

NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

MEMORANDUM

FOR: Chairman Martin E. Nohe and Members
Northern Virginia Transportation Authority

FROM: Monica Backmon, Executive Director

DATE: December 2, 2016

SUBJECT: Executive Director's Report

1. **Purpose:** To inform the Northern Virginia Transportation Authority (NVTA) of items of interest not addressed in other agenda items.
2. **Commonwealth Transportation Board Fall Public Meeting.** The Commonwealth Transportation Board will host a public meeting at the NOVA District Office on Wednesday, December 14, 2016 for the public to provide comments on transportation projects and priorities.

This year's meeting will consist of an Open House format where attendees can review and provide feedback on the list of proposed local and regional projects submitted for scoring through round two of the SMART SCALE (formerly known as HB2) prioritization process. Following the Open House, a Town Hall style format will be provided for the public and transportation stakeholders to engage in discussion and ask questions about the projects.

A Public Hearing, including a formal public comment period, will be held for the Atlantic Gateway projects in conjunction with the meetings in Fredericksburg and Northern Virginia.

3. **I-66 Outside the Beltway Project.** As directed at the November 10, 2016 Authority meeting, a letter was sent to Secretary Layne requesting responses to funding questions from Authority members. Attachment B represents the letter sent to Secretary Layne. Attachment C is the presentation VDOT staff provided on Friday, December 2, 2016 regarding the project.
4. **NVTA Standing Committee Meetings**
 - **Finance Committee:** The NVTA Finance Committee will meet on Thursday, December 15, 2016 at 1:00pm.
 - **Planning and Programming Committee:** The NVTA Planning and Programming Committee's will meet on Monday, December 5, 2016 at 10am. The following meeting date will be determined at that meeting.

- **Governance and Personnel Committee:** The Governance and Personnel Committee's next meeting is TBD.

5. NVTa Statutory Committee Meetings:

- **Planning Coordination Advisory Committee:** The PCAC will meet on Wednesday, January 25, 2017 at 6:30pm.
- **Technical Advisory Committee:** The TAC will meet on Wednesday, January 18, 2017 at 7:00pm.

6. Regional Projects Status: The monthly project status report, based on information provided by the project sponsors, is provided as Attachment C. This report shows the amount of NVTa project funding which has been reimbursed to the project sponsors.

Attachments:

- A. Approval of Falls Church CMAQ/RSTP Reallocation Request
- B. Letter to Secretary Layne Regarding the I-66 Outside the Beltway Project
- C. Transform 66-Outside the Beltway Presentation
- D. FY2014-2016 NVTa Regional Projects Status



Northern Virginia Transportation Authority

The Authority for Transportation in Northern Virginia

November 23, 2016

The Honorable Aubrey L. Layne, Jr.
Secretary of Transportation
Patrick Henry Building
1111 East Broad Street, Third Floor
Richmond, Virginia 23218

Reference: Request for Additional Information Regarding the I-66 Outside the Beltway Agreement

Dear Secretary Layne,

Congratulations again on an agreement that requires no public funds while bringing significant improvements to the I-66 Corridor. We are pleased to be a part of this process and look forward to continuing to work with you.

The Northern Virginia Transportation Authority discussed the proposed I-66 Outside the Beltway concessionaire agreement at their November 10, 2016 meeting. During this meeting, Authority members directed that I seek responses from the Commonwealth on several questions regarding the project.

1. Given that \$300 million representing the Commonwealth's contribution for the I-66 Outside the Beltway project in Northern Virginia will be de-allocated thereby reducing the region's share of Six Year Program funds to 16%, how can the Authority assist the Commonwealth in ensuring that Northern Virginia receives its fair share per HB 2313?
2. What is the process for allocating the \$500 million upfront payment the Commonwealth will receive from the concessionaire for the toll corridor? As you are aware the Authority has a vested interest in the projects and improvements in the corridor.
3. Can this \$500 million payment be used to buy down the cost of the tolls?

Authority members also discussed provisions of HB 2313 which states that the regional funds made available through HB 2313 shall not be translated into a reduction of state-wide funds to Northern Virginia. This is a significant aspect of the above questions.

The Authority appreciates its working relationship with the Commonwealth. The Governor's announcement that no public funds will be required by the Authority or the Commonwealth is appreciated as it will allow the Authority to build on the Commonwealth's success through the reprogramming the \$300 million to additional regional congestion reducing projects in its first Six Year Program.

I sincerely appreciate the opportunity to receive your responses to these questions by December 2, 2016, for the Authority's December meeting. Please let me know if you have any questions or concerns.

Sincerely,

A handwritten signature in dark ink, appearing to read "Monica Backmon", with a long horizontal flourish extending to the right.

Monica Backmon
Executive Director

CC: Nick Donohue, Deputy Secretary of Transportation
Helen Cuervo, VDOT
Renee Hamilton, VDOT
NVTAs Members



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Stakeholder Technical Advisory Group (STAG) Meeting #11 December 2, 2016

Susan Shaw, Megaprojects Director
Virginia Department of Transportation

Project Scope

- Multimodal improvements to 22.5 miles of the I-66 Corridor
- 2 express lanes in each direction from I-495 (Capital Beltway) to Gainesville (University Boulevard)
- 3 general purpose lanes in each direction
- New transit service and park-and-ride lots
- Safety and operational improvements at key interchanges



Project Recap

November 2013	FHWA approves Tier 1 EIS with Record of Decision
July 2014	Launch Tier 2 Environmental Assessment (EA) and Transform 66 Outside the Beltway
May/June 2015	NEPA Public Hearings for EA
August 2015	Commissioner's Finding of Public Interest
September 2015	Announce Preferred Alternative and Phasing Approach; post RFQ
October 2015	Inclusion in regional TPB CLRP; CTB approves Preferred Alternative and Phased Approach
December 2015	Decision on procurement: Toll concession
May 2016	Public hearings for procurement and HOV conversion
June 2016	FHWA issues Finding of No Significant Impact regarding EA
July 2016	Issue final Request for Proposals

Key Policy Considerations

- **Funding for transit is a requirement**
- **Developer retains the risks for:**
 - Excessive HOV use
 - Limited relief for alternative facilities
- **Alternative Technical Concepts (ATC) desired**
 - Emphasis on innovation and increasing value
 - Reduced scope or cheaper quality not acceptable
- **Minimize negative impact of construction activities**
 - Expedited construction schedule with Liquidated Damages (LDs) for late Project completion
 - Liquidated damages for lane closures
- **No Notice to Proceed (NTP) for construction until the necessary permits are obtained**



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Key Business Terms

- **Concession Term: 50 years**
- **Financing:**
 - Developer to finance the Project at its own cost and risk
 - VDOT to provide up to \$600 million public contribution
- **Permits:**
 - VDOT to obtain required NEPA approvals, CTB approvals, and approvals by FHWA of the Comprehensive Agreement and Project Management Plan, as necessary
 - Developer to be responsible for obtaining all other permits and government approvals, and to reobtain any required reevaluation of NEPA approvals as a result of Developer's ATCs
- **Design and Construction**
 - Fixed priced contract
- **Operation and Maintenance (O&M)**
 - Developer to be responsible for O&M of the express lanes, except for snow and ice removal, which will be done by VDOT
 - VDOT to be responsible for operation and maintenance of the general purpose lanes



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Competitive Process

- Offered private sector opportunity to compete against the public state-financed option
- Public option will remain on the table until deal is signed with private partner
- Final RFP issued July 29, 2016
- Two teams submitted compliant bids
 - Transurban/Skanska
 - Cintra/Meridiam/Ferrovial



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Proposal Evaluation Criteria

- **Cost - 70% of score**
 - Lowest project cost received 70 points
- **Technical factors - 30% of score**
 - Customer service, hand-back condition, structure durability, tolling, long-term partnership, public outreach

Procurement Results

	Original P3 Analysis	2015 Public Option	Cintra/Meridiam/ Ferrovial
Upfront Public Funding	(900 to 1,000)	(400 to 600)	0
Transit Capital and Operating	0	800	800
Future Corridor Improvements	0	350	350
Concession Payment to TTF	0	0	500

Figures in millions of dollars



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Preferred Proposer

- **Best value proposal**
- **Express Mobility Partners**
 - **Equity Investors**
 - Cintra Global LTD, Meridiam Infrastructure North American Fund II
 - **Design-Build Contractors**
 - Ferrovial Agroman US Corp, Allan Myers VA, Inc.
- **\$2.3 billion construction project**
- **Provides required transit payments and support of corridor improvements**
- **Will make concession fee payment (\$500M) to Commonwealth**
- **Construction design provides innovative solutions to improve the physical quality and operations of the project**



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Other Benefits to the Commonwealth

- **\$500M now available for additional improvements to the I-66 Corridor subject to VA Code requirements (§ 33.2-1528)**
- **\$300M will return to the Northern Virginia Transportation Authority for other key regional projects**
- **\$300M will return to the High Priority Project Program in SMART SCALE for statewide competition**



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Procurement Next Steps

- **Brief CTB on the key commercial terms and contract on December 6, 2016; action on December 7, 2016**
- **Achieve Commercial Close with Preferred Proposer by December 15, 2016**
- **Financial Close to be reached by July 15, 2017**

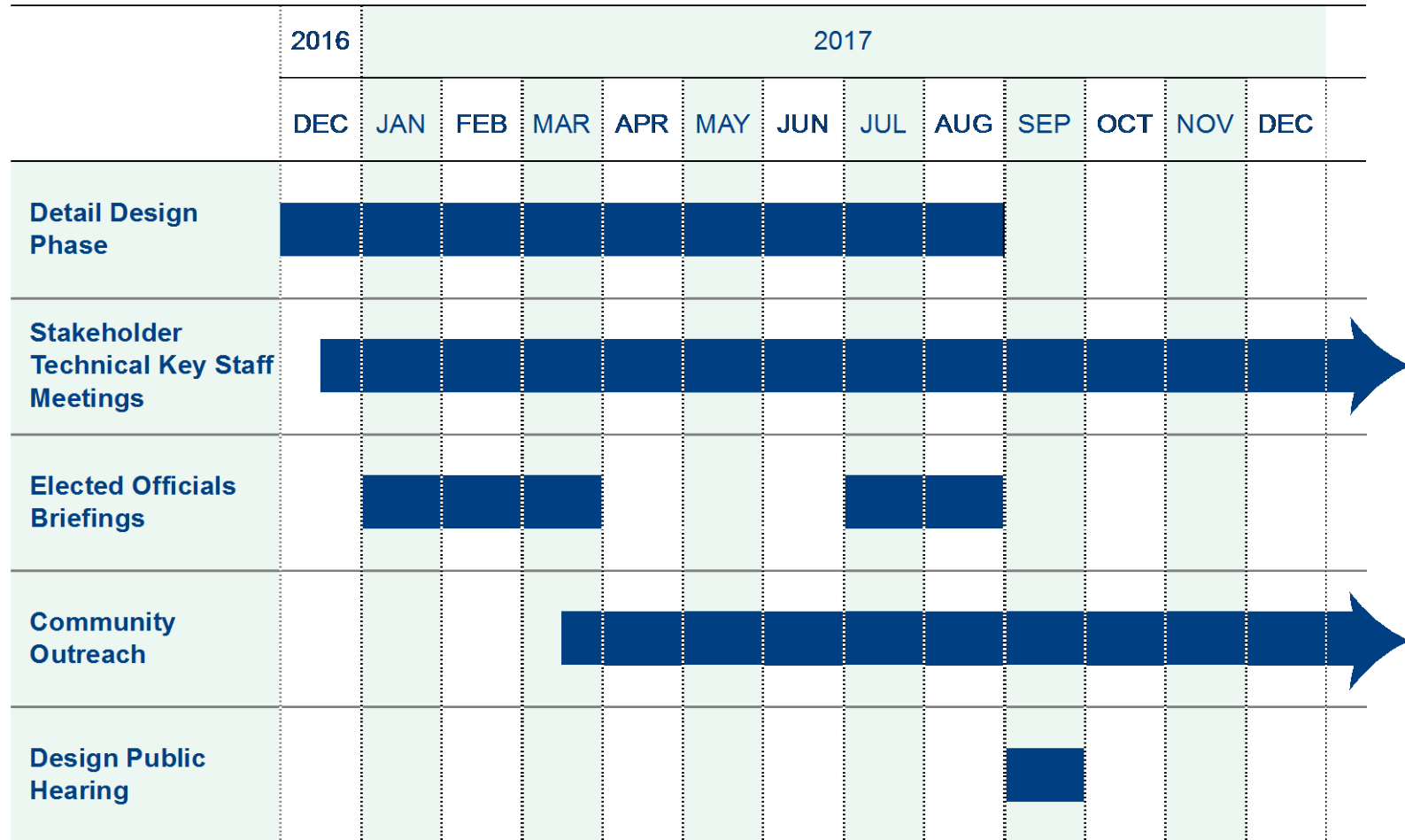


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Future Milestones

Milestone	Dates and Schedule
Begin Final Design	January 2017
Design Public Hearing	September 2017
Begin Construction	Fall 2017
Right of Way Acquisition – Offers, etc.	October 2017 – December 2018
Park and Ride Milestone Date (960 Parking Spaces near Gainesville)	March 2019 Subject to NTP for Construction
Route 28 Signalization Date (Remove 4 Traffic Signals from Route 28)	February 2020 Subject to NTP for Construction
Begin Tolling (Service Commencement Date)	July 2022 Subject to Liquidated Damages
Project Completion Date	August 2022 Subject to Liquidated Damages

Planned Outreach and Coordination





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THANK YOU!

Transform66.org



NVTA FY2014-16 Program Project Status

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund withdrawn as of 10/30/16
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 to/from the District of Columbia that will promote alternate modes of commuting into and out of the District.	\$4,335,000 (FY2014)	Construction	Planning and design underway; construction of the interchange begins in Fiscal Year 2020; construction of the local road that connects to the interchange (Long Bridge Drive) began in early October 2016.	By end of Calendar year 2018 (Long Bridge Drive) and by end of Calendar year 2022 (interchange)	2022	0%
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	Design notice to proceed was provided in October 2014. Invitation to Bid scheduled for release Feb 2017, with construction expected to be under way in mid-2017. Contract amendment for administration contract approved by the County Board in July 2016. Construction Management contract scheduled to go before County Board in November 2016.	Summer 2019	Spring 2019	0%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund withdrawn as of 10/30/16
Arlington County	Columbia Pike Multimodal Street Improvements (East End) – Includes a modified street cross-section along the eastern portion of Arlington's 3.5 mile Columbia Pike corridor. Specific works includes realignment of road including shifting the roadway south of its existing location, eliminating the s-curves and enhancing pedestrian facilities	\$10,000,000 (FY2015-16)	Engineering Construction	PE started by early 2014. Segment A (East End) has been split into two sections. First section is Orme to Oak (West) and the second is Oak to Joyce Street (East). Segment A West is scheduled 90% plan review submission Jan 2017. Segment A East is subject to negotiations with Arlington National Cemetery.	Western Half – Spring 2020; Eastern Half – projected Summer 2020	Western Half – Spring 2020; Eastern Half – projected Summer 2020	0%
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	Construction started July 6, 2015. The NVTA funded phase of this project is significantly completed as of June 2016. Final paving and striping will be completed in January 2017 at the same time as an adjacent County project. Lighting and signage also needs to be completed.	January 2017	January 2017	42.4%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund withdrawn as of 10/30/16
Arlington County	Ballston-MU Metrorail Station West Entrance – Constructs a second entrance to the Ballston-MU Metrorail Station, at North Fairfax Drive and North Vermont Street. Includes two street-level elevators & escalators, connecting to an underground passageway & new mezzanine. It will have fare gates, fare vending machines and an attended kiosk. Provides direct access, relieves congestion at the current entrance and provides for more even distribution along the platform	\$12,000,000 (FY2015-16)	Design	Design work to run for two years from Spring 2017.	Start of construction in winter 2019	Spring 2019	0%
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	PE began in January 2016. Communication upgrade underway. Consultant ConOps (Concept of Operations) completed.	Start of construction in June 2017	Start of construction in June 2017	1.3%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund withdrawn as of 10/30/16
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	Pier erection, precast, and masonry work is currently underway for station entrances. The County has prepared 100% construction documents for the kiss and ride, bus bays, bike facilities and taxi waiting areas.	Spring 2019	Spring 2019	83.3%
	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	Pier erection, precast, and masonry work is currently underway for station entrances. The County has prepared 100% construction documents for the kiss and ride, bus bays, bike facilities and taxi waiting areas.	Spring 2019	Spring 2019	0%
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	The concrete slab placement and steel erection for the maintenance building are complete. Work at the administration building expansion is ongoing. The conference room conversion for the new office space is near completion. Work in the generator area is ongoing.	July 2017	July 2017	4.5%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund withdrawn as of 10/30/16
Fairfax County	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	Design: Project PIM anticipated in February 2017. Survey: Received Preliminary Environmental Inventory (PEI) on 5/1/16. Solicited proposal for the Cultural Resources section of NEPA documentation. NTP issued on 10/20/16. Archeological survey commenced. Traffic: NTP issued mid-March 2016, counts completed in May 2016, draft traffic report is being reviewed. Utility Designation: NTP given to consultant in March 2016. Utility designation survey completed in May 2016. Geotech: Received Phase I Geotechnical Work plan on 9/14/16. Meeting held with VDOT on 10/26/16 to review work plan. Soliciting proposal for Phase II geotechnical work.	2020	February 2018	19.6%
Fairfax County	Fairfax County Parkway Improvements – A Study of short and long-term corridor improvements, Environmental Assessment (EA)/ Finding of No Significant Impact (FONSI), and/or Preliminary Engineering for five segments of the Parkway.	\$10,000,000 (FY2015-16)	Design, Environmental, PE	VDOT advertised the final RFP for a design consultant on 7/18/2016 and completed technical interviews in September. VDOT is expected to award the contract and start the project soon.	2022	2018	0%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund withdrawn as of 10/30/16
Fairfax County	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	Design is 20% completed. Staff met with elected officials to discuss the typical section. Public Information Meeting (PIM) was held on June 22, 2016. Meetings with individual HOAs ongoing. Project Public Hearing anticipated in early 2017.	2018	Summer 2017	0%
Fairfax County	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 and the design contract has been finalized with NTP issued by VDOT to the consultant in March 2016. Coordination meetings have been held with WMATA and Fairfax County to discuss project related details and to finalize the typical section for the extension. Draft IMR has been developed and is being reviewed. Final IMR is anticipated to be developed in February 2017. Preliminary Field Investigation Plans are anticipated to be developed by end of 2016. Public Hearing is anticipated to be held in fall 2017, with design approval anticipated in early 2018.	2022-2023	Fall 2018	0%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund withdrawn as of 10/30/16
Fairfax County UPC 106742	US 1 (Richmond Highway) Widening – Widen US 1 for 2.9 miles from Mt. Vernon Memorial Highway (south) to Napper Road. This project will provide a 6 lane facility from Ft. Belvoir to I-95/I-495 in Alexandria. Project includes both pedestrian and bicycle facilities and provision for future transit.	\$1,000,000 (FY2015-16)	PE, Environmental	Project is administered by VDOT Environmental document development is under way and the first citizen information meeting for the environmental document and the project is anticipated soon. Preliminary Engineering is in the early development phase. First citizen information meeting is anticipated in March 2, 2017.	2025	COMPLETE	100%
Fairfax County/ Virginia Department of Transportation UPC 82135	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	Construction of new bridge in between two existing Route-7 bridges over DATR and utility relocations are ongoing. Existing piers are being widened to replace the full superstructure. Beam Erection has begun in the median of the existing bridged. Construction of underpasses along shared-use paths is underway. Final design for the roadway is underway; anticipating ROW acquisition soon. Lighting plans along the roadway under review by MWAA, Fairfax County and VDOT. Westbound roadway traffic switch is tentatively scheduled on December 16, 2016.	Spring 2018	Spring 2017	66.7%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund withdrawn as of 10/30/16
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 Acquisition	On September 22, 2016, the Board of Supervisors authorized staff to finalize negotiations with Springfield East L.C. for a written contract in the amount of \$5,475,000 for development, construction and purchase of a turnkey Commuter Parking Lot on the property designated as Lot 1, Section 1 Village at Leesburg.	Acquisition of land anticipated by Summer 2017.	Summer 2017	0%
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 Acquisition Construction	This is a design build project being administered by VDOT. Contract was awarded to Dewberry Shirley and notice to proceed was issued in October 2015. A ground breaking ceremony was held on September 27, 2016 for this project. VDOT held a "Pardon Our Dust" meeting on October 27, 2016 to inform the public about the construction schedule	December 2018	December 2018	85%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund withdrawn as of 10/30/16
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	30% plans have been completed, and a public design hearing was held on 6/23/2015. 60% design plans were submitted on 6/29/2015. Currently coordinating utility relocation with utility companies; 90% design plans were submitted to B&D and VDOT on April 6, 2016. The project engineer is addressing 90% construction plan comments. All easement and dedication plats have been submitted to Loudoun County Building & Development for review; comments have been issued and are being address.	February 2018	February 2018	0%
Loudoun County	Acquisition of Four Buses – Add additional bus capacity in peak commuter periods to connect new park and ride lots in Loudoun County to the Silver Line of Metro.	\$1,860,000 (FY2015-16)	Asset Acquisition	4 Gillig Transit Buses have been ordered and are expected to be delivered in December 2016.	Winter 2016	Winter 2016	0%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund withdrawn as of 10/30/16
Loudoun County	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)	Construction	Project is administered by VDOT as a Design Build contract. Dewberry prepared the final design; Shirley Contracting has begun construction at the intersection of Loudoun County Parkway and Route 606. One lane of Route 606/Loudoun County Pkwy intersection scheduled to open in September 2017, two lanes to open by December 2017; two lanes of Route 606 between the Greenway and Commerce Center Court will open in December 2017; the remainder of the road improvements completed August 2018. VDOT has prepared a Standard Project Administration Agreement to capture the Loudoun County Parkway related charges that are being constructed as part of the Route 606 widening project.	Fall 2018	Fall 2018	0%
Prince William County	Route 1 Widening from Featherstone Road to Marys Way – Widen Route 1 from a 4 lane undivided highway to a 6 lane divided highway; including a multi-use trail on the west side and a sidewalk on the east side.	\$3,000,000 (FY2014)	Design	The roadway design activities have been started. NEPA Report approved by VDOT/FHWA in October 2016.	Construction advertisement Winter 2017.	Design October 2017.	32.6%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund withdrawn as of 10/30/16
	Route 1 Widening from Featherstone Road to Marys Way - 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 multimodal trail and a five foot wide sidewalk along the sides of the route.	\$49,400,000 (FY2015-16)	Design ROW Acquisition Construction	Public Hearing Plans submitted to VDOT in June 2016. Construction to begin in January 2018. There are approximately 73 parcels impacted with 17 properties with possible major impacts, 10 parcels with total takes, and 7 probable total takes. Design public hearing to be held on November 16, 2016 at 6PM at Fred Lynn MS.	April 2021	April 2021	0%
Prince William County	Route 28 Widening from Linton Hall Road to Fitzwater Drive -- Widen from a 2 lane undivided roadway to a 4 lane divided highway. Project includes the construction of a multi-use trail on the south side and a sidewalk on the north side.	\$28,000,000 (FY2014)	Engineering ROW Acquisition Construction	ROW appraisals and negotiations are complete. Utility relocation to be completed by fall 2016. All utilities, plans and estimates have been approved. Project to be bid together with Vint Hill Road Extension project and Route 28 Widening from Route 234 Bypass to Linton Hall Road project.	August 2019	August 2019	0%
Prince William County	Route 28 Widening from Route 234 Bypass to Linton Hall Road - Widen approximately 1.5 miles of Route 28 from a 4 lane undivided highway to a 6 lane divided highway, which will include a multi-use trail and sidewalk.	\$16,700,000 (FY2015-16)	Design ROW Acquisition Construction	Scoping documentation began in early 2016 and construction to start in spring 2018. Project to be bid together with Vint Hill Road Extension project and Route 28 Widening from Linton Hall Road to Fitzwater Drive project.	September 2020	September 2020	0%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund withdrawn as of 10/30/16
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	Consultant (JMT) has been procured. Staff meetings were conducted in September and October. Steering committee meeting will follow no later than January 2017. Traffic analysis and travel demand modeling are underway.	Location study (phase 1 of the overall study) to be completed early by 2017	Location study (phase 1 of the overall study) to be completed by early 2017	0%
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	The Records of Decision (ROD) were issued on Oct 31 and Nov 1, 2016. The design-build RFP is expected to be released in fall 2016.	Expected to open by year-end 2020.	2017	44.8%
	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	Conceptual design of the station began in fall 2015. Design-build package being prepared for advertisement of the contract by WMATA in fall 2016.	2020	2017	0%

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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)	Asset Acquisition	Preconstruction meeting was held on June 16, 2016. Notice to proceed was given to Russell Gage Corporation on June 16, 2016. Contractor has submitted a construction schedule and all submittals. All submittals have been reviewed and commented upon. Fabrication of the bus shelters has begun. Contractor anticipates breaking ground at first shelter in December 2016.	September 2018	September 2018	0%
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	A contract was awarded to Kettelson & Associates for the engineering and design of the project.	Summer 2018	Summer 2018	0%
City of Alexandria	Duke Street Transit Signal Priority - Includes design, install and implementation of a transit vehicle signal priority system (on board system on DASH and field equipment along the route) on Duke Street.	\$190,000 (FY2015-16)	Construction	A contract was awarded to Kettelson & Associates for the engineering and design of the project.	Summer 2018	Summer 2018	0%
City of Alexandria	West End Transitway (WET) - Will provide frequent, reliable transit service connecting major activities. The WET will connect to two metro stations (Van Dorn, Pentagon), major employment centers (Pentagon, Mark Center), and major transit nodes (Landmark Mall, Southern Towers, and Shirlington Transit Center).	\$2,400,000 (FY2015-16)	Design, Construction	FONSI is expected in spring 2017. RFP for project design (bridging documents) was advertised in September. 2016.	2021	2019	0%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund withdrawn as of 10/30/16
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 Acquisition, Construction	NTP for construction was issued on September 19, 2016.	2018	2018	47.5%
	Chain Bridge Road Widening/Improvements from Route 29/50 to Eaton Place “Northfax” – Widens Route 123 (Chain Bridge Road) to 6 lanes, improves the lane alignments of the roadway approaches for the intersection of Route 29/50 (Fairfax Boulevard) at Route 123 and improves pedestrian accommodations at all legs of the intersection. Includes extensive culvert improvements to eliminate roadway flooding caused by the inadequate culvert under Route 123.	\$10,000,000 (FY2015-16)	Construction	NTP for construction was issued on September 19, 2016.	2018	2018	0%

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City of Fairfax	Kamp Washington Intersection Improvements – Eliminates the existing substandard lane shift between Route 50 and Route 236 through the intersection; signalization phasing improvements; construction of an additional southbound lane on U.S 29 from the Kamp Washington (50/29/236) intersection to the existing third southbound lane; extension of the westbound through lanes on VA 236 (Main Street) from Chestnut Street to Hallman Street; lengthening of turn lanes to provide additional storage for turning vehicles from Route 50 to Route 50/29 and Route 236 to Route 29; new crosswalks, curb ramps, sidewalks and pedestrian signalization; and replacement of span-wire signals with mast arm signals.	\$1,000,000 (FY2015-16)	Construction	Construction began in December 2015. Project is under construction.	April 2017	April 2017	0%
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	Construction of five shelters complete. Easement acquisition is on-going with construction of four to six shelters in spring 2017.	Summer 2017	Summer 2017	76.1%

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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	100% design completed. Finalizing utility undergrounding plans. Right of way negotiations for utility undergrounding underway.	Summer 2017	Summer 2017	16.5%
City of Falls Church	Pedestrian Bridge Providing Safe Access to the East Falls Church Metro Station – Includes the expansion of an existing bridge on Van Buren Street to include a segregated pedestrian area. The existing bridge lacks such a facility and requires pedestrians to detour onto the pavement in order to access the Metro Station.	\$300,000 (FY2014)	Design Construction	90% design completed. Final plans anticipated in early 2017. Right of Way completed. Easement needs being coordinated with Arlington County.	Early 2017	Early 2017	65%
City of Manassas	Route 28 Widening South to City Limits – Includes widening Route 28 from 4 lanes to 6 lanes from Godwin Drive in Manassas City to the southern city/Prince William County limits. This project also adds a dual left turn lane on north bound Route 28 to serve Godwin Drive. The project eliminates a merge/weave problem that occurs as travelers exit the 234 bypass and attempt to cross 2 lanes to access Godwin Drive. Signalization improvements are included.	\$3,294,000 (FY2015-16)	Engineering ROW Acquisition Construction	PE phase is ongoing. PE plans at 75%. Seeking Public Hearing approval from the State.	October 2019	October 2019	0%

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Town of Dumfries UPC 90339	Widen Route 1 (Fraley Boulevard) Brady's Hill Road to Route 234 (Dumfries Road) - This project will complete the Northern segment of a Prince William County funded project (VDOT's Route 1 / Route 619) and will allow local traffic to travel to and from Quantico / Stafford to the Route 234 interchange and communities along the Route 1 corridor. This project will bring northbound and southbound Route 1 onto the same alignment by widening Route 1 NB from 2 lanes to 6 lanes, with a wide curb lane for on-road bicycle use and a sidewalk and multi-use trail for pedestrians and other modes. It includes replacing the bridge over Quantico Creek.	\$6,900,000 (FY2015-16)	Engineering	The full six lane design concept will be developed to 30% level by Spring 2017 and then VDOT and Town of Dumfries will decide on whether public outreach should be pursued based on the prospect of right of way acquisition funding becoming available and the likely timeline for that.	FY2025	FY2018	0.3%
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	Right of way acquisition for new sidewalk connectivity and improvements. ROW acquisition is being completed to accommodate retaining/sound wall that allows for an ADA 5' sidewalk construction.	Highway capacity improvements completed November 2014. Sidewalk improvements expected in mid-2017.	Early 2017	40.1%
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	Procurement approved and awarded in February 2015. Project is in design.	Expected in 2018, prior to the opening of Dulles Metrorail Phase II.	2018	0%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund withdrawn as of 10/30/16
Town of Herndon	Access Improvements (Silver Line Phase II – Herndon Metrorail Station) – Provides additional vehicle and bus pull-off bays and major intersection improvements to include ADA accessible streetscape, paver crosswalks, bike-pedestrian signalization, refuge media islands and bus shelter/transit facilities.	\$1,100,000 (FY2014)	Engineering ROW Acquisition Construction	Procurement approved and awarded in March 2015. Engineering underway at 30%. Design ROW acquisition/street dedication is to begin in early 2017 to be ready for construction in 2019.	Expected in 2018, prior to the opening of Dulles Metrorail Phase II.	2018	0%
Town of Herndon	East Elden Street Improvement & Widening - Widen and reconstruct East Elden Street from 4 to 6 lanes with a raised landscaped median between Fairfax County Parkway and Herndon Parkway; continue as a 4-lane section with a raised landscaped median and dedicated turning lanes between Herndon Parkway and Van Buren Street; transition to a 2-lane section with left-turn lanes between Van Buren and Monroe Street. The project will be ADA accessible to include pedestrian/audio signalization, crosswalk enhancements and bus stop improvements at select major intersections as well as proposed bike lanes along the length of the project.	\$10,400,000 (FY2015-16)	ROW, Utilities	VDOT's Environmental review completed and Preliminary Field Inspection completed. 35% Design is completed. Utility duct-bank design advanced to 30% design. VDOT's Location and Design Public Hearing was held on October 27, 2016.	Project advertisement 2021	December 2018	0%

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Town of Leesburg UPC 89890	Edwards Ferry Road and Route 15 Leesburg Bypass Grade Separated Interchange (Continuation) - The project consists of development of a new grade-separated interchange on Edwards Ferry Road at the Route 15 Leesburg Bypass. The existing signalized at-grade intersection at this location is heavily congested.	\$1,000,000 (FY2015-16)	Design	Interchange Justification Report Traffic Framework document was approved on 7/14/16. Traffic modeling, NEPA document scoping review, and preliminary alternatives preparation are underway and expected to complete in 6 months. Next public meeting in February 2017.	Design approval expected in Summer 2017.	Design approval expected in summer 2017.	0%
Town of Leesburg UPC 106573	Route 7 East Market Street and Battlefield Parkway Interchange - Improve safety and pedestrian/vehicle flow by building a grade-separated interchange which will allow Route 7 to become a limited-access freeway through the Town of Leesburg	\$13,000,000 (FY2015-16)	Design	VDOT Project scoping meeting held on September 14, 2016. Continuing traffic analysis including development of the existing conditions VISSIM model, conducting additional travel time runs and queuing observations, and responded to IJR framework document comments. The IJR framework document has been resubmitted for review and approval. Continuing to develop alternative interchange configurations.	2020	2018	15.4%
Northern Virginia Transportation Commission	Transit Alternatives Analysis (Route 7 Corridor Fairfax County/Falls Church/Arlington County/Alexandria) – Corridor study to study transit options on Route 7.	\$838,000 (FY2014)	Planning for Phase 2 of Study	Commission approved the recommendations at the July 7, 2016 meeting. Final report is being reviewed.	Expected completion December 2016.	December 2016.	94.6%

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Potomac and Rappahannock Transportation Commission	Western Maintenance Facility – New facility will alleviate overcrowding at PRTC's Transit Center (which was designed to accommodate 100 buses, but is currently home to over 166 buses) and to permit service expansion as envisioned and adopted in PRTC's long range plan.	\$16,500,000 (FY2015-16)	Construction Testing Inspection Oversight	Building Permit was approved by Prince William County on 2/5/2016. Building Permit has been extended through December 2016. Start of construction expected in Summer 2017.	Spring 2019	Spring 2019	0%
Virginia Department of Transportation	Route 28 Hot Spot Improvements (Loudoun Segment)/Area 1 – Loudoun segment of Route 28 improvements from Sterling Blvd. to the Dulles Toll Road.	\$12,400,000 (FY2014)	Construction Contract Admin.	ROW acquisition, storm water installation, clearing, and grubbing are complete. Completed shoulder between RT 606 and Innovation Ave. Installed light poles and foundations. Bio-retention pond and swale are completed. Completed surface asphalt from Waxpool Road to South of Sterling Blvd; Installed guardrail and permanent pavement markings from Waxpool Road to the Dulles Toll Road.	Summer 2017	Summer 2017	72.2%
Virginia Department of Transportation	Route 28 Widening Dulles Toll Road to Route 50/Area 2 – Widen Route 28 from 3 to 4 lanes Southbound from Dulles Toll Road to Route 50.	\$20,000,000 (FY2014)	Construction Contract Admin.	ROW acquisition and clearing within existing ROW are complete. Construction of double box culvert extension south of Dulles Toll Road is complete. Placed aggregate subbase and asphalt as well as graded shoulder stone in median between Dulles Toll Road and Frying Pan Road. Roadway work going on.	Summer 2017	Summer 2017	36.3%

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Virginia Department of Transportation	Route 28 Widening McLearen Road to Dulles Toll Road/Area 3 – Widen Route 28 from 3 to 4 lanes Northbound from McLearen Road to Dulles Toll Road.	\$11,100,000 (FY2014)	Construction Contract Admin.	Completed intermediate asphalt from Frying Pan Road to Dulles Toll Road. Performed cut to fill operations at Frying Pan Road interchange. Placed CTA and base asphalt between McLearen Road and Frying Pan Road. Placed shoulder stone between McLearen Road and Frying Pan Road. Installed Overhead Signs #5 and #10.	Summer 2017	Summer 2017	39.1%
Virginia Railway Express	Alexandria Station Tunnel – Includes a pedestrian tunnel connection between Alexandria Union Station/VRE Station and the King Street Metrorail Station, as well as the improvement of the VRE station east side platform to enable it to service trains on both sides.	\$1,300,000 (FY2014)	Construction	Project cost increase has required a search for new sources of funds for construction. Design on hold until construction funding identified. Once funding identified, new schedule will be developed.	Fall 2017	Fall 2017	0%
Virginia Railway Express	Gainesville to Haymarket Extension – Corridor study and preliminary engineering development of an 11-mile VRE extension from Manassas to Gainesville-Haymarket.	\$1,500,000 (FY2014)	Planning Project Development Conceptual Design	Final ridership and cost estimates are being refined. Alternatives Evaluation Report is under development.	Fall 2017	Fall 2017	36.2%

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Virginia Railway Express	Lorton Station Second Platform – Includes final design and construction of a 650 foot second platform at the VRE Lorton Station in Fairfax County to accommodate trains up to 8 cars in length.	\$7,900,000 (FY2014)	Final Design Construction	Preliminary Scope and Schedule Discussion 8/2/2016. NTP issued 8/4/2016 effective 8/5/2016. 24 month anticipated Preliminary Engineering and NEPA Schedule. 12 month Final Design Schedule. Some concurrency possible. Construction is anticipated no earlier than spring 2018. Scheduling Field Work in conjunction with weekly coordination with DC2RVA efforts.	Summer 2019	Summer 2019	0%
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	Contract was awarded at June 2016 VRE Board Meeting. NTP has been issued. The City Council endorsed VRE's recommended site on November 15, 2016. The Alternatives Analysis task will be completed in Dec 2016, and start PE/NEPA in 2017.	Fall 2017	Fall 2017	0%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund withdrawn as of 10/30/16
Virginia Railway Express	Franconia-Springfield Platform Expansion - Design and construction to extend the existing north-side (Metro station side) platform by up to 550 feet to allow the north-side platform at the station to be usable by VRE trains on a regular basis. It also includes design and construction of modifications to the south-side platform at the station.	\$13,000,000 (FY2015-16)	Design Construction	Preliminary Scope and Schedule Discussion 8/2/2016. NTP issued 8/4/2016 effective 8/5/2016. 24 month anticipated Preliminary Engineering and NEPA Schedule. 12 month Final Design Schedule. Some concurrency possible. Construction is anticipated no earlier than spring 2018. Scheduling Field Work in conjunction with weekly coordination with DC2RVA efforts.	Summer 2019	Summer 2019	0%
Virginia Railway Express	Rippon Station Expansion and Second Platform - Includes NEPA, design and construction to modify the existing platform and add a second platform at the station to service trains up to 8 cars long. An elevator will also be constructed to get passengers to the new platform.	\$10,000,000 (FY2015-16)	NEPA Design Construction	Preliminary Scope and Schedule Discussion 8/2/2016. NTP issued 8/4/2016 effective 8/5/2016. 24 month anticipated Preliminary Engineering and NEPA Schedule. 12 month Final Design Schedule. Some concurrency possible. Construction is anticipated no earlier than spring 2019. Scheduling Field Work in conjunction with weekly coordination with DC2RVA efforts.	Summer 2019	Summer 2019	0%

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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	Final design by CSXT began in July 2016 and construction planned to begin in January 2017. All work to be done by CSXT forces.	Summer 2017	Summer 2017	0%
Virginia Railway Express	Crystal City Platform Extension Study - Includes planning and engineering investigations to evaluate the short- and long-term expansion potential of the VRE Crystal City station to alleviate existing crowding and accommodate future service expansion and bi-directional service.	\$400,000 (FY2015-16)	Planning Engineering Studies	VRE Operations Board authorized RFP for consultant services in February 2016. Task Order under development. Contract award estimated December 2016.	Fall 2017	Fall 2017	0%
Washington Metropolitan Transit Authority	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.	Invitation for Bid (IFB) was released 10/20/2015, bids were received 12/9/2015. Procurement determined the bid package must be resolicited. Contract was re-advertised on 3/4/2016 and second round of bids were received 3/18/2016. Contract NTP issued on 10/21/2016.	Projected Contract Close- out March 2018	March 2018	2%