



NVTA Funding Program Project Status

Upcoming Public Information Meetings:

1. **City of Manassas** – Route 28 Widening Godwin Drive to Southern City Limits - ground-breaking ceremony on October 26, 2020, at 10a.m.
2. **Arlington County** – Boundary Channel Drive Interchange: Virtual Public Input Meeting scheduled for November 5, 2020, 6-8 p.m.

NOTE: Due to current public health emergency, a number of public events have been postponed or cancelled. 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 10/5/2020
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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	IMR approval from FHWA was received on 10/8/2019; construction of the interchange is anticipated to occur from 2022 to 2023. Agreement to transfer PE/ROW/CN phases from County to VDOT was executed on January 14, 2020. The PFI stage design plans were submitted on 5/8/2020. VDOT has submitted the Public Hearing stage plan set on 8/7/2020. These plans are under staff review. The formal Public Hearing is scheduled for November 5, 2020. The Design-Build RFP is scheduled to be advertised in Feb 2021.	Long Bridge Drive was completed in June 2018 and interchange is expected by summer 2023.	Summer 2023.	50.7%

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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	<p>NVTA-funded construction tasks are completed, and NVTA SPA is closed-out.</p> <p>Sanitary sewer and storm sewer anticipated for completion by later 2020. Utility work is ongoing on the west segment. Dominion Energy is completing west end undergrounding and will start removing overhead lines. Verizon/Comcast to follow.</p> <p>Fort Myers completed sidewalk, curb, gutter, installation of street lights, and roadway reconstruction, between South Dinwiddie and South Greenbrier Streets. Roadway work started on the south side/median between South Greenbrier and South Jefferson Streets. Intersection work at Columbia Pike and South Dinwiddie anticipated for week of Aug. 3.</p>	Spring 2021	Completed in July, 2020.	100.0 %

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Arlington County	<p>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.</p>	\$10,000,000 (FY2015-16)	Engineering, Construction	<p>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).</p> <p><u>Segment A West</u> – Design is 99% complete. Right-of-Way acquisition is underway, but must be completed prior to final plan approval and construction. Plats have been ordered, received and approved. Easements documents are being prepared for property owners’ signatures. Ongoing conversations with VDOT regarding easement and impact to property frontage continue.</p> <p><u>Segment A East</u> is subject to negotiations with Arlington National Cemetery (ANC), Eastern Federal Lands. County staff reviewed 75% DAR plans and is currently compiling comments to provide to Eastern Federal Lands and Kimley Horn. Comments provided to EFL and Kimley Horn on June 2, 2020.</p> <p>County staff reviewed 65% ANC plans with comments provided to ANC representatives.</p>	Western Half – Fall 2024; Eastern Half – projected Spring 2024 (depending on negotiations)	Western Half – Fall 2024; Eastern Half – projected Fall 2024 (depending on negotiations)	10.0%

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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 10/5/2020
Arlington County	<p>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.</p>	\$12,000,000 (FY2015-16)	Design	<p>STV submitted 15% mechanical design documents for WMATA's review and approval.</p> <p>As part of the previously approved task modification, STV completed the subsurface exploration at 4420 Fairfax Drive. The exploration determined that the foundation of the adjacent building on the northwest corner intrudes into the planned west entrance mezzanine area.</p> <p>The County is working on merging the 4420 Fairfax Drive easement drawings and the entrance design documents in order to better understand project limits and impacts resulted from subsurface exploration performed earlier in the year. The County will have a survey consultant perform this work and then coordinate a meeting with WMATA to determine entrance layout changes to avoid conflict the adjacent building, at 4420 N. Fairfax Drive, due to the proximity of the building's foundation.</p> <p>The County and WMATA finalized the Design Support Agreement (DSA) and Project Coordination Agreement (PCA). The County Board approved the PCA at the September 12th Board meeting.</p>		PE ends in 2022.	0.3%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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. Delayed due to procurement issues. 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.	Task 1 – completed Task 2 – Spring 2021. Task 3 - Completed Task 4 – Completed Task 5 – Fall 2019 Project Completion: Spring 2021	Task 1 – completed Task 2 – Spring 2021. Task 3 - Completed Task 4 – Completed Task 5 – Fall 2019 Project Completion: Spring 2021	31.1%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
Arlington County	<p>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.</p>	\$3,000,000 (FY2017)	Design, PE, ROW, Construction	<p>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 not started due to Streetlight Management Plan update. Task 4: ITS equipment deployment - Field survey completed. Equipment Purchase Orders completed.</p>	<p>Design Tasks Task 1 – Complete Task 2 – Fall 2020 Task 3 – Fall 2020 Task 4 – Fall 2020 Construction: Tasks 5 – Fall 2021 Task 6 – Construction of Task 3, Fall 2020. Project completion Fall 2021.</p>	<p>Design Tasks Task 1 – Complete Task 2 – Fall 2020 Task 3 – Fall 2020 Task 4 – Fall 2020 Construction Tasks 5 – Fall 2021 Task 6 – Construction of Task 3, Fall 2020. Project completion Fall 2021.</p>	8.5%

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Arlington County	<p>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.</p>	\$11,600,000 (FY2017)	Design, PE, ROW, Construction	<p>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. The 12th Street Design is currently on hold pending the results and recommendations of a traffic study to analyze the optimal street layout to support the Transitway extension. The study was approved on 7/20/2020. The County resumed work on the 90% design in August 2020. The 90% design plan package is scheduled to be submitted in late November 2020. All required easements have been obtained.</p> <p>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, contract approval on January 25, construction started in October 2020. Phase 2 will include the reconfiguration of US1 interchange and adjacent pedestrian facilities as well as the section of 23rd Street from US 1 to Crystal Drive.</p>	December 2022	December 2022	17.1%

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				<p>This 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.</p> <p>The pedestrian tunnel under Route 1 was removed in September.</p> <p>The Clark/Bell Realignment 60% design plans need to revert to 30% stage because of the adjacent private development proposal. Staff is awaiting a revised fee proposal and schedule from the design consultant.</p>			
Arlington County	<p>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.</p>	\$39,027,000 (FY2018-23 SYP)	Design, Construction, Asset Acquisition.	<p>The Concept Design for the project is complete.</p> <p>The County has started the process of looking into temporary bus parking locations when construction for this project begins at the Shirlington site. The scope of work for a CMAR RFP has been completed and was issued to nine short-listed offerors and the proposals were received on October 1, 2020. The County has completed negotiating with the top rank design firm, the County Board approved the design contract on September 15, 2020. Design award is expected in early October 2020.</p>	Summer 2023	Summer 2023	0%

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Arlington County	<p>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.</p>	\$10,000,000 (FY2018-23 SYP)	Design, ROW, Construction, Asset Acquisition.	<p>Phase I: Washington Blvd. Corridor ITS Enhancements (\$4,000,000):</p> <p>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 – Completed.</p> <p>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 – Completed – 4 intersections (1 intersection is being designed in-house). Plans are currently being circulated for VDOT & County's review and comments. 2.3 – 100% Plan Development – Ongoing - 4 intersections (1 intersection is being designed in-house).</p>	Summer 2024	Summer 2024	3.1%

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				<p>2.4 – Final Plans – 1 of 7 completed.</p> <p>Task 3: ROW Authorization – Ongoing – Permanent & Temporary Easement</p> <p>Phase II: Crystal City/Pentagon City area ITS Enhancements (\$4,000,000) -</p> <p>Task 1: Survey Request – Ongoing – Survey has been requested for two intersections (ongoing).</p> <p>Due to significant increase in development in Crystal City/Pentagon City area after Amazon’s announcement, most of the signalized intersection are being upgraded by new development; County is looking into different options to expand its ITS capabilities along the corridor.</p> <p>Phase III: Columbia Pike corridor ITS Enhancements (\$2,000,000) –</p> <p>Task 1: Survey Request – Ongoing – Survey has been requested for one intersection.</p> <p>County’s Columbia Pike multi-modal project will be upgrading all the signalized intersections along Columbia Pike corridor; County is looking into different options to expand its ITS capabilities along this corridor as well.</p>			

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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 18 th Street South. The new entrance will be located to the east of the existing entrance, which is located on South Bell Street at 18 th Street South and will provide access to the east side of the train platform.	\$5,000,000 (FY2018-23 SYP)	Preliminary Engineering	<p>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.</p> <p>The County has completed negotiations of an Interim Agreement for the 30% Design with JBG Smith. County Board approved the Interim Agreement and the Design Support Agreement (DSA) with WMATA at the July 2020 Board Meeting.</p> <p>The County issued Notice-to-Proceed to JBGS for the 30% design and met with the JBGS team to discuss schedule and early action items for advancing the work. The formal kick-off meeting with the County, WMATA, JBGS and governmental/agency stakeholders was held on September 25, 2020.</p>	June 2025.	September 2021.	0%

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Arlington County	<p>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.</p>	\$28,850,000 (FY2018-23)	Construction	<p>Multimodal Connections – 30% design open house with the public was held on 6/25/2019. VDOT issued a PCE on 10/28/2019. 90% Design Plans submitted to VDOT on August 12, 2020; all comments have been received and staff is working on addressing them in the design. A virtual design public hearing is being scheduled tentatively for 11/17/2020. Construction is anticipated to begin in Fall 2021.</p> <p>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 submitted 90% design for architectural, structural and electrical engineering design of the stations. This 90% design is still under review as the County is making a design change to a structural element for one of the two Transitway stations within Segment I. This design change will provide a benefit to the project as it will help streamline the construction and closeout of the project. The design for Segment I is delayed, now estimated to be completed by fall 2020, and the construction of Segment I will be coordinated with the 12th Street South project. The County is working on obtaining two permanent easements and one temporary easement for the two stations on Segment I and</p>	April 2023.	April 2023.	0%

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				<p>coordinating with Dominion Energy to provide electrical connections from power sources.</p> <p>12th Street South segment (Segment II) is currently in the design phases. The Traffic and Operations analysis for Segment II has been completed. The County's Engineering Bureau is currently reviewing comments on the 30% design for Segment II (12th Street S).</p>			
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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 Fund for this funding cycle is 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%

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Fairfax County	Frontier Drive Extension & Intersection Improvements (Continuation).	\$25,000,000 (FY2018-23)	ROW	<p>VDOT has performed a high-level review of the proposed concept suggested by WMATA and has deferred the decision on whether to adopt it to Fairfax County. There are cost and schedule implications involved.</p> <p>WMATA has enlisted a consultant to review their proposed design.</p> <p>WMATA analysis is received, County and VDOT are considering the WMATA design, there may be significant delay because of this.</p>	Currently being updated.	FY2021	0%
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	See current status below.	Jan 2020	Jan 2020	92.2%

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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	<p>Continuation of the above project.</p> <p>The Non-Residential Use Permit was received and substantial completion for the garage, which includes some aspects of the project, is 6/26/2020. The work at the pavilion area including metro plaza and Kiss & Ride area was completed. However, the facilities will not open to public until Silver Line Phase 2 revenue service begins.</p> <p>Target completion date for Silver Line Phase 2, including the station, is late 2020/early 2021 and revenue service will begin following completion of WMATA testing and acceptance.</p>	June 2020	June 2020	99.4 %

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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 Environmental Study	<p>Notice to proceed was issued to Shirley Contracting Company on June 15, 2020, and a Kickoff meeting was held June 15, 2020. Contract substantial completion date is spring 2023, with final completion currently projected for summer 2023.</p> <p>Contractor has submitted advance TTC plans for temporary shoulder widening on August 1, 2020; these are under review by VDOT and Fairfax County. Further utility delineations and geotechnical studies are under way.</p> <p>Design: Concept plans and the draft Design Build RFQ and RFP were submitted to VDOT 12/21/18.</p> <p>Environmental: FHWA approved the Categorical Exclusion as revised on October 30, 2019.</p> <p>Traffic: VDOT accepted the Draft 2040 traffic model.</p> <p>Geotech: VDOT has approved Revised Geotechnical Data Report.</p>	Summer 2023	PE and Environmental Study – late Spring 2020. ROW – 2022.	80.9%
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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. See above for status.	Summer 2023	PE and Environment al Study – late Spring 2020. Row - 2022	0%
Fairfax County (NEW)	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.	\$16,000,000 (FY2018-23)	Construction	Continuation of the 2015-16 project. See above for status.	Summer 2023	PE and Environment al Study – late Spring 2020. Row - 2022	

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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	<p>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.</p> <p>NEPA documents in progress. Addressing public comments and working on IJR and environmental analysis. Alternatives for Popes Head Road interchange are being evaluated. IJR report was submitted in June, and Field Inspection plan in July 2020. A public design hearing was held on December 12, 2019. Comments were received and are being responded to. Design by WR&A is ongoing. Fairfax County Board of Supervisors endorsed the public hearing design plans on April 14, 2020.</p> <p>FI plans for first segment submitted to VDOT August 2020.</p> <p>Overall project PE phase is delayed, now anticipated to complete by fall 2023, and the ROW phase by spring 2025.</p>		PE phase by fall 2023. ROW phase by 2025.	40.0%

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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	Continuation of the above project.	PE phase by fall 2023. ROW phase by 2025.	PE phase by fall 2023. ROW phase by 2025.	0%
Fairfax County (NEW)	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.	\$67,000,000 (FY2018-23)	ROW, Construction	Continuation of the above project.	ROW Phase by 2025. Construction by 2027.	ROW Phase by 2025. Construction by 2027.	

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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) ROW acquisition is completed. Phase 1 utility relocation anticipated to complete in winter 2021. Phase 2 ROW acquisition is in progress. Fairfax County Board endorsed public hearing plans on 7/31/18. Phase 1 construction to begin in spring 2021 and end in fall 2021. Phase 2 construction from summer 2023 to winter 2026. ROW acquisition started on 2/5/2020.	Phase 1: 2021 Phase 2: 2026	Nov 2020	62.5%
Fairfax County (NEW)	Rolling Road Widening (Continuation).	\$11,111,000 (FY2018-23)	ROW, Construction	Continuation of the above project.			0%

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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.	January 2018.	January 2018.	100.0 %

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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	<p>CTB Award and NTP to the Design-Build contractor occurred in July 2018. Pardon Our Dust meeting held on May 7th and May 14th.</p> <p>Noise analysis finalized. reviewed and approved by FHWA and VDOT. Briefed elected officials on finalized noise study on 12/16/19. Completed early improvements at Baron Cameron Avenue and opened third left-turn lane from Route 7 to Baron Cameron Avenue in August 2019.</p> <p>All environmental permits (DEQ, USACE, VMRC) have been issued. Plans approved for construction on 10/2/19.</p> <p>Design work continues for lighting and landscaping and the electrical and intelligent transportation systems (ITS). Construction is ongoing, with widening work continuing along the length of the corridor, on time to be completed in June 2024.</p>	2024	June 2021	0%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
Fairfax County	<p>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.</p>	\$250,000,000 (FY2018-23 SYP)	Design, ROW, Construction	<p>Work continuing on Environmental document with completion at approximately 90%. 30% Design Plan is completed.</p> <p>Station design plans are under VDOT review. FTA CE sign-off is expected in winter 2020. Executive committee approved the “Design-bid-Build” project delivery option in its September 8, 2020 meeting.</p> <p>Project Team working on Public Involvement Plan for rest of year. Will consist of 6 meetings (3 in English, 3 in Spanish) once a month from October-December. Staff working with County Leadership on dates.</p>	2030	2030	2.5%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
Fairfax County	Route 1 Widening – Mt. Vernon Memorial Hwy to Napper Rd (Continuation) – 2.9 miles section between Mt. Vernon Memorial Highway (south) and Napper Road will be widened to six lanes.	\$127,000,000 (FY2018-23 SYP)	PE, ROW, Construction	This project is administered by VDOT. Project is in detailed design phase. Field Inspection (FI) plans corresponding to 75% design completion have been reviewed. The next project milestones will be Utility Field Inspection (UFI) and right-of-way acquisition. A Finding of No Significant Impact (FONSI) is needed from FHWA in the NEPA review process prior to the start of Right-of-Way acquisition. Project completion estimated date is delayed, from late 2027 to late 2028.	2028	2028	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 10/5/2020
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	Completed.			
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 is complete. Utility relocation being initiated. Start of construction Sep/Oct 2021. Clearing for the utility relocation is underway. The storm water management Permit and Grading Permit are approved by the County; DEQ approval is pending. Field crews have staked out easements and pole locations for Dominion's relocation. A change order has also been executed to Dewberry (DTCI's consultant) to provide	Summer 2023	Summer 2023	10.6%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
				additional Geotechnical Investigations for the proposed pond locations, per comments generated from Loudoun Building & Development.			
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)	Constr uction	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. 2 nd letters of Intent to enter were sent out by 11/22/19. VDOT traffic comments received 2/21/20 for the Traffic Operational Analysis Report. Consultant will review and re-submit as appropriate. Traffic Operational Analysis was resubmitted to VDOT on 3/9/20 for approval. Comments for the 30% plan submission have been received from VDOT and B&D. Consultant currently reviewing them. Staff will brief the Board of Supervisors later this fall/winter on the 30% design.	Mid 2021	Mid 2021	39.3%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
Loudoun County/ Town of Hillsboro	<p>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.</p>	\$12,112,000 (FY2018-23 SYP)	Design, ROW, Construction	<p>Concrete retaining wall masonry work underway. All stormwater structures and drain installations complete. Permanent utility pole relocations east of East Roundabout completed. Verizon mobilized, cable installation between Mountain Road and Gaver Mill Road underway. Dominion duct banks at East and West ends of project proofed, released for cable installation. Dominion service lateral installations underway, main duct bank proofing underway. Sanitary sewer force main and water line extension plans submitted. Curb and gutter installation underway through town. East and West Roundabout truck apron construction underway. Roundabouts accommodating limited, daily through traffic. Sidewalk base concrete construction underway.</p> <p>Daily “Partial Closure” phase began August 14:</p> <ul style="list-style-type: none"> One-lane eastbound traffic permitted each weekday from 4 a.m. to 9:30 a.m. to accommodate commuters. No westbound travel Monday through Thursday. One-lane westbound traffic permitted each Friday from 2 p.m to 7p.m., and Saturday and Sunday from 7 a.m. to 7 	Late 2020	Late 2020	67.3%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
				p.m. to accommodate visitors to area agribusinesses.			
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	Procurement has received final scope and fee proposal from the high-ranking consultant for design. The Board approved the contract. Dewberry Engineers has been selected as the Consultant for this project. On 6/5/20 a project Kickoff Meeting has held with the project team. Also, a pre-traffic scoping meeting was held with VDOT and project team on 6/5/20. Property Access Letters were sent. Field investigations are underway for survey topography, wetlands, aerial mapping. A Traffic Pre-scoping document was submitted to VDOT and DTCl for review. VDOT has provided comments on the traffic scoping memo. On	2026	2026	0%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
				9/9/20 Dewberry submitted to Loudoun County's Building and Development Dept.(B&D) and VDOT 15% Conceptual Plans for review. B&D assigned project number is CRCP-2020-0012.			
Loudoun County	<p>Evergreen Mills Rd Intersection Alignments – Watson Rd and Reservoir Rd</p> <p>– 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.</p>	\$14,000,000 (FY2018-23 SYP)	PE, ROW, Construction	<p>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. DTCI has started conducting briefing to Board members and is also working on scheduling Public Information Meeting in late April 2020.</p> <p>DTCI has conducted all Board Member Briefings for the project. The consultant has also performed a field Cultural Resources investigation. The Public Information Meeting has been postponed until further notice due to COVID-19 social distancing practices.</p> <p>Staff held a Virtual Public Input Meeting on September 22, 2020, 6-8 p.m.</p>	2024	2024	2.5%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
Loudoun County	<p>Northstar Blvd (All Phases) (Tall Cedars to Rte. 50 + Rte. 50 to Shreveport Dr) – Includes: Phase II- Extension of Northstar Boulevard between Route 50 and Tall Cedars Parkway; and</p> <p>Phase I - -Extension of Northstar Boulevard between Route 50 and Shreveport Drive</p>	\$64,805,000 (FY2018-23 SYP)	ROW, Construction	<p>Phase II – In ROW acquisition phase. When complete the project will be advertised as a design–bid–build procurement. Preparation of the encroachment agreements with utility companies is underway.</p> <p>Phase I - The Technical proposals were received from the three short listed design-build teams on August 20, 2020; the County evaluated the proposals on August 27, 2020. The price proposals from the three design-build teams were received on September 11, 2020 and under review now.</p> <p>DTCI staff presented to CTB at February meeting. CTB approved project at March Meeting. D-B RFP issued on April 22, 2020.</p>	Phase II – 2024 Phase I – 2024	Phase II – 2024 Phase I – 2024	6.5%
Loudoun County	<p>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.</p>	\$76,230,000 (FY2018-23 SYP)	ROW, Construction	<p>Phase I – 60% Plans have been submitted to the reviewing agencies. 7/21/2020 – Waiting for comments from the reviewing agencies. Finalizing additional field work.</p> <p>Phase II – 15% concept plans have been finalized. Right of way negotiations for simple fee right of way acquisition with the property owners of the SDC parcel was completed on June 22, 2020. Development of traffic analysis and roundabout package started. 07/21/2020 – Submitted the traffic analysis and roundabout</p>	Phase I – 2023 Phase II - 2024	Phase I – 2023 Phase II - 2024	0%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
				package to the reviewing agencies on 7/16/2020. Comments on the roundabout package and traffic analysis were received and are under review. Coordination with adjacent site plans continues.			
Loudoun County	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	Submission of the 30% design plan to Loudoun Department of Building and Development, MWAA, and VDOT occurred in April 2020. It was determined that the FAA would be lead agency on NEPA. Submitted and received access permission to start NEPA environmental survey on June 18 th , 2020. Continue to work on NEPA, intra-modal transportation with VDOT, and alignment issues with Urban Eng.	2025	2024	0%
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. Project continues for other phases.	April 2021	October 2018	

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
Prince William County	<p>Route 1 Widening from Featherstone Road to Mary's Way (continuation) -</p> <p>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.</p>	\$49,400,000 (FY2015-16)	ROW Acquisition, Construction	<p>All ROW has been acquired via Certificate of Taking (COT) or agreements. However, some negotiations are underway or court dates are TBD.</p> <p>Construction of the Duct Bank and waterline are complete. Road plans were submitted to VDOT for final approval. <i>Utility feed through activities are ongoing, anticipated completion is delayed, from early summer to fall in 2020. Coordination with Dominion Energy on removal of existing and installation of permanent lighting is ongoing</i> Utility work has been phased and first phase is scheduled to be completed July 2020.</p> <p>VDOT has approved Plans, Specifications, and Estimates (PS&E) document; project construction advertisement on 6/26/2020.</p> <p>BOCS has approved a construction award on August 4, 2020. <i>Final award awaiting VDOT authorization. VDOT issued C-5 for ductbank on August 19, 2020.</i></p>	Summer 2022.	Summer 2022.	78.9%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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.	Summer 2022.	Summer 2022.	36.2%
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 was completed in October, 2019, ahead of schedule. Ribbon Cutting was on October 9 th . The SPA Close-out Certification was submitted to NVTA on 12/23/2019.	November 2019	November 2019	
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)	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. Storm sewer, waterline, and median construction are continuing in both directions of Route 28. Utility relocation activities are being completed. BOCS endorsement of design	Spring 2022	Design March 2018 thru summer 2019. Construction Spring 2022.	67.4%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
				<p>including the Shared Use Path on Residency Road was approved on March 10, 2020. Coordination with City of Manassas for the construction of a traffic signal is ongoing. Right-of-Way offers and Certificate of Take (COTs) near complete. Shoulder work in north and south bound lanes under construction.</p> <p>Design for the Shared Use path is complete and Right-of-Way for path has begun. Bridge joint repair has been completed and bridge is open to public.</p> <p>Sidewalks on both sides of the bridge have been demolished.</p> <p>Water main installation underway at Pennsylvania Ave, and anticipated completion is delayed due to weather. Paving to widen Linton Hall Road is complete.</p> <p>Widening of southbound lanes from Residency Road toward Hornbaker Road began mid-August.</p>			
Prince William County	<p>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.</p>	\$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 10/5/2020
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	24.2%
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 9 th 2019 at Yorkshire E.S. The County plans to step away from the Federal NEPA Process and proceed with the State Environmental Review Process (SERP). RFP for design of the project is underway and scheduled for advertisement late Spring/Summer 2020. Prince William is coordinating with Fairfax County to determine how to best tie in with their project. The BOCS approved Alternative 2B (the Bypass) as the project location on September 8, 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.	71.7%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
Prince William County	Route 28 Corridor Feasibility Study (continuation) – 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)	Study, Design	Continuation of the above.		After FY 2023	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)	PE, ROW, Construction	Preliminary Engineering - Consultant task order to prepare conceptual plans and project schedules is underway. NEPA study is underway with approval anticipated for some time in May 2020. The Public Information Meeting originally scheduled for March 25, 2020 at Lake Jackson Volunteer Fire Department was cancelled. Design activities are ongoing. A virtual public information presentation was launched on May 18, 2020, with June 1 deadline to submit comments. The presentation has over 1,800 views and all submitted questions have been posted and responded to on the PWCDOT website. Supplemental documents, including IJR, Environmental Documents and Geotechnical Data, are being prepared. Meetings with short-listed D-B teams have been held and the final round of RFP is scheduled for release in September.	2023	2023	0%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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)	PE, ROW, Construction	A Public Information Meeting was held on May 20, 2019. Comments from public hearing were posted on the PWC Transportation website. Design activities are ongoing. 60% design plans were submitted to VDOT in February 2020. BOCS endorsed design in a Public Hearing on February 18, 2020. Utility Field Inspection was held on March 4, 2020. VDOT is reviewing 60% plans and Limited Access break. County met with VDOT to discuss plans. Design is ongoing. Utility coordination and ROW acquisition is underway. Limited Access Control Change announcement has been posted for public input.	2022	2022	4.7%
Prince William County	Summit School Road 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. Kick off meeting was held on December 19, 2019. Design activities are underway. Coordination with developers and utilities is underway. Survey and geotechnical work are underway. Design criteria has been discussed with VDOT. Preliminary design is ongoing. A virtual public presentation was held on July 27, 2020. Public comments have been received and responded to. Comments from VDOT are being evaluated. Road alignment has been refined	2023. Project is not fully funded at this time.	2022	2.1%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
				to mitigate impacts.			
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			
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.			

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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 10/5/2020
City of Alexandria	<p>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.</p>	\$66,000,000 (FY2017)	Design, PE, Construction (Design-Build)	<p>Notice to Proceed for design and construction was issued 9/24/2018. 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 and associated cost estimate to enhance the south-west access. Community outreach will continue. The contractor has initiated the construction of the A/C Switchgear Building component of the project.</p> <p>Virginia Water Protection Permit was approved for the project. DEQ issued a Virginia Water Protection (VWP) individual permit to the City on September 6th. The Army Corps of Engineers issued the Clean Water Act Section 404 Permit on November 15, 2019.</p> <p>The groundbreaking ceremony was held on December 19, 2019. Construction began on the north pavilion site (including the relocation of utilities and the start of pile driving). WMATA and the Contractor (PYC) reached a preliminary settlement for the enhancements to the southwest access. PYMIG supported staff's recommendation to proceed with the Modified Idea #1. On April 18th, the Alexandria Council approved staff's recommendation for Modified Idea #1 for the southwest access enhancement. Construction continued on the</p>	Project completion is currently scheduled for March 2022.	Project completion is currently scheduled for March 2022.	91.0%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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				<p>north pavilion with the completion of the installation of the pavilion piles.</p> <p>The Contractor's design team continues to advance the plans towards Final Site Plan release and submission of the building plans to Code for Building Permit release.</p> <p>The NEPA Re-evaluation for the removal of the southern mezzanine and the addition of the southwest access enhancements was completed and approved by FTA.</p> <p>During this period, active construction continued at all sites, including the AC Switchgear building, Station Headhouse, Knuckle Pier, North Pavilion and South Pavilion At the AC Switchgear building, activity includes forming and pouring walls. At the Headhouse, work included formation of platform and foundation walls and installation of the duct bank. At the South pavilion, work included site survey.</p>			
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Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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 NVTA SPA was closed out on September 15, 2020.	Completed in December 2018. Project closed out on 9/15/2020.	Completed in December 2018. Project closed out on 9/15/2020.	57.9%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
City of Alexandria	Duke Street Transit Signal Priority (continuation) - 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.	Completed in December 2018.	Completed in December 2018.	

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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, PE	<p>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 at all intersections, as well as stations and buses.</p> <p>Due to COVID-19, RFQ for design services will be released in Q1 of FY 2021. The project design is thus anticipated to begin 3rd quarter of FY2021.</p>	2024	2021	36.6%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
City of Alexandria	<p>Alexandria Bus Network ITS - Will implement Mobile CAD 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.</p>	\$150,000 (FY2018-23 SYP)	Asset acquisition	<p>Five real-time information displays have been purchased and installed. Work on the real-time arrival system with GTFS-rt is complete. The SMS system's programming is complete. However, SMS has not been deployed because DASH bus stop signs don't have IDs on them. Sign replacement has been delayed by the Alexandria Transit Vision Plan, a bus network redesign approved by the DASH board in December 2019 and slated to go into effect in August 2021. DASH has purchased signs, though they will not be installed until Summer 2021 when the new ATV bus network is launched.</p> <p>Mobile CAD was deployed in November 2019 to DASH street supervisors and dispatch. 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. The new DASH-branded BusETA/OneBusAway portal (DASH Tracker 2.0) has launched.</p> <p>Updated Appendices A and B are completed and executed.</p> <p>This project has been completed; however, staff have identified several upgrades to the new real-time information platform (www.dashbus.com/tracker) that</p>	October 2020	October 2020	73.9%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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				<p>could improve the user experience and exhaust the remaining \$7,562. These potential improvements were identified during customer focus group testing but were not included in the initial launch due to previous budget concerns. These improvements are nearly complete and will be included in the final reimbursement request for this project.</p>			
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Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
City of Alexandria	<p>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.</p>	\$1,195,491 (FY2018-23 SYP)	Engineering, Construction	<p>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. During the procurement process, a scope change was requested. The Appendix A and Appendix B were mailed to NVTA December 2019. On February 4, the City received approval to proceed with the procurement process. The Bid Opened February 26.</p> <p>The lowest responsive bidder was selected and the City is in the process of issuing a construction contract.</p> <p>March 2020, contract awarded to R. E. Lee Electric Co. Various equipment have been purchased and mobilization has started. Project is anticipated to complete in November 2020.</p>	FY 2021	FY 2021	30.3%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
City of Alexandria	<p>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.</p>	\$11,933,161 (FY2018-23 SYP)	Construction, Capital Asset	<p>NVTA project agreement was executed in June, 2019. DASH has placed orders for six electric buses and supporting infrastructure, funded by the VW Trust. The infrastructure installation supported by this project is on schedule, to be completed in early October 2020. Three of the VW buses have arrived and the other three will be delivered in January. DASH has completed 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.</p> <p>The solicitation for this Study is open and we expect contract award in late October with the final report by late spring 2021. We have placed Purchase Orders for eight battery-electric buses following the recent update to Appendices A and B to incorporate this change. Four buses will be 40-foot and the other four will be 60-foot articulated buses capable of supporting high-capacity transitway service. These buses will be delivered in early fall 2021.</p>	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 10/5/2020
City of Alexandria	<p>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.</p>	\$12,000,000 (FY2018-23 SYP)	Preliminary engineering	NVTA project agreement was executed in June 2019. A revised phasing and outreach plan are under development as a first step in developing the Phase 1 scope of work. The civic engagement process will begin in early FY21, and the outcome of this outreach will inform the final scope of work for the alternatives analysis and other environmental documentation.	Civic engagement and Alternatives Analysis to be completed in mid FY 2022. Environmental I and design for Phase 1 to immediately follow.	June 2023	0%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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 10/5/2020
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 10/5/2020
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 10/5/2020
City of Fairfax	<p>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.</p>	\$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	

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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City of Fairfax	<p>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.</p>	\$1,000,000 (FY2015-16)	Construction	Completed			
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Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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. A contract has been awarded to start the PE phase. In surveying and concept phase of PE, with 30% Design Plans expected in fall/winter 2020. NVTA project cost reimbursement has started.	FY2022	FY2022	0.5%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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 has started the PE phase now. PE phase ongoing. 60% Design Plan are complete. Public hearing was held on July 14, 2020. 60% Design Plan completed, moving onto ROW phase.	FY2022	FY2022	0.4%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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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			
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Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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 10/5/2020
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City of Falls Church	<p>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.</p>	\$300,000 (FY2014)	Design, Construction	Completed			
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Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
City of Falls Church / NOVA Parks	<p>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.</p>	\$3,244,959 (FY2018-23 SYP)	Engineering, Construction	<p>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 completed. Attended Planning Commission work session December 16, 2019. 90% plans completed and submitted to City for review. Received comments from City staff on 90% plans; AMT and NOVA Parks staff responding to comments and revising plans for resubmission. Additional Geotechnical Investigation completed. 100% plans submitted to City of Falls Church and comments received. 100% plans resubmitted on April 22 to address comments from City staff. Administrative approval of project is pending.</p> <p>NOVA Parks staff is finalizing construction documents, starting specs, assembling bid documents, and coordinating with VDOT for funding construction at the western (later) end of the project.</p> <p>Site Plan has been approved by Falls Church. Project is out to bid. Bids are due on July 14, 2020. VDOT has agreed to apply funds to revised scope of western .25 miles of trail improvements (Phase 2 of construction). NOVA Parks is working with VDOT to complete</p>	June 2021	June 2021	11.0%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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				<p>scoping and establish schedule for phase 2 work.</p> <p>NOVA Parks Board approved a construction contract, ceremonial groundbreaking and pre-construction meeting held August 26, 2020.</p> <p>Construction is mobilized.</p>			
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Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
City of Falls Church	<p>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.</p>	\$15,700,000 (FY2018-23)	Preliminary engineering, ROW, Construction	<p>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 90% of the new conduit complete at this time. Utility companies have been drafting and confirming easements and pulling wires into the new conduit. 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. All the easements in place now – Cox, Verizon, Dominion, for services to the new school. Streetscape design is progressing on schedule; Underground conduit has been installed for all dry utilities for the new high school and private development.</p>	February 2023	February 2023	18.7%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
City of Manassas	<p>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.</p>	\$3,294,000 (FY2015-16)	Engineering, ROW Acquisition, Construction	<p>PE phase is ongoing. PE plans at 100%. Obtained CTB approval for "Limited Access Control Change." ROW is completed. Utility relocation is underway. Waiting for VDOT authorization to advertise.</p> <p>Project was advertised for construction on July 2, 2020. Bids closing date is July 30, 2020.</p> <p>Bids are under review and the anticipated construction start date (NTP) is October 1st, 2020.</p> <p>A groundbreaking ceremony is planned for October 26th, 2020.</p>	Winter 2021	Winter 2021	19.1%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
Town of Dumfries UPC 90339	<p>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.</p>	\$6,900,000 (FY2015-16)	Preliminary Engineering	<p>Design was approved on 7.25.2019. Environmental Reevaluation was advertised for the public Review and was signed by FHWA on October 21 2019.</p> <p>Geotechnical reports on retaining walls were recently completed.</p> <p>Current stage risk assessment was reviewed. Higher risk elements related with design was evaluated.</p> <p>Measured wetland impacts. Efforts are being made to minimize impacts.</p> <p>The Restricted Crossing UTurn (RCUT) option for reducing delay and improving safety at the intersection of Tripoli Blvd and Old Stage Coach Rd and relevant traffic analysis are under review by the Town of Dumfries. If access is changed from what was presented at the PH, additional public involvement would be needed.</p> <p>Coordinating and updating retaining wall designs with excessive impacts.</p> <p>Continuing developing and updating roadway plans to Field Inspection (FI) stage. Expecting the FI review at least in late 2020. Detailed design plans for retaining walls are being reviewed.</p> <p>PE phase completion is delayed, now anticipated to complete by FY 2022. Project administration is</p>	FY2025	PE phase completion by FY 2022.	30.4%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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				being transferred to Prince William County; County staff is drafting a project coordination agreement between Town, VDOT, and the County.			
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Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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 10/5/2020
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 100% complete. Land acquisition and utility underground/relocation are underway. The construction advertisement is estimated for fall/winter 2020 . Construction Notice-to-Proceed is estimated for Winter 2020/21 (Dec-Feb 2020/21) .	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 10/5/2020
Town of Herndon	<p>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.</p>	\$1,100,000 (FY2014)	Engineering, ROW Acquisition, Construction	<p>ROW acquisition is completed. Utility relocations in progress.</p> <p>Construction advertisement is estimated for fall/winter 2020.</p> <p>Construction Notice-To-Proceed is estimated for Winter 2020/21 (Dec-Feb 2020/21). Completion date is estimated for spring/summer 2021 (6 months).</p>	Expected in 2021, to be coordinated with the opening of Dulles Metrorail Phase II.	Spring/Summer 2021	63.6%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
Town of Herndon UPC 50100	<p>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.</p>	\$10,400,000 (FY2015-16)	ROW, Utilities	<p>Notice-To-Proceed (NTP) was approved on May 9, 2019 and as a result the right of way acquisition began and is currently is in the Right of Way phase.</p> <p>Of the total forty (42) parcels needed for acquisition, ten parcels have been completed. Several parcels are pending because of duct bank adjustments or easement clarification. The remaining parcels are in various stages of acquisition with VDOT continuing the process of negotiating and filing certificates of right-of-way.</p> <p>VDOT and the designer continue to work on Right of Way phase of the project and revisiting the duct bank's right of way design for minimizing its impacts as requested originally by the property owners and the town. Accordingly, duct-bank alignment changes and the applicable adjusted parcels will be revised as definite, whereby the duct-bank manholes have been relocated, as agreed by the town and Dominion Power, to have the duct-bank conduits placed in the roadway east of the bridge and the manholes on the side of the roadway. However, changes may require revised offers to be re-negotiated for select parcels as the designer continues to evaluate</p>	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 10/5/2020
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				<p>shifting the duct-bank and/or tightening up easements.</p> <p>As part of the Right of Way/Utility phase, VDOT is to construct the duct bank/utility relocation as a project separate from the roadway and upgraded bridge construction when right of way is cleared.</p> <p>Construction advertisement estimated to occur in 2022. This date will be revisited once the duct bank realignment is completed and approved by the town.</p>			
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Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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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.			
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Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
Town of Leesburg UPC 89890	<p>Edwards Ferry Road and Route 15 Leesburg Bypass Grade Separated Interchange (Continuation)</p> <p>- 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.</p>	\$1,000,000 (FY2015-16)	Design	<p>NVTA FY2015-16 funds fully expended. Project continuing.</p> <p>NVTA funding applications for the FY2018-23 program approved to complete the PE phase.</p> <p>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.</p>	Design approval expected in early 2019.	Design approval expected in early 2019. (Full payment made to VDOT)	

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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)	PE	Design of the Rt 7 (E Market St) and Battlefield Pkwy Interchange is nearing completion. FY2015-16 SPA funds for PE phase are fully expended. Project is continuing for other phases (see below).	November 2021	December 2019	100.0%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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. Please see current status below for the FY2018-23 SPA.	November 2021	November 2021	0%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
Town of Leesburg	<p>Route 7 East Market Street and Battlefield Parkway Interchange (continuation)</p> <p>- 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.</p>	\$25,000,000 (FY2018-23)	Construction	<p>Right of Way Notice to Commence and Acquisition was approved on 1/14/20 and is ongoing. VDOT approval given for roadway construction in March 2020.</p> <p>Battlefield Parkway was closed at the end of July and will be closed for approximately 10 months. Work in the last month has included utility relocations, completion of the west access driveway, placement of fill on Ramp A, C and D, drainage work, continuation of the sewer jack and bore under RT7, and work on the bridge piers, pilings and abutments. Significant work has started on the closed portions of Battlefield Parkway, including removing utilities and pavement, placing embankments, BMP installation and utility relocations.</p> <p>Work continues in the coming month with utility relocations, continued construction and planned completion of Keystone Dr, the continued installation of the ramps, forming of the MSE walls for the interchange, drainage work, BMP installation and excavation for the bridge pier and abutments.</p> <p>Wet weather has slightly delayed some of the work, but time is being made up through 7-day work weeks and night work. The project is still scheduled to have Battlefield open within the 10-</p>	November 2021	November 2021	0%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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				month timeframe and final completion in Fall 2021.			
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Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
Town of Leesburg	<p>Construct Interchange at Route 15 Bypass and Battlefield Parkway.</p> <p>The funding requested under this project is for the initial steps of developing a grade-separated interchange. This includes preparation of an interchange justification report (IJR) to evaluate the need for the interchange, comparison of alternative designs, analysis of environmental impacts, and establishment of a project budget.</p>	\$2,000,000 (FY2018-23)	Design, PE	<p>NVTA SPA was approved in the June 11 2020 Authority meeting.</p> <p>The Town drafted RFP to select a consulting firm and was advertised on October 1, 2020.</p>	After 2023	After 2023	0%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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.			

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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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.			
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Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
Potomac and Rappahannock Transportation Commission (PRTC)	<p>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.</p>	\$16,500,000 (FY2015-16)	Construction, Testing, Inspection, Oversight	<p>Groundbreaking took place 1/23/19. Parts Carousel, Roller Shades, Automatic Room Divider and Switchgear were all demonstrated last month. The demonstration is being filmed and one staff person from PRTC is in attendance for those (only way we could get the demonstrations). Work ongoing for punchlist items (initial list of 966 items is now down to 399 open items). Troubleshooting the facility access system and making sure all access points are working correctly. Working through the 73 trainings that are due. Several Fire Marshall inspections have failed, contractors are back on-site correcting issues. Fare Collection vault will arrive in September.</p> <p>Substantial construction is completed. A significant punch list item needs to be checked off before applying for the certificate of occupancy. A ribbon-cutting ceremony is anticipated in January 2021.</p>	October 2020.	October 2020.	100.0%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
VDOT (Fairfax County)	Route 7 Bridge over Dulles 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.	\$13,900,000 (FY2015-16)	Construction	Completed.			

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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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			
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Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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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			
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Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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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			
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Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
VDOT (Loudoun County) UPC 109146	<p>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.</p>	\$20,000,000 (FY2018-23 SYP)	Construction	<p>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 are being performed. Project remains on-budget. Punchlist (from VDOT disciplines) work continues. Installation of permanent plastic in-laid markers is tentatively scheduled for mid-April, 2020. Final inspection is anticipated to take place from mid to late April 2020.</p> <p>Contractor has completed correction of the SWMP inspection punch list for ponds and is waiting for re-inspection by Patrick Stark. Contractor performing Drainage Post Installation Inspections and other punchlist items.</p> <p>Final Inspection Walk Thru is scheduled on June 2nd, 2020. Fixed Completion Date is June 15, 2020.</p> <p>The Certificate of Final Completion and C-5 executed on June 12, 2020.</p>	June 2020	June 2020	92.1%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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 Dev., 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 completed, NVTA SPA is closed on May 26, 2020. Final CE is under development for FTA approval.	2024	Spring 2020	100.0%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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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).			
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Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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, Environment al	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. Project is on hold pending an agreement with the City of Manassas to fund the redesign of the garage back to 60% design.	Construction complete by 2022.	Design complete by October, 2021.	41.5%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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	<p>Preliminary engineering/30% design plans and NEPA documentation is complete. Design is under revision in coordination with DRPT Corridor Improvement Project. Updated 60% plans, cost estimate, and schedule are also being prepared.</p> <p>Staff is currently working to finish the final design by the end of 2020. Construction is anticipated to start in 2021 and be complete by 2023.</p>	Final design complete 2020. Construction complete by 2023.	Final design complete 2020. Construction complete by 2023.	4.3%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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 are complete. Final CSXT invoice has been received and paid by VRE; final reimbursement from NVTA is complete.	Project closed out on 9/15/2020	Project closed out on 9/15/2020	36.5%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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 FY 2015-16 SPA is closed-out. NVTA has approved additional funding to complete the final design in its FY2018-23 program.	2025	September 2018.	100.0%
Virginia Railway Express (NEW)	VRE Crystal City Station Improvements - This project includes removal of the existing VRE Crystal City Station and providing a new expanded station that can serve full-length VRE trains on two tracks.	\$4,000,000 (FY2018-23)	PE	Continuation of above project. NVTA SPA was approved in September 2020 Authority meeting.	Construction by 2025.	PE phase by 2022.	0%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage Reimbursed as of 10/5/2020
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 on hold.	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 10/5/2020
Washington Metropolitan Area Transit Authority	<p>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.</p>	\$17,443,951 (FY2017)	Engineering, Construction, Contract Admin.	<p>Invitation for Bid (IFB) was released on September 6, 2017. Notice to Proceed was issued on April 20, 2018. 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.</p> <p>Additionally, the remaining two (2) NVTA funded Tie Breaker Stations at C98TB and J02TB2 were completed and cutover back on-line on March 7, 2020 and April 27, 2020 respectively.</p> <p>The final NVTA funded location is J03TP2 Greenleaf, currently equipment manufacturing is underway and has been delayed approximately 4-6 months due to the supply chain/manufacturing delays related to the COVID-19 pandemic. As a result, installation activities are scheduled to begin summer 2021.</p>	Project Contract Close-out estimated March 2022.	January 2022	0%