements, and the curbside management plan) in May 2017 Ribbon cutting occurred on May 18, 2017. NVTA project is closed out. Project is completed and open.	Completed. .	April 2018. .	100 %

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Arlington County	**Ballston-MU Metrorail Station West Entrance –** Constructs a second entrance to the Ballston- MU Metrorail Station, at North Fairfax Drive and North Vermont Street. Includes two street-level elevators & escalators, connecting to an underground passageway & new mezzanine. It will have fare gates, fare vending machines and an attended kiosk. Provides direct access, relieves congestion at the current entrance and provides for more even distribution along the platform	$12,000,000 (FY2015-16)	Design	At the end of July 2019, Arlington decided to move forward with the design-build delivery method. On August 8, the County met with WMATA to discuss the decision and determine next steps. On August 26, 2019 the County issued a task order to STV to update the previously-developed 35% design documents and to develop bidding documents, to solicit Design-Build services to complete the design and fully construct the Ballston-MU Metrorail Station west entrance project. STV has begun it's task and through their recent design work they have been able to identify and start the process of addressing conflicts between the previously developed 35% design documents and the latest WMATA design criteria and standards including but not limited to: the design of elevators and how such elevators are configured with the existing train room and on existing platforms, the design and size of the west entrance mezzanine, and designing safety and security provisions for the west entrance. In the upcoming weeks and months, STV will be surveying the project area, performing investigations to document		Fall 2020	**0.3%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
				existing site conditions, and updating the design as applicable. Property owners of the two adjacent buildings where the entrance will be located were brought on board to coordinate the project. . The County's On-call cost estimator developed an updated cost estimates, which range from $123M - $136M. The design support agreement with WMATA is under final review.			

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Arlington County	**Glebe Road Corridor Intelligent Transportation System Improvements** – Design and construction of Intelligent Transportation System (ITS) and Adaptive Traffic Control System, including hardware and software for real time traffic data collection, Forward Looking Infra-Red (FLIR) traffic detection, 3D pedestrian and bike detection, interactive audible ADA accessible pedestrian crossings, CCTVs, backup power supply information systems, queue detections, and dynamic message signs.	$2,000,000 (FY2015-16)	Engineering, Construction	Task 1 – On Site Support - Work completed Task 2 – Chain Bridge ITS upgrades – Final Plans approved by VDOT — preparing bid package. Task 3 – Chain Bridge Fiber communication – Completed. Task 4 – ITS Equipment Installations – Completed. Task 5 – TSP equipment installation – Waiting on contract to procure TSP equipment – meeting with transit and TSP providers re-scheduled to 8/26/2019 to determine if project can accelerate timeline.	Task 1 – completed Task 2 – Fall 2019 Task 3 - Completed Task 4 – Completed Task 5 – Fall 2019 Project Completion: Spring 2020	Task 1 – completed Task 2 – Fall 2019 Task 3 - Completed Task 4 – Completed Task 5 – Fall 2019 Project Completion: Spring 2020	**31.1%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Arlington County	**Lee Highway Corridor ITS Enhancements –** The project proposes to address congestion, safety, and transit issues by installing an Intelligent Transportation System (ITS) and corresponding Adaptive Traffic Control System program, to better manage traffic flow for both automobiles and buses. The project will install additional Bluetooth devices, count stations, CCTV cameras, and Forward Looking Infrared (FLIR) detectors in order to monitor traffic flow and safety of all modes. At the interchange of Lee Highway and I- 66, the project will upgrade two signals, providing a better-timed connection between I-66 and Lee Highway. The project will also upgrade existing mast arm signals and add or improve existing streetlights along Lee Highway.	$3,000,000 (FY2017)	Design, PE, ROW, Construction	Task 1: On-Site ITS Consultant – Work completed Task 2: Signal Upgrades – task order in process for consultant bid set drawings Task 3: Streetlighting – construction to start by 2019 end Task 4: ITS equipment deployment - Field survey completed. Equipment procurement is expected by the end of August.	Design Tasks Task 1 – Spring 2019 Task 2 – Spring 2019 Task 3 – Summer 2020 Task 4 – Summer 2019 Task 5 – Summer 2019 Task 6 – Spring 2019 Project completion Fall 2020	Design Tasks Task 1 – Spring 2019 Task 2 – Spring 2019 Task 3 – Summer 2020 Task 4 – Summer 2019 Task 5 – Summer 2019 Task 6 – Spring 2019 Project completion Fall 2020	**8.5%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Arlington County	**Crystal City Streets:** 12th Street Transitway, Clark/Bell Realignment & Intersection Improvements – The goal is to streamline the existing road network, make movements for all modes of transportation more efficient, create new connections to the street grid network, and to construct an extension of the Crystal City-Potomac Yard (CCPY) Transitway. It includes reconfiguring the street between South Eads Street and South Clark Street to provide exclusive transit lanes, reconfigure and realign a segment of Clark Street with Bell Street, and the intersection improvements around 23rd Street South and US-1 will simplify the design of three closely-spaced intersections that are confusing and inefficient for all modes.	$11,600,000 (FY2017)	Design, PE, ROW, Construction	12th Street design plans are at 60%. The County has decided to combine this phase of the project with the larger CCPY extension project to Pentagon City Metro. County engineers will bring that phase to 30% and then complete overall design concurrently. This phase is currently on hold pending further traffic studies to accommodate the Transitway extension. 23rd street has been split into 2 phases. The segment between US1 and Eads will be completed in Phase 1. Design has been expanded to include improvements on the south side of this segment in Phase. 1. Bids were received on December 11. The new Phase 2 will include the reconfiguration of US1 interchange and adjacent pedestrian facilities as well as the section of 23rd	December 2022	December 2022	**12.6%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
				The contract is scheduled to be approved by the County Board on January 25 with construction to start in early spring 2020. project will be designed in coordination with an adjacent private sector development. Discussions have begun with that developer and utility design has begun and is in progress. The pedestrian tunnel under Route 1 was removed in September. Clark/Bell Realignment has completed 60% design. The remaining design work is temporarily on hold pending an adjacent private development proposal that may alter the design of the street project. .			

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Arlington County	**ART Operations and Maintenance Facilities** – This funding will enable construction for parking additional ART buses, facilities for maintenance and bus operations, as well as enclosed storage for transit infrastructure. When complete, ART will have the support network it needs to increase ridership, including new routes and increased services, and to keep the entire bus fleet maintained and in service	$39,027,000 (FY2018-23 SYP)	Design, Construction, Asset Acquisition	The project is currently undergoing conceptual design. The County has started the process of looking into temporary bus parking locations when construction for this project begins at the Shirlington site. A decision was made to utilize Construction Manager At Risk (CMAR) for project delivery. A draft scope of work for a Request for Proposals (RFP) for A/E work was reviewed by The County's Attorney's Office and is being finalized for advertisement by Arlington's	Summer 2023	Summer 2023	**0%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Arlington County	**Intelligent Transportation Systems Improvements**– This funding will enable implementation of upgraded ITS, adaptive signal optimization, real-time signal optimization, additional Bluetooth devices, count stations, CCTV cameras, FLIR detections; enable future initiatives such as connected vehicles and transit signal priority.	$10,000,000 (FY2018-23 SYP)	Design, ROW, Construction, Asset Acquisition.	Phase I: Washington Blvd. Corridor ITS Enhancements ($4,000,000): Task 1: Planning/Scoping – Task 1.1 - Corridor tour, intersection analysis & selection – Completed - 7 intersections were selected for ITS Enhancements Task 1.2 – Survey Request – Completed - Survey has been completed and received for all intersections were recently received. Task 1.3 – Project website setup – Completed Task 1.4 – RFP preparation for design – Completed – Proposal received and evaluated from the consultant for the design of 3 intersections. NTP has been issued for design. Task 1.4a – RFP preparation for design – Ongoing – For remaining 3 out of 7 intersections. Task 2: Plan Development Task 2.1 – 30% Plan Development – Completed – 4 intersections (1 intersection is being designed in-house) 2.2 – 90% Plan Development – Ongoing – 4 intersections (1 intersection is being designed in-house). Phase II: Crystal City/Pentagon City area ITS Enhancements ($4,000,000) - Project's Planning/Scoping task will begin soon.	Summer 2024	Summer 2024	**0%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
				Phase III: Columbia Pike corridor ITS Enhancements ($2,000,000) – Project's Planning/Scoping task will begin soon.			

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Arlington County	**Crystal City Metrorail Station East Entrance –** This project will design and construct a second entrance to the Crystal City Metrorail Station at the northwest corner of the intersection of Crystal Drive and 18th Street South. The new entrance will be located to the east of the existing entrance, which is located on South Bell Street at 18th Street South, and will provide access to the east side of the train platform.	$5,000,000 (FY2018-23 SYP)	Preliminary Engineering	The County received the final revision of the Conceptual Design and Feasibility Study report on November 06, 2019. The County accepted this revision on November 14, 2019. The report is now complete. . Per the Public-Private Education and Infrastructure Act (PPEA), county is currently evaluating JBG Smith's proposal.	June 2025.	September 2021.	**0%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Arlington County	**Pentagon City Multimodal Connections and Transitway Extension –** The project adds capacity and makes operational improvements to an inefficiently performing area of Pentagon City, where there is high demand for transit, pedestrian, and bicycle trips, but where the layout of existing streets makes those trips slow, difficult, and dangerous, thus pushing users into automobile trips that exacerbate congestion. The project provides dedicated bus lanes for Metroway service, a premium bus service that operates much like bus rapid transit.	$28,850,000 (FY2018-23)	Construction	**Multimodal Connections** – 30% design open house with the public was held on 6/25/2019. Project is nearing the end of the 30% design stage and will advance to 90% design in Fall 2019. Final Value Engineering study will be submitted week of September 30. VDOT is preparing the NEPA study. Construction is anticipated to begin in Fall 2021. **Transitway -** The Crystal Drive segment (Segment I) is currently in the design phase. The civil design was completed in spring 2019. An A/E firm is working on the architectural, structural and electrical engineering design of the stations. The Transitway extension to Pentagon City is a continuation of the CCPY project, therefore, the new stations have a similar look. The A/E firm will deliver a 90% submittal in December 2019. The design for Segment I is estimated to be completed in Spring 2020. Construction of Segment I will be coordinated with the 12th Street South Complete Street project. 12th Street South segment (Segment II) is currently in concept phase. A consultant is in the process of developing a traffic and operations analysis along 12th Street South from	April 2023.	April 2023.	**0%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
				Long Bridge Drive/S. Clark Street to S. Hayes Street. This analysis is expected to be completed by spring/summer 2020. With the completion of that, the design of Segment II will be updated to 30%.			

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Fairfax County	**Fairfax Connector Expansion -** New and improved service within the I-66 Corridor and locations in southern Fairfax County, including service between the Vienna Metrorail Station and Centerville, and in the Huntington and Springfield areas.	$6,000,000 (FY2015-16)	Acquisition	Completed			
Fairfax County	**US1 Richmond Highway Widening -** 2.9 miles section between Mt. Vernon Memorial Highway (south) and Napper Road will be widened to six lanes.	$1,000,000 (FY2015-16)	Design, Engineering, Environmental	NVTA Funds fully utilized, project continuing.			
Fairfax County UPC 106742	**Frontier Drive Extension -** Extend Frontier Drive from Franconia-Springfield Parkway to Loisdale Road, including access to Franconia-Springfield Metrorail Station and interchange improvements (braided ramps) to and from the Parkway. Provide on-street parking along Frontier Drive where feasible, as well as add pedestrian and bicycle facilities.	$2,000,000 (FY2015-16)	Design, PE	VDOT is administering this project. Design and Preliminary Engineering related efforts are underway. At a recent Value Engineering presentation. Fairfax County indicated conditional agreement on the VE recommendations, which will result in significant redesign if adopted. Public Hearing has been postponed indefinitely. Consultants have submitted a supplement to incorporate the VE recommendations and also additional WMATA tasks as a result of a recent coordination meeting with them. Supplement still under review. Supplement approved and NTP issued to consultants. Working on extra design work currently.	2022-2023	Fall 2018 (Full payment made to VDOT)	100%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Fairfax County	**Innovation Metrorail Station** – Construction of the Silver Line Phase II extension of the rail system from Washington DC, to and beyond the Dulles International Airport. This multimodal facility will include bus bays, bicycle parking, kiss-and- ride and taxi waiting areas, as well as pedestrian bridges and station entrances from both the north and south sides of the Dulles Airport Access Highway/Dulles Toll Road.	$41,000,000 (FY2014)	Design, Construction	Pedestrian bridge is complete. Station elevator and escalator testing is ongoing as well as station clean-up and preliminary inspection. The County has awarded the contract for construction of the kiss and ride, bike facilities and taxi waiting areas. The contractor has started grading and concrete placement work in these areas. The bus bays have been completed on the south side.	Jan 2020	Jan 2020	**100%**
Fairfax County	**Innovation Metrorail Station (Continuation) -** Construction of the Silver Line Phase II extension of the rail system from Washington DC, to and beyond the Dulles International Airport. This multimodal facility will include bus bays, bicycle parking, kiss-and- ride and taxi waiting areas, as well as pedestrian bridges and station entrances from both the north and south sides of the Dulles Airport Access Highway/Dulles Toll Road.	$28,000,000 (FY2015-16)	Construction	Continuation of the above project.	Jan 2020	Jan 2020	**99.4 %**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Fairfax County UPC 108720	**VA Route 28 Widening – Prince William County Line to Route 29** - Widen from 4 to 6 lanes including intersection improvements and pedestrian/bicycle facilities.	$5,000,000 (FY2015-16)	PE and Environment-al Study	Design public hearing held on September 23, 2019. Three firms were shortlisted from the RFQ. RFP was issued on September 23, 2019. **Design:** Consultant submitted 30% plans. These plans and the draft Design Build RFQ and RFP were submitted to VDOT 12/21/18. **Environmental:** Draft categorical exclusion was submitted to VDOT for approval 2/25/19. On July 19, 2019, FHWA found the Categorical Exclusion documentation acceptable and sufficient to support the original Categorical Exclusion determination. Public notice of CE availability was published on September 5, 2019 with request for comments within 15 days. **Traffic:** VDOT accepted the Draft 2040 traffic model. **Geotech:** VDOT has approved Revised Geotechnical Data Report.	2023	PE and Environment al Study – late Spring 2020.	**68.0%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Fairfax County UPC 108720	**VA Route 28 Widening** – **Prince William County Line to Route 29 (continuation)** - Widen from 4 to 6 lanes including intersection improvements and pedestrian/bicycle facilities.	$5,000,000 (FY2017)	PE, ROW	Continuation of the 2015-16 project.	2023	PE and Environment al Study – late Spring 2020. Row - 2022	**0%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Fairfax County UPC 107937	**Fairfax County Parkway Improvements** – A Study of short and long-term corridor improvements, Environmental Assessment (EA)/ Finding of No Significant Impact (FONSI), and/or Preliminary Engineering for five segments of the Parkway.	$10,000,000 (FY2015-16)	Design, Environmental, PE	VDOT awarded the contract on 5/1/2017 and started working on traffic analysis and alternatives development. The overall project is about 20% complete, including obtaining survey information, developing multiple design concepts (Popes Head/Shirley Gate interchange, Burke Center Parkway intersection improvement, and Parkway widening), initiating Traffic data collection, Noise analysis, Environment assessment, IJR framework, TDM, public outreach programs etc. NEPA documents in progress. Addressing public comments and working on IJR and environmental analysis. Alternatives for Popes Head Road interchange are being evaluated. A Public information Meeting will be held Wednesday, Nov. 6th to provide an update on the interchange concept at Popes Head road, the project delivery plan, schedule, and estimates.	2025	Spring 2020	**40.0%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Fairfax County UPC 107937	**Route 286 Fairfax County Parkway Widening: Route 123 to Route 29** – Widen Route 286 from four lanes (undivided) to six lanes (divided). It also includes bike-ped amenities such as paved trail. Intersection improvement and access management will be considered in design.	$10,000,000 (FY2017)	ROW	Same as noted above. awarded the contract	2023	Spring 2021	**0%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Fairfax County UPC 109814 & 5559	**Rolling Road Widening –** Widen Rolling Road from 2 to 4 lanes from Old Keene Mill Road (VA 644) to Franconia Springfield Pkwy (VA 289) and Fairfax County Parkway (VA 286). Project will add pedestrian and bicycle facilities.	$5,000,000 (FY2015-16)	Design, PE, ROW	Phase 1 (interim improvements at Old Keene Mill Road and Rolling Road intersection) is currently in ROW phase. NTP for ROW acquisition was issued on 7/29/2019. Land acquisition in progress. Construction to start in summer 2020, end in summer 2021. Phase 2 (roadway design) design is in progress. A public hearing was held on Feb 27, 2018. Fairfax County Board endorsed public hearing plans on 7/31/18. Phase 1 construction to begin in fall 2020 and end in fall 2021. Phase 2 construction from Fall 2022 to Fall 2025. ROW plans are being developed. Construction to start in winter 2024 and end in winter 2026.	Phase 1: 2021 Phase 2: 2026	Nov 2020	**62.5%**
Fairfax County	**West Ox Bus Garage -** Expands capacity of the West Ox bus facility and allows for additional, increased Fairfax Connector bus service. Includes 9 maintenance bays and expansion of facilities for bus drivers and security.	$20,000,000 (FY2015-16)	Construction	Project complete. Close out pending.	January 2018.	January 2018.	**54.5%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Fairfax County UPC 106917 (Parent UPC 52328; Asso UPC 99478)	**Route 7 Widening: Colvin Forest Drive to Jarrett Valley Drive –** Widen Route 7 from four to six lanes, improve intersections, and add 10-ft shared use path on both sides with connections to local trails.	$10,000,000 (FY2017)	ROW	Official RFP was released on 11/21/17. Bids were opened on 3/29/18. CTB Award and NTP to the Design-Build contractor occurred in July 2018. Pardon Our Dust meeting held on May 7th and May 14th. Construction has commenced. Final project completion is expected in Summer 2024. Early ROW plans completed in Dec 2018. 90% plan submission, and construction began in in May 2019. 100% plan submission in August 2019. Comments are being reviewed by VDOT. Noise analysis being finalized. Completed early improvements at Baron Cameron Avenue and opened third left-turn lane from Route 7 to Baron Cameron Avenue in August 2019. meeting in mid-Fall 2019. All environmental permits (DEQ, USACE, VMRC) have been issued. Plans approved for construction on 10/2/19.	2024	June 2020	**0%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Fairfax County	**Richmond Highway BRT: Phases 1 and 2** – This includes median running BRT from Huntington Metro Area to Fort Belvoir. The project will include new transit stations, facilities for bicycle, pedestrian, and vehicle travel modes.	$250,000,000 (FY2018-23 SYP)	Design, ROW, Construction	20% Design completed. Public information meeting to showcase design was held on 9/17/2019. Work continuing on Environmental document with completion at 60-70%. Public engagement ongoing, project team taking requests for various community meetings. Continuous progress on design and working on identifying property impacts.	2029	2029	**0%**
Loudoun County	**Transit Buses -** Two 40-foot transit buses to introduce Silver Line connecting transit service from a new Park-n-Ride facility known as East Gate Park-n-Ride along Tall Cedars Parkway.	$880,000 (FY2014)	Acquisition	Completed			
Loudoun County	**Loudoun County Transit Buses -** Four new buses in peak commuter periods to connect new park and ride lots in Dulles South, Dulles Town Center, and Ashburn to the Silver Line.	$1,860,000 (FY2015-16)	Acquisition	Completed			

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Loudoun County	**Belmont Ridge Road (North)** – Widening of Belmont Ridge between Gloucester Parkway and Hay Road Segment, including a grade separation structure to carry the W&OD trail over Belmont Ridge Road.	$20,000,000 (FY2014)	ROW, Construction	Completed			
Loudoun County	**Leesburg Park and Ride** – Funding of land acquisition for a second Leesburg Park and Ride facility to accommodate a minimum of 300 spaces.	$1,000,000 (FY2014)	ROW, Construction	Due to inclement weather and the Holiday schedule for the asphalt company, approximately 2/3's of the surface asphalt still remains to be completed along with the final stripping, signage, and installation of the bus shelter and bike lockers. This final work is expected to be completed by Mid-January, weather dependent. .	January 2020	January 2020	**53.2%**
Loudoun County	**Belmont Ridge Road - Truro Parish Road to Croson Ln –** The road will be widened from a substandard two-lane rural section to a four-lane arterial standard with the appropriate auxiliary turn lanes and signalization.	$19,500,000 (FY2015-16)	Construction	Design is complete. Right of way acquisition continues. Start of construction Sep/Oct 2020.	Summer 2023	Summer 2023	**10.5%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Loudoun County UPC 97529, 105064, 105575	**Loudoun County Parkway (VA Route 607) – U.S. 50 to Creighton Rd** – Provides for the design, right-of-way acquisition and construction of Loudoun County Parkway from Creighton Road to U.S. Route 50. The project will be designed as a four- lane urban major collector with a divided median in a six-lane ultimate right-of-way, associated turn lanes and shared use path.	$31,000,000 (FY2015-16)	Design, ROW, Construction	Consultant to send out Property Access Letters in upcoming week for additional fieldwork required. First round of Property Access Letters was sent out on 10/28/19. 2nd letters of Intent to enter were sent out by 11/22/19. Traffic Growth Memo sent to VDOT for review on 11/19/19. .	Mid 2021	Mid 2021	**37.4%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Loudoun County/ Town of Hillsboro	**Route 9 Traffic Calming: Town of Hillsboro –** The project includes roundabouts at RT 9/RT 719 and RT 9/ RT690S intersections, sidewalks on both sides of RT 9, streetscaping, pedestrian lighting, raised and at-grade crosswalks, on-street parking, a closed storm sewer system, shared-use path connecting to existing and planned area trails, overhead utility burial, duct banks for future data utilities, and new drinking water main, sanitary sewer main and laterals.	$12,112,000 (FY2018-23 SYP)	Design, ROW, Construction	Contract awarded November 25th and construction mobilization in January 2020. .	Mid 2020	Mid 2020	**12.1%**
Loudoun County	**Dulles West Blvd Widening: Loudoun County Pkwy to Northstar Blvd** – This includes the construction of a four-lane median divided roadway for approximately 2 miles within a 120-foot right of way and six signalized intersections.	$47,800,000 (FY2018-23 SYP)	Design, ROW, Construction	An RFP has been issued and proposals are due back January 22, 2020.	2026	2026	**0%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Loudoun County	**Evergreen Mills Rd Intersection Alignments – Watson Rd and Reservoir Rd** – This includes the realignment of Watson Road and Reservoir Road to align with the intersection of Evergreen Mills Rd and form a four-legged intersection; construct right and left turn lanes from Evergreen Mills Rd onto Watson Rd and Reservoir Rd.	$14,000,000 (FY2018-23 SYP)	Design, ROW, Construction	Comments for the 30% Plan submission have been received from VDOT. Loudoun County Building and Development Department consultant to go over comments. DTCI to brief Board Members in upcoming months.	2024	2024	**0%**
Loudoun County	**Northstar Blvd (All Phases) (Tall Cedars to Rte 50 + Rte 50 to Shrevport Dr) –** Includes: - Phase II- Extension of Northstar Boulevard between Route 50 and Tall Cedars Parkway; and Phase I - -Extension of Northstar Boulevard between Route 50 and Shreveport Drive	$64,805,000 (FY2018-23 SYP)	ROW, Construction	**Phase II** – In ROW acquisition phase. When complete the project will be advertised as a design –bid-build procurement **Phase I**-. RFQ was published on 11/22/19.	Phase II – 2024 Phase I – 2024	Phase II – 2024 Phase I – 2024	**0%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Loudoun County	**Prentice (Lockridge Road (Route 789) to Shellhorn Road (Route 643)) -** Design of Prentice Drive from Shellhorn Road to Lockridge Drive and Lockridge Drive West from Prentice Drive to Waxpool Road. Project divided into two phases; Phase 1 is West of Loudoun County Parkway and Phase 2 is east of Loudoun County Parkway.	$76,230,000 (FY2018-23 SYP)	ROW, Construction	Phase I – Revising 60% plans due to public input. Phase II – 15% concept plans being revised due to input from property owners.	Phase I – 2023 Phase II - 2024	Phase I – 2023 Phase II - 2024	**0%**
Loudoun County	**Shellhorn (Extend Shellhorn Road: Loudoun County Pkwy to Randolph Dr) -** Design and construction of a four-lane roadway between Loudoun County Parkway and Moran Road.	$16,000,000 (FY2018-23 SYP)	ROW	At the September 3, 2019 Business Meeting, the Board approved the acquisition of 29.4 acres to provide right of way and easements for Shellhorn Road, Barrister Street, Prentice Drive, and Lockridge Road. At the October 2, 2019 Business Meeting the Board approved a plan for the developer of Silver District West to design Shellhorn Road between Loudoun County Parkway and Barrister Street, in furtherance of their	2025	2025	**0%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Prince William County	**Route 1 Widening from Featherstone Road to Mary's Way** – Widen Route 1 from a 4-lane undivided highway to a 6-lane divided highway. The total distance for the project will be 1.3 miles and will include the construction of a 10-foot-wide multi-use trail on the west side and a five-foot-wide sidewalk on the east side, along the entire route.	$3,000,000 (FY2014)	Design	Duct bank design completed and approved by VDOT Finalizing roadway project design. The SPA Close-out Certification was submitted to NVTA on 12/23/2019.	April 2021	October 2018	**91.7%**
Prince William County	**Route 1 Widening from Featherstone Road to Mary's Way (continuation)** - Widening of Route 1 from a 4-lane undivided highway to a 6-lane divided highway. The total distance for the project will be 1.3 miles and will include the construction of a 10-foot-wide multi-use trail on the west side and a five-foot-wide sidewalk on the east side, along the entire route.	$49,400,000 (FY2015-16)	Design, ROW Acquisition, Construction	All ROW has been acquired via Certificate of Taking (COT) or agreements. However, some negotiations are underway or court dates are TBD. Construction of the Duct Bank is complete. Road plans were submitted to VDOT for final approval. Duct Bank punch list items are being completed by County contractor. Roadway construction advertisement is anticipated for February/March 2020, when VDOT construction authorization is received.	April 2021	April 2021	**66.3 %**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Prince William County	**Route 1 Widening from Featherstone Road to Mary's Way (continuation)** - Widening of Route 1 from a 4-lane undivided highway to a 6-lane divided highway. The total distance for the project will be 1.3 miles and will include the construction of a 10-foot-wide multi-use trail on the west side and a five-foot-wide sidewalk on the east side, along the entire route.	$11,000,000 (FY2017)	Construction	Continuation of the FY2014 and FY2015-16 projects above.	April 2021	April 2021	**0%**
Prince William County	**Route 28 Widening from Linton Hall Road to Fitzwater Drive** -- Widen from a 2-lane undivided roadway to a 4-lane divided highway. Project includes the construction of a multi-use trail on the south side and a sidewalk on the north side.	$28,000,000 (FY2014)	Engineering, ROW Acquisition, Construction	Project is nearing 95% completion and on schedule for 100% completion In October 2019, ahead of schedule. Ribbon Cutting was on October 9th. Punchlist items are being completed. The SPA Close-out Certification was submitted to NVTA on 12/23/2019.	November 2019	November 2019	**96.0%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Prince William County	**Route 28 Widening from Route 234 Bypass to Linton Hall Road** - Widen approximately 1.5 miles of Route 28 from a 4-lane undivided highway to a 6-lane divided highway, which will include a multi-use trail and sidewalk.	$16,700,000 (FY2015-16)	Design, ROW Acquisition, Construction	Project was bid as an unsolicited PPTA (Public-Private Transportation Act) proposal. The construction contract was awarded on March 6, 2018 to Shirley Contracting, LLC. The QA/QC plan was approved in April 2018. Right-of-way activities, miscellaneous widening for traffic shifts, and bridge work have begun. Coordination with the City of Manassas is ongoing for the signal work at Pennsylvania Avenue. Shared Use Path to VRE Broad Run Station on Residency Road is continuing to final design phase. Storm Sewer, waterline, and median construction are underway.	Spring 2022	Design March 2018 thru summer 2019. Construction Spring 2022 .	**30.8%**
Prince William County	**Route 28 Widening from Route 234 Bypass to Linton Hall Road (continuation)** - Widen approximately 1.5 miles of Route 28 from a 4-lane undivided highway to a 6-lane divided highway, which will include a multi-use trail and sidewalk.	$10,000,000 (FY2017)	Construction	Continuation of the FY2015-16 projects above.	Spring 2022	Design March 2018 thru summer 2019.	**0%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Prince William County	**Route 28 Corridor Improvements from Fitzwater Dr to Pennsylvania Ave (continuation)** – Widen Route 28 from a 4-lane undivided highway to a 6-lane divided highway, which will include a multi-use trail and sidewalk.	$15,000,000 (FY2018-23 SYP)	Construction	Continuation of the above.	Summer 2021	Summer 2021	**0%**
City of Manassas/ Prince William County	**Route 28 (Manassas Bypass) Study – Godwin Drive Extended** **-** This study will evaluate the scope, cost, environmental, traffic forecasts, alternative alignments and feasibility factors required to gain approval for Route 28 corridor congestion improvements between the City of Manassas and Fairfax County.	$2,500,000 (FY2015-16)	Engineering Study	NEPA process began in Spring 2018, with an approximate 21 to 36-month timeline. A new task order with Parsons Transportation Group was finalized in April 2018. Additional funds have been approved as part of the NVTA SYP. A Public Information meeting was held on October 9th at Yorkshire E.S. County will continue to coordinate with US Army Corps of Engineers to facilitate a Least Environmentally Damaging Practicable Alternative (LEDPA) determination. Final decision on Environmental Assessment by FHWA anticipated in spring 2020. RFP for design to be prepared for spring 2020.	Location study (phase 1 of the overall study) completed in November 2017. NEPA (phase 2) to be completed by spring 2021.	Location study (phase 1 of the overall study) completed in November 2017. NEPA (phase 2) to be completed by spring 2021.	**47.8%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Prince William County **(NEW)**	**Route 28 Corridor Feasibility Study –** This study will evaluate the scope, cost, environmental, traffic forecasts, alternative alignments and feasibility factors required to gain approval for Route 28 corridor congestion improvements between the City of Manassas and Fairfax County.	$3,500,000 (FY2018-23 SYP)	Engineering study	Continuation of the above.		FY 2021	**0%**
Prince William County	**Construct Interchange at Route 234 and Brentsville Rd** – This includes grade separation at Brentsville; converting intersection of Prince William Pkwy and Bradley Cemetery Way to T-intersection; realigning Brentsville Rd to provide through access to Dumfries Rd	$54,900,000 (FY2018-23 SYP)	Design, ROW, Construction	An unsolicited PPTA proposal was received from a design-build team. The proposal was evaluated and accepted by the County. The project was advertised on November 29, 2018 for competing bids. Two additional bids were received. A panel was assembled to review the bids. Detailed proposals from interested offerors are due to the County in January 2020. Proposal process is ongoing until March 2020.	2025	2025	**0%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Prince William County	**Construct Interchange at Prince William Pkwy and University Blvd** – The intersection will be redesigned as quadrant roadway (QR), which will restrict left turns at the main intersection and moves them to secondary intersection further down and connector roads. It will also include two signalized intersections.	$24,200,000 (FY2018-23 SYP)	Design, ROW, Construction	A task order with Parsons has been executed and design work has been initiated. Consultant is currently performing survey activities. A Public Information Meeting was held on May 20, 2019. 30% Plans were submitted to VDOT for review and comment. Comments from public hearing were posted on the PWC Transportation website. Design activities are ongoing. Board design endorsement hearing is scheduled for January 2020.	2022	2022	**1.7%**
Prince William County	**Summit School Extension and Telegraph Road Widening** – This includes extending Summit school Rd to Telegraph Rd as a 4-lane divided roadway; widening Telegraph Rd from new Summit School Rd intersection and Horner Rd commuter lot as well as from Caton Hill Rd to Prince William Pkwy; constructing sidewalk and multiuse path.	$11,000,000 (FY2018-23 SYP)	Design, ROW.	Contract for design services was awarded to Kimley-Horn & Associates on December 3, 2019.	2022	2022	**0%**
City of Alexandria	**DASH Bus Expansion** – Five new hybrid buses to provide additional service and increased headways to regional activity centers, including BRAC-133 at Mark Center and VRE Station at King Street.	$1,462,500 (FY2014)	Acquisition	Completed			

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
City of Alexandria	**Shelters and Real Time Transit Information for DASH/WMATA** – Constructs bus shelters and provides associated amenities such as real time information at high ridership stops.	$450,000 (FY2014)	Acquisition, Construction	Completed			
City of Alexandria	**Potomac Yard Metrorail Station EIS** – This project supports ongoing design and environmental activities associated with the development of a new Blue/Yellow Line Metrorail station at Potomac Yard, located between the existing Ronald Reagan Washington National Airport Station and Braddock Road Station.	$2,000,000 (FY2014)	Design Environmental	Funds fully utilized. Project continuing.			
City of Alexandria	**Potomac Yard Metrorail Station (continuation) -** Planning, design, and construction of a new Metrorail station and ancillary facilities at Potomac Yard along the existing Metrorail Blue and Yellow lines between the Ronald Reagan Washington National Airport Station and the Braddock Road Station.	$1,500,000 (FY2015-16)	Planning, PE, Design	Funds fully utilized. Project continuing.			

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
City of Alexandria	**Potomac Yard Metrorail Station (continuation) -** Planning, design, and construction of a new Metrorail station and ancillary facilities at Potomac Yard along the existing Metrorail Blue and Yellow lines between the Ronald Reagan Washington National Airport Station and the Braddock Road Station.	$66,000,000 (FY2017)	Design, PE, Construction (Design-Build)	WMATA awarded the contract on September 10, 2018 to the Potomac Yard Constructors JV for design and construction of the project. Notice to Proceed was issued 9/24/2018. The City has conducted several public meetings to present the design of the station access to the public. The City in conjunction with the contractor and WMATA continues to advance the project design. Additional public meetings will be held. The state announced $50 million in funds on November 13, 2018 for the south entrance in association with the Amazon HQ2 project. . The City is working with WMATA and the state to explore the feasibility and cost of including the south entrance into the current project. We are also determining whether the scale of the entrance will be the same as contemplated in the original station design. The chief goal is to ensure the current project remains on schedule for a 2022 opening. There is approximately 8 months of design and construction that can proceed before a decision on how to implement the south entrance would become a	Project completion is currently scheduled for March 2022.	Project completion is currently scheduled for March 2022.	**12.1%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
				critical path item. The City, WMATA, and the Contractor continue to work to move the project forward to maintain the current project schedule while developing a feasible design to enhance the south entrance. Community outreach will continue. The City, WMATA, and Contractor will work to develop a cost estimate for the recommended south entrance enhancement. The contractor has initiated the construction of the A/C Switchgear Building component of the project. The State Water Control Board voted unanimously to approve the Virginia Water Protection Permit for the project. DEQ issued a Virginia Water Protection (VWP) individual permit to the City on September 6th. Staff anticipates the Army Corps to issue its permit in the coming weeks.			

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
City of Alexandria	**Traffic Signal Upgrades/Transit Signal Priority –** Includes design of transit priority systems on Route 1 and Duke Street, and purchase of equipment and software to install transit signal priority and upgrade traffic signals on Route 1.	$660,000 (FY2014)	Design, Asset Acquisition	100% of the equipment has been installed. The specialized modems and SIM Cards have been provided by WMATA; Equipment programming, configuration and testing was completed at the end of February 2019. All the contractor payments have been processed and successfully paid, and the City is awaiting final payment from NVTA.	Completed in December 2018.	Completed in December 2018.	**57.9%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
City of Alexandria	**Duke Street Transit Signal Priority -** Includes design, install and implementation of a transit vehicle signal priority system (on board system on DASH and field equipment along the route) on Duke Street.	$190,000 (FY2015-16)	Construction	100 percent of the equipment has been installed; Equipment programming and testing was completed at the end of February 2019. All the contractor payments have been processed and successfully paid, and the City is awaiting final payment from NVTA. .	Completed in December 2018.	Completed in December 2018.	100.0%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
City of Alexandria	**West End Transitway (WET) -** Will provide frequent, reliable transit service connecting major activities. The WET will connect to two metro stations (Van Dorn, Pentagon), major employment centers (Pentagon, Mark Center), and major transit nodes (Landmark Mall, Southern Towers, and Shirlington Transit Center).	$2,400,000 (FY2015-16)	Design, Construction	The project has been revised to align with available funding in order for the City to achieve a beneficial facility sooner. The first phase will be the entire length of the project and will include three Queue Jump Lanes and Transit Signal Priority al all intersections. The procurement for design services began in the 1st Quarter of FY 2020.	2024	2021	**36.6%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
City of Alexandria	**Alexandria Bus Network ITS -** Will implement MobileCAD application for DASH that will allow field supervisors and the public real-time bus arrival information on electronic devices and SMS text messages. It will also provide five real-time information signages in addition to the 20 signages provided by WMATA on major transit corridors in the City.	$150,000 (FY2018-23 SYP)	Asset acquisition	Authority approved the Standard Project Agreement on February 14, 2019. Five real-time information displays have been purchased and installed. Work on the real-time arrival system with GTFS-rt is complete, however, the SMS text messages is still in progress and should be complete by the end of December. The Design of the SMS system has been finalized, therefore new bus stop sign design can begin. Signs are planned for order in November and installation in early 2020. Mobile CAD will be deployed by December 2019. The delay is due to additional work that must be done by vendor to accommodate new IT security policies on how City servers may be accessed by external parties. Work is underway on the real-time arrival system. DASH is now integrated into WMATA's BusETA and has soft-launched its real-time GTFS system. The new DASH-branded BusETA/OneBusAway portal is in development and will be completed by December.	September 2019	September 2019	**0%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
City of Alexandria	**Alexandria ITS Projects -** The City of Alexandria's ITS projects will install a transit vehicle signal priority system on King Street between Dawes Avenue and Quaker Lane: and enhance the transit vehicle signal priority system on Duke Street between Walker Street and Telegraph Road.	$1,195,491 (FY2018-23 SYP)	Engineering, Construction	NVTA project agreement was executed in June, 2019. City Staff submitted the Invitation to Bid (ITB) and the Technical Specifications to the City's Procurement Department to begin the process to award a contract. We anticipate the contract to be awarded early winter FY2020.	FY 2021	FY 2021	**0%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
City of Alexandria	**DASH Transit Service Enhancements and Expansion -** The DASH Transit Service Enhancements and Expansion project will install infrastructure for electric buses in its planned facility expansion in an effort to accelerate the planned transition of the DASH fleet from hybrid and clean diesel buses to fully-electric vehicles and purchase eight fully electric buses.	$11,933,161 (FY2018-23 SYP)	Construction, Capital Asset	NVTA project agreement was executed in June, 2019. DASH has placed orders for six electric buses and supporting infrastructure. Buses will be delivered in late summer 2020 and infrastructure installation is anticipated to be completed prior to delivery. The six electric buses are funded by VW Mitigation Trust, however, NVTA funding will be used towards the infrastructure and utility upgrades for the DASH Facility. DASH is also wrapping up a Feasibility Review Study that will lead to the development of a Zero Emission Fleet Implementation Plan, which is also included in NVTA project scope. Quotations for the Implementation Plan will be solicited in November and December 2019.	June 2023	June 2023	**0%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
City of Alexandria	**Alexandria Duke Street Transitway -** The Alexandria Duke Street Transitway will provide dedicated, curbside transit lanes on Duke Street for Bus Rapid Transit, between Diagonal Road (King Street Metro) and Walker Street (Landmark Mall). The conceptual design for the ultimate configuration, developed as part of the Transitway Corridors Feasibility Study (adopted by City Council in 2012), recommended that the existing curb lanes long most portions of Duke Street will be converted to a transit and business access lane.	$12,000,000 (FY2018-23 SYP)	Preliminary engineering	NVTA project agreement was executed in June, 2019. Staff has begun developing a preliminary scope of work for the Alternatives Analysis and necessary environmental documents. Final SOW will be completed when a BRT project manager is hired, anticipated in late 2019		June 2023	**0%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
City of Fairfax	**35' CUE Bus Acquisition –** Replaces six of the City's CUE transit buses with larger buses that can hold additional passengers. The new buses will be 35 feet long and will provide additional capacity, holding 31 seated passengers and 51 standing.	$3,000,000 (FY2015-16)	Acquisition	Completed			

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
City of Fairfax	**Jermantown Road/Route 50 Roadway Improvements –** Addition of a third westbound lane along Route 50 (Fairfax Boulevard) (NHS) from Bevan Drive to Jermantown Road; widening of northbound Jermantown Road to allow for two through lanes adjacent to the left turn lane into the shopping center; geometric improvements to southbound Jermantown Road to provide a dual right turn lane, through lane, and left turn lane; and replacement of span-wire signals with mast arm signals.	$1,000,000 (FY2015-16)	Construction	Completed			

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
City of Fairfax	**Chain Bridge Road Widening/Improvements from Route 29/50 to Eaton Place –** Widen Route 123 (Chain Bridge Road) to six lanes, improves the lane alignments of the roadway approaches for the intersection of Route 29/50 (Fairfax Boulevard) at Route 123 and improves pedestrian accommodations at all legs of the intersection. Includes extensive culvert improvements to eliminate roadway flooding caused by the inadequate culvert under Route 123.	$5,000,000 (FY2014)	ROW, Construction	Completed			

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
City of Fairfax	**Chain Bridge Road Widening/Improvements from Route 29/50 to Eaton Place "Northfax" –** Widens Route 123 (Chain Bridge Road) to 6 lanes, improves the lane alignments of the roadway approaches for the intersection of Route 29/50 (Fairfax Boulevard) at Route 123 and improves pedestrian accommodations at all legs of the intersection. Includes extensive culvert improvements to eliminate roadway flooding caused by the inadequate culvert under Route 123.	$10,000,000 (FY2015-16)	Construction	Completed. Last reimbursement request has been submitted to NVTA. A Ribbon cutting ceremony was held on May 20.	May 2019	May 2019	100%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
City of Fairfax	**Kamp Washington Intersection Improvements –** Eliminates the existing substandard lane shift between Route 50 and Route 236 through the intersection; signalization phasing improvements; construction of an additional southbound lane on U.S 29 from the Kamp Washington (50/29/236) intersection to the existing third southbound lane; extension of the westbound through lanes on VA 236 (Main Street) from Chestnut Street to Hallman Street; lengthening of turn lanes to provide additional storage for turning vehicles from Route 50 to Route 50/29 and Route 236 to Route 29; new crosswalks, curb ramps, sidewalks and pedestrian signalization; and replacement of span-wire signals with mast arm signals.	$1,000,000 (FY2015-16)	Construction	Completed			

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
City of Fairfax	**Jermantown Road Corridor Improvements –** Includes the provision of spot widening, new turn lanes, new signals, and pedestrian crossings.	$21,000,000 (FY2018-23 SYP)	Preliminary engineering, ROW, Construction	NVTA project agreement executed in January 2019. Preliminary Engineering will start by spring 2020.	FY2022	FY2022	**0%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
City of Fairfax	**Roadway Network Northfax West –** Includes the construction of 700 ft long new roadway between Fairfax Blvd/Farr Avenue and Orchard Street to create a grid network within the NW quadrant of Fairfax Blvd/Chain Bridge Road ("Northfax"), sidewalks, and bike lanes.	$2,500,000 (FY2018-23)	Preliminary engineering, ROW, Construction	NVTA project agreement executed in January 2019. City is initiating the PE phase now.	FY2022	FY2022	**0%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
City of Falls Church	**Bus Stops Changes –** Includes the provision of shelters and pedestrian way-finding information. Also includes consolidation of existing stops, design, ROW acquisition and construction for bus stop changes along Route 7, and provision of bus shelters.	$200,000 (FY2014)	Engineering, Construction, Inspection Services	Completed			

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
City of Falls Church	**Pedestrian Access to Transit –** Includes the provision of enhanced pedestrian connections to the Intermodal Plaza being designed for the intersection of South Washington Street and Hillwood Avenue. The Intermodal Plaza will serve as a focal point for bus transportation in the area when completed.	$700,000 (FY2014)	Engineering, Environmental, Construction	Completed			

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
City of Falls Church	**Pedestrian Bridge Providing Safe Access to the East Falls Church Metro Station –** Includes the expansion of an existing bridge on Van Buren Street to include a segregated pedestrian area. The existing bridge lacks such a facility and requires pedestrians to detour onto the pavement in order to access the Metro Station.	$300,000 (FY2014)	Design, Construction	Completed			

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
City of Falls Church / NOVA Parks	**Enhanced Regional Bike Routes (W&OD Trail) –** Replaces 1.2 miles of 10-foot wide trail with 11-foot wide bike trail and 8-foot wide pedestrian trail separated by a median, upgrades curb ramps to ADA standards, and widens Four Mile Run bridge.	$3,244,959 (FY2018-23 SYP)	Engineering, Construction	Engineering contract awarded to AMT Sept. 2018. Kick-off meeting with AMT, City and NOVA Parks staff on Nov. 2018. Engineering in progress. 30% plans completed. Attended City of Falls Church Planning Commission work session July 1, 2019. 60% plans submitted to City of Falls Church November 1, 2019.	August 2020	August 2020	**2.3%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
City of Falls Church	**WFC and Joint Campus Revitalization District Multimodal Transportation Project -** The scope of this project includes intersection and signal improvements, pedestrian access improvements, bicycle access improvements, bus stop enhancement, and utility relocation/undergrounding. Signals will be installed or updated at or near the Chestnut Street & W Broad Street/Route 7 intersection, Haycock Road & W Broad Street/Route 7 intersection, and Haycock Road and Schools Access Road intersection.	$15,700,000 (FY2018-23)	Preliminary engineering, ROW, Construction	NVTA project agreement was executed in June, 2019. A contract was executed in July, 2019 with the General Contractor for the undergrounding portion of the project and work on the new conduit system for the undergrounding portion of the project began in July, 2019 and is ongoing, with approximately 50% of the new conduit complete at this time. Contracts have also been executed for design of the new public streetscapes and traffic signal designs as well as contracts for the MOT plans for work in public ROW.	February 2023	February 2023	**0%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
City of Manassas	**Route 28 Widening South to City Limits** – Includes widening Route 28 from 4 lanes to 6 lanes from Godwin Drive in Manassas City to the southern city/Prince William County limits. This project also adds a dual left turn lane on north bound Route 28 to serve Godwin Drive. The project eliminates a merge/weave problem that occurs as travelers exit the 234 bypass and attempt to cross 2 lanes to access Godwin Drive. Signalization improvements are included.	$3,294,000 (FY2015-16)	Engineering, ROW Acquisition, Construction	PE phase is ongoing. PE plans at 95%. Obtained CTB approval for "Limited Access Control Change." Currently finalizing ROW with only one outstanding property, which should be completed by the end of 2019. Utility relocation is underway. Project advertising expected in January 2020.	Winter 2021	Winter 2021	**7.4%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Town of Dumfries UPC 90339	**Widen Route 1 (Fraley Boulevard) Brady's Hill Road to Route 234 (Dumfries Road) -** This project will complete the Northern segment of a Prince William County funded project (VDOT's Route 1 / Route 619) and will allow local traffic to travel to and from Quantico / Stafford to the Route 234 interchange and communities along the Route 1 corridor. This project will bring northbound and southbound Route 1 onto the same alignment by widening Route 1 NB from 2 lanes to 6 lanes, with a wide curb lane for on-road bicycle use and a sidewalk and multi-use trail for pedestrians and other modes. It includes replacing the bridge over Quantico Creek.	$6,900,000 (FY2015-16)	Engineering	Design was approved on 7.25.2019. Environmental Reevaluation was advertised for the public Review and was signed by FHWA on October 21 2019. Environmental Reevaluation is anticipated to complete by the end of 2019. Field Inspection (FI) plan is anticipated to be available for review in early 2020 . . . Geotechnical reports on retaining walls were recently completed. Additional retaining walls might be needed to reduce impacts to wetlands. Current stage risk assessment was reviewed. Higher risk elements related with design is being evaluated and mitigated.	FY2025	Summer 2019	**21.5%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Town of Herndon	**Intersection Improvements (Herndon Parkway/Sterling Road) –** Street capacity improvements for congestion relief. Project includes ROW acquisition and construction to build a sidewalk on the north side of Sterling Road between Herndon Parkway and the town limits.	$500,000 (FY2014)	Final Engineering, ROW Acquisition, Construction	Sidewalk construction on Sterling Rd west of Herndon Pkwy was completed on June 29, 2019 and the Town paid final invoice to the contractor on Nov 2018. Project closed out	Closed out in March 2019	Closed out in March 2019	100%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Town of Herndon	**Intersection Improvements (Herndon Parkway/Van Buren Street) –** Street capacity improvements for congestion relief. Project includes sidewalk/trail connectivity to Herndon Metrorail.	$500,000 (FY2014)	Construction	Design is at 95% complete. Land acquisition and utility underground/relocation are underway	Expected in 2021, To be coordinated with the opening of Dulles Metrorail Phase II.	Spring 2021	**5.2%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Town of Herndon	**Access Improvements (Silver Line Phase II – Herndon Metrorail Station) –** Provides additional vehicle and bus pull-off bays and major intersection improvements to include ADA accessible streetscape, paver crosswalks, bike-pedestrian signalization, refuge media islands and bus shelter/transit facilities.	$1,100,000 (FY2014)	Engineering, ROW Acquisition, Construction	Currently in ROW and utility relocation phase. Construction expected to start in 2020.	Expected in 2021, to be coordinated with the opening of Dulles Metrorail Phase II.	Spring 2021	**1.0%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Town of Herndon UPC 50100	**East Elden Street Improvement & Widening -** Widen and reconstruct East Elden Street from 4 to 6 lanes with a raised landscaped median between Fairfax County Parkway and Herndon Parkway; continue as a 4-lane section with a raised landscaped median and dedicated turning lanes between Herndon Parkway and Van Buren Street; transition to a 2-lane section with left-turn lanes between Van Buren and Monroe Street. The project will be ADA accessible to include pedestrian/audio signalization, crosswalk enhancements and bus stop improvements at select major intersections as well as proposed bike lanes along the length of the project.	$10,400,000 (FY2015-16)	ROW, Utilities	Right of way acquisition/street dedication in 2018-2019. Construction advertisement to occur in 2022. VDOT and consultant continue work on Field Inspection / Right of Way plans. VDOT is conducting Utility Field Inspection (UFI) to coordinate the latest PE plans with utility companies. Right of Way Notice To Proceed (NTP) was approved on May 9, 2019 and as a result right of way acquisition is underway.	2024	TBD after contract award	**0%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Town of Leesburg	**Edwards Ferry Road and Route 15 Leesburg Bypass Grade Separated Interchange –** Development of a new grade separated interchange.	$1,000,000 (FY2014)	Design, Environmental	Funds fully utilized. Project continuing.			

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Town of Leesburg UPC 89890	**Edwards Ferry Road and Route 15 Leesburg Bypass Grade Separated Interchange (Continuation) -** The project consists of development of a new grade-separated interchange on Edwards Ferry Road at the Route 15 Leesburg Bypass. The existing signalized at-grade intersection at this location is heavily congested.	$1,000,000 (FY2015-16)	Design	Public Involvement Meeting was held on March 2 where three alternative proposals were presented. The town endorsed Alternative B on 5/9/17. Public Hearing was held in May 2018. PH Transcript and Design Approval request currently under review at the District. IJR approved 12/16/18. Value Engineering approved 1/25/19. Awaiting endorsement of Limited Access Modifications from Town in order to submit to CTB for approval. Subsequently submit the plans for Design approval in order to close out PE phase. LACC will be presented before CTB in April. CTB approval received for LACC on 4/10/19. Received design approval on 5/3/2019. Preliminary design is complete following receipt of design approval. Submitted Revenue Sharing and NVTA funding applications in September 2019.	Design approval expected in early 2019.	Design approval expected in early 2019. (Full payment made to VDOT)	100%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Town of Leesburg UPC 106573	**Route 7 East Market Street and Battlefield Parkway Interchange -** Improve safety and pedestrian/vehicle flow by building a grade-separated interchange which will allow Route 7 to become a limited-access freeway through the Town of Leesburg	$13,000,000 (FY2015-16)	Design	On June 27, 2017, the Leesburg Town Council endorsed Alternate 4 (Single Point Urban Interchange-SPUI), Right in/Right out with an acceleration lane at Cardinal Park Drive and Design Build delivery method. The NEPA document (CE) is under way. Public Hearing held Mar 7, 2018. The NEPA document (CE) approved by FHWA on June 8, 2018. Request for D-B Proposal (RFP) and conceptual plans released on June 18, 2018. RFP process continues. Alternate Technical Concepts (ATCs)/proprietary meetings held and ATC under review. Technical proposals were due on November 27, 2018 and Price Proposals were due on December 12, 2018. Bids were opened on 12/18/18 and the procurement process for selection of the Design-Builder is underway. CTB approved the contract on March 21, 2019.	November 2021	November 2019	**30.8%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Town of Leesburg UPC 106573	**Route 7 East Market Street and Battlefield Parkway Interchange (continuation)** - Improve safety and pedestrian/vehicle flow by building a grade-separated interchange which will allow Route 7 to become a limited-access freeway through the Town of Leesburg.	$20,000,000 (FY2017)	Construction	Continuation of the FY2015- 16 project above. 60% road plans, 60% right of way plans, Signal/Lighting have been submitted for review and comments have been given back to the Design Build Team. Signal and Lighting Plans have been submitted for review and comments have been given back to the Design Build Team. The Early Works Package has been submitted and was approved. Project Construction Trailer grading plans were approved. Ground Breaking Ceremony and Pardon our Dust meeting was held mid-October 2019. Construction is scheduled to begin by end of October 2019. VDOT approval received for limited construction, which includes converting the interior shoulder lanes to temporary through lanes and improvement along the detour routes. 100 % plans were recently submitted and are currently being reviewed.	November 2021		**0%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Northern Virginia Transportation Commission	**Transit Alternatives Analysis (Route 7 Corridor Fairfax County/Falls Church/ Arlington County/ Alexandria) –** Corridor study to evaluate transit options on Route 7.	$838,000 (FY2014)	Planning (Phase 2 of Study)	Completed (Study). Currently, NVTC is leading the Preliminary Engineering phase.			100%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Potomac and Rappahannock Transportation Commission (PRTC)	**Gainesville New Service Bus –** Funding to acquire one commuter bus for new PRTC Gainesville Service.	$559,275 (FY2014)	Acquisition	Completed.			100%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Potomac and Rappahannock Transportation Commission (PRTC)	**Western Maintenance Facility –** New facility will alleviate overcrowding at PRTC's Transit Center (which was designed to accommodate 100 buses, but is currently home to over 166 buses) and to permit service expansion as envisioned and adopted in PRTC's long range plan.	$16,500,000 (FY2015-16)	Construction, Testing, Inspection, Oversight	Commission approved awarding GMP to Clark Construction LLC on October 4, 2018. Contract fully executed 11/6/2018 and NTP was effective 11/7/2018. Groundbreaking took place 1/23/19. Outside metal wall panels continue to be installed on both the maintenance and administration buildings through the middle of October 2019. Mechanical, electrical, and plumbing installations continue to take place in all three buildings. Window framing is being installed in maintenance and administration buildings and should be completed by end of October. Most of the site has its base layer of asphalt, except for where the construction trailers are located. Permanent power connection by NOVEC is in process, grading and landscaping continues at least through January.	Late Spring 2020	Late Spring 2020	**90.3%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
VDOT (Fairfax	**Route 7 Bridge over Dulles**	$13,900,000	Construction	Completed			

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
County)	**Toll Road -** Widen Route 7 from 4 lanes to 6 lanes, from approximately 0.1 mile west of Tyco Road to approximately 0.6 mile west of Tyco Road. The project will add one extra lane and 14-foot wide shared-use path on each direction.	(FY2015-16)					

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
VDOT (Fairfax County)	**Route 28 Widening: Dulles Toll Road to Route 50 –** Widen Route 28 from 3 to 4 lanes Southbound from Dulles Toll Road to Route 50.	$20,000,000 (FY2014)	Construction, Contract Admin.	Completed			

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
VDOT (Fairfax County)	**Route 28 Widening: McLearen Road to Dulles Toll Road –** Widen Route 28 from 3 to 4 lanes Northbound from McLearen Road to Dulles Toll Road.	$11,100,000 (FY2014)	Construction, Contract Admin.	Completed			

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
VDOT (Loudoun County)	**Route 28 Hot Spot Improvements (Loudoun Segment) –** Loudoun segment of Route 28 improvements from Sterling Blvd. to the Dulles Toll Road.	$12,400,000 (FY2014)	Construction, Contract Admin.	Completed			

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
VDOT (Loudoun County) UPC 109146	**Route 28 NB Widening between Dulles Toll Road and Sterling Boulevard –** This includes widening of northbound Route 28 from 3 to 4 lanes. An additional thru lane will be added in the NB direction, and the existing auxiliary lane configurations between the Innovation Avenue, Route 606 and Sterling Boulevard interchanges will be maintained but shifted to the east to accommodate the additional thru lane.	$20,000,000 (FY2018-23 SYP)	Construction	NB Route 28 paving is complete and permanent striping is expected to be complete the week of November 18. Sign and lighting installation continue. Guardrail and concrete barrier installation is being performed. Project remains on-budget. Project is now expected to reach final completion by January 1, 2020. .	June 2020	June 2020	**60.7 %**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Virginia Railway Express	**Gainesville to Haymarket Extension / Broad Run Expansion –** Corridor study and preliminary engineering development of an 11-mile VRE extension from Manassas to Gainesville-Haymarket.	$1,500,000 (FY2014)	Planning, Project Devt., Conceptual Design.	The Project Development phase, including NEPA (documented CE) and Preliminary Engineering (PE)/30% design is underway for expansion of the VRE Broad Run Station and Maintenance and Storage Facility (MSF) site. Final 30% design plans are under development. Draft CE is under development for FTA review.	2024	2019	**90.0%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Virginia Railway Express	**Lorton Station Second Platform** – Includes final design and construction of a 650-foot second platform at the VRE Lorton Station in Fairfax County to accommodate trains up to 8 cars in length.	$7,900,000 (FY2014)	Final Design, Construction	Preliminary engineering/30% design plans and NEPA documentation are complete. Final design is currently underway.	2022	2022	**8.8%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Virginia Railway Express	**Manassas Park Station Parking Expansion -** Planning and engineering investigations to expand parking and pedestrian connections at the VRE Manassas Park station	$500,000 (FY2015-16)	Planning & Engineering Studies	Funds fully utilized. Project continuing (see below)			100%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Virginia Railway Express	**Manassas Park Station Parking Expansion (continuation) -** Planning and engineering investigations to expand parking and pedestrian connections at the VRE Manassas Park station.	$2,000,000 (FY2017)	Design, PE, Environmental	Continuation of the FY2015-16 projects. Alternatives analysis and planning / Preliminary Engineering / 30% design completed. Final design underway Recent request by City of Manassas Park may require redesign of garage. VRE working with City and consultant to evaluate.	2022	2020	**22.3%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Virginia Railway Express	**Franconia-Springfield Platform Expansion -** Design and construction to extend the existing north-side (Metro station side) platform by up to 700 feet to allow the north-side platform at the station to be usable by full length VRE trains. It also includes design and construction of modifications to the south-side platform at the station.	$13,000,000 (FY2015-16)	Design, Construction	Preliminary engineering/30% design plans and NEPA documentation are complete. Final design is currently underway.	2022	2022	**3.9%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Virginia Railway Express	**Rippon Station Expansion and Second Platform -** Includes NEPA, design and construction to modify the existing platform and add a second platform at the station to service trains up to 8 cars long. An elevator will also be constructed to get passengers to the new platform.	$10,000,000 (FY2015-16)	NEPA, Design, Construction	Draft Preliminary Engineering/30% design plans and NEPA documents are complete for review by CSXT. Final Design services Will be initiated following receipt of CSXT review comments. .	2023	2023	**0.4%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Virginia Railway Express	**Slaters Lane Crossover -** Includes the design and construction of a rail crossover and related signal equipment near Slaters Lane, north of the VRE Alexandria station. It will enable trains to move between all 3 tracks and makes the east side (Metro side) platform at the VRE Alexandria station usable from both sides.	$7,000,000 (FY2015-16)	Design, Construction	Track and signal construction is complete. Final CSXT invoice has been received and paid by VRE; reimbursement request to NVTA is pending.	2019	2019	**20.8%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Virginia Railway Express	**Crystal City Platform Extension Study -** Includes planning and engineering investigations to evaluate the options for expansion of the VRE Crystal City station that will alleviate existing crowding, improve multimodal connections, and accommodate future service expansion and bi-directional service. The project includes development of a NEPA checklist.	$400,000 (FY2015-16)	Planning Engineering Studies	Concept Design is complete. Preliminary Engineering/30% design and environmental review initiated. NVTA has approved final design funding for FY2021.	2023	September 2018. Final invoice pending receipt of CSXT invoice for design review.	**98.6%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Washington Metropolitan Area Transit Authority	**Orange Line 8-Car Traction Upgrades –** Begins the process of upgrading traction power along the Orange Line by incrementally improving the power system to increase power supply capacity to support the future expanded use of eight car trains.	$4,978,685 (FY2014)	Construction Contract Admin.	Installation of the traction power gear began June 11, 2017 at K06TB2 Greenwich Street cutover back on-line July 28, 2017 and punch list items completed by Sep. The second location at K07TB2 was cutover back on-line on August 21, 2017 and punch list items completed in Oct. NVTA funded phases are 100% complete and contract close out is currently in progress.	Projected Contract Close- out early 2020.	January 2019. (Overall Contract Completion May 2019)	**29.8%**

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 12/30/19
Washington Metropolitan Area Transit Authority	**Blue Line 8-Car Traction Upgrades –** Begins the process of upgrading traction power along the Blue Line by incrementally improving the power system to increase power supply capacity to support the future expanded use of eight car trains.	$17,443,951 (FY2017)	Engineering, Construction, Contract Admin.	Invitation for Bid (IFB) was released on September 6, 2017. Notice to Proceed was issued on April 20, 2018. Tie breaker and substation manufacturing is ongoing at , J02TB2. Installation of the DC Switchgear at C11TB, J03TB2, and J03TB1 were completed and cutover back on-line on March 25, 2019, April 2, 2019, and May 16, 2019 respectively. Due to manufacturing delays, construction at C98TB and J02TB2 is scheduled to begin December 9, 2019 and January 13, 2020 respectively.	Project Contract Close-out estimated December 2021	December 2021	**0%**