



## DUMFRIES, VIRGINIA

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**To:** Mayor Foreman, Members of Council and Mr. Taber

**From:** Richard West

**Date:** 23 September 2013

**Re:** Public Works Activities for the Month of September 2013

### STORMWATER MANAGEMENT

- MS4: Continued compiling data for the annual MS4 report (due October 1).
- Bacteria sampling and monitoring continued along Quantico Creek.
- **FEMA Flood Insurance Rate Map:** FEMA has issued Preliminary Flood Insurance Rate Maps (FIRMs) for Prince William County, including the Town of Dumfries. The Public Works Director attended a meeting held by FEMA at the Prince William County Complex on 16 September. The new digital FIRMs, the Flood Insurance Study that led to FORM revisions, and the National Flood Insurance Program (NFIP) were discussed. Three action items ensued from the meeting, which was also attended by Prince William County staff from several departments, VDOT, a representative from the US Army Corps of Engineers, and two representatives from Dewberry and Davis (FEMA consultant):
  - Each community was to review the preliminary FIRM for accuracy regarding jurisdiction boundaries and street names, within thirty days of the meeting. The Town's portions of the FIRMs were reviewed by the Director on 20 September' no revisions were found to be necessary.
  - Each community is required to reach out to those citizens affected by the changes on the FIRM and inform them of the potential flood insurance implications.
  - Each community must adopt a new or amended floodplain ordinance that meets the NFIP minimum requirements to avoid possible suspension from the NFIP. The updated ordinance is due when the FIRMs become effective, which is expected to be 15 to 18 months from September 2013.
- Quantico Creek Assessment: The Corps of Engineers is scheduled to perform a site visit, with the consultant and the Town, on 16 October.

### PLAN REVIEW/PERMITS

- Public Works issued seven construction permits and one land disturbance permit this month.
- The Department issued one Notice of Violation.

**TRANSPORTATION/ROADS**

- **Tripoli Boulevard Drainage Improvement Project** – Right of way agreement closures are progressing. As of 23 September there were four properties remaining for closure: 2 releases needed, and 2 refusals that will go to condemnation. Bid document preparation is progressing. The specifications for the stormwater management facility are being crafted allow at least one other product to meet the criteria by specifying general parameters as opposed to using product specific information.

The status of the utility relocations is as follows:

- Dominion Virginia Power –Ready to relocate in the field ; however, they need the easements staked. RDA’s field crews will be staking out on Wednesday (9/25/13). Dominion should be done in approximately 2 months.
- Verizon – Co-locates with DVP in many locations and will not begin relocation until DVP is complete. It will then be 2 months for their relocation.
- Columbia Gas – Relocation is complete. Abandonment of existing line is in process.

**Traffic Impacts:** Utility locations will be occurring through next January. Utilities are required to maintain traffic. If there are traffic issues, please call the Department of Public Works at 703 221-3400.

**Schedule impact:** The current project schedule is as follows:

<b>TASK</b>	<b>DATE</b>	<b>STATUS</b>
Right of Way/Easement Acquisition		
Bidding Documents preparation	November 2013	Proceeding
Utility Relocations		
Columbia Gas		
Relocation	September 2013	Complete
Abandonment of existing line	November 2013	Proceeding
Dominion Virginia Power		
Survey	September 2013	Scheduled
Relocation	November 2013	Scheduled
Verizon	January 2014	Scheduled
Issue Bids	December 2013	
Receive Bids	February 2014	
Council Bid Approval	March 2014	
Construction	November 2014	

- **Graham Park Road/Curtis Drive/Route 1 Intersection Project** – Design work continues for the project. Utility companies received updated plans on September 12 to review impacts to facilities and determine relocations. Utility companies are to share relocation plans with the Town at the Utility Coordination Meeting on **October 4**. Geotechnical work will begin in mid-October to determine pavement design and soils conditions where retaining walls are to be constructed and stormwater management basins. We are also currently working on developing Maintenance of Traffic (MOT) Plans, water and sewer relocation plans, developing pavement marking plans, erosion and sediment control plans, and revising cross-sections to determine areas of mill/overlay versus full pavement reconstruction.

**Traffic Impact:** There will be traffic delays while geotechnical work is performed in mid-October. Berkley Group will let confirm the schedule as it becomes available.

**Schedule impact:** The consultant is finalizing any additional easements needed for utility relocations and determining what percentage the project is responsible for utility relocation costs. Once finalized, plans will be sent to VDOT for right of way authorization. Anticipate receiving authorization to begin ROW acquisition by **January, 2014** at which point right of way acquisition can begin. With the ROWs involved, it is anticipated that acquisition will take most of the 2014 construction season. Advertising for construction is therefore anticipated in January 2015.

The project schedule is as follows:

<b>TASK</b>	<b>DATE</b>	<b>STATUS</b>
Request R/W Authorization	July 2013	Proceeding
R/W Authorization	January 2014	
Final Plans (100%) and Bid Documents Submitted and Request Construction Authorization	February 2014	
R/W Acquisition and Utility Relocations Clear	Fall 2014	
Construction Authorization	Fall 2014	
Advertisement	January 2015	
Begin Construction	Spring 2015	
Complete Construction	Fall 2015	

- **Multi Modal Phase II** – Survey for Route 1 has been received from VDOT and design work is beginning in earnest. Berkley Group is working with a smaller engineering firm to assist in delivering this project. The environmental document is complete.

**Schedule impact:** All incomplete scheduled activities below have been delayed one month. The initial schedule for this project was based on a "no plan" approach. At this time there appear to be engineering issues that should be resolved to avoid challenges from contractors during the bid process.

The schedule for Section I of this project is as follows:

<b>TASK</b>	<b>DATE</b>	<b>STATUS</b>
Environmental Document (PCE)	February 2013	Executed
Final Plans (100%) and Bid Documents Submitted and Request CN Authorization	October 2013	
R/W Acquisition and Utility Relocations Clear	Fall/Winter 2013	
CN Authorization	Spring 2014	
Advertisement	Spring 2014	
Begin Construction	Late Spring 2014	
Complete Construction	Fall 2014	

- **Cameron Street** - Survey work has been scheduled for late September/early October.

**WORK PRIORITIES (six months)** are being reviewed and revised. The intent is to develop a comprehensive plan which encompasses application and submittal deadlines; and project and program schedules, and to apply priorities.

**MEETINGS, TRAINING, ETC.**

- FEMA Flood Insurance Rate Maps meeting (see above)
- VDOT Urban Construction Initiative Work Group Planning Meeting
- VDOT Local Assistance Division Webinar: Local System Pavement Condition and Performance Data
- VDOT UCI Annual Work Shop

**GRANTS**

By letter from the Virginia Department of Environmental Quality, we were informed that a grant award of **\$2,943** has been approved for the **Town of Dumfries** Litter Prevention and Recycling Program activities for the period July 1, 2013 to June 30, 2014.

By letter from the Virginia Department of Conservation and Recreation, we were informed that a grant award of up to **\$1,000** has been approved for the **Town of Dumfries** from the Dam Safety, Flood Prevention and Protection Assistance Fund. This is a 50/50 local match grant that will allow us to provide outreach materials to properties in Dumfries that are in flood prone areas.