Prince William Board of County Supervisors Quarterly VDOT Briefing December 12, 2017

Projects Recently Completed/Under Construction

Route 646 Aden Rd. Bridge (Brentsville)

Bridge replacement over Norfolk Southern RR. Historic bridge will be rehabilitated and preserved.

- Citizen Information Meeting held 2011
- Section 106 Consultant Parties meetings held
- Option for parallel bridge for 1 lane capacity approved by county staff in 2012
- Public hearing held 2013.
- Right of Way acquisition and utility relocation began summer 2014
- Advertisement date shifted to March 2015 due to lengthy environmental process required for the historic bridge.
- Advertised in March 2015
- Emergency Road Closure implemented April 2015, detour in place
- Construction Started November 2015
- New Bridge opened to traffic in December
- Stakeholder meeting held in late March
- Amended MOA
- Plan revision complete
- Construction restart anticipated for early spring 2018

Route 1/123 Interchange (Woodbridge)

Construct grade separated interchange

- Prince William Co. got notice to proceed for RW acquisition August 2002.
- Termination agreement approved September 2007. VDOT took over administration.
- Public Hearing held March 2011
- Available funding for ultimate design, right-of-way acquisition and utility relocations.
- (cont'd)
- Construction will be phased. Phase-I Rte. 1 widening construction; Phase 2 Interchange.
- Right of Way Phase initiated fall 2012
- Utility relocations (aerial) underway
- PWC Board approved County funding to underground utilities.
- Phase I (Widening) of project advertised in September 2015.
- Project Awarded in February 2016
- Notice to Proceed occurred in April 2016
- Pardon Our Dust Meeting held in April 2016
- Construction activities continue
- Pile Driving has been completed for stage 1

- Day and Nighttime closures continue for underground utility installations
- Traffic switch to new northbound lanes should occur in the next few weeks

Route 616 Old Centreville Rd Bridge (Coles)

Major bridge rehabilitation at Bull Run

- · Design in progress.
- Pre-Advertisement Conference held June 2015
- Advertisement December 2015
- Received bids were higher than the normal range for award
- Re-advertised in fall of 2016
- Project completed in October 2017.

Route 234 & Stockbridge Drive Stormwater Management Pond Modification (Potomac)

Purpose is to modify pond

- Design started in Summer 2014.
- Field Inspection held Summer 2015
- 16" water main to be relocated with project, in plan
- Pre-advertisement Meeting September 2015
- Advertised in late January 2017
- Awarded in April 2017
- Project completed in September 2017

I-66 Park & Ride Haymarket (Gainesville)

Construct approx. 230 space lot in the northeast quadrant of I-66 & Route 15

- Preliminary design underway
- VDOT working with adjacent property owner and County staff on access road design/layout
- Advertised on July 7 as single phase low bid design build
- Awarded contract on October 24
- Kickoff Meeting to be held in early December
- Anticipated completion spring 2019

Projects Funded for Construction Advertisement

Route 234 Pedestrian Improvements (Potomac)

Construct sidewalk between Four Seasons Drive and 0.11 miles north of Four Season Drive

- Survey completed
- Utility designation and possible project conflicts being examined
- NEPA completed
- Scope complete
- Incorporated developer enhancements

- No right of way or Utility Conflicts identified
- Pre-advertisement conference held in April
- Final submission submitted in September
- Advertisement anticipated in December 2017

Route 638 Blackburn Road (Woodbridge)

Install Signal @ Rippon Boulevard

- Kick off meeting held, January 2016
- Survey completed
- Evaluating Utility Information
- Coordinating work with PWDOT parking lot paving
- Posting of Willingness February 2017
- Developing additional material based on comments received
- Public Meeting to be held on December 6

Route 1596 Williamson Boulevard (Gainesville)

Construct Turn Lane and Install Traffic Signal @ Stonehouse Drive

- Scoping Meeting held in February 2017
- Survey is underway
- PFI held in October 2017
- Anticipated posting of willingness in early 2018
- Advertisement date to be determined

Projects in Six Year Program without full Construction Funding

Rte. 234 Bypass/ Relocated Balls Ford Rd Interchange & Relocation (Gainesville)

Relocate and widen Balls Ford Rd to 4 lanes, construct interchange.

- RW acquired with Route 234 bypass, survey to be refreshed for future design
- SYIP funding: currently unfunded, pending HB2 Project Prioritization
- Funding not included in current scenario
- Submitted for SMARTSCALE, not among project selected for funding
- STARS (Strategically Targeted Affordable Roadway Solutions) study underway. VDOT/PW team working together on interchange concept

Rte. 234 Bypass Corridor - Concepts Evaluation (5 locations) (Brentsville and Coles Districts)

- Dumfries Rd/ Prince William Parkway interchange submitted for SMARTSCALE: not among projects selected for funding in 2016 or 2017.
- STARS study underway (appropriate intersection improvement types). Prince William Parkway Corridor intersections being evaluated: Sudley Manor Drive/ Wellington Road, University Blvd, Clover Hill Rd., Dumfries Rd/ Prince William Parkway

Route 1 Widening – (Potomac-Town of Dumfries)

Widen Route 1 (Fraley Blvd NB) from 2 to 6 lanes to serve two-way traffic with pedestrian/ bike facilities

- Approx. \$7.4M in allocations with approx. \$6.9M from NVTA
- VDOT completed main survey in advance of design. VDOT will administer design phase. Additional survey may be needed as the design develops.
- Based on recent field survey and previously completed NEPA Route 1 Corridor Location Study, VDOT is initiating evaluation and development of design concept to further define and limit property impacts.
- VDOT is developing the concept plan, a design consultant will be procured
- Town submitted for SMARTSCALE funding for full project, including RW and CN
- Not included in the scenario submitted to the CTB
- Design Underway, PFI on September 2017
- Review underway by Town, anticipated public meeting early 2018

Route 1/123 Interchange – Phase 2, Construct Interchange (Woodbridge)

Funded for PE and RW only.

- RW acquisition approaching completion
- SYIP funding: currently unfunded
- Submitted for SMARTSCALE
- Not included in the scenario submitted to the CTB

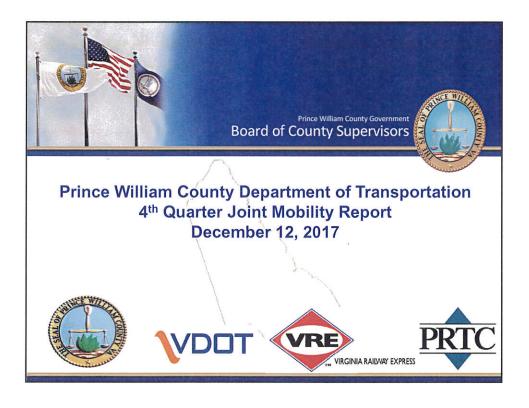
Procurement in Prince William County

Transform 66 – Outside the Beltway (Gainesville/Brentsville)

Study area from I-495 to Route 15 Environmental Study to identify current and future transportation needs along I-66, propose solutions and identify their environmental impacts.

- Scoping Meeting with other agencies held June 2011.
- Citizen Information Meetings held June 2011.
- Public meetings held fall 2011 and early 2012 to present the study's purpose and need, analyses, and obtain input on concepts developed.
- Public Hearings held March 2013
- RFI- Request for Interest from the public sector for transportation improvements was released June 2013.
- CTB approved advancement of 7 Tier 1 improvement concepts (for potential further consideration and to Tier 2) in May 2013
- Tier I Environmental Impact Statement (EIS) Record of Decision (ROD) issued November 2013
- Public Information Meetings held in January and February 2014 to discuss project status and advancement into Tier 2.

- Elected Official and joint kickoff meeting held in July 2014.
- Stakeholder Technical Advisory Group Meetings began in August 2014
- VDOT and DRPT hosted four Public Information Meetings held on January 28 and 29 and February 3 and 5, 2015, on plans to Transform I-66 Outside the Beltway. Preliminary plans and tentative project schedule were available; public input was sought
- VDOT and DRPT hosted four NEPA public hearings held on May 27 and 28; and June 2 and 3, 2015, on plans to Transform I-66 Outside the Beltway. NEPA information, preliminary plans and tentative project schedule were available
- VDOT and DRPT hosted three Public Information Meetings held on Oct. 19, 20, and 21 to discuss the preferred alternative and the proposed Phase I project.
- December 2015, the Commissioner determined that it is in the public's best interest to proceed with a DBFOM procurement method at this time.
- Three Public Hearings held May 23, 24, and 25 to discuss the HOV-2 to HOV-3 conversion, along with the major business terms of the P3 procurement.
- Tier 2 Environmental Assessment FONSI issues June 2016
- Private sector proposals received October 2016
- Express Mobility Partners, a consortium of Cintra, Meridiam, Ferrovial Agroman US, and Allan Myers VA, Inc., selected to finance, design, build, maintain and operate the project under the Public-Private Transportation Act.
- EMP is advancing geotechnical investigations, survey, and early design
- Design Public Hearing held November 13, 14 & 16.
- Construction start anticipated for late 2017



Burwell Road (Rural Rustic) Purpose: Pave Burwell Road from the existing to the Fauquier County line Updates: Modification of design task order was approved November 2017. Field survey is complete. Status: Under Design Construction advertisement – January 2018. Construction begins- February 2018.

Broad Run Station and Yard Improvements

Brentsville Magisterial District



Project Summary:

- Expand station and lengthen platform.
- Additional parking spaces.
- Expand train storage to house longer trains.
- Estimated Project Cost-\$56 million.

Related projects:

- Add 10 expansion coaches to lengthen VRE Manassas Line trains.
- Third main track on the Norfolk Southern Railway from the VRE Broad Run station to Grant Avenue in Manassas.



Quarterly Mobility Report | Tuesday, December 12, 2017







Discovery Boulevard Extension

Brentsville Magisterial District

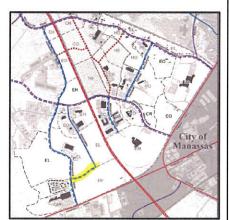
Purpose: Construct 2 lane roadway to Hornbaker Road

Updates:

- The traffic signal warrant analysis indicated that a signal is warranted at the Discovery Blvd/Hornbaker Road intersection.
- A design modification was submitted for additional traffic engineering services to incorporate signal work.

Status: Under Design

Construction award- Spring 2018.





Quarterly Mobility Report | Tuesday, December 12, 2017









Innovation Pedestrian Improvements

Brentsville Magisterial District



Updates:

 The sidewalk location was selected to avoid utility conflicts. The location of the sidewalk is adjacent to southbound Discovery Boulevard.

Status: Under Design

■ Construction award- May 2018.





Quarterly Mobility Report | Tuesday, December 12, 2017





PRTC Western Maintenance Facility

Brentsville Magisterial District

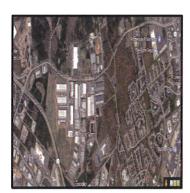


Updates:

- Awaiting financial close and approval of Concessionaire payment agreement for the I-66 Express Lanes.
- Release of previously awarded NVTA funds for facility construction is tied to the I-66 Express Lanes agreement. Financial close has been postponed several times.

Status: Under Design

 Once NVTA funds are released to PRTC Notice to Proceed will be issued to construction contractor.

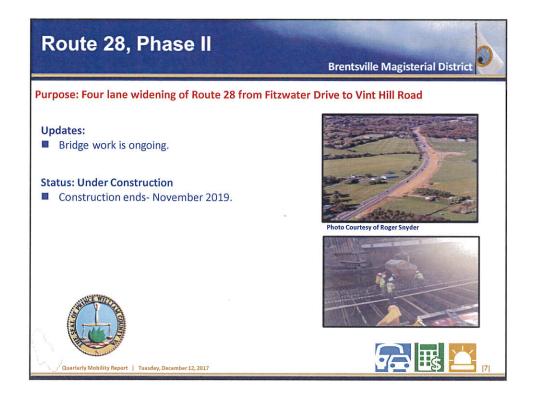


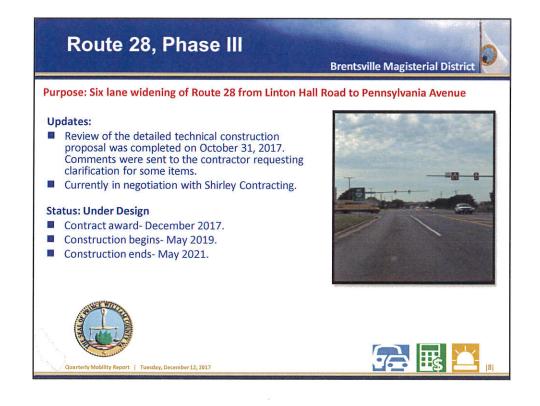


Quarterly Mobility Report | Tuesday, December 12, 20



[6]





Vint Hill Road Extension

Brentsville Magisterial District



Updates:

- Extension of Colonial gasoline pipeline encasements is
- Extension of William gasoline pipeline encasements will be scheduled for a later date.
- Utility notice to proceed anticipated in January 2018.
- Williams and Colonial Pipelines are designing the pipeline encasements that will extend the gasoline pipeline and will cost an estimated \$2.5M. Gas companies will use the same contractor to construct the pipeline encasements.

Status: Under Design

- Design ends- May 2018.
- Construction ends- September 2019.







Route 646 Aden Road Bridge

Brentsville Magisterial District



Purpose: Construct bridge replacement over railroad

- Plan revision is complete.
- Construction restart anticipated for early spring

Status: Under Construction

- Citizen Information Meeting was held in late
- Public Hearing was held in fall 2013.
- Temporary road closure with detour in April 2015.
- New bridge opened in December 2016.









Dumfries Road Sidewalk Project

Coles Magisterial District



Purpose: Construct a sidewalk from Counselor Road to Tayloe Drive

Updates:

- Design is in progress.
- VDOT is in the process of completing NEPA documentation.
- Preliminary design submittal was made to PWC and VDOT in November 2017. Awaiting review agency's comments (they have 30 days from the date of submission to provide comments).

Status: Under Design

- Design ends- February 2018.
- Construction begins- April 2018
- Construction ends- October 2018.







Dumfries Road Southbound Dual Lefts at Hoadly Road

Coles Magisterial District

Purpose: Construct an additional left turn lane from Route 234 to Hoadly Road

Updates:

- BOCS approved the construction contract award to the Ardent Company on October 17, 2017.
- Preconstruction meeting was held on October
- Awaiting placement of construction materials and the installation of a signal.

Status: Under Construction

- Construction began- October 30, 2017.
- Construction ends- June 2018.





Quarterly Mobility Report | Tuesday, December 12, 2017







Minnieville Road

Coles and Potomac Magisterial Districts



Purpose: Four lane widening from Spriggs Road to Route 234

Updates:

- Utility relocations were completed in November 2017.
- Construction has started to improve the westbound Spriggs Road intersection with Minnieville Road to include 2 left turn lanes, 2 through lanes and 1 right turn lane.
- Half of the Conspan Bridge has been placed.



Construction ends- October 2018.





Quarterly Mobility Report | Tuesday, December 12, 2017





1131

Route 616 Old Centreville Road Bridge

Coles Magisterial District

Purpose: Bridge rehabilitation over Bull Run

Updates:

Project was completed in October 2017.

Status: Project Completed

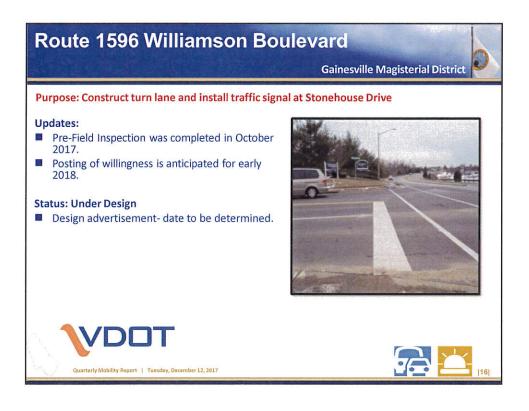
■ This will be the last report for this project.













Gainesville/ Brentsville Magisterial Districts

Purpose: Construct two new express lanes in each direction on I-66 from I-495 to Gainesville (University Boulevard) and multimodal improvements to address current congestion and future needs.

Updates:

- EMP advancing geotechnical investigations, survey, and early design.
- Design Public Hearings were held November 13th, 14th, and 16th.

Status:

Construction began- December 2017.





Quarterly Mobility Report | Tuesday, December 12, 2017





Smoketown Road/ Opitz Boulevard Pedestrian **Improvements** Neabsco and Occoquan Magisterial Districts

Purpose: Reconstruction of ADA ramps and crosswalk at the intersection of Smoketown Road

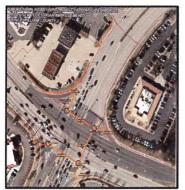
and Opitz Boulevard

Updates:

- Design plans are finalized, but on hold pending the revision of sidewalk alignments at the Gideon Drive portion of one of the intersections.
- ROW plans cannot be finalized until all coordination concerning the proposed Gideon Drive ROW and temporary construction easements are complete.

Status: Under Design

Construction begins- Spring 2018.







Old Bridge Road Sidewalk

Occoquan Magisterial District



Purpose: Construct a sidewalk and bus shelter from Mohican Road to Antietam Road

Updates:

- VDOT has submitted the project to FHWA for advertisement approval.
- Plans for installation of a new bus shelter at the existing bus stop are included.
- Awaiting VDOT authorization to advertise for construction.

Status: Under Design

- Construction begins- Spring 2018.
- Construction ends- Fall 2018.





Quarterly Mobility Report | Tuesday, December 12, 2017



19

Dumfries Road North Shared Use Path

Potomac Magisterial District

Purpose: Construct a Shared Use Path from Country Club Drive to Exeter Drive

Updates:

- Utility relocations began in November 2017.
- 100% design plans submitted to VDOT in November 2017.

Status: Under Design

- Construction advertisement- December 2017
- Construction award- January 2018.
- Construction begins- February 2018.
- Construction ends- Summer 2018.

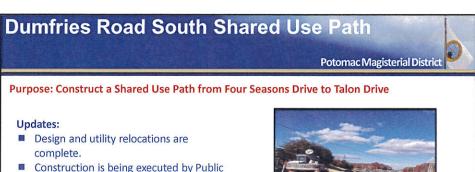




Quarterly Mobility Report | Tuesday, December 12, 2017



20|



Status: Under Construction

■ Construction ends- December 2017.

Works Construction Services.





Quarterly Mobility Report | Tuesday, December



Purpose: Intersection improvements at Fuller Heights Road (Quantico Marine Corps Base Entrance) Updates: The Naval Facilities Engineering Command (NAVFAC) issued a Request for Proposal in February 2017 but the project has not been awarded. The County project is on hold pending award of the Marine Corps Project. County and VDOT investigating project scope modification that does not rely on the execution of Marine Corps Project.



Potomac Magisterial District



Purpose: Construct station improvements and add a third track

Project Summary:

- Provide a new second platform.
- Provide a new third mainline track
 - Reduces conflicts with Amtrak and CSXT freight trains.
 - ☐ All tracks accessible to platform.
- Provide ADA-accessible bridge between all platforms and Marine Corps Base Quantico.
- Extend the existing platform for full-length trains.







....

Route 1 Widening- Town of Dumfries

Potomac Magisterial District

Purpose: Widen Route 1 (Fraley Boulevard NB) from 2 to 6 lanes to serve two-way traffic with pedestrian/bike facilities

Updates:

- Pre-Field Inspection was completed in September 2017
- Review underway by Town.
- Public meeting anticipated for early 2018.
- Only design has received funding.

Status: Under Design

The survey, environment, and design process is estimated to go to 2020 and is currently 10 percent complete.





Quarterly Mobility Report | Tuesday, December 12, 201







|24|



Purpose: Modify pond

Updates:

Project was completed in September 2017.

Status: Project Completed

■ This will be the last report for this project.





Route 234 Pedestrian Improvements

Potomac Magisterial District

Purpose: Construct a sidewalk from Four Seasons Drive to 0.11 miles north of Four Seasons Drive.

Updates:

- Final design plan submission submitted in September
- Contract advertisement is anticipated for December 2017.

Status: Under Design

- Design final submission- Fall 2017.
- Construction advertisement-December 2017.







Blackburn Road Pedestrian Improvements



Purpose: Construct a sidewalk/multi-use trail from Route 1 to the back of the entrance of Rippon Lodge

Updates:

- Final design plan submission occurred in October 2017.
- Permit preparation is ongoing.

Status: Under Design

- Construction advertisement- January 2018.
- Construction begins- February 2018.



Woodbridge Magisterial District



Quarterly Mobility Report | Tuesday, December 12, 2017



Horner Road Sidewalk Project

Woodbridge Magisterial District



Undates

Design and environmental permitting are ongoing.

Status: Under Design

- Design ends- December 2017.
- Construction begins- April 2018.





Quarterly Mobility Report | Tuesday, December 12, 2017



28|

Opitz Boulevard Sidewalk Project

Woodbridge Magisterial District



Purpose: Construct a sidewalk from Potomac Library to Potomac Center Boulevard

Updates:

- Preliminary Design Submittal was made to PWC and VDOT in September 2017.
- NEPA compliance will be completed by VDOT.
- Design waiver to decrease the buffer width requested from VDOT to reduce the ROW impacts.

Status: Under Design

- Design ends- January 2018.
- Construction begins-May 2018.
- Construction ends- September 2018.



Quarterly Mobility Report | Tuesday, December 12, 2017





Powell's Creek Pedestrian Footbridge

Woodbridge Magisterial District

Purpose: Construct a sidewalk and pedestrian footbridge over Powell's Creek at Route 1

Updates:

- The contractor performed a concrete integrity test on October 17, 2017.
- Utility work is completed.
- One caisson will require reinforcement to meet code. A solution proposed by the contractor is to build additional small shafts and attach them to the larger shaft. The proposed solution is under VDOT review. A resolution is the contractor's responsibility.

Status: Under Construction

Construction ends- March 2018.



Quarterly Mobility Report | Tuesday, December 12, 2017







|30|

Rippon Station Improvements

Woodbridge Magisterial District



Purpose: Construct station improvements

Project Summary:

- Provide a new side platform.
- Provide a new ADA-accessible pedestrian bridge with two elevators and stair towers to access platforms.
- Lengthen existing platform to serve full-length trains.
- Provide for future expansion of existing platform to serve the proposed third track.





VIRGINIA RAILWAY EXPRESS

Quarterly Mobility Report | Tuesday, December 12, 2017



Rippon Landing Neighborhood Park Parking

Woodbridge Magisterial District

Purpose: Construct a parking lot at Rippon Landing

Updates:

- The project involves construction of a 100 vehicle parking lot at the intersection of Admiral Black Drive and Blackburn Road.
- (90%) Pre-final design will be submitted early December 2017.

Status: Under Design

- Design ends- February 2018.
- Construction begins- March 2018.





Quarterly Mobility Report | Tuesday, December 12, 201





Woodbridge Magisterial District



Purpose: Six lane widening on Route 1 from Featherstone Road to Mary's Way

Updates:

- Demolition of businesses impacted by construction is anticipated to begin in January/February 2018.
- 70 parcels affected with 11 total takes.

Status: Under Construction

- Utility relocations begins- April 2018.
- Construction ends- November 2021.



















Route 1/123 Interchange

Woodbridge Magisterial District

0

Purpose: Construct grade separated interchange

Updates

- Pile driving was completed for stage 1.
- Day and night closures for underground utilities continue.
- Traffic switch to new northbound lanes should occur in the next few weeks.

Status: Under Construction

- Phase I- Route 1 widening from Annapolis Way to Mary's Way.
- Phase II- Interchange, unfunded (\$100M).













Route 638 Blackburn Road at Rippon Boulevard

Woodbridge Magisterial District

Purpose: Intersection improvements

Updates:

- Developing additional material based on comments received from willingness.
- Public meeting was held on December 6, 2017.

Status: Under Design

- Project kickoff meeting held on January 2016.
- Survey has been completed.
- Posting of willingness in February 2017.









1251

Southampton Street Sidewalk

Woodbridge Magisterial District



Updates:

■ Design is ongoing.

Status: Under Design

- Design ends- December 2017.
- Construction begins- Spring 2018.





Quarterly Mobility Report | Tuesday, December 12, 2017



36|



Various Magisterial Districts



Undates

- RFP released 10/30/17 for development of PRTC's online and mobile app real time passenger information. Data is currently available to third parties on PRTC's website.
- Initial release of real time mobile app did not result in a high-quality product.

Status: Under Design

■ Contract award- March 2018.





Quarterly Mobility Report | Tuesday, December 12, 2017



|37|