


City of Alexandria, Virginia

MEMORANDUM

DATE: APRIL 15, 2011

TO: THE HONORABLE MAYOR AND MEMBERS OF CITY COUNCIL

FROM: JAMES K. HARTMANN, CITY MANAGER 

SUBJECT: BUDGET MEMO # 57: STORMWATER PROJECTS FOR FY 2011-2013

At the March 21, 2011 budget work session, City Council members requested a more detailed discussion of planned stormwater capital projects, particularly those supported by the dedicated Stormwater Management Tax in FY 2011 – FY 2013.

Stormwater Capital Projects Funding:

Prior to FY 2011, all stormwater capital projects were funded in the Base CIP with unrestricted City funds including cash capital and General Obligation Bonds. As part of the Approved FY 2011 Operating and Capital Improvement Program (CIP) Budgets, City Council added an additional 0.5 cents to the real estate tax rate dedicated to fund stormwater projects and expanded operating support necessary for capital project implementation and monitoring. The Stormwater Management Tax is supplemented by an additional \$1.0 million from unrestricted base CIP funding. Not included in the analysis is the \$950,000 annual transfer from the General Fund for annual costs associated with the base stormwater management program. These funds support day-to-day operations, not capital projects. Estimated available funds for stormwater capital projects and expanded operating support in FY 2011 – FY 2013 are as follows:

<u>Funding Source</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>
Unrestricted Base CIP	\$1,000,000	\$1,000,000	\$1,000,000
Stormwater Management Tax	¹ <u>\$2,315,715</u>	<u>\$1,629,729</u>	<u>\$1,691,304</u>
Total	\$3,315,715	\$2,629,729	\$2,691,304

These revenue sources fund two categories of stormwater management projects: City-wide condition assessment and capacity analysis projects and discrete stormwater improvement projects included as “Miscellaneous Extension and Replacement of Storm Sewers” in the Proposed FY 2012 – 2021 CIP. Estimated available funding for these two categories of projects are detailed on the next page.

¹ FY 2011 estimated revenues include the second tax payment in FY 2010.

<u>Project Category</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>
Condition Assessment/Capacity Analysis	\$868,000	\$1,050,000	\$900,000
Misc. Ext. & Repl. of Storm Sewers	\$2,197,715	\$1,359,218	\$1,653,455
Expanded Operating Support	² \$250,000	³ \$220,601	\$225,563
Total	\$3,315,715	\$2,629,729	\$2,691,304

City-wide Condition Assessment and Capacity Analysis Projects:

Funding in the amount of \$2.818 million is provided in FY 2011 - FY 2013 to assess the condition and capacity the City's storm sewer system. The Storm/Combined Sewer Assessment and Remediation project includes funding of \$450,000 in FY2012 and \$900,000 in FY2013, and will identify rehabilitation needs in 14 miles of combined sewers and 185 miles of storm sewers, and provided funding for remediation. The Storm Sewer Capacity Analysis project includes funding of \$868,000 in FY 2011 and \$600,000 in FY 2012, and will continue the analysis of the City's storm sewer system, identifying areas susceptible to flooding. Capacity improvement projects identified through this analysis will be submitted in future CIP budgets.

Miscellaneous Extension and Replacement of Storm Sewers:

The second category of projects is discrete storm sewer improvement projects, with funding provided in the "Miscellaneous Extension and Replacement of Storm Sewers" project. These projects are identified as reconstruction projects due to deterioration or needed additional capacity to reduce flooding. Including a current unallocated balance of \$2.2 million, proposed FY 2012 funding of \$1.4 million, and proposed FY 2013 funding of \$1.6 million, a total of \$5.2 million will be available for these projects from FY 2011 – FY 2013. Staff will be accelerating project design and engineering efforts in FY 2011 and FY 2012, with major construction projects scheduled for FY 2013. This timeframe requires the stormwater management fund to "bank" FY 2011 and FY 2012 dedicated stormwater tax revenues to pay for FY 2013 construction projects. A summary of the individual projects prioritized under this project category is provided in the table below.

Project	Description	FY 2011	FY 2012	FY 2013
Monroe / Nelson Alley Improvements	Alley re-grading and storm sewer improvements to alleviate flooding on adjacent properties in the vicinity of Alexandria and Wayne Streets.	\$85,000	\$0	\$0
Bishop Ln. Drainage Improvements	Installation of storm sewer improvements to alleviate ponding and drainage onto adjacent properties from the public right-of-way.	\$100,000	\$0	\$0
Bruce St. Repetitive Loss Analysis	Conduct a study of the causes of flooding in the Bruce Street area and identify of possible mitigation measures.	\$100,000	\$0	\$0
Hooff's Run Park Drainage Improvements	Improvements to drainage in the park to eliminate flooding onto adjacent properties.	\$200,000	\$0	\$0

² FY 2011 funding for Expanded Operating Support in FY 2011 will not be needed; funding can be reprogrammed in future CIPs.

³ FY 2012 and FY 2013 Expanded Operating Support includes funding for Biological Nutrient Removal (BNR) filtration costs and dedicated stormwater management engineer and inspector positions.

