

## NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

### MEMORANDUM

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

**FROM:** Monica Backmon, Executive Director

**DATE:** January 6, 2017

**SUBJECT:** Executive Director's Report

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1. **Purpose:** To inform the Northern Virginia Transportation Authority (NVTA) of items of interest not addressed in other agenda items.
2. **Northern Virginia Delegation Tour of Transportation Projects & Challenges.** On Thursday, January 5, 2017, Senator Marsden and Delegate Watts hosted a tour of transportation projects in Northern Virginia. The purpose of the tour was to visit some of the regional projects funded through HB 2313 and the Smart Scale Process. Staff from the NVTA, the Secretary's office, VDOT, DRPT and NVTC were on hand to discuss applicable projects.
3. **I-66/Route 28 Interchange Project** — The Authority adopted the FY2017 Program on July 14, 2016. Twelve regionally significant projects were adopted in this program including the I-66/Route 28 Interchange Project.

On Thursday, November 3, 2016, Governance McAuliffe announced that Express Mobility Partners, a consortium of Cintra, Meridiam, Ferrovial Agroman US and Allan Myers VA, Inc., was selected to construct the I-66 Outside the Beltway project with no public funds needed as part of the prospective agreement. Since the I-66/Route 28 Interchange project is a component of the I-66 Outside the Beltway Project, NVTA funding for the interchange may no longer be required, which means a Standard Project Agreement as required for this project under the provisions of Policy 16 would be premature. See attached letter from Ms. Cuervo, VDOT Northern Virginia District Engineer, requesting the requirement for an SPA be deferred until July 2017.

A future recommendation from the Finance Committee to potentially cancel the project would be initially contingent on the Commonwealth and Express Mobility partners successfully reaching contract and financial close on their project.

#### 4. NVTA Standing Committee Meetings

- **Finance Committee:** The NVTA Finance Committee will meet on Thursday, February 16, 2017 at 1:00pm.

- **Planning and Programming Committee:** The NVTa Planning and Programming Committee will meet on Monday, January 30, 2017 at 10:00am.
- **Governance and Personnel Committee:** The Governance and Personnel Committee will meet on Thursday, January 12, 2017 at 6:00pm.

**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 meeting schedule for Wednesday, January 18, 2017 at 7:00pm.

**Attachments:**

- A. I-66/Route 28 Interchange Letter
- B. FY2014-2017 NVTa Regional Projects Status



## COMMONWEALTH of VIRGINIA

### DEPARTMENT OF TRANSPORTATION

CHARLES A. KILPATRICK, P.E.  
COMMISSIONER

4975 Alliance Drive  
Fairfax, VA 22030

December 9, 2016

Monica Backmon, Executive Director  
Northern Virginia Transportation Authority  
3040 Williams Drive, Suite 200  
Fairfax, Virginia 22031

Dear Ms. Backmon:

The Virginia Department of Transportation (VDOT) would like to thank Northern Virginia Transportation Authority (NVTA) for the continuous focus on improving transportation in Northern Virginia. NVTA's commitment to work together to solve the region's transportation challenges was evidenced by the \$300 million allocation from the NVTA's FY2017 plan to reconstruct the I-66/Route 28 interchange; an important component of the Transform 66 (Outside the Beltway) project.

On November 3, 2016, Governor McAuliffe announced that the Commonwealth had selected Express Mobility Partners (EMP) as a potential partner for the implementation of the Transform 66 Outside the Beltway project. The proposed deal anticipates that no public investment will need to be provided to EMP to implement and operate the project.

The Commonwealth executed the Commercial Agreement with EMP on December 8, 2016. This is an important milestone toward delivering this significant improvement in the Northern Virginia Region. However, the Financial Agreement is not anticipated to be executed until July 2017, at which point we will have final and detailed information on the project's financial needs.

This letter is to request that the NVTA retain the \$300 million allocation for the I-66/Route 28 interchange until the Financial Agreement with EMP is executed. Understanding that the NVTA's policy is to have a Standard Project Agreement (SPA) executed within six months of a project allocation—January 2017 for the NVTA's FY2017 plan, the Department requests a time extension to execute the SPA (only in the unlikely event that a SPA is needed) until after the Financial Agreement with Express Mobility Partners has been executed in July 2017. Please don't hesitate to contact me should you have any questions related to this project.

Sincerely,

A handwritten signature in dark ink, appearing to read "Helen Cuervo".

Helen Cuervo, P.E.  
District Administrator



## NVTA FY2014-17 Program Project Status

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund reimbursed as of 12/30/16
Arlington County	<b>Boundary Channel Drive Interchange</b> – 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	<b>Columbia Pike Multimodal Improvement</b> – 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 April 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 was approved by the County Board in November 2016.	Summer 2019	Summer 2019	0%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund reimbursed as of 12/30/16
Arlington County	<b>Columbia Pike Multimodal Street Improvements (East End)</b> – 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 2015. 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 March 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	<b>Crystal City Multimodal Center</b> – 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 was mostly completed in December 2016 at the same time as an adjacent County project. Lighting and signage needs to be completed.	February 2017	February 2017 for "significant completion." Punch list items to be completed in Spring. Close-out in late spring 2017.	42.4%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund reimbursed as of 12/30/16
Arlington County	<b>Ballston-MU Metrorail Station West Entrance</b> – 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	<b>Glebe Road Corridor Intelligent Transportation System Improvements</b> – 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 reimbursed as of 12/30/16
Arlington County	<b>NEW! Lee highway Corridor ITS Enhancements –</b> The project proposes to address congestion, safety, and transit issues by installing an Intelligent Transportation System (ITS) and corresponding Adaptive Traffic Control System program, to better manage traffic flow for both automobiles and buses. The project will install additional Bluetooth devices, count stations, CCTV cameras, and Forward Looking Infrared (FLIR) detectors in order to monitor traffic flow and safety of all modes. At the interchange of Lee Highway and I-66, the project will upgrade two signals, providing a better-timed connection between I-66 and Lee Highway. The project will also upgrade existing mast arm signals and add or improve existing streetlights along Lee Highway.	\$3,000,000 (FY2017)	Design, PE, ROW, Construction	System Engineering and Design to begin early in calendar year 2017.	June 2020	June 2020	0%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund reimbursed as of 12/30/16
Arlington County	<b>NEW! Crystal City Streets:</b> 12 <sup>th</sup> Street Transitway, Clark/Bell Realignment & Intersection Improvements – The goal is to streamline the existing road network, make movements for all modes of transportation more efficient, create new connections to the street grid network, and to construct an extension of the Crystal City-Potomac Yard (CCPY) Transitway. It includes reconfiguring the street between South Eads Street and South Clark Street to provide exclusive transit lanes, reconfigure and realign a segment of Clark Street with Bell Street, and the intersection improvements around 23rd Street South and US-1 will simplify the design of three closely-spaced intersections that are confusing and inefficient for all modes.	\$11,600,000 (FY2017)	Design, PE, ROW, Construction	Design and engineering work to begin in Fall 2017.	June 2020	June 2020	0%
Fairfax County	<b>Innovation Metrorail Station</b> – 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	87.7%



Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund reimbursed as of 12/30/16
	<b>Innovation Metrorail Station (Continuation)</b> - 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	<b>West Ox Bus Garage</b> - 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.	September 2017	September 2017	15.4%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund reimbursed as of 12/30/16
Fairfax County	<b>VA Route 28 Widening – Prince William County Line to Route 29</b> - 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 March/April 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. NTP for Phase II Geotechnical work issued on 12/21/16.	2020	February 2018	26.5%
Fairfax County	<b>Fairfax County Parkway Improvements</b> – 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. Traffic counts completed in Nov 2016. VDOT is expected to award the contract and start the project soon.	2022	2018	0%

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Fairfax County	<b>Rolling Road Widening</b> – 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 completed. Project Public Hearing anticipated in early 2017.	2018	Summer 2017	0%
Fairfax County	<b>Frontier Drive Extension</b> - 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%

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Fairfax County/ Virginia Department of Transportation UPC 82135	<b>Route 7 Bridge over Dulles Toll Road</b> - 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	ROW Acquisitions and Utility relocations are ongoing. Existing piers are being widened to replace the full superstructure. Construction of three underpasses and two overpasses along shared-use paths is underway. Final design for the roadway is underway; Lighting plans along the roadway under review by MWAA, Fairfax County and VDOT. Westbound roadway traffic switched on new bridge in between two existing Route-7 bridges over DATR on December 22, 2016.	Spring 2018	Spring 2017	66.7%
Loudoun County	<b>Leesburg Park and Ride –</b> 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%

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Loudoun County	<b>Belmont Ridge Road (North)</b> – 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. Right-of-Way (ROW) acquisition, clearing and grubbing, erosion and sediment control measures installation, and earthwork activities are underway. Installation of signage and temporary concrete barrier commenced.	December 2018	December 2018 (Full payment made to VDOT)	100%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund reimbursed as of 12/30/16
Loudoun County	<b>Belmont Ridge Road - Truro Parish Road to Croson Ln</b> – 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	100% design plans were submitted to Building & Development and VDOT on November 30, 2016. Coordination of utility relocation designs with Dominion Virginia Power, Verizon, and adjacent property owners continues. DTCI and its consultant, Dewberry, are also working to finalize the dedication and easement plats. Completion of the design phase is delayed from Fall 2016 to Spring 2017 due to Dominion Virginia Power and Verizon relocation coordination.	February 2018	February 2018	0%
Loudoun County	<b>Acquisition of Four Buses</b> – 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 Early 2017. Delay is due to some mechanical problems identified.	Winter 2016	Winter 2016	0%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund reimbursed as of 12/30/16
Loudoun County	<b>Loudoun County Parkway (VA Route 607) – U.S. 50 to Creighton Rd</b> – 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	A portion of the 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; this agreement will be presented to the Board of Supervisors on January 19, 2017.	Fall 2018	Fall 2018	0.4%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund reimbursed as of 12/30/16
Prince William County	<b>Route 1 Widening from Featherstone Road to Marys Way</b> – 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. Final Geotechnical and Traffic Reports submitted to VDOT in December 2016.	Construction advertisement Winter 2017.	Design October 2017.	32.6%
	<b>Route 1 Widening from Featherstone Road to Marys Way (continuation)</b> - 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	Construction to begin in January 2018. There are approximately 73 parcels impacted with 12 properties with possible major impacts. Design public hearing held in November 2016. Duct bank construction and utility relocations to occur in 2018.	April 2021	April 2021	0%
	<b>NEW! Route 1 Widening from Featherstone Road to Marys Way (continuation)</b> - Widening of Route 1 from a 4 lane undivided highway to a 6 lane divided highway and add a five foot wide sidewalk on the east side of the highway and a ten foot wide multi-use trail on the west side.	\$11,000,000 (FY2017)	Construction	Continuation of the FY2014 and FY2015-16 projects above.	April 2021	April 2021	0%



Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund reimbursed as of 12/30/16
Prince William County	<b>Route 28 Widening from Linton Hall Road to Fitzwater Drive --</b> 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 January 2017. Project bid together with Vint Hill Road Extension project and Route 28 Widening from Route 234 Bypass to Linton Hall Road project. Price proposals due January 24, 2017.	August 2019	August 2019	0%
Prince William County	<b>Route 28 Widening from Route 234 Bypass to Linton Hall Road</b> - 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	Construction to start in spring 2018. Project bid together with Vint Hill Road Extension project and Route 28 Widening from Linton Hall Road to Fitzwater Drive project. Price proposals due January 24, 2017.	September 2020	September 2020	0%
	<b>NEW! Route 28 Widening from Route 234 Bypass to Linton Hall Road (continuation)</b> - Widen approximately 1.5 miles of Route 28 from a 4 lane undivided highway to a 6 lane divided highway, which will include a multi-use trail and sidewalk.	\$10,000,000 (FY2017)	Construction	Continuation of the FY2015-16 project above.	September 2020	September 2020	0%
City of Manassas/Prince William County	<b>Route 28 (Manassas Bypass) Study – Godwin Drive Extended</b> - 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%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund reimbursed as of 12/30/16
City of Alexandria	<b>Potomac Yard Metrorail Station EIS</b> – 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 (RODs) were issued on Oct 31 and Nov 1, 2016. The design-build RFP was issued on November 28, 2016. Contract award expected Summer 2017.	Expected to open by year-end 2020.	2017	44.8%
	<b>Potomac Yard Metrorail Station (continuation)</b> - 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. The design-build RFP was issued on November 28, 2016. Contract award expected Summer 2017.	2020	2017	0%
	<b>NEW! Potomac Yard Metrorail Station (continuation)</b> - Planning, design, and construction of a new Metrorail station and ancillary facilities at Potomac Yard along the existing Metrorail Blue and Yellow lines between the Ronald Reagan Washington National Airport Station and the Braddock Road Station.	\$66,000,000 (FY2017)	Design, PE, Construction (Design-Build)	Records of Decision were issued on Oct 31 and Nov 1, 2016. The design-build RFP was issued on November 28, 2016. Contract award expected Summer 2017.	2020	2020	0%
City of Alexandria	<b>Shelters and Real Time Transit Information for DASH/WMATA</b> – Constructs bus shelters and provides associated amenities such as real time information at high ridership stops.	\$450,000 (FY2014)	Asset Acquisition	Contractor broke ground on first shelter in December 2016. Second bus shelter expected to be installed in early January.	September 2018	September 2018	0%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund reimbursed as of 12/30/16
City of Alexandria	<b>Traffic Signal Upgrades/Transit Signal Priority</b> – 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	<b>Duke Street Transit Signal Priority</b> - 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	<b>West End Transitway (WET)</b> - 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%
City of Fairfax	<b>Chain Bridge Road Widening/Improvements from Route 29/50 to Eaton Place</b> – 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%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund reimbursed as of 12/30/16
	<b>Chain Bridge Road Widening/Improvements from Route 29/50 to Eaton Place “Northfax”</b> – 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%
City of Fairfax	<b>Kamp Washington Intersection Improvements</b> – 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%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund reimbursed as of 12/30/16
City of Falls Church	<b>Bus Stops Changes</b> – 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 six shelters complete. Easement acquisition is on-going with construction of four to six shelters in spring 2017.	Summer 2017	Summer 2017	98.1%
City of Falls Church	<b>Pedestrian Access to Transit</b> – 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 almost complete. Anticipated to begin utility undergrounding in Spring 2017. Coordination with Washington Gas and Dominion to resolve conflicts and coordinate separate projects in area is ongoing. This has delayed the completion.	Fall 2018	Fall 2018	16.5%
City of Falls Church	<b>Pedestrian Bridge Providing Safe Access to the East Falls Church Metro Station</b> – 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 in Spring 2017. Right of Way completed. Easement needs coordinated and completed with Arlington County.	Fall 2017	Fall 2017	65%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund reimbursed as of 12/30/16
City of Manassas	<b>Route 28 Widening South to City Limits</b> – 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%
Town of Dumfries UPC 90339	<b>Widen Route 1 (Fraleigh Boulevard) Brady's Hill Road to Route 234 (Dumfries Road)</b> - 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%

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Town of Herndon	<b>Intersection Improvements (Herndon Parkway/Sterling Road)</b> – 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	<b>Intersection Improvements (Herndon Parkway/Van Buren Street)</b> – 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%
Town of Herndon	<b>Access Improvements (Silver Line Phase II – Herndon Metrorail Station)</b> – 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%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund reimbursed as of 12/30/16
Town of Herndon	<b>East Elden Street Improvement &amp; Widening</b> - 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%
Town of Leesburg UPC 89890	<b>Edwards Ferry Road and Route 15 Leesburg Bypass Grade Separated Interchange (Continuation)</b> - 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%



Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund reimbursed as of 12/30/16
Town of Leesburg UPC 106573	<b>Route 7 East Market Street and Battlefield Parkway Interchange</b> - 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	Traffic analysis including development of the existing conditions VISSIM model, additional travel time runs and queuing observations, and responding to IJR framework document comments are underway. The IJR framework document has been resubmitted for review and approval. Continuing to develop alternative interchange configurations. A public meeting is anticipated in Spring 2017.	2020	2018	15.4%
	<b>NEW! Route 7 East Market Street and Battlefield Parkway Interchange (continuation)</b> - 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.	2020	2020	0%
Northern Virginia Transportation Commission	<b>Transit Alternatives Analysis (Route 7 Corridor Fairfax County/Falls Church/Arlington County/Alexandria)</b> – 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 January 2017.	January 2017	94.6%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund reimbursed as of 12/30/16
Potomac and Rappahannock Transportation Commission	<b>Western Maintenance Facility</b> – 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	<b>Route 28 Hot Spot Improvements (Loudoun Segment)/Area 1</b> – 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 Dulles Toll Road; Installed guardrail and permanent pavement markings from Waxpool Road to the Dulles Toll Road.	Summer 2017	Summer 2017	75%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund reimbursed as of 12/30/16
Virginia Department of Transportation	<b>Route 28 Widening Dulles Toll Road to Route 50/Area 2</b> – 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. Placed intermediate and surface asphalt in median between Dulles Toll Road and McLearen Road. Roadway work going on.	Summer 2017	Summer 2017	50.4%
Virginia Department of Transportation	<b>Route 28 Widening McLearen Road to Dulles Toll Road/Area 3</b> – Widen Route 28 from 3 to 4 lanes Northbound from McLearen Road to Dulles Toll Road.	\$11,100,000 (FY2014)	Construction Contract Admin.	Completed surface asphalt from Frying Pan Road to Dulles Toll Road. Performed cut to fill operations at Frying Pan Road interchange. Placed base and intermediate asphalt between McLearen Road and Frying Pan Road. Placed shoulder stone between McLearen Road and Frying Pan Road. Installed Overhead Signs #5 and #10. Placed and graded roadway subbase and shoulder stone at Frying Pan Road Interchange.	Summer 2017	Summer 2017	50.8%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund reimbursed as of 12/30/16
Virginia Railway Express	<b>Alexandria Station Tunnel</b> – 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	<b>Gainesville to Haymarket Extension</b> – 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	Phase I, planning and alternatives analyses, complete. Awaiting recommendation of alternative(s) to advance to Phase II, NEPA, and PE, from VRE Operations Board (expected Jan. 2017).	Fall 2017	Fall 2017	36.2%
Virginia Railway Express	<b>Lorton Station Second Platform</b> – 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%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund reimbursed as of 12/30/16
Virginia Railway Express	<b>Manassas Park Station Parking Expansion</b> - 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 Jan 2016, and start PE/NEPA in 2017.	Fall 2017	Fall 2017	0%
	<b>NEW! Manassas Park Station Parking Expansion (continuation)</b> - Planning and engineering investigations to expand parking and pedestrian connections at the VRE Manassas Park station.	\$2,000,000 (FY2017)	Design, PE, Environmental	Continuation of the FY2015-16 project above.	Construction completion in July 2020	Summer 2018	0%
Virginia Railway Express	<b>Franconia-Springfield Platform Expansion</b> - 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%

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)	Percentage fund reimbursed as of 12/30/16
Virginia Railway Express	<b>Rippon Station Expansion and Second Platform</b> - 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%
Virginia Railway Express	<b>Slaters Lane Crossover</b> - 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%

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Virginia Railway Express	<b>Crystal City Platform Extension Study</b> - 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. NTP awarded in December 2016.	Fall 2017	Fall 2017	0%
Washington Metropolitan Transit Authority	<b>8-Car Traction Upgrades</b> – 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 10/26/2016. Site Surveys have been conducted for the NVTA locations and currently the Contract is undergoing Submittal Approval Phase.	Projected Contract Close- out March 2018	March 2018	2%