Prince William County Department of Transportation
Quarterly Joint Mobility Report
June 13, 2018
MOBILITY
“THE COMMUNITY WILL HAVE AN ACCESSIBLE, COMPREHENSIVE, MULTI-MODAL NETWORK OF TRANSPORTATION INFRASTRUCTURE THAT SUPPORTS LOCAL AND REGIONAL MOBILITY.”

ROBUST ECONOMY
“THE COMMUNITY FOSTERS A DIVERSE LOCAL ECONOMY THAT CREATES A CULTURE OF INNOVATION AND ACHIEVES MORE QUALITY JOBS, ECONOMIC OPPORTUNITIES AND AN EXPANDED COMMERCIAL TAX BASE.”

SAFE & SECURE COMMUNITY
“PRINCE WILLIAM COUNTY IS A COMMUNITY WHERE PEOPLE ARE SAFE AND SECURE”.

WELLBEING
“THE COMMUNITY WILL SUPPORT VULNERABLE INDIVIDUALS AND FAMILIES TO ENSURE THE WELLBEING OF THE ENTIRE COMMUNITY.”

QUALITY EDUCATION & WORKFORCE DEVELOPMENT
“THE COMMUNITY FOSTERS A RICH, LIFELONG LEARNING ENVIRONMENT TO INCREASE EDUCATIONAL OPPORTUNITIES AND WORKFORCE READINESS TO MEET EVOLVING MARKET DEMANDS.”

CONNECTIVITY
“PRINCE WILLIAM COUNTY IS COMMITTED TO THE IMPLEMENTATION AND UTILIZATION OF TECHNOLOGY AND INFRASTRUCTURE REQUIRED FOR A CONNECTED COMMUNITY.”
Burwell Road (Rural Rustic)

**Purpose:** Pave Burwell Road from the existing paved road to the Fauquier County line

**Updates:**
- Plans were submitted to VDOT and PWC for review and comment on December 11, 2017.
- Comments from all reviewing agencies were received on January 29, 2018.
- Final plans will be submitted to VDOT and PWC for review/approval for mid-May 2018.

**Status: Under Design**
- Construction ends – November 2018.
Purpose: Expand station and train storage capacity

Updates:

- Selection of preferred location for parking expansion pending.
- Preliminary engineering (PE) design and NEPA analyses for station platform, train storage expansion underway.
- Ongoing coordination with Norfolk-Southern, Manassas Regional Airport, Federal Transit Administration.

Status: Under design

- PE and NEPA complete – November 2018.
- Final design begins – Late 2018.
- Construction complete – December 2022.

Related projects:

- Transform 66/Manassas Line Capacity Expansion.
- Route 28, Phase III.
Discovery Boulevard Extension

Purpose: Construct 2 lane roadway to Hornbaker Road

Updates:
- 100% of the design plans were submitted to the reviewing agencies for comment or approval in February 2018.

Status: Under Design
- Construction award – Spring 2018.
Purpose: Construct sidewalks on Discovery Boulevard, Innovation Drive, and University Boulevard

Updates:
- 90% of design plans will be submitted to the reviewing agencies in April 2018.

Status: Under Design
- Construction award – May 2018.
Purpose: Construct bus storage yard and maintenance facility

Updates:
- Funding for the project is in the Commonwealth’s budget and awaiting the three funding agreements from DRPT.

Status: Under Design
- Once funds are released to OMNIRIDE, Notice to Proceed will be issued to construction contractor.
Route 28, Phase II

Purpose: Four lane widening of Route 28 from Fitzwater Drive to Vint Hill Road (2.4 miles)

Updates:
- Construction activities are ongoing.
- Aden Road will close between July and October; however, VDOT has a project in close proximity that will close Aden Road from April until September. The County will meet with the two contractors to reduce the amount of time Aden Road will be closed.

Status: Under Construction
- Construction ends – October 2019.
Updates:
- Contract award to Shirley Contracting Company, LLC was submitted to the BOCS for approval on March 6, 2018.

Status: Under Design
**Purpose: Construct a turn lane on Vint Hill Road from Sudley Manor Drive to Kettle Run Road**

**Updates:**
- All utility plans and estimates were reviewed and approved.

**Status: Under Design**
- Design ends – May 2018.
- Construction starts – August 2018.
Balls Ford Road Interchange

Purpose: Construct a Diverging Diamond Interchange at Route 234 Bypass and relocated Route 621 (Balls Ford Road)

Project Summary:
The project includes the following:

- A grade-separated overpass crossing of relocated Balls Ford Road over line B of the Norfolk Southern Railroad.
- Balls Ford Road will be a new four-lane facility with a raised median between Devlin Road and Doane Drive.
- A 10-ft. shared use path along relocated Balls Ford Road.

Status:
- VDOT signed agreement received on 5/17/2018
Balls Ford Road Interchange

Brentsville/Gainesville Magisterial Districts

ROUTE 234 BYPASS AT BALLS FORD ROAD INTERCHANGE
PRINCE WILLIAM COUNTY, VIRGINIA

AERIAL PHOTOGRAPHY
(CONCEPTUAL PLAN)

LEGEND
PROPOSED BALLS FORD RD
SITE DEVELOPMENTS
PARKS
Balls Ford Road Widening
Brentsville/Gainesville Magisterial Districts

Purpose: Widening from two to four lanes from Groveton Rd to Route 234 Business (2 miles)

Project Summary:
The project includes the following:
- A 10-ft. shared use trail and a 5-ft. sidewalk on the entire length of the facility.
- Extension to the proposed interchange project at Route 234 and Balls Ford Road to enhance accessibility to I-66 at the western end of Balls Ford.

Status:
- VDOT signed agreement received on 5/17/2018
Route 646 Aden Road Bridge

Purpose: Construct bridge replacement over railroad

Updates:
- Construction restart anticipated for summer 2018. Detour planned.

Status: Under Construction
- Construction completion – Late Summer 2018.
Dumfries Road Sidewalk Project

Purpose: Construct a sidewalk from Counselor Road to Tayloe Drive

Updates:
- All underground utilities were inspected for depth, functionality, and spacing.
- Geotechnical investigation and utility tests are in progress.
- Advanced design plans were submitted in early March 2018.

Status: Under Design
- Design ended – February 2018.
Minnieville Road

Coles and Potomac Magisterial Districts

Purpose: Four lane widening from Spriggs Road to Route 234 (2.2 miles)

Updates:
- Mild winter has allowed continuation of storm sewer installation and earthwork.
- New signal poles being installed at Howison Park and Dumfries Road. Signal work to continue.
- Foundations for second phase of Conspan Bridge are being installed.

Status: Under Construction
- Spriggs Road intersection improvements may extend the schedule into 2019.
Purpose: Construct an approximately 230 space lot in the northeast quadrant of I-66 and Route 15

Updates:
- Notice to Proceed in December 2017.
- Public Meeting to be held on March 21, 2018 at Battlefield High School.

Status: Under Design
- Construction began – April 2018.
Route 1596 Williamson Boulevard

Gainesville Magisterial District

Purpose: Construct turn lane and install traffic signal at Stonehouse Drive

Updates:
- Posting of willingness is anticipated for early 2018.

Status: Under Design
- ROW begins - Fall 2018.
Transform 66 – Outside the Beltway

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:
- Construction activities are underway.
- Barrier installation/lane shifts.

Status:
- Construction began – December 2017.
OMNIRIDE I-66 Strategies

Gainesville/Brentsville Magisterial Districts

Purpose: Strategies to minimize congestion as part of the Transportation Management Program (TMP) for construction of the I-66 Express Lanes

Updates:
- PRTC will provide the following as part of the Transform 66 Outside the Beltway TMP:
  - Half fares on all western County express and MetroRail feeder bus routes.
  - Additional bus trips as needed to ensure sufficient capacity.
  - Vanpool formation incentives.
- All strategies are fully funded through the TMP.

Status:
- Implementation in March/April 2018 through the completion of Express Lanes construction (2022).
Purpose: Four lane widening from Route 1 to Dale Boulevard

Updates:
- As directed by the BOCS, the proposed roundabout in front of Freedom High School has been eliminated from the design plans.
- Preliminary Field Inspection (PFI) Plan was submitted to VDOT on January 16, 2018.

Status: Under Design
- Construction ends – August 2022.
Smoketown Road/ Opitz Boulevard Pedestrian Improvements

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

Updates:
- ROW plans will be advanced for approval with the exclusion of the improvements to the north east corner of the project.

Status: Under Design
- Construction advertisement- April 2018.
- Construction begins- Spring 2018.
Old Bridge Road Sidewalk

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

Updates:
- FHWA authorization to advertise the project was obtained on February 5, 2018.

Status: Under Design
- Construction began – May 2018.
- Construction ends – October 2018.
Dumfries Road North Shared Use Path

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

Updates:
- Utility relocations are complete.
- Preparing design plan comment revisions and responses for VDOT.

Status: Under Design
- Construction advertisement – March 2018
- Construction award – April 2018.
Purpose: Intersection improvements at Fuller Heights Road (Quantico Marine Corps Base Entrance)

Updates:

- PWC and VDOT will construct a mini roundabout at the intersection of Fuller Heights and Triangle Street to relieve congestion and improve safety; stop bars will marked on the pavement east and west of the intersection of Fuller Heights and Fuller Road to prevent that the intersection in blocked at any time. A dedicated left turn lane will be constructed on Joplin Road for eastbound traffic heading north on Route 1.

- The County project is being re-designed to better operations at Fuller Heights Rd and Old Triangle Rd.
Quantico Station Improvements

Purpose: Construct station improvements (new second platform, new third mainline track, bridge access between platforms, and extension of existing platform)

Updates:
- Final design at 90%.

Status: Under design
- Design complete – Fall 2018.
- Construction advertisement- Fall 2018.
- Construction complete – TBD.

Related projects:
- Arkendale to Powell’s Creek 3rd track by DRPT.
Route 1 Widening- Town of Dumfries

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

Updates:
- Design is underway, and additional surveys are being conducted.
- Value engineering was conducted in February 2018.
- Public meeting anticipated for Summer 2018.
- Only design has received funding (NVTA).

Status: Under Design
- Design began – Fall 2017.
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:
- Construction contract awarded in January 2018.

Status: Under Design
Blackburn Road Pedestrian Improvements
Woodbridge Magisterial District

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

Updates:
- VSMP permit attained in February 2018.
- Application for VDOT’s land use permit was submitted on February 12, 2018.
- Bid documents are being reviewed by PWC Purchasing.

Status: Under Design
- Construction ends – October 2018.
Horner Road Sidewalk Project

Purpose: Construct a sidewalk from Forest Glen Road to Kilby Elementary School

Updates:
- 100% of the design plans were submitted to VDOT on January 26, 2018. They are currently under review.

Status: Under Design
- Construction begins – May 2018.
Opitz Boulevard Sidewalk Project

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

Updates:
- VDOT has provided concurrence on a design waiver to decrease the buffer width that will reduce ROW impacts.

Status: Under Design
Powell’s Creek Pedestrian Footbridge

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

Updates:
- County consultant completed a corrective design for the caissons in February 2018.
- The caisson improvements were reviewed by VDOT and approved on February 7, 2018. Construction has resumed.

Status: Under Construction
Purpose: Construct station improvements (platform improvements and new pedestrian overpass with stairs and elevators on each platform)

Updates:
- Preliminary engineering (PE) design and NEPA analyses underway for side and island platform
- Ongoing coordination with CSXT, DC2RVA third track PE design

Status: Under design
- PE design complete – Fall 2018
- Final design complete – Fall 2019
- Construction complete – 2022

Related projects:
- DC2RVA 3rd track by DRPT
Purpose: Construct a parking lot at Rippon Landing

Updates:
- The project involves relocating the existing gravel parking lot at the intersection of Rippon Blvd/Blackburn Rd 800 feet south of Blackburn Rd across from Admiral Black Dr.
- The project will add capacity to accommodate approximately 100 parking spaces to serve the new/proposed Boardwalk.
- (90%) Pre-final design was submitted January 2018.

Status: Under Design
Purpose: Six lane widening on Route 1 from Featherstone Road to Mary’s Way (1.4 miles)

Updates:

- Utility duct bank work is anticipated to begin in Spring 2018.
- Demolition of businesses impacted by construction will begin in March 2018.

Status: Under Construction

- Utility relocations begins – August 2018.
Route 1/123 Interchange

Purpose: Construct grade separated interchange

Updates:
- Construction activities continue.
- Traffic switch to northbound lanes occurred recently.
- Bridge deck and retaining walls are underway.

Status: Under Construction
- Phase I – Route 1 widening from Annapolis Way to Mary’s Way.
- Phase II- Interchange, unfunded ($100M).
Updates:
- Will continue with the original scope of work.
- ROW acquisition will begin in late Spring 2018.

Status: Under Design
- Construction advertisement – Summer 2019
Southampton Street Sidewalk

Purpose: Construct a sidewalk from Montgomery Avenue to Pine Lane

Updates:
- Design was recently completed.

Status: Under Design
Neabsco Mills Commuter Garage

Purpose: Construct a 1,414 space garage within the vicinity of the Neabsco Mills Widening Project.

Project Summary:
- Construction of the garage will serve as a park and ride lot for commuters, relieving the capacity needs at the Route 1 and Route 234 park and ride lots.

Updates:
- PWC DOT will conduct a location study. The agreement was approved by the BOCS on February 20, 2018.

Status: Under Design
- Location study began – March 2018.
OMNIRIDE I-66 Commuter Choice

Purpose: Additional AM and PM bus service (Linton Hall Metro Direct), Flexible Vanpool Program and Commuter Lot Shuttles

Updates:
- OMNIRIDE had three projects selected for inclusion in 2018 I-66 Commuter Choice Program of Projects. Projects are funded by I-66 Inside the Beltway toll revenues
  - Additional morning and evening trip on Linton Hall Metro Direct
  - Flexible Vanpool Program – program funds software, hardware, promotion
  - Commuter Lot Shuttles – “microtransit”, neighborhood-based, on-demand

Status: Awaiting CTB approval summer 2018
Purpose: Purchase replacement vehicles to replace aging buses, improving service reliability and provide resources for future growth

Updates:
- 31 new OMNIRIDE MCI buses were authorized for purchase at the May 2018 PRTC Commission Meeting.
  - Will replace 2002 vintage buses
  - New passenger amenities such as charging ports for electronic devices
  - Feature full camera system for interior and exterior of the vehicle
  - Some older vehicles will remain for contingency use
  - 6 more buses will be purchased in the fall using recent Federal grant funding

Status:
- Buses will arrive in Fall 2018
Route 28 Corridor Improvements – NEPA Process

Purpose: Complete the NEPA process to determine the best alternative to relieve congestion on Route 28

Project Summary:
- Project consists of completing the National Environmental Policy Act (NEPA) process to select and identify the impact/benefits of a preferred alternative to alleviate the congestion around the Route 28 Corridor.
- The initial feasibility study began by identifying and evaluation 14 preliminary alternatives.
Future Project: Route 234 and University Boulevard Intersection Improvements

Brentsville Magisterial District

Purpose: Construct a quadrant intersection at the intersection of Route 234 and University Boulevard.

Project Summary:

- This intersection was reviewed under the VDOT Strategically Targeted Affordable Roadway Solutions (STARS) Program.

- Funding requested as part of NVTA Six Year Program.
Purpose: Construct a continuous-flow intersection at the intersection of Sudley Manor Drive and Route 234. Includes Wellington Road overpass.

**Project Summary:**

- This intersection was reviewed under the VDOT Strategically Targeted Affordable Roadway Solutions (STARS) Program.

- Funding requested as part of NVTA FY18-23 Six Year Program.
Purpose: Construct a bridge to grade separate the eastern intersection of Prince William Parkway/Dumfries Road and convert Prince William Parkway/Bradley Cemetery Way to a continuous green-T intersection.

Project Summary:
- This intersection was reviewed under the VDOT Strategically Targeted Affordable Roadway Solutions (STARS) Program.
- Funding requested as part of NVTA FY18-23 Six Year Program.
Future Project: Route 234 and Clover Hill Road Intersection Improvements

Coles Magisterial District

Purpose: Construct a bowtie intersection at the intersection of Route 234 and Clover Hill Road.

Project Summary:

- This intersection was reviewed under the VDOT Strategically Targeted Affordable Roadway Solutions (STARS) Program.

- Funding requested as part of NVTA FY18-23 Six Year Program.