
PROGRAM: Storm Drainage Improvements

DEPARTMENT: Public Works

PROGRAM DESCRIPTION: The purpose of this program is to provide improvements to the County's storm drainage system to minimize localized flooding in the public right-of-way, minimize soil erosion, and increase storm sewer capacity where it is needed. A major focus of this program is the construction of projects that minimize private property damage caused by flooding in the public right-of-way. This program also funds storm drainage improvements that complement and enhance other County infrastructure improvement projects beyond those minor facilities integral to the project.

FY 2003 Bond Projects:

The following projects are listed as higher priority and will be designed and constructed, as funding is available, design is completed, and right-of-way obtained. Because of the complexity in designing these projects or obtaining some of the rights-of-way, allocation to specific projects will be made as they are ready to construct. Funds are available to construct one of the first four projects listed. Projects are listed in priority order.

Columbia Pike (S. Taft St. to S. Courthouse Rd.) Phase III – This project will intercept stormwater that presently runs in valley gutters and sheet flows down Columbia Pike, which creates a hazard for pedestrians and motorists. This will complete the project designed to correct this problem and the flooding in the low area of S. Queen Street.

14th Street N. (Kirkwood Rd. to N. Lincoln St.) – 14th St. N. has inadequate drainage. Excessive street flows bypass inlets and overflow the curbs on 14th St. N., causing flooding on the roadway of Kirkwood Road.

N. Albemarle St. (34th Rd. N. to N. Dittmar Rd.) – This project will correct an inadequate capacity problem and prevent localized flooding.

Little Pimmit Run (N. Kensington St. to 34th St. N.) – This is phase one of a two part project intended to prevent flooding at the low point of John Marshall Dr. and prevent overflow runoff through private property between John Marshall Dr. and N. Kensington St. This will replace 850 feet of undersized trunk sewer.

2nd St. N (N. Park Dr. to N. Henderson Rd.) – This project will prevent excessive runoff water and localized flooding by increasing capacity of existing facilities.

Projects to support other programs – Projects in other programs include drainage costs incidental to their projects. Often upon design it is determined that a larger drainage project may be needed that expands the scope of the original project. This program provides funds when available for the expanded scope rather than creating a shortfall problem in other programs. The advantage is being able to complete the underground work all performed at one time on all projects.

PLANNING RELATIONSHIP: Projects are proposed based on plans, policies, and objectives of the Storm Water Master Plan and as development warrants.

CIP PROJECTS:

PROJECT DESCRIPTION	AMOUNT (\$ in 000's)	FISCAL YEAR	FUNDING SOURCE
1. Projects to be identified	550	2003	Bond
	686	2005	Bond
	720	2007	Bond

PROGRAM TOTALS:

	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	TOTAL
Bond	550	-	686	-	720	-	1,956
PAYG	-	-	-	-	-	-	-
<i>Less Other Financing Sources</i>	-	-	-	-	-	-	-
Net Tax Support	550	-	686	-	720	-	1,956