

NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

MEMORANDUM

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

FROM: Monica Backmon, Executive Director

DATE: January 8, 2016

SUBJECT: Executive Director's Report

1. **Purpose:** To inform the Authority of items of interest not addressed in other agenda items.
2. **Policy Governing Electronic Participation in Meetings:** Under certain circumstances, where NVTa members are unable to be physically present at meetings, Virginia law permits members to participate in meetings through electronic means such as telephone and video conferencing. The law limits the instances in which this may occur, prescribes procedures that must be followed when a member participates in a meeting through electronic means, and requires that a written policy governing such participation be adopted. NVTa staff, in consultation with the Council of Counsels, is in the process of developing a draft policy and guidelines. It is anticipated that this policy will be presented for Authority consideration at the next meeting.
3. **MSWG:** The Interim Findings of the Multi Sector Working Group's Greenhouse Gas Reduction Strategy Analysis were presented to the COG Board in September 2015. Kanti Srikanth, Director of Transportation for the Transportation Planning Board (TPB), briefed the Authority on the interim findings at the September 24, 2015, Authority meeting. Subsequently, the COG Board established an Elected Official Policy Working Group to advise the COG Board on Multi-Sector Greenhouse Gas Consensus Recommendations. This Working Group met on January 7, 2016 and discussed the following:
 - a. Draft recommendations included in the interim report.
 - b. Developing consensus on which recommendations to take to the COG Board in February.
 - c. Consideration to refer draft recommendations to jurisdictional staff to determine if there are any missing recommendations/options for implementation.
 - d. Legal analysis of consideration of GHG goals into the Constrained Long-Range Plan (CLRP).

The MSWG COG Board Policy Working Group will update the COG Board at its February meeting.

The 13 member Elected Official Policy Group consists of 5 members each from Virginia and Maryland and 3 from the District of Columbia. The Virginia members of the Working Group are noted below:

Chairman Nohe
Chairman Bulova
Council Member Snyder
Board Member Fisette
Council Member Way

4. **CLRP:** Prior to the start of the January 20, 2016 TPB meeting, a work-session will be held with TPB members to discuss proposals to form a working group of the board to explore approaches for improving the performance of the CLRP and developing a methodology for ranking or evaluating proposed CLRP projects according to the goals of the Regional Transportation Priorities Plan (RTPP) and Region Forward. The meeting will be held from 10:30am-12:30pm.

NVTA staff and member jurisdictions are following this issue closely. Also, the Council of Counsels is reviewing any legal implications that could impact the Authority.

It is important to note that the Authority, via its project selection process, does the following:

- a. Utilizes a corridor-based project ranking system with scores assigned to multiple measures for each project, with each measure having its own weighting. This process was included in TransAction 2040-the region's long range transportation plan.
- b. Incorporates, as required by law, the HB 599 rating and evaluation process which uses a project rating system with scores assigned to seven measures for each project, with each measure having its own weighting to determine the congestion reduction capabilities of potential projects.

With the implementation of HB 2, Virginia localities seeking state revenues for projects must undergo the HB 2 prioritization process which also uses a project rating system with scores assigned to multiple measures in six categories (congestion reduction, economic development, accessibility, safety, environment and land use) for each project, with each category and measure having its own weighting.

As a regional partner, the NVTA coordinates with the TPB regarding its planning, programming and funding processes as evidenced by TPB staff being represented on the Regional Jurisdiction and Agency Coordinating Committee. Continued coordination is necessary to ensure that any implications are vetted accordingly.

5. **Strategic Plan:** NVTA staff is in the process of developing a 5-year Strategic Plan for the Authority. The Plan will address "What Does the Authority Want to be When it Grows Up." Staff anticipates holding work sessions with the Authority and its committees to develop

goals and strategies for implementation. Kick-off of the Strategic Plan development is scheduled for the spring.

- 6. SPA Workshop:** NVTa staff is in the process of scheduling a workshop on the NVTa Standard Project Agreement processes. The purpose of this workshop is to review the requirements of the SPAs and accompanying appendices. The SPA workshop will follow the model of the Annual Certification (30% Funding) workshop in which member locality input was sought on how to improve administrative processes. In addition to soliciting improvements, the workshop will also benefit attendees through an increased understanding of the requirements and processes through which the NVTa complies with HB 2313. The SPA workshop is planned to support the implementation of the first six year call for projects.
- 7. Status of FY2014-2016 Projects:** the Authority currently has 65 active projects (FY2014 Program and FY2015-2016 Program). Attached is the status of the projects.

Attachment: FY2014-2016 NVTa Regional Projects Status.



NVTA FY2014-16 Program Project Status

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)
Arlington County	Blue/Silver Line Mitigation – Purchase of four new transit buses to introduce Silver Line connecting service. Arlington Transit is using the four 19 passenger buses to enable additional capacity on the ART 43 Route between Crystal City, Rosslyn and Court House.	\$797,696 (FY2014)	Asset Acquisition Transit Technology Initiation of Service	Service initiated on March 31, 2014.	Complete March 2014.	
City of Fairfax	35' CUE Bus Acquisition – Replaces six of the City's CUE transit buses with larger buses that can hold additional passengers. The new buses will be 35 feet long and will provide additional capacity, holding 31 seated passengers and 51 standing.	\$3,000,000 (FY2015-16)	Asset Acquisition	Buses delivered in August 2015.	Complete August 2015	
Potomac and Rappahannock Transportation Commission	Gainesville New Service Bus – Funding to acquire one commuter bus for new PRTC Gainesville Service.	\$559,275 (FY2014)	Asset Acquisition	Delivery of bus in spring 2014.	Complete August 2015	
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 2018; construction of the local road that connects to the interchange (Long Bridge Drive) begins in Fiscal Year 2017.	By end of Calendar year 2018 (Long Bridge Drive) and by end of Calendar year 2020 (interchange)	2020
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 March 2016, with construction expected to be under way in early summer 2016.	Fall 2018	Fall 2018

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)
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. Final design will start by the end of 2015 or early 2016.	Start of construction in Fall 2017	Start of construction in Fall 2017
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, with expected completion in March 2016. A change in phasing order with another adjacent project will slightly delay the completion date	March 2016	March 2016
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 2015.	Start of construction in spring/summer 2018	Spring 2017
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 to begin in January 2016.	Start of construction in June 2017	Start of construction in June 2017

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)
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	Design is 99% complete. Construction is ongoing.	2020	2020
	NEW! 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	Design is 99% complete. Construction is ongoing.	2020	2020
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 process has started.	Start of construction in August 2015	Start of construction in August 2015
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	PE to start in December 2016, final design in June 2018, and construction in 2018.	2020	2018
Fairfax County	Connector Bus Service Expansion – Purchase of 12 buses for 2 new routes and improve service on 9 additional routes	\$6,000,000 (FY2015-16)	Asset Acquisition	Procurement process begins in September 2015.	2016	2016
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	Design work is expected to start in January 2016	2020	January 2017

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)
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 work is expected to start in November 2015	2018	Summer 2017
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	Consultant contract is expected to be executed in early 2016.	2020	Fall 2017
Fairfax County	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	Study phase started in 2015. PE expected to start in FY2016	2018	2016
Fairfax County/ Virginia Department of Transportation	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	Notice to Proceed to Design-Build team in July 2015.	Spring 2018	Spring 2018
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	Negotiations underway with the expectation that Board action could occur by December 2 nd .	Acquisition of land anticipated by end of 2015.	Winter of 2015
Loudoun County	LC Transit Buses – New transit buses to introduce Silver Line connecting service.	\$880,000 (FY2014)	Asset Acquisition	Buses have been ordered.	Anticipated delivery by May 2016.	May 2016

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)
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. The schedule calls for design completion over the winter and Spring (2015 – 2016) along with ROW acquisition with construction underway in 2016.	December 2018	December 2018
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 has been held.	February 2018	February 2018
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	Buses have been ordered.	Winter 2016	Winter 2016
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 is preparing the final design and Shirley will construct. The Loudoun County Parkway improvements are being phased with the completion of the widening of Rt. 606.	Fall 2017	Fall 2017
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. Design Waiver requests submitted to VDOT and under review.	Construction advertisement December 2018.	Design October 2016.

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)
	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	VDOT Preliminary Field Inspection Review will begin in January 2016 and construction in Spring 2017. There are approximately 82 parcels impacted with 15 properties with possible major impacts, 8 parcels with total takes, and 7 probable total takes.	August 2019	August 2019
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 relocation and re-alignment of Route 215 (Vint Hill Road) and construction of a multi-use trails on the south side and a sidewalk on the north side.	\$28,000,000 (FY2014)	Engineering ROW Acquisition Construction	ROW appraisals and negotiations are ongoing. Have agreements for 51 of the 56 properties. Utility relocation to be completed by Spring 2016. All utilities, plans and estimates are in and have been approved.	December 2017	December 2017
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	PE to begin in early spring 2016 and construction in Fall 2017.	Fall 2018	Fall 2018
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	Locally Preferred Alternative was decided on May 20, 2015, with a Record of Decision by Spring 2016.	Expected to open by year-end 2020.	January 2019
	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	Locally Preferred Alternative was decided on May 20, 2015, with a Record of Decision by Spring 2016.	2018	2017
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	A Bid was received in November 2015, which is being evaluated. Installation is expected to commence in winter to spring 2016.	September 2018	September 2018

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)
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	Procurement documents are in development. Design should be let out for bid by February 2016, with design beginning in spring 2016.	Winter 2016/2017	Winter 2016/2017
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	This project will fund the installation of TSP equipment on Duke Street after it has been designed by the FY2014 NVTA project.	2017	2017
City of Alexandria	DASH Bus Expansion – Five new hybrid buses to provide additional service and increased headways to regional activity centers, including BRAC-133 at Mark Center and VRE Station at King Street.	\$1,462,500 (FY2014)	Asset Acquisition	Buses have been delivered.	Buses delivered.	December 2015
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 June 2016	2019	2019
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	Utility relocations. Construction is expected to commence in spring 2016.	2018	2018

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)
	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	Utility relocations. Construction is expected to commence in spring 2016.	2018	2018
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 begins December 2015.	April 2017	April 2017
City of Fairfax	Jermantown Road/Route 50 Roadway Improvements – Addition of a third westbound lane along Route 50 (Fairfax Boulevard) (NHS) from Bevan Drive to Jermantown Road; widening of northbound Jermantown Road to allow for two through lanes adjacent to the left turn lane into the shopping center; geometric improvements to southbound Jermantown Road to provide a dual right turn lane, through lane, and left turn lane; and replacement of span-wire signals with mast arm signals.	\$1,000,000 (FY2015-16)	Construction	Construction began March 2015.	March 2016	March 2016

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)
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	Final engineering plans have been reviewed. Easement acquisition is on-going with construction of the shelters in the late spring of 2016.	Spring 2016	Spring 2016
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	Working on 65% design comments and starting 90% design. Utility undergrounding test pitting to be complete by end of November.	Summer 2017	Summer 2017
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	Working on 60% design. On track to receive 60% plans for review by the end of November.	Early 2017	Early 2017
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	Start of construction in April 2018.	October 2019	October 2019
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	Study to start in Spring 2016	Fall 2016	Fall 2016

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)
Town of Dumfries	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	Conceptual plan is being finalized for Citizen Information Meeting in January 2016. Construction to start in spring 2019	FY2021	FY2018
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.	Highway capacity improvements completed November 2014. Sidewalk improvements expected in early 2016.	Early 2016
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)	Engineering ROW Acquisition	Procurement approved and awarded in February 2015. Project is in design.	Expected in 2018, prior to the opening of Dulles Metrorail Phase II.	2018
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. ROW acquisition/street dedication is to begin in early 2016 to be ready for construction in 2018.	Expected in 2018, prior to the opening of Dulles Metrorail Phase II.	2018

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)
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	30% Design is completed.	2020	December 2018
Town of Leesburg	Edwards Ferry Road and Route 15 Leesburg Bypass Grade Separated Interchange – Development of a new grade separated interchange.	\$1,000,000 (FY2014)	Design Environmental	Survey work completed. Consultant procured awaiting NTP to start preliminary design.	Design approval expected May 2017.	May 2017
	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	This project will continue the work of the FY2014 project.	Construction to begin in 2022.	
Town of Leesburg	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	Preliminary design has just started	2020	2018
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	Preliminary demand forecast and cost estimates for different alternatives developed. Public outreach meetings planned for November. Will look into the funding/implementing strategies by year end.	Expected completion in March 2016.	March 2016.

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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 153 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	Plans submitted to Prince William County for review to obtain Building Permit. Pre-construction meeting was held with Prince William County's Building Development Department on October 8, 2015. Guaranteed Maximum Price (GMP) contract for construction was not approved by the Commission at its October 2015 meeting. Staff is evaluating options.	Summer 2017	Summer 2017
Virginia Department of Transportation	Route 28 Hot Spot Improvements (Loudoun Segment) – Loudoun segment of Route 28 improvements from Sterling Blvd. to the Dulles Toll Road.	\$12,400,000 (FY2014)	Construction Contract Admin.	Issued Notice to Proceed in January 2015. Project is in design and ROW phase. Substantial completion expected in winter 2016.	Summer 2017	Summer 2017
Virginia Department of Transportation	Route 28 Widening Dulles Toll Road to Route 50 – Widen Route 28 from 3 to 4 lanes Southbound from Dulles Toll Road to Route 50.	\$20,000,000 (FY2014)	Construction Contract Admin.	Issued Notice to Proceed in January 2015. Project is in design and ROW phase. Substantial completion expected in winter 2016.	Summer 2017	Summer 2017
Virginia Department of Transportation	Route 28 Widening McLearen Road to Dulles Toll Road – Widen Route 28 from 3 to 4 lanes Northbound from McLearen Road to Dulles Toll Road.	\$11,100,000 (FY2014)	Construction Contract Admin.	Issued Notice to Proceed in January 2015. Project is in design and ROW phase. Substantial completion expected in winter 2016.	Summer 2017	Summer 2017
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	Waiting for comments on 30% plans from VDOT Central office. 60% plans on hold pending utility issues and VDOT comments.	Fall 2017	Fall 2017

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)
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	Work underway on public involvement outreach, travel forecasts, conceptual engineering for railroad alignment and identification of station site alternatives. Public meeting and stakeholder committee meetings scheduled Nov. 6, 9 and 10, 2015.	Summer 2017	Summer 2017
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	PE to begin January 2016, final design in November 2016, and construction January 2018.	Summer 2019	Summer 2019
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	VRE Operations Board authorized RFP for consultant services in October 2015; RFP under development. Contract award estimated January 2016.	Fall 2016	Fall 2016
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	PE to begin January 2016, final design in November 2016, and construction in January 2018.	Summer 2019	Summer 2019
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	PE to begin January 2016, final design in November 2016, and construction in January 2018.	Summer 2019	Summer 2019

Jurisdiction/ Agency	Project Description	NVTA Funds	Phase(s) Funded	Status	Completion (Project)	Completion (NVTA funded Phases)
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 to begin in January 2016 and construction in June 2016.	Summer 2017	Summer 2017
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	RFP for consultant support being developed.	Fall 2016	Fall 2016
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.	Completed project planning, prepared contract documents, specifications and drawings. Procurement ready package is under review with counsel. Contractor is expected to be on board by late December 2015.	Projected Contract Close-out November 2016	November 2016