Quarterly Transportation Report
1st Quarter
March 15, 2016

Thomas Blaser – Director
Department of Transportation
Vint Hill Road Extended, Route 28 Phase II and Phase III Umbrella Contract

Umbrella Contract Timeline:
- Advertise RFQ - June 2016
- Advertise RFP - August 2016
- Award Design/Build Contract - November 2016
- Projected Completion Dates:
  - Route 28 Phase II: November 2018
  - Vint Hill Road Extended: December 2018
  - Route 28 Phase III: May 2020

Benefits:
- Estimated significant savings vice bidding as separate projects.
- Internal staff efficiencies and time savings.
- The total project duration can be reduced.
- Reduced citizen frustration by having a centralized point of contact for responding to their concerns as well as by having coordinated work zones that will allow better traffic flow.
Gideon Sidewalk Project is Complete

The Gideon Drive Sidewalk Project

Designer of Record:
Rinker Design Associates

Construction Company:
Sagres Construction

Project Cost:
Total: $2.37M
Total construction cost: $2.25M (cost includes construction and slope stabilization)
Total design cost: $125K

This sidewalk provides safe travel for at least 100 people per day during the work week and many more on weekends.

The Gideon Drive Sidewalk Project provides pedestrians with a safe walking path along Gideon Drive between Dale Boulevard and Potomac Mills Mall. The $2.37 million project offers the walking public a five-foot-wide sidewalk that connects pedestrian access to other sidewalks in the area especially around Ashdale Plaza.

The project also includes push-button signals at each end of Gideon Drive.

For more information about the project, please visit http://www.pwctv.gov/News/Pages/Gideon-Drive-Sidewalk-Now-Open.aspx
Heritage Parkway Overlook

Heritage Parkway & Route 1

THE WAY WE WORK MAKES ALL THE DIFFERENCE.

PROJECT HIGHLIGHTS

- Timothy T. Day Overlook - an artfully designed space positioned on an elevated area with views of the Semper Fidelis Memorial Chapel, National Museum of the Marine Corps and surrounding park
- Granite Entry Walls
- Retaining Walls with Stacked Stone Veneer Facing
- Rough Grading
- Storm Drainage
- Placement of 16,000 SY of Asphalt Pavement
- Design & Construction of Low Impact Design (LID) Measures
- Street Lights

Quarterly Transportation Report | Tuesday, March 15, 2016
Burwell Road/Fitzwater Drive Improvements

Updates
- Verizon completed the relocations for all of their facilities.
- Construction began in January 2015 with County Forces.

Issues
- None

Timeline
- Expected date of completion is June/July 2016.
Burwell Road/Fitzwater Drive Improvements

Brentsville Magisterial District
Route 28 Phase I (Linton Hall Road to Vint Hill Road)

Updates
- 85% of subbase is completed on Vint Hill Road.
- 100% of 36” waterline placements have been completed on Vint Hill Road.
- 100% of Sound wall panels are installed on Route 28.
- VDOT street acceptance process started.
- Storm drainage activities 95% complete on Vint Hill Road.

Issues
- None

Timeline
- Project completion date is Summer 2016.
Updates

- Long Eared Bat Survey (LEBS) field work is complete. There were no bats found at the conclusion of the survey.
- Flood plain study approved by County.

Issues

- None

Timeline

- Utility relocation has begun.
- Route 28 phase II and the extension of Vint Hill will be combined under one contract, and 30% plans are being prepared for the design build contract.
Hellwig Park Entrance Improvement

Updates
- Parking lot asphalt paving is 100% complete.
- 90% of entrance relocation activities have been completed.
- Parks and Recreation will coordinate and manage the design of the parking lot lighting system.

Issues
- Verizon relocating their utility lines.

Timeline
- Verizon will be able to finish relocation in March 2016.
Minnieville Road – Spriggs Rd. to Rte. 234

Coles & Potomac Magisterial Districts

Updates
- All Right-of-Ways have been acquired.
- RFQ Project Information Meeting was held on February 9, 2016.
- Environmental permit application submitted early February 2016.

Issues
- Lengthy utility relocations.

Timeline
- Full Notice to Proceed for utility relocation is planned for March 2016.
- Statement of Qualifications submission date is set for March 23, 2016.
- Notifications for short-listed offerors is scheduled for April 2016.
- Construction advertisement is planned for June 2016 with a two-phase bid beginning with the Request for Qualifications.
- Anticipated construction award date is August 2016.
- Notice to Proceed is scheduled for September 2016.
Minnieville Road – Spriggs Rd. to Rte. 234

Coles & Potomac Magisterial Districts
Purcell Road

Updates
- Construction activities have begun.
- Utility relocation activities have begun.

Issues
- Construction and access to 7-Eleven at Dumfries Road.
- Utility relocation.
- Road detours are expected to begin in May 2016.

Timeline
- Construction completion date is anticipated no later than October 31, 2016.
Logmill Road Improvements

Updates
- All utility relocations have been completed.
- Construction activities are underway.

Issues
- Detour during construction.
- Maintaining emergency access during inclement weather.

Timeline
- Detour switch over on/about April 7, 2016.
- Construction completion anticipated for August 2016.
Antietam Road Sidewalk

Updates
- Comments from VDOT received in late December 2015.
- Plats and deeds for Right-of-Way and Easements acquisition completed.

Issues
- Coordination with VDOT to resolve drainage comments.

Timeline
- The perpetual easements needed for the sidewalk construction are expected to be acquired by April 2016.
- 100% plans expected to be submitted to VDOT for final review in March 2016.
- Construction is expected to begin June/July 2016.
Fuller Heights Road (Quantico Marine Corps Base Entrance)

**Updates**
- R-O-W approval received from VDOT.
- A utility relocation coordination meeting with DOT staff, Utility Companies and the Marine Corps Base Quantico (MCBQ) project was held on February 24, 2015.
- A request has been submitted to VDOT for an all way stop.

**Issues**
- MCBQ project for improvements of Fuller and base entrance have been restarted and 65% of plans have been shared with the County.
- Initial review of design suggests adjustments are needed for the County project.
- R-O-W offers await MCBQ granting of easements.

**Timeline**
- MCBQ project P588 100% plans to be ready for construction bid in Spring 2016.
- Construction advertisement contingent on MCBQ granting easement and utility relocations and award of MCBQ Contract.
Fuller Heights Road
(Quantico Marine Corps Base Entrance)
Blackburn Road Sidewalk

Updates
- Comments from VDOT received in January 2016.
- Plats for Right-of-Way and Easements acquisition completed.

Issues
- R-O-W and easement acquisition to be completed by June 2016. Awaiting deeds for settlement purpose.
- Coordination with Verizon to relocate their facilities, which are in conflict with the project.

Timeline
- Project plans will be submitted to VDOT for final review in March 2016.
- Construction is anticipated to begin November 2016.
Updates
- There are 16 properties with possible major impacts.
- Concept Storm Water Management/ Best Management Facility design is ongoing.
- Preparation of Phase II EIS is ongoing; NEPA document coordination is ongoing.
- Traffic Analysis is ongoing.
- Design Waiver requests were submitted to VDOT and are under review.

Issues
- Utility relocation cost, which include undergounding or use of duct banks.

Timeline
- Preliminary roadway plans were submitted to VDOT on November 17, 2015.
- Citizen Information Meeting is scheduled for March 23, 2016.
Updates
- Phase I, between Dale Boulevard and Blackburn Road, is complete. The contractor is currently working on completing punch list items.

Issues
- Potential claim for poor subsurface soil was not identified in the pre-construction documents.

Timeline
- Construction is broken into three phases:
  - Phase I – Neabsco Mills Road to Dale Boulevard (100% of the work is complete).
  - Phase II – Dale Boulevard to Delaware Drive (85% of the work is complete).
  - Phase III – Delaware Drive to Featherstone Road (80% of the work is complete).
- Final completion date of all Phases – June 2016.
Updates
- Sagres Construction began construction activities.
- The total contract amount is $2,387,287.00.

Issues
- None

Timeline
- Anticipated date of completion is Fall 2016.
Powell’s Creek Pedestrian Footbridge

Updates
- 100% of the plans were submitted to VDOT for review in December 2015.
- Comments from VDOT received in late January 2016.

Issues
- Relocation of water line.
- Additional costs for R-O-W and utility relocations that may require additional funding.
- Due to environmental mitigations (Threatened Northern Long-Eared Bat) the beginning date for construction may be affected.

Timeline
- Final plans are expected to be resubmitted to VDOT for final review/approval in late February 2016.
- Construction is targeted to start in late summer 2016.
Powell’s Creek Pedestrian Footbridge

Woodbridge Magisterial District
Old Bridge Road Sidewalk

Updates
- Consultant Parsons Brinckerhoff was selected for project design.
- Field meeting was held with PWC DOT representatives and consultant to go over the scope of the project.
- Request for preparation of task order has been issued to Parsons Brinckerhoff in February 2016.

Issues
- None

Timeline
- Authorization to commence the design is anticipated in April 2016.
Vint Hill Road Extension

Updates

- Base survey is complete.
- Kickoff meeting held on January 21, 2016 at VDOT NOVA District.
- Drain-field location was performed on February 19, 2016.
- Geotechnical field work to be done February/March 2016.
- State Environmental Review Process (SERP)/Local Environmental Review Process (LERP) in place of NEPA documentation.
- Right-of-Way coordination to be included in the design build contract.

Issues

- None

Timeline

- Project to be bid with Route 28 Phase II. Plan to advertise RFQ in May 2016.
Vint Hill Road Extension

Brentsville Magisterial District
Traffic Safety Projects

Pole Mounted Speed Display Pilot Site

- Posted 25MPH
- Average Speed Before study 29MPH
- Average Speed After study 28MPH
- 1 MPH decrease in Average Speed

Hillendale Road Average Speeds

Northbound: Before 30, After 28
Southbound: Before 30, After 27
Traffic Safety Projects

Pole Mounted Speed Display Pilot Site
- Posted 35MPH
- Average Speed Before study 45MPH
- Average Speed After study 38MPH
- 7MPH decrease in Average Speed

Vint Hill Road Average Speeds

![Vint Hill Road – Brentsville District](image)
Traffic Safety Projects

Pole Mounted Speed Display

Pilot Project
- Initial results look promising.
- Still uncertainty about the long term effectiveness.
- Maintenance cost and reliability unknown.
- Limit excessive use by establishing qualifying criteria and guidance for site selection
  - Only 2 lane roads posted at 35 mph or less (VDOT policy).
  - Identified speeding problem.
  - Only to be used when other traffic calming measures cannot be used.
  - Minimum average daily traffic of 1000 vehicles per day.

Expanding the Pilot Project
- Continued resampling at existing pilot sites to test long term effectiveness.
- Expand pilot project in 2016 to include 4-5 more sites (8 -10 PMSDs) to increase confidence in effectiveness and test in different districts and situations ($50,000-funding TBD).
- Requested future sites include Brentsville Road (Coles/Brentsville), Tygart Lake Drive (Brentsville), Knightsbridge Drive (Occoquan), Darbydale Avenue (Neabsco), Fincastle Drive (Potomac), Token Forest Drive (Coles) and Featherstone Road (Woodbridge).
Traffic Safety Projects

Current Projects

- **Dumfries Road Shared Use Path Extension** - this project will design and construct a 10 foot wide asphalt shared use path from Country Club Drive to 240-feet south of Exeter Drive along the west side of Route 234/ Dumfries Road. (Potomac)

- **Dumfries Road Southbound Dual Lefts at Hoadly Road** - this project will expand the existing single left turn lane on Dumfries Road onto Hoadly Road into dual left lanes. (Coles)

- **Southampton Street Pedestrian Improvements** - this project will design and construct 620 feet of standard concrete sidewalk on the east side of Southampton Street from the Potomac Woods Senior Housing Community to Montgomery Avenue. (Woodbridge)

- **Horner Road at Summerland Drive Roundabout Analysis and Design** - this project will analyze and design a roundabout at the intersection of Horner Road and Summerland Drive. (Woodbridge) *on hold due to possible proffer.*

- **Blackburn Road Parking and Pedestrian Improvements** - this project will construct a 100 vehicle commuter parking lot at the intersection of Rippon Boulevard and Blackburn Road. (Woodbridge)

- **Blackburn Road Shared Use Path** - this project will design and construct a 10 foot wide asphalt shared use path on the south side of Blackburn Road from Route 1 to the Neabsco Creek Boardwalk and will include curb and gutter work along the entire length. (Woodbridge)

Various Magisterial Districts

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