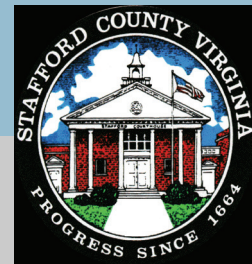


STAFFORD COUNTY, VIRGINIA

PROPOSED CAPITAL IMPROVEMENT PROGRAM FY 2012 - 2017



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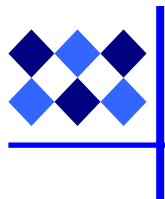


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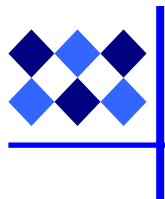


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CAPITAL IMPROVEMENTS PROGRAM

The CIP is an important component of the County's long range planning process. The first year of the CIP becomes the capital budget and the remaining years provide an estimated cost of the proposed projects and their anticipated funding sources. The CIP is reviewed annually and the priorities reevaluated based on conditions and requirements of the community.

Capital Improvement projects are items for which the purchase, construction, renovation, expansion, or the acquisition represents a public betterment and adds to the total physical worth of Stafford. Projects include, but are not limited to, expenditures for land, new structures, major repairs and renovations; maintenance of existing real property; and expenditures for machinery, equipment and vehicles. Each project should have a total cost of \$500,000 or more. Like projects can be combined when appropriate to meet the cost criteria. Scope of project includes all professional services (land acquisition, legal, planning, design) and construction costs.

Some significant benefits of the CIP are:

- Provides a budgeting tool which anticipates expenditure levels several years in advance to determine revenue needs and appropriate financing strategies;
- Provides a concise central source of information for citizens and land developers to accurately anticipate facilities in Stafford and to make their investment decisions accordingly;
- Assists in the implementation of the Comprehensive Plan; and
- Provides a sound and stable financial program.

Overall, the CIP provides a foundation for coordinating and managing programs and expenditures, and assisting the local government in maintaining an excellent level of service to the citizens of Stafford, now and in the future.



CAPITAL IMPROVEMENTS PROGRAM

The CIP Process

Project Request

Each June, representatives of County departments, offices and agencies are asked to submit a Capital Improvements Project (CIP) request form for each proposed project to establish priorities and to suggest a schedule for implementation.

Projected costs are determined using historical or current costs for similar projects based on engineering or architectural estimates when available. A 6.4% average annual escalation assumption is included for both general government and schools projects.

CIP Recommendation

The CIP committee evaluates the project requests individually to determine whether the project is appropriate. The recommendations of the CIP Committee are forwarded to the County Administrator. The County Administrator reviews the recommendations and prepares his recommended CIP.

Adoption of CIP

After considering the recommendation of the County Administrator, and following a public hearing, the Board of Supervisors adopts the CIP. The projects approved for funding in the current budget year become that year's Capital Budget. Those projects approved for funding in the subsequent years will serve as a guide to ongoing project planning and preparation of the following year's CIP.

Project Approval

The CIP is adopted for planning purposes only. Approval of the CIP does not authorize issuance of debt or expenditure of funds.

Authority to proceed is granted by the Board on a project-by-project basis. For each individual project, the Board will be asked to take action which will:

1. approve the project,
2. approve the funding source, and
3. appropriate project budget.



CAPITAL IMPROVEMENTS PROGRAM FUNDING SOURCES

There are a number of different funding sources available for the various types of projects included in the Capital Improvements Program (CIP).

Bonds

Bonds are usually proposed for projects requiring initial capital outlays which exceed current revenue funds available in the short term. Bonds include general obligation debt, which requires a referendum as well as lease/revenue bonds, which require only authorization by the Board of Supervisors. (Stafford County voters approved a \$70 million road bond referendum in November 2008 and a \$29 million Parks & Recreation bond referendum in November 2009.)

Virginia Public School Authority (VPSA) funds can only be used to support the construction of school facilities. Similarly, Literary Fund allocations, when available, can be designated to projects for new school construction.

Debt Limitations

The financial policies define the County's maximum debt. As part of the efforts to improve the County's bond rating, the Board amended its financial policies in July 2010 to lower debt limitations as follows:

- General obligation debt shall not exceed 3.5% of the assessed valuation of taxable real property, with a goal to reach 3% by July 1, 2015.
- General fund debt service expenditures (County and Schools) shall not exceed 11% of the general government budget, with a goal to reach 10% by July 1, 2015.
- Capital lease debt service shall not exceed 2% of the general government budget. Capital lease debt may only be used if the following four criteria are met:
 1. Capital lease purchase is eligible under state law for such financing; and,
 2. Useful life of the purchase equals or exceeds the term of the debt; and,
 3. Total purchase exceeds \$100,000; and,
 4. Sufficient funds are available to service the capital lease debt.

The County is in compliance with its current limits. The proposed CIP was formulated with a 3.5% debt to assessed value and 10.5% debt service to budget. The Board plans to gradually reduce the ratios, so that the needs of the community can continue to be addressed. The lower limits will be fully in place by the FY16-21 CIP.

New debt requires the County operating budget to absorb the increased debt service and any operating costs associated with the capital project. Prior to the issuance of any new debt, consideration will be given to current economic and budgetary conditions.



CAPITAL IMPROVEMENTS PROGRAM FUNDING SOURCES

Current Revenues

The Board's Principles of High Performance Financial Management state "An amount equivalent to 1% of general fund expenditures will be set aside for pay-as-you-go capital projects."

In keeping with the Board's intention to strengthen the County's financial position and enhance its bond rating, the Proposed FY12-17 CIP includes cash funded capital projects for all divisions. The School Board's Adopted budget includes some cash funding for infrastructure projects. County staff recommends that the Schools follow the same good financial practice, increasing cash funding to 1% of operating fund budget (including grant funds). This would amount to approximately \$2.5 million annually.

Other Revenue Sources

Other sources of revenue include State and Federal grants, private funds, transient occupancy taxes for tourism purposes, transportation service districts revenues, traffic impact fees and others. These funds are utilized to support a variety of projects.

State and federal government funding can support any project depending on its availability. Resources from the Potomac Rappahannock Transportation Commission (PRTC), motor fuels taxes, are limited to transportation-related projects, while water and sewer availability fees and pro rata fees can only be utilized for water and sewer projects.

Balancing the CIP

Work on balancing the FY 2012-17 CIP is ongoing.

- Total debt availability for the planning period: \$203.8M
- Debt-funded portion of the School Board's Adopted CIP: \$176.1M
- Debt-funded portion of County recommended general government CIP: \$102M
- Gap: \$74.3M

The School Board's Adopted budget includes \$5.9M cash funding for infrastructure projects. County staff recommends that the Schools increase annual cash capital to 1% of operating /grant/stimulus fund budgets. This would amount to approximately \$2.5 million annually. This action would reduce the gap to \$65.2M.

This table illustrates the funding gap, (after adjusting Schools' cash capital to 1% of budget):

Unconstrained CIP	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	Total
County Recommended CIP	\$9,267,000	\$23,157,000	\$34,139,000	\$8,498,000	\$15,705,000	\$11,219,000	\$101,985,000
School Board Adopted CIP	33,925,000	39,628,000	25,875,000	31,602,000	30,336,000	20,621,000	181,987,000
1% School Cash Capital	(2,500,262)	(2,500,262)	(2,500,262)	(2,500,262)	(2,500,262)	(2,500,262)	(15,001,572)
Total Borrows	40,691,738	60,284,738	57,513,738	37,599,738	43,540,738	29,339,738	268,970,428
Availability Limit	60,370,000	31,955,000	32,000,000	34,904,000	31,537,000	12,999,000	203,765,000
Cumulative (Deficit)/Surplus	19,678,262	(8,651,476)	(34,165,214)	(36,860,952)	(48,864,690)	(65,205,428)	

*Includes \$5.9M cash funding.

Staff recommends that Board of Supervisors review the general government CIP. After the Board reaches consensus on the general government CIP, the School Board would be given an amount for their share of the planning period's debt availability. The School Board can then bring back a CIP that meets the debt limitations.

WHAT'S NEW?

The FY 2012 - FY 2017 CIP builds on previously approved Capital Improvement Plans. Many of the projects in this CIP were included in earlier plans. A column, labeled "Prior Years" is included showing this continuity. This year's plan includes the following changes and updates:

County Government

Economic Development

The CIP includes several Economic Development Redevelopment projects that will advance the Redevelopment Plan and the Board's Ten Point Economic Development Plan. Staff is working to secure grant funding for these projects:

- Quantico Growth Management Committee's Priority US Hwy 1 project intended to correct flooding hazards and congestion due to Base Realignment and Closure (BRAC) efforts.
- Falmouth Safety and Parking improvements
- Nelms Circle traffic circulation improvements
- Widening and improvement of Telegraph Road (west) between Quantico and US Hwy 1
- Extension of Upton Lane in the Courthouse area
- Improvements to Butler Road between Colonial Avenue and Castle Rock Drive
- Commerce Parkway traffic circulation improvements

Parks, Recreations and Community Facilities

- The Parks Facilities Plan, approved on the November 5, 2008, identified several projects which were not included in the 2009 Parks Bond Referendum. The proposed CIP anticipates a future bond referendum to address these projects beginning in FY17.

Public Works

- Funding for design of third library is included in FY17.
- Cash is included in each year of the planning period to fund retrofit of stormwater facilities to comply with anticipated changes to pollution discharge limits related to Chesapeake Bay Act enforcement.

Illustrating that the CIP is an important component of the County's long range planning process, a box in the upper right hand portion of each project sheet shows its linkage to strategic initiatives of the Board of Supervisors.

Schools

The School Board's approved CIP is a separate attachment.



SUMMARY OF ALL PROJECTS

This section contains a summary of the FY2012-17 Capital projects. Tables and charts are included to show the funding breakdown and impact on the operating budget during the planning period.

The second page of this section contains the bond funded projects. These are the projects are subject to the Board's affordability limitations. The change in the County's debt service is illustrated in the accompanying chart.



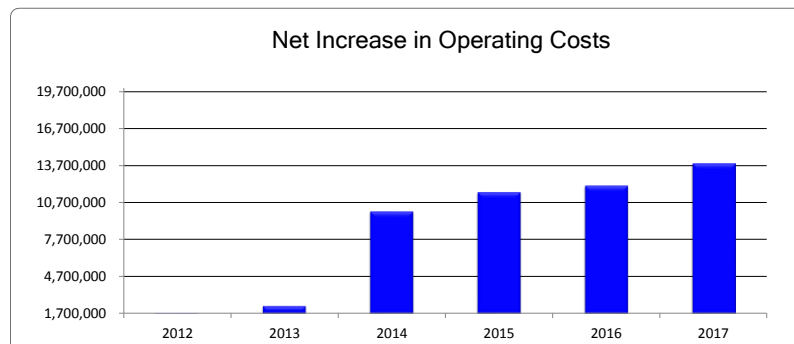
COUNTY OF STAFFORD, VIRGINIA
PROPOSED CAPITAL IMPROVEMENT PROGRAM
FY2012-2017

All Projects - All Funding Sources

Projects	Prior Funding	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	Total This Period	Later Years Funding	Total Project Cost
Economic Development - Redevelopment	530,000	1,455,000	5,393,000	13,044,000	8,844,000	8,850,000	11,502,000	49,088,000	0	49,618,000
Fire Rescue and Emergency Services	1,000,000	4,212,000	7,118,000	2,440,000	2,513,000	3,512,000	8,120,000	27,915,000	0	28,915,000
Information Technology	300,000	3,880,000	200,000	100,000	100,000	100,000	100,000	4,480,000	0	4,780,000
Parks, Recreation and Community Facilities	5,193,000	7,785,000	11,549,000	6,245,000	4,400,000	905,000	1,082,000	31,966,000	0	37,159,000
Public Works	667,000	4,389,000	24,791,000	1,457,000	2,129,000	7,800,000	2,825,000	43,391,000	16,626,000	60,684,000
Transportation	13,126,000	7,179,000	8,160,000	33,575,000	35,740,000	12,350,000	5,765,000	102,769,000	29,405,000	145,300,000
Schools										
Project Total	\$20,816,000	\$28,900,000	\$57,211,000	\$56,861,000	\$53,726,000	\$33,517,000	\$29,394,000	\$259,609,000	\$46,031,000	\$326,456,000

Funding Summary	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	Total
County	\$9,267,000	\$43,881,000	\$13,415,000	\$7,955,000	\$16,283,000	\$11,219,000	\$102,020,000
Schools	-	-	-	-	-	-	-
Bond	\$9,267,000	\$43,881,000	\$13,415,000	\$7,955,000	\$16,283,000	\$11,219,000	\$102,020,000
Service District Supported GO Bonds	0	0	5,860,000	15,410,000	0	0	21,270,000
Master Lease	6,755,000	1,494,000	1,538,000	1,584,000	1,914,000	1,681,000	14,966,000
Other Funding Sources	10,678,000	8,788,000	33,014,000	25,644,000	12,077,000	13,064,000	103,265,000
Cash Funded (County)	2,200,000	3,048,000	3,034,000	3,133,000	3,243,000	3,430,000	18,088,000
Cash Funded (Schools)							
	\$28,900,000	\$57,211,000	\$56,861,000	\$53,726,000	\$33,517,000	\$29,394,000	\$259,609,000

Operating Impacts Summary	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	239,000	2,852,000	3,236,000	3,383,000	3,485,000
Operating	20,000	574,000	1,907,000	1,858,000	1,620,000	1,697,000
Debt Service Bond (cumulative)	0	775,000	4,447,000	5,570,000	6,236,000	7,599,000
Debt Service Master Lease (cumulative)	0	604,000	802,000	1,006,000	964,000	1,218,000
Revenue/Savings	0	123,000	(47,000)	(163,000)	(171,000)	(179,000)
Total	\$20,000	\$2,315,000	\$9,961,000	\$11,507,000	\$12,032,000	\$13,820,000





COUNTY OF STAFFORD, VIRGINIA PROPOSED CAPITAL IMPROVEMENT PROGRAM FY2012-2017

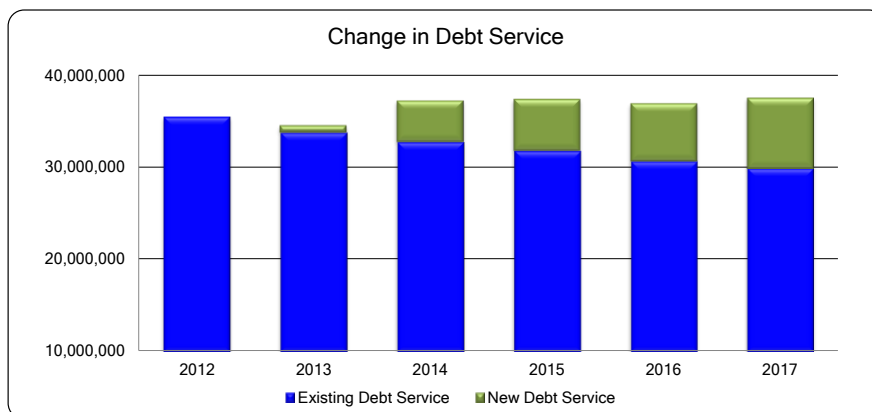
Bond Funded Projects

(Funding for these projects is subject to Board's Principles of High Performance Financial Management debt limitations)

Projects	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	Total This Period
Economic Development - Redevelopment	0	0	0	0	0	0	0
Fire Rescue and Emergency Services	712,000	4,748,000	0	0	641,000	5,454,000	11,555,000
Information Technology	0	0	0	0	0	0	0
Parks, Recreation and Community Facilities	6,505,000	10,641,000	5,345,000	3,500,000	0	100,000	26,091,000
Public Works	0	22,852,000	0	0	5,157,000	100,000	28,109,000
Transportation	2,050,000	5,640,000	8,070,000	4,455,000	10,485,000	5,565,000	36,265,000
Schools							
Project Total	\$9,267,000	\$43,881,000	\$13,415,000	\$7,955,000	\$16,283,000	\$11,219,000	\$102,020,000

Bond Funded Summary (master lease not included)	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	Total
County	\$9,267,000	\$43,881,000	\$13,415,000	\$7,955,000	\$16,283,000	\$11,219,000	\$102,020,000
Schools	-	-	-	-	-	-	-
Total Borrows	9,267,000	43,881,000	13,415,000	7,955,000	16,283,000	11,219,000	102,020,000
Availability Limit	60,370,000	31,955,000	32,000,000	34,904,000	31,537,000	12,999,000	203,765,000
Cumulative (Deficit)/Surplus	51,103,000	39,177,000	57,762,000	84,711,000	99,965,000	101,745,000	

Debt Service	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Existing Debt Service	35,447,000	33,738,000	32,721,000	31,767,000	30,639,000	29,864,000
New Debt Service	0	775,000	4,447,000	5,570,000	6,236,000	7,599,000
Total Debt	35,447,000	34,513,000	37,168,000	37,337,000	36,875,000	37,463,000





ECONOMIC DEVELOPMENT

Projects	Prior Funding	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	Later Years Funding	Total Project Cost
Quantico Growth Management Committee's Priority US Hwy 1	\$445,000	\$955,000	\$3,458,000	\$11,220,000	\$7,762,000	\$7,762,000	\$11,502,000	\$0	43,104,000
Falmouth Safety and Parking Improvements	85,000	100,000	408,000	408,000	0	0	0	0	1,001,000
Sebring Circle	0	200,000	242,000	793,000	962,000	0	0	0	2,197,000
Telegraph Road West	0	100,000	344,000	623,000	0	0	0	0	1,067,000
Upton Lane	0	100,000	941,000	0	0	0	0	0	1,041,000
Butler Road	0	0	0	0	120,000	1,088,000	0	0	1,208,000
Total	\$530,000	\$1,455,000	\$5,393,000	\$13,044,000	\$8,844,000	\$8,850,000	\$11,502,000	\$0	\$49,618,000

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

QUANTICO GROWTH MGT. COMMITTEE'S PRIORITY US HWY 1

Total Project Cost: \$43,104,000

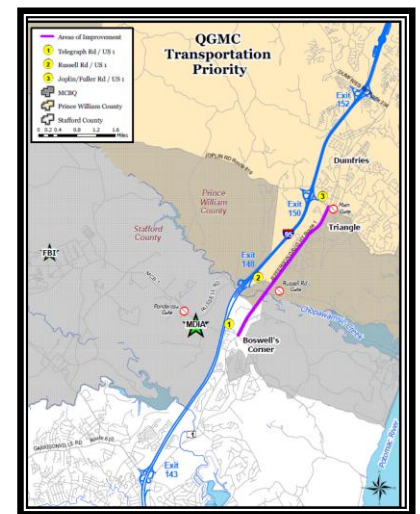
Est. Opening Date: FY2018

Links to Board's Strategic Initiatives

- Redevelopment Plan
- Comprehensive Plan
- Transportation Plan
- Economic Development 10 Point Plan

PROGRAM DESCRIPTION

Redevelopment project in Boswell's Corner to widen and improve U.S. Hwy 1 to correct flooding hazards and mitigate congestion associated with Base Realignment and Closure (BRAC) redeployments. This project will improve the level-of-service along U.S. Hwy 1 by adding two additional traffic lanes and enhancing safety in the corridor by providing pedestrian and transit facilities. This initial phase is a joint project recommended by the Quantico Growth Management Committee for Stafford and Prince William Counties. The limits of this joint project are Joplin Rd to the north and Telegraph Rd to the south. Stafford County is the fiscal agent for this initial phase which is funded by an \$800,000 (\$400,000 is Stafford's share) grant from the Department of Defense, Office of Economic Adjustment, and matched by \$45,000 from Stafford County and \$45,000 from Prince William County. This initial phase will prepare 30% engineering documents, part of the overall preliminary engineering phase of the construction project. This project is recommended by the Boswell's Corner Redevelopment Plan and it is consistent with the 2005 County Transportation Plan and the 2008 VNDIA Multimodal Study.



OPERATING IMPACT SUMMARY

No operating impacts are expected for the County. Staff is working to secure grant funding for this entire project. VDOT is responsible for roadway operations and maintenance.

PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	445,000	955,000	0	0	0	0	0
Property Acquisition	0	0	3,458,000	3,458,000	0	0	0
Construction / Project	0	0	0	7,762,000	7,762,000	7,762,000	7,762,000
Contingency	0	0	0	0	0	0	3,740,000
Other	0	0	0	0	0	0	0
Total	\$445,000	\$955,000	\$3,458,000	\$11,220,000	\$7,762,000	\$7,762,000	\$11,502,000

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	45,000	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	0	0	0	0	0	0
Grants	400,000	955,000	3,458,000	11,220,000	7,762,000	7,762,000	11,502,000
Total	\$445,000	\$955,000	\$3,458,000	\$11,220,000	\$7,762,000	\$7,762,000	\$11,502,000

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

FALMOUTH SAFETY & PARKING IMPROVEMENTS

Total Project Cost: \$1,001,000

Est. Opening Date: FY2015

PROGRAM DESCRIPTION

A Redevelopment project in Falmouth to improve safety by completing improvements to Butler Road. Previous projects have improved Butler Road east of Castle Rock Drive. The bottleneck caused by this final unimproved segment, between Castle Rock Drive and Colonial Avenue, causes congestion on Butler Road which tends to divert traffic to River Road. The condition of River Road, and its propensity for flooding, makes it a less attractive alternate route for peak traffic flows. Construction could primarily take place on property owned by the County. This project should be coordinated with VDOT's Falmouth intersection improvement project. This project is consistent with the Falmouth Redevelopment Plan and the 2005 County Transportation Plan.

Links to Board's Strategic Initiatives

- Redevelopment Plan
- Comprehensive Plan
- Transportation Plan
- Economic Development 10 Point Plan

OPERATING IMPACT SUMMARY

All construction projects will take place on County-owned and maintained properties, or within existing VDOT right-of-way, no additional operating impacts are anticipated at this time. Staff is working to secure grant funding for this entire project.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	85,000	100,000	0	0	0	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	0	408,000	408,000	0	0	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$85,000	\$100,000	\$408,000	\$408,000	\$0	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	85,000	100,000	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Grants	0	0	408,000	408,000	0	0	0
Total	\$85,000	\$100,000	\$408,000	\$408,000	\$0	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

SEBRING CIRCLE

Total Project Cost: \$2,197,000

Est. Opening Date: FY2016

Links to Board's Strategic Initiatives

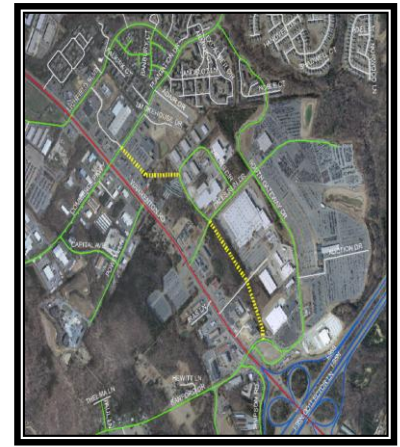
- Redevelopment Plan
- Comprehensive Plan
- Economic Development 10 Point Plan

PROGRAM DESCRIPTION

Redevelopment project in the Southern Gateway to improve home-to-market traffic circulation between commercial properties along U.S. Hwy 17 and adjacent residential communities. This is the first of several roadway improvements recommended by the Southern Gateway Redevelopment Plan to improve access throughout the redevelopment area by establishing alternate routes via a grid-based system of local streets and interparcel connections. Wherever possible, these connections will be made by extending existing streets in order to minimize disruptions to established neighborhoods and communities. This project is recommended by the Southern Gateway Redevelopment Plan. Since this project involves a local street, it falls outside the scope of the 2005 County Transportation Plan.

OPERATING IMPACT SUMMARY

No operating impacts are expected for the County. Staff is working to secure grant funding for this entire project. Upon completion, VDOT becomes the owner of the improvement.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	200,000	0	0	0	0	0
Property Acquisition	0	0	242,000	0	0	0	0
Construction / Project	0	0	0	793,000	793,000	0	0
Contingency	0	0	0	0	169,000	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$200,000	\$242,000	\$793,000	\$962,000	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	0	0	0	0	0	0
Service District	0	200,000	242,000	793,000	962,000	0	0
Total	\$0	\$200,000	\$242,000	\$793,000	\$962,000	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

TELEGRAPH ROAD WEST

Total Project Cost: \$1,067,000

Est. Opening Date: FY2015

[Links to Board's Strategic Initiatives](#)

- Redevelopment Plan
- Comprehensive Plan
- Transportation Plan
- Economic Development 10 Point Plan

PROGRAM DESCRIPTION

Redevelopment project in Boswell's Corner will widen and improve Telegraph Road between MCB Quantico and U.S. Hwy 1 to bring the road up to minimum VDOT standards in order to mitigate congestion associated with Base Realignment and Closure (BRAC) Commission redeployments. This project is part of a larger project to (1) widen and improve U.S. Hwy 1 between Joplin Road in Prince William County and Telegraph Road in Stafford County, and (2) improvement of the intersection of U.S. Hwy 1 and Telegraph Road. These related projects are detailed elsewhere in this CIP. This project will improve the level-of-service along Telegraph Road and enhance safety by providing pedestrian and transit facilities. This project is recommended by the Boswell's Corner Redevelopment Plan and it is consistent with the 2005 County Transportation Plan and the 2008 VNDIA Multimodal Study.



OPERATING IMPACT SUMMARY

No operating impacts are expected for the County. Staff is working to secure grant funding for this entire project. VDOT is responsible for roadway operations and maintenance.

PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	100,000	0	0	0	0	0
Property Acquisition	0	0	344,000	0	0	0	0
Construction / Project	0	0	0	566,000	0	0	0
Contingency	0	0	0	57,000	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$100,000	\$344,000	\$623,000	\$0	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	0	0	0	0	0	0
Service District	0	100,000	344,000	623,000	0	0	0
Total	\$0	\$100,000	\$344,000	\$623,000	\$0	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

UPTON LANE

Total Project Cost: \$1,041,000

Est. Opening Date: FY2014

PROGRAM DESCRIPTION

Redevelopment project in the Courthouse Redevelopment Area to improve safety and circulation by extending Upton Lane from U.S. Hwy 1 easterly to Stafford Avenue and by extending Upton Lane from U.S. Hwy 1 westerly through the County Administration parking lots and connecting to the existing access road to Courthouse Road. This project is recommended by the Courthouse Area Redevelopment Plan. Since it is a local street, it falls outside the scope of the 2005 County Transportation Plan. Construction will primarily take place on property owned by the County and County Schools. Only minimal acquisition of privately owned property is anticipated. This project will provide additional capacity to the traffic network associated with the substandard intersection of U.S. Hwy 1 and Courthouse Road. Construction of this project should be coordinated with the design of the new Courthouse Annex building adjacent to the County Administration Building.

Links to Board's Strategic Initiatives

- Redevelopment Plan
- Comprehensive Plan
- Transportation Plan
- Economic Development 10 Point Plan



OPERATING IMPACT SUMMARY

Upon completion, the road would be turned over to VDOT for operation and maintenance. Staff is working to secure grant funding for this entire project.

PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	100,000	0	0	0	0	0
Property Acquisition	0	0	121,000	0	0	0	0
Construction / Project	0	0	745,000	0	0	0	0
Contingency	0	0	75,000	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$100,000	\$941,000	\$0	\$0	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	0	0	0	0	0	0
Service District	0	100,000	941,000	0	0	0	0
Total	\$0	\$100,000	\$941,000	\$0	\$0	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

BUTLER ROAD

Total Project Cost: \$1,208,000

Est. Opening Date: FY2017

PROGRAM DESCRIPTION

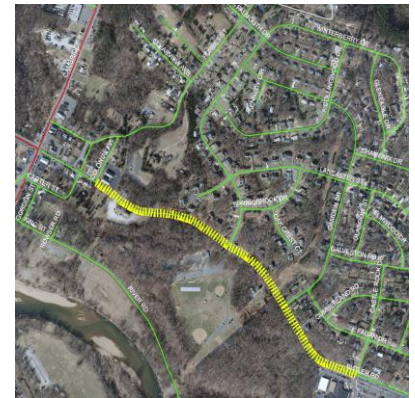
Redevelopment project in Falmouth to improve safety by completing improvements to Butler Road between Colonial Avenue and Castle Rock Drive. Construction could primarily take place on property owned by the County. This project should be coordinated with VDOT's Falmouth intersection improvement project. This project is recommended by the Falmouth Redevelopment Plan and it is consistent with the 2005 County Transportation Plan.

Links to Board's Strategic Initiatives

- Redevelopment Plan
- Comprehensive Plan
- Transportation Plan
- Economic Development 10 Point Plan

OPERATING IMPACT SUMMARY

This road is maintained by VDOT. Staff is working to secure grant funding for this entire project.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	0	0	120,000	0	0
Property Acquisition	0	0	0	0	0	100,000	0
Construction / Project	0	0	0	0	0	898,000	0
Contingency	0	0	0	0	0	90,000	0
Other	0	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$120,000	\$1,088,000	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	0	0	0	0	0	0
Grants	0	0	0	0	120,000	1,088,000	0
Total	\$0	\$0	\$0	\$0	\$120,000	\$1,088,000	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0



FIRE RESCUE AND EMERGENCY SERVICES SUMMARY

Projects	Prior Funding	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	Later Years Funding	Total Project Cost
Replacement Apparatus	0	3,500,000	2,370,000	2,440,000	2,513,000	2,871,000	2,666,000	0	16,360,000
Training Center	0	0	0	0	0	641,000	5,454,000	0	6,095,000
Fire & Rescue Station 14	1,000,000	712,000	4,748,000	0	0	0	0	0	6,460,000
Total	\$1,000,000	\$4,212,000	\$7,118,000	\$2,440,000	\$2,513,000	\$3,512,000	\$8,120,000	\$0	\$28,915,000

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	1,041,000	1,072,000	1,104,000	1,137,000
Operating	0	0	223,000	230,000	237,000	244,000
Debt Service	0	60,000	457,000	457,000	457,000	511,000
Debt Service Master Lease	0	352,000	550,000	754,000	964,000	1,218,000
Revenue	0	0	0	0	0	0
Total	\$0	\$412,000	\$2,271,000	\$2,513,000	\$2,762,000	\$3,110,000

REPLACEMENT APPARATUS

Total Project Cost: \$16,360,000

Est. Opening Date: N/A

Links to Board's Strategic Initiatives

- Supports the Principles of High Performance Financial Management
- Response time improvement

PROGRAM DESCRIPTION

Scheduled replacement due to age and/or engine mileage hour indication will ensure the viability of the fire and rescue fleet. This program fixes the yearly replacement costs for apparatus. Apparatus that need replacement on a scheduled basis include engines, ladders, heavy rescue apparatus, tankers, Fire/Rescue boats and ambulances. This program will ensure yearly replacement based on need and will avoid the development of a situation in which equipment would need immediate replacement in the same year. Typical service life is 15 years for boats and tankers; 10 years for engines, ladders, heavy rescues, and pumper/tankers; and five years for ambulances. This plan replaces only primary apparatus and supports fleet reduction by not replacing duplicate apparatus.

OPERATING IMPACT SUMMARY

There will be additional debt service for equipment purchased using the Master Lease. There will be no additional costs for the operating of the replacement equipment.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Ambulance		850,000	876,000	902,000	929,000	957,000	985,000
Engines		500,000	515,000	530,000	546,000	563,000	580,000
Heavy Rescue		1,200,000	0	0	0	1,351,000	0
Ladder Trucks		950,000	979,000	1,008,000	1,038,000	0	1,101,000
Total	\$0	\$3,500,000	\$2,370,000	\$2,440,000	\$2,513,000	\$2,871,000	\$2,666,000

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	850,000	876,000	902,000	929,000	957,000	985,000
Bonds	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Master Lease	0	2,650,000	1,494,000	1,538,000	1,584,000	1,914,000	1,681,000
Total	\$0	\$3,500,000	\$2,370,000	\$2,440,000	\$2,513,000	\$2,871,000	\$2,666,000

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service Master Lease	0	352,000	550,000	754,000	964,000	1,218,000
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$352,000	\$550,000	\$754,000	\$964,000	\$1,218,000

TRAINING CENTER

Total Project Cost: \$6,095,000

Est. Opening Date: 2017

PROGRAM DESCRIPTION

Construction of a Fire and Rescue Training and Logistics Center, adjacent to Colonial Forge HS, to serve as the training facility for the Fire and Rescue (career and volunteer) employees. The center would also support the education of high school students in the highly successful fire and EMS training program. The facility is sorely needed to meet live fire and multi-company training requirements, and would also house training props, equipment storage, and repair functions. Saving lives and avoiding injury to our personnel are two of the primary reasons for the investment in training. There is no substitute for live experience under safe, controlled conditions before dealing with emergency incidents. Stafford County currently has no such facility and must arrange training time at facilities outside the County. This is costly and limits frequency of training, taking personnel and equipment far "out-of-pocket", increasing overtime costs, impacting in-service unit coverage, and contributing to longer response times. This arrangement is often difficult for volunteers, contributing to the loss of active volunteers. This facility could be used nights and weekends, providing greater flexibility to meet training needs of volunteers. The facility would be approximately 16,000 square feet. Project includes site development, classroom building, two vehicle maintenance bays, logistics support warehouse, construction of a drill tower with burn room and training props for technical rescue and water drafting and drivers training. It would replace the "boat" facility currently being used. Projects costs include training facility, burn unit and related equipment.

Links to Board's Strategic Initiatives

- Response time improvement



OPERATING IMPACT SUMMARY

Operating cost will begin in FY2018

PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	0	0	0	641,000	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	0	0	0	0	0	5,454,000
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$641,000	\$5,454,000

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	641,000	5,454,000
Master Lease	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$641,000	\$5,454,000

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	54,000
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$54,000

FIRE AND RESCUE STATION 14

Total Project Cost: \$6,460,000

Est. Opening Date: 2013

Links to Board's Strategic Initiatives

- Response time improvement

PROGRAM DESCRIPTION

The North County Fire and Rescue station will be located at 53 Shelton Shop Road in Stafford, Virginia. The Garrisonville area is a high growth, heavily populated and commercialized area that is currently critically underserved. Response times in this area are rarely within benchmark and the hazard/risk analysis shows this to be a critical need area for a fire and rescue station. It is anticipated that this station would serve as a career staffed "hub" station as identified in the Tri-Data Fire and Rescue service study.

OPERATING IMPACT SUMMARY

Funding for 18 new employees will be needed when operations begin. The 18 new employees are in addition to the 12 employees already stationed at the temporary North County Fire and Rescue station. The additional employees will allow for the station to be fully staffed 24/7 with an engine, ladder, and medic unit. Current staffing is for an engine crew only. Prior funding includes \$1,000,000 for property acquisition. Property was purchased in FY11. There will also be a need for one-time start up costs for the facility.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	712,000	0	0	0	0	0
Property Acquisition	1,000,000	0	0	0	0	0	0
Construction / Project	0	0	4,522,000	0	0	0	0
Contingency	0	0	226,000	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$1,000,000	\$712,000	\$4,748,000	\$0	\$0	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	1,000,000	712,000	4,748,000	0	0	0	0
Master Lease	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$1,000,000	\$712,000	\$4,748,000	\$0	\$0	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	1,041,000	1,072,000	1,104,000	1,137,000
Operating	0	0	223,000	230,000	237,000	244,000
Debt Service	0	60,000	457,000	457,000	457,000	457,000
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$60,000	\$1,721,000	\$1,759,000	\$1,798,000	\$1,838,000

INFORMATION TECHNOLOGY SUMMARY

Projects	Prior Funding	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	Later Years Funding	Total Project Cost
Land Information System	\$0	\$680,000	\$0	\$0	\$0	\$0	\$0	\$0	\$680,000
Computer Aided Dispatch	300,000	2,900,000	0	0	0	0	0	0	3,200,000
IT Infrastructure	0	300,000	200,000	100,000	100,000	100,000	100,000	0	900,000
Total	\$300,000	\$3,880,000	\$200,000	\$100,000	\$100,000	\$100,000	\$100,000	\$0	\$4,780,000

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	284,000	292,000	301,000	310,000	319,000
Debt Service	0	0	0	0	0	0
Debt Service Master Lease	0	637,000	637,000	637,000	385,000	385,000
Revenue	0	0	0	0	0	0
Total	\$0	\$921,000	\$929,000	\$938,000	\$695,000	\$704,000

LAND INFORMATION SYSTEM

Total Project Cost: \$680,000

Est. Opening Date: 2012

Links to Board's Strategic Initiatives

- Information Technology Strategic Plan
- Economic Development 10 Point Plan

PROGRAM DESCRIPTION

The Land Information system is the County's core application for planning, zoning, transportation, securities, building permits, building inspections, code enforcement, utilities infrastructure, utilities work orders, utilities inspections, parks and recreation facilities management, citizens assistance call logging and fire inspections. The County's technology assessment that was done in the development of the Strategic Technology Plan recommended updating this software from a client server technology to a current web browser technology. Standardizing the operating environment to current technology will make maintenance and support considerably more efficient and minimizes the number of problems with the operational environment. The upgrade will also provide a better integration of information between departments.

OPERATING IMPACT SUMMARY

There is a minimal increase in operating costs beginning in FY13 for annual software maintenance. 20% of the project cost will be provided by the Department of Utilities. Staff is exploring the possibility of implementing a technology fee to offset the cost. The fee would be applied during the permitting process.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	30,000	0	0	0	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	650,000	0	0	0	0	0
Contingency	0	0	0	0	0	0	0
Other	0	650,000	0	0	0	0	0
Total	\$0	\$680,000	\$0	\$0	\$0	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0
Master Lease	0	680,000	0	0	0	0	0
Total	\$0	\$680,000	\$0	\$0	\$0	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	6,000	6,000	6,000	6,000	6,000
Debt Service Master Lease	0	252,000	252,000	252,000		0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$258,000	\$258,000	\$258,000	\$6,000	\$6,000

COMPUTER AIDED DISPATCH

Total Project Cost: \$3,200,000

Est. Opening Date: 2013

Links to Board's Strategic Initiatives

- Information Technology Strategic Plan
- Response time improvement

PROGRAM DESCRIPTION

The Computer Aided Dispatch project replaces a system that operates utilizing 20 year old technology with limited functionality. This outdated technology creates a challenging and time consuming situation for public safety staff who work relentlessly to circumvent a system that no longer performs adequately. The current system requires extensive training before a new dispatcher is efficient enough to skillfully dispatch calls and provides considerable less information to responders than what is accessible with newer up to date systems. For example, the current system only recommends one type of unit. The system will not allow and/or recommend dispatching two units such as a medic unit and/or a paramedic engine which is an extreme limitation for fire and rescue calls. In order to provide citizens with a superlative response when they call 911 it is essential that the County's emergency communication staff and responders be equipped with more current technology. A new system will be integrated in real-time with GIS and able to pass data to state and federal systems and provide efficient access by mobile computers to public safety personnel in the field.



OPERATING IMPACT SUMMARY

Operating impacts include annual software maintenance and hardware maintenance beginning in FY 13.

PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	300,000	0	0	0	0	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0
Equipment/Software	0	2,900,000	0	0	0	0	0
Total	\$300,000	\$2,900,000	\$0	\$0	\$0	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
Master Lease	0	2,900,000	0	0	0	0	0
Grants	300,000	0	0	0	0	0	0
Total	\$300,000	\$2,900,000	\$0	\$0	\$0	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	278,000	286,000	295,000	304,000	313,000
Debt Service Master Lease	0	385,000	385,000	385,000	385,000	385,000
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$663,000	\$671,000	\$680,000	\$689,000	\$698,000

INFORMATION TECHNOLOGY INFRASTRUCTURE

Total Project Cost: \$900,000

Est. Opening Date: 0

[Links to Board's Strategic Initiatives](#)

- Information Technology Strategic Plan
- Principles of High Performance Financial Management

PROGRAM DESCRIPTION

Information Technology infrastructure should be upgraded as appropriate to maintain reliable service levels. Standardizing the operating environment with current versions of systems software and hardware and implementing new technology will reduce cost, improve efficiency, make maintenance and support considerably more efficient and minimize the number of problems with the operational environment.

OPERATING IMPACT SUMMARY

There are no additional operating costs associated with this project.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Servers and Network	0	100,000	100,000	100,000	100,000	100,000	100,000
Storage Area Network (SAN)	0	100,000	0	0	0	0	0
VM Cluster for PSB	0	100,000	100,000	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Total	\$0	\$300,000	\$200,000	\$100,000	\$100,000	\$100,000	\$100,000

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	300,000	200,000	100,000	100,000	100,000	100,000
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$300,000	\$200,000	\$100,000	\$100,000	\$100,000	\$100,000

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

INFORMATION TECHNOLOGY INFRASTRUCTURE

FY2012 Projects	Project Amount
Servers and Network	\$100,000
Storage Area Network (SAN)	100,000
Virtual Machine Cluster for Public Safety building	100,000
FY2012 Total	\$300,000
FY2013 Projects	
Servers	\$100,000
Virtual Machine Cluster for Public Safety building	100,000
	\$200,000
FY2014 Projects	
Servers	\$100,000
	\$100,000
FY2014 Total	\$100,000
FY2015 Projects	
Servers	\$100,000
	\$100,000
FY2015 Total	\$100,000
FY2016 Projects	
Servers	\$100,000
	\$100,000
FY2016 Total	\$100,000
FY2017 Projects	
Servers	\$100,000
	\$100,000
FY2017 Total	\$100,000
Total FY2012 thru FY2017	\$900,000





PARKS, RECREATION AND COMMUNITY FACILITIES SUMMARY

2009 Bond Projects	Prior Funding	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	Later Years Funding	Bond Funding	Total Project Cost
Land Acquisition	0	2,000,000	0	0	0	0	0	0	2,000,000	2,000,000
Improvements to Existing Parks	0	0	0	0	2,000,000	0	0	0	2,000,000	2,000,000
Chichester Park*	947,000	3,000,000	3,091,000	0	0	0	0	0	6,700,000	7,038,000
Curtis Park Pool*	6,000	550,000	5,450,000	0	0	0	0	0	6,000,000	6,006,000
Mcduff Green Park Phase 2	50,000	0	450,000	0	500,000	0	0	0	1,000,000	1,000,000
Musselman Park*	1,237,000	300,000	1,650,000	0	0	0	0	0	2,000,000	3,187,000
Rectangular Fields with Land	2,300,000	655,000	0	5,345,000	0	0	0	0	8,300,000	8,300,000
Bond Trails	0	0	0	0	1,000,000	0	0	0	1,000,000	1,000,000
Total	\$4,540,000	\$6,505,000	\$10,641,000	\$5,345,000	\$3,500,000	\$0	\$0	\$0	\$29,000,000	\$30,531,000

*Prior Funding includes \$1.5 million of the 2001 Bonds.

Projects	Prior Funding	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	Later Years Funding	Bond Funding	Total Project Cost
Park Bond Interest	653,000	580,000	0	0	0	0	0	0	0	1,233,000
Future Parks Projects	0	0	0	0	0	0	100,000	0	0	100,000
Infrastructure	0	700,000	908,000	900,000	900,000	905,000	982,000	0	0	5,295,000
Total	653,000	1,280,000	908,000	900,000	900,000	905,000	1,082,000	0	0	6,628,000
Total all Projects	5,193,000	7,785,000	11,549,000	6,245,000	4,400,000	905,000	1,082,000	0	29,000,000	37,159,000

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	239,000	795,000	1,118,000	1,202,000	1,238,000
Operating	4,000	436,000	1,149,000	1,203,000	888,000	885,000
Debt Service	0	544,000	1,435,000	1,882,000	2,175,000	2,175,000
Revenue	0	0	(170,000)	(286,000)	(294,000)	(302,000)
Total	\$4,000	\$1,219,000	\$3,209,000	\$3,917,000	\$3,971,000	\$3,996,000

LAND ACQUISITION

Total Project Cost: \$2,000,000

Est. Opening Date: FY2012

[Links to Board's Strategic Initiatives](#)

PROGRAM DESCRIPTION

Purchase of land yet to be identified for construction of park facilities. To assist with meeting the needs of the citizens for park lands.

- Approved by the voters in the 2009 referendum
- Parks & Rec Commission Facilities Plan

OPERATING IMPACT SUMMARY

No operating impacts associated with the purchase of the land.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	0	0	0	0	0
Property Acquisition	0	2,000,000	0	0	0	0	0
Construction / Project	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$2,000,000	\$0	\$0	\$0	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	2,000,000	0	0	0	0	0
ProRata Fees	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$2,000,000	\$0	\$0	\$0	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	167,000	167,000	167,000	167,000	167,000
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$167,000	\$167,000	\$167,000	\$167,000	\$167,000

IMPROVEMENTS TO EXISTING PARKS

Total Project Cost: \$2,000,000

Est. Opening Date: FY2016

[Links to Board's Strategic Initiatives](#)

- Approved by the voters in the 2009 referendum
- Parks & Rec Commission Facilities Plan

PROGRAM DESCRIPTION

The improvements funded by this project will provide much needed renovations to playgrounds, picnic shelters, trails, courts, skate parks, and signage in various parks. It will also fund improved ADA accessibility of facilities in the parks. Many of the facilities in this project have come to the end of their useful life. Some may have already been removed because of safety concerns. Wayfinding signage within parks is needed for patrons to know where the amenities in parks are. Many existing facilities in the parks are old and do not comply with current ADA accessibility standards. Improvements were identified in the Facilities Plan approved November 5, 2008. Identified as a project proposed in the 2009 park bond program.

OPERATING IMPACT SUMMARY

No increase in operating cost is expected as a result of this project. It is conceivable that operating and maintenance savings may be realized as a result of upgrading the facilities.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	0	0	167,000	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	0	0	0	1,666,000	0	0
Contingency	0	0	0	0	167,000	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$2,000,000	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	2,000,000	0	0
ProRata Fees	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$2,000,000	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	167,000	167,000
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$167,000	\$167,000

CURTIS PARK POOL

Total Project Cost: \$6,006,000

Est. Opening Date: FY2014

Links to Board's Strategic Initiatives

- Approved by the voters in the 2009 referendum
- Parks & Rec Commission Facilities Plan

PROGRAM DESCRIPTION

This project involves demolishing the existing pool and bath house and constructing a new covered 25 yard X 50 meter pool, constructing a new bath house, with adequate staff facilities and locker rooms, and providing improved accessibility. The pool facilities at Curtis Memorial Park were constructed in 1976 and have been deteriorating rapidly over the recent years. Issues such as water leaks in the system with the Baby Pool, breaking apart of concrete at the main pool area and outdated restroom facilities have arisen. The entire facility is reaching the end of its useful life. The pool and bath house area needs total renovation as part of this project. Additional indoor pool space is needed to satisfy the demands for department programs, leisure swimming, and competitive swimming. Enclosing a reconstructed pool can satisfy the demands for indoor water. Existing parking can be reused with improvements to accessibility. Identified in the Facilities Plan approved November 5, 2008. Identified as a project proposed in the 2009 park bond program.



OPERATING IMPACT SUMMARY

Estimated annual operating impact beginning in FY14 includes 1 additional FT Recreation Programmer, 21 PT aquatics staff positions, and 1 FT park maintenance worker position. Operating costs for the facility and utilities are offset by anticipated direct and indirect revenues.

PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	6,000	550,000	0	0	0	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	0	4,954,000	0	0	0	0
Contingency	0	0	496,000	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$6,000	\$550,000	\$5,450,000	\$0	\$0	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	6,000	0	0	0	0	0	0
Bonds	0	550,000	5,450,000	0	0	0	0
ProRata Fees	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$6,000	\$550,000	\$5,450,000	\$0	\$0	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	426,000	438,000	451,000	465,000
Operating	0	0	800,000	605,000	623,000	642,000
Debt Service	0	46,000	502,000	502,000	502,000	502,000
Revenue/Savings	0	0	(136,000)	(140,000)	(144,000)	(148,000)
Total	\$0	\$46,000	\$1,592,000	\$1,405,000	\$1,432,000	\$1,461,000

MCDUFF GREEN PHASE 2

Total Project Cost: \$1,000,000

Est. Opening Date: FY2014

Links to Board's Strategic Initiatives

- Approved by the voters in the 2009 referendum
- Parks & Rec Commission Facilities Plan

PROGRAM DESCRIPTION

This project plans the use of approximately 128 acres of new parkland which was donated to the County in 2009 in relation with the existing Duff McDuff Green Park and the land owned by the University of Mary Washington. The plan for the new property should augment the amenities already constructed at the existing park as well as complement the facilities envisioned by the University. Access to all parcels will need to be addressed. The farm house will need repairs to prevent degradation of the structure and likely some systems upgrades. The long term uses of the house will be considered in any renovation work. Improvements to the out buildings for park maintenance equipment storage and the farm house as well as improvements to park access are also likely in this phase. Construction of athletic fields and trails are possible in this phase if planning shows them to be high priority. Trails are a frequently requested amenity by the public and this site is large enough to provide trails for walkers/joggers/and bicyclists. Continuation of the Belmont-Ferry Farm trail heading east can be accommodated on this parcel.

Inclusion of some new athletic fields will help with the current deficit. Identified as a project proposed in the 2009 park bond program.



OPERATING IMPACT SUMMARY

Annual operating impact begins in FY14 and includes property maintenance and utilities. One time start up costs for additional equipment to maintain the property. Operating costs for the facility and utilities are offset by anticipated direct and indirect revenues from rental of farm land. No increase in staff.

PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	50,000	0	100,000	0	0	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	0	318,000	0	500,000	0	0
Contingency	0	0	32,000	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$50,000	\$0	\$450,000	\$0	\$500,000	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	50,000	0	450,000	0	500,000	0	0
ProRata Fees	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$50,000	\$0	\$450,000	\$0	\$500,000	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	32,000	20,000	20,000	21,000
Debt Service	0	0	38,000	38,000	80,000	80,000
Revenue/Savings	0	0	(4,000)	(4,000)	(4,000)	(4,000)
Total	\$0	\$0	\$66,000	\$54,000	\$96,000	\$97,000

MUSSELMAN PARK

Total Project Cost: \$3,187,000

Est. Opening Date: FY2014

[Links to Board's Strategic Initiatives](#)

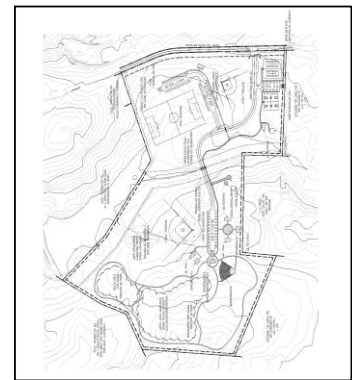
- Approved by the voters in the 2009 referendum
- Parks & Rec Commission Facilities Plan

PROGRAM DESCRIPTION

This project plans the long range use of the 42 acres of property located off Truslow Road. The plan will identify the scope of phase 1 development which may include the provision of one grass baseball field and one grass rectangular field, both lighted, a restroom building, picnic shelter, playground, trails, and parking. Due to the growth of the County and the needs of the Parks, Recreation and Community Facilities Department additional park space for active recreation is necessary. Identified in the Facilities Plan approved November 5, 2008. Identified as a project proposed in the 2009 park bond program.

OPERATING IMPACT SUMMARY

Annual operating impact will begin in FY14 and includes 2 additional FT and 1 PT park maintenance worker staff positions and one time start up costs for additional equipment to maintain the property. Operating costs for the facility and utilities are offset by anticipated direct and indirect revenues from rental of a proposed picnic shelter.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	50,000	300,000	0	0	0	0	0
Property Acquisition	1,187,000	0	0	0	0	0	0
Construction / Project	0	0	1,650,000	0	0	0	0
Contingency		0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$1,237,000	\$300,000	\$1,650,000	\$0	\$0	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	1,237,000	300,000	1,650,000	0	0	0	0
ProRata Fees	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$1,237,000	\$300,000	\$1,650,000	\$0	\$0	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	123,000	127,000	131,000	134,000
Operating	0	0	229,000	32,000	33,000	34,000
Debt Service	0	25,000	163,000	163,000	163,000	163,000
Revenue/Savings	0	0	1,000	1,000	1,000	1,000
Total	\$0	\$25,000	\$516,000	\$323,000	\$328,000	\$332,000

RECTANGULAR ATHLETIC FIELD COMPLEX

Total Project Cost: \$8,300,000

Est. Opening Date: FY2015

Links to Board's Strategic Initiatives

- Approved by the voters in the 2009 referendum
- Parks & Rec Commission Facilities Plan

PROGRAM DESCRIPTION

This project when completed will be a 10-15 field rectangular field complex constructed on land to be acquired in the central part of the County. The fields will be lighted and irrigated and some may be synthetic turf. A maintenance facility, playground(s), restrooms, picnic shelter(s), and concession are envisioned. Parking adequate for tournaments will be provided. This project plans the long range use of the property and will identify what phase 1 development will be. Land acquisition is included in the project. Due to the growth of the County and the needs of the Parks, Recreation and Community Facilities Department, Stafford Area Soccer Association, Virginia American Youth Football Alliance, Stafford Lacrosse Association, and other groups, additional park space for active recreation and rectangular fields is necessary. Identified in the Facilities Plan approved November 5, 2008. Identified as a project proposed in the 2009 park bond program.



OPERATING IMPACT SUMMARY

The annual operating impact will begin in FY15 and includes 4 additional FT and 3 PT park maintenance worker positions. One time start up costs for additional equipment to maintain the property and 2 vehicles. Operating costs for the facility and utilities are offset by anticipated direct and indirect revenues from rental of the site for tournaments, rentals of the proposed picnic shelter and revenue from concessions.

PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	655,000	0	0	0	0	0
Property Acquisition	2,300,000	0	0	0	0	0	0
Construction / Project	0	0	0	4,859,000	0	0	0
Contingency	0	0	0	486,000	0	0	0
Other	0	0	0	0	0	0	0
Total	\$2,300,000	\$655,000	\$0	\$5,345,000	\$0	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	2,300,000	655,000	0	5,345,000	0	0	0
ProRata Fees	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$2,300,000	\$655,000	\$0	\$5,345,000	\$0	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	299,000	308,000	318,000
Operating	0	0	0	445,000	72,000	74,000
Debt Service	0	55,000	55,000	502,000	502,000	502,000
Revenue/Savings	0	0	0	(111,000)	(114,000)	(117,000)
Total	\$0	\$55,000	\$55,000	\$1,135,000	\$768,000	\$777,000

TRAILS

Total Project Cost: \$1,000,000

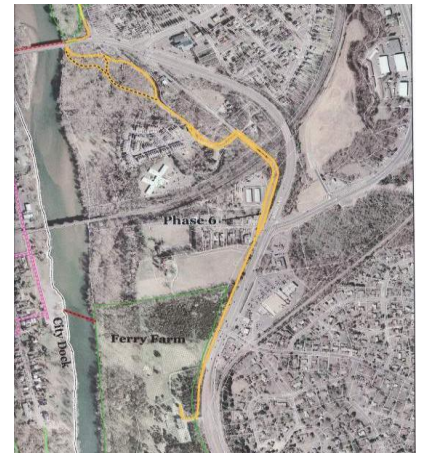
Est. Opening Date: FY2016

Links to Board's Strategic Initiatives

- Approved by the voters in the 2009 referendum
- Parks & Rec Commission Facilities Plan

PROGRAM DESCRIPTION

The project consists of constructing a portion of the Belmont-Ferry Farm Trail. The target segment is from the Chatham Bridge to Ferry Farm, Phase 6. Also included in the project is planning, engineering for two other trails; one on the Dominion Virginia Power underground electric line easement; and the other along the north side of the Rappahannock River from Belmont to the Cannon Ridge Golf Course. Trails are the highest use need as identified by County residents. Design of Phase 6 of the Belmont-Ferry Farm Trail is nearly completed. This project will complete the design, permitting and construction of Phase 6. Conceptual planning has begun for a trail on the Dominion Virginia Power electric line easement. Identified as a project proposed in the 2009 park bond program. Remaining balance of Belmont-Ferry Farm Trail SAFTEA-LU grants, if any, could be applied to offset development costs of Phase 6.



OPERATING IMPACT SUMMARY

Annual operating impact begins in FY16 and includes 1 additional FT park maintenance worker position and one time start up costs for equipment to maintain trails.

PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	0	0	370,000	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	0	0	0	572,000	0	0
Contingency	0	0	0	0	58,000	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$1,000,000	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	1,000,000	0	0
ProRata Fees	0	0	0	0	0	0	0
State/Federal	0	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$1,000,000	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	51,000	52,000
Operating	0	0	0	0	34,000	2,000
Debt Service	0	0	0	0	84,000	84,000
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$169,000	\$138,000

PARK BOND INTEREST PROJECTS

Total Project Cost: \$1,233,000

Est. Opening Date: FY 2012

[Links to Board's Strategic Initiatives](#)

•Parks & Rec Commission Facilities Plan

PROGRAM DESCRIPTION

The improvements funded by this project will provide much needed renovations to athletic fields, playgrounds, and courts in various parks. It will also fund improved ADA accessibility of facilities in the parks. Many of the facilities in this project have come to the end of their useful life. Some may have already been removed because of safety concerns. Many existing facilities in the parks are old and do not comply with current ADA accessibility standards. Improvements were identified generally as priorities 1-16 on the priority list provided to the Board on October 6, 2009. Funding for this project came from two appropriations from the Board; Resolution R10-48 and R10-158, totalling \$1.2 million. Both sources of funding were remaining balance from bonds, 2001 and 2008, and interest earned from the bonds.

OPERATING IMPACT SUMMARY

A minimal increase in operating cost is expected as a result of this project, mainly for electricity for Duff playground and Woodlands Pool bubble storage lights and increased maintenance costs for renovated projects that were previously closed to activity and therefore not receiving maintenance efforts. Some operating and maintenance savings may be realized at other sites as a result of upgrading the facilities.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	40,000	0	0	0	0	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	613,000	580,000	0	0	0	0	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$653,000	\$580,000	\$0	\$0	\$0	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	0	0	0	0	0	0
Other	653,000	580,000	0	0	0	0	0
Total	\$653,000	\$580,000	\$0	\$0	\$0	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	4,000	4,000	4,000	4,000	4,000	4,000
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000

FUTURE PARKS PROJECTS

Total Project Cost: \$100,000

Est. Opening Date: FY 2018

[Links to Board's Strategic Initiatives](#)

•Parks & Rec Commission
Facilities Plan

PROGRAM DESCRIPTION

The Parks Facilities Plan, approved on the November 5, 2008, identified several projects which were not included in the 2009 Parks Bond Referendum. The proposed CIP anticipates a future bond referendum to address these projects beginning in FY17.

OPERATING IMPACT SUMMARY

None in this planning period



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	0	0	0	0	100,000
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	100,000
ProRata Fees	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

PARKS, RECREATION AND COMMUNITY FACILITIES INFRASTRUCTURE (Parks)

Total Project Cost: \$3,601,000

Est. Opening Date: FY 2012

[Links to Board's Strategic Initiatives](#)

- Principles of High Performance Financial Management

PROGRAM DESCRIPTION

Replace, repair or upgrade various County assets. See attached summary

OPERATING IMPACT SUMMARY

The increases are attributed to energy and water cost for equipment storage facilities, sport field lighting and irrigating Brooks Park 3 sports fields. Minimal increases in operating cost are expected as a result of new wayfinding signs and additional restrooms. Some operating and maintenance savings may be realized at other sites as a result of upgrading the facilities.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Roof Replacement/Repairs	0	0	0	176,000	0	0	0
Asphalt Repairs	0	0	80,000	0	0	160,000	0
ADA/Security	0	0	0	0	0	0	162,000
Building Replacement/Repairs	0	0	75,000	300,000	300,000	526,000	738,000
Fencing, Signs, Wetlands, Fields	0	250,000	250,000	0	65,000	219,000	0
Total	\$0	\$250,000	\$405,000	\$476,000	\$665,000	\$905,000	\$900,000

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	250,000	405,000	476,000	665,000	905,000	900,000
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$250,000	\$405,000	\$476,000	\$665,000	\$905,000	\$900,000

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	34,000	43,000	55,000	59,000	64,000
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$34,000	\$43,000	\$55,000	\$59,000	\$64,000

PARKS, RECREATION AND COMMUNITY FACILITIES INFRASTRUCTURE (Parks)

FY2012 Projects

Project Amount

Add field lighting at School softball fields (2)	250,000
FY2012 Total	\$ 250,000

FY2013 Projects

Ballfield Lights (2)	250,000
Carl Lewis Foundation	75,000
Skate park elements/ramps	80,000
FY2013 Total	\$ 405,000

FY2014 Projects

Courthouse Community Center Roof	176,000
Maintenance Equipment Covered Storage Buildings and Fencing 2 Sites	300,000
FY2014 Total	\$ 476,000

FY2015 Projects

Courthouse Community Center Air Conditioning Replacement	300,000
Maintenance Equipment Covered Storage Buildings (2)	300,000
Skate Park Elements/Ramps	65,000
FY2015 Total	\$ 665,000

FY2016 Projects

Addition Curtis Shop	\$ 80,000
Smith Lake Foul Area	15,000
Carl Lewis Playground	65,000
Renovate Shelter 4 & 6 Restrooms	27,000
Information Park Signs	43,000
Brooks Park Irrigation	96,000
Courthouse Community Center Carpet	34,000
Courthouse Community Center Acoustic Tile	22,000
Courthouse Community Center Parking Lot	160,000
Pratt Park Shelter Replacement	213,000
Maintenance Equipment Storage	150,000
FY2016 Total	\$ 905,000

FY2017 Projects

Patawomeck security measures	78,000
Video surveillance systems in numerous parks	84,000
Replace Aquia Landing restrooms	157,000
Add splash pad at a community park	242,000
Replace 3 picnic shelters Brooks Park	339,000
FY2017 Total	\$ 900,000

Total FY2012 thru FY2017 \$ 3,601,000

PARKS, RECREATION AND COMMUNITY FACILITIES INFRASTRUCTURE (Governmental)

Total Project Cost: \$1,694,000

Est. Opening Date: FY 2012

[Links to Board's Strategic Initiatives](#)

- Principles of High Performance Financial Management

PROGRAM DESCRIPTION

Replace, repair or upgrade various County assets. See attached summary

OPERATING IMPACT SUMMARY

0



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
HVAC/Energy Management	0	0	41,000	0	208,000	0	0
Roof Replacement/Repairs	0	0	15,000	367,000	0	0	0
Asphalt Repairs	0	450,000	447,000	0	0	0	82,000
ADA/Security	0	0	0	0	0	0	0
Building Replacement/Repairs	0	0	0	57,000	27,000	0	0
Fencing, Signs, Wetlands, Fields	0	0	0	0	0	0	0
Total	\$0	\$450,000	\$503,000	\$424,000	\$235,000	\$0	\$82,000

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	450,000	503,000	424,000	235,000	0	82,000
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$450,000	\$503,000	\$424,000	\$235,000	\$0	\$82,000

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

PARKS, RECREATION AND COMMUNITY FACILITIES INFRASTRUCTURE (Governmental)

FY2012 Projects

Government Center Parking Lot Repairs - Phase 1	Project Amount
	450,000
FY2012 Total	\$450,000

FY2013 Projects

Government Center Parking Lot Repairs - Phase 2	\$447,000
Health Department Air Condition	15,000
Health Department Roof	41,000
FY2013 Total	\$503,000

FY2014 Projects

Administration Center Built in Gutters	\$57,000
Courthouse Roof Section 1 & 2	207,000
Courthouse Roof Section 3 & 10	21,000
Courthouse Roof Section 7	59,000
Courthouse Roof Section 4	80,000
FY2014 Total	\$424,000

FY2015 Projects

Porter Library - Replace AHU-01	\$80,000
Stafford Fire & Rescue Energy Management #2	64,000
Berea Fire & Rescue Energy Management #12	64,000
Potomac Hills Fire & Rescue Station #10 Exhaust	27,000
FY2015 Total	\$235,000

FY2016 Projects

FY2016 Total	\$0
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FY2017 Projects

Porter Library - Seal & Repair Parking Lot	\$82,000
FY2017 Total	\$ 82,000

Total FY2012 thru FY2017 \$1,694,000





PUBLIC WORKS SUMMARY

Projects	Prior Funding	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	Later Years Funding	Total Project Cost
Animal Shelter	\$0	\$0	\$0	\$0	\$0	\$5,157,000	\$0	\$0	\$5,157,000
Courthouse Addition	0	0	22,852,000	0	0	0	0	0	22,852,000
Courthouse Annex	266,000	2,734,000	0	0	0	0	0	0	3,000,000
Courthouse Streetscape Phase 1	401,000	880,000	875,000	0	0	0	0	0	2,156,000
Courthouse Streetscape Phase 2	0	0	0	325,000	925,000	1,362,000	1,362,000	0	3,974,000
Central Rappahannock Library	0	0	0	0	0	0	100,000	16,626,000	16,726,000
Voting Equipment	0	525,000	0	0	0	0	0	0	525,000
Stormwater	0	250,000	1,064,000	1,132,000	1,204,000	1,281,000	1,363,000	0	6,294,000
Total	\$667,000	\$4,389,000	\$24,791,000	\$1,457,000	\$2,129,000	\$7,800,000	\$2,825,000	\$16,626,000	\$60,684,000

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	\$0	\$0	\$1,016,000	\$1,046,000	\$1,077,000	\$1,110,000
Operating	16,000	132,000	529,000	419,000	489,000	562,000
Debt Service	0	0	1,912,000	1,912,000	1,912,000	2,344,000
Debt Service Master Lease	0	123,000	123,000	123,000	123,000	123,000
Revenue	(56,000)	(95,000)	(98,000)	(101,000)	(104,000)	(107,000)
Total	(\$40,000)	\$160,000	\$3,482,000	\$3,399,000	\$3,497,000	\$4,032,000

ANIMAL SHELTER

Total Project Cost: \$5,157,000

Est. Opening Date: 2017

[Links to Board's Strategic Initiatives](#)

- Conformance to state guidelines

PROGRAM DESCRIPTION

A new and modern animal shelter and animal control facility. Building will meet or exceed state guidelines for a municipal pound. Building will include a spay/neuter clinic, separate isolation rooms for different species. Separate pens for adoptable, healthy animals and sick and quarantined animals. The Facility will have sufficient office space to include dispatch/communications room, officers space, crematorium, cleaning stations, sally port and shelter staff space. Reception area will be of sufficient size for animal intake and drop off. Facility will be designed especially to house animals and will be properly ventilated, drained, lighted, and sized. Animal confinement areas will be constructed properly to prevent the spread of disease and be pleasing to the public while visiting the facility. Parking area will be sufficient to allow for the volume of visitors. The facility will be designed to allow for a future expansion to include larger holding areas for animals and a sally port for secure transport of animals. Facility will be placed on 5 acres of a 38 acre County owned parcel adjacent to the Regional Jail



OPERATING IMPACT SUMMARY

Operating impacts begin in FY18

PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	0	0	0	578,000	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	0	0	0	0	4,579,000	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$5,157,000	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	5,157,000	0
ProRata Fees	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$5,157,000	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	432,000
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$432,000

COURTHOUSE ADDITION

Total Project Cost: \$22,852,000

Est. Opening Date: 2015

[Links to Board's Strategic Initiatives](#)

•2004 space needs assessment

PROGRAM DESCRIPTION

Construction of a 40,000 square foot expansion to the existing Courthouse to provide three additional courtrooms and office space for the County's Courts, Clerk's Offices, prisoner holding and the Court Services Unit. The 2004 comprehensive County-wide space needs assessment revealed that Stafford Courts' current space of 45,247 net square feet (NSF) is 29,089 NSF less than the current need; 54,323 NSF less than the 10-year need and 100,721 NSF less than the 20-year need. The project consists of renovations to the existing courtroom and office space, along with site improvements to provide for prisoner transfer accommodations.

OPERATING IMPACT SUMMARY

Operating costs will begin in FY16 and assumes three additional courtrooms will be in operation. Start up costs include expenses for computers, phones, metal detector and 14 new employees. Ongoing costs include 11 deputies and 1 sergeant for the Sheriff's department. 1 maintenance mechanic II and 2 custodians for Parks, Recreation and Community Facilities department. As courtrooms are added additional personnel would be needed.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	2,128,000	0	0	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	0	20,724,000	0	0	0	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$0	\$22,852,000	\$0	\$0	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	22,852,000	0	0	0	0
ProRata Fees	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$0	\$22,852,000	\$0	\$0	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	1,016,000	1,046,000	1,077,000	1,110,000
Operating	0	0	409,000	240,000	248,000	255,000
Debt Service	0	0	1,912,000	1,912,000	1,912,000	1,912,000
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$3,337,000	\$3,198,000	\$3,237,000	\$3,277,000

COURTHOUSE ANNEX

Total Project Cost: \$3,000,000

Est. Opening Date: 2013

[Links to Board's Strategic Initiatives](#)

•2004 space needs assessment

PROGRAM DESCRIPTION

Design and construction of a new office building to be located on the grounds of the Stafford County Government Center in the area where the former Rescue 1 building is presently located. The proposed new construction will be 11,500 square feet of office space to allow the Commonwealth Attorney and Court Services staff to relocate on the Government Center grounds. Commonwealth Attorney staff is presently occupying 1,904 net square feet in the Stafford Courthouse, and another 2,091 net square feet in an office condominium across Rte 1 from the Courthouse. Court Services staff is presently occupying 3,400 square feet in four (4) separate office condominiums across Rte 1 from the Courthouse.

OPERATING IMPACT SUMMARY

Operating impacts begin in FY13 with the opening of the building. Operating start up costs include maintenance machinery and equipment and furniture and fixtures (smoking towers, trash receptacles, and outside benches). Annual operating costs include building and sites, trash disposal, cleaning service, repair and maintenance (outside), maintenance service contracts, utilities, janitorial supplies, and repair and maintenance supplies. Operating would be offset by the elimination of rental costs.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	266,000	0	0	0	0	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	2,604,000	0	0	0	0	0
Contingency	0	130,000	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$266,000	\$2,734,000	\$0	\$0	\$0	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	0	0	0	0	0	0
Other	266,000	2,734,000	0	0	0	0	0
Total	\$266,000	\$2,734,000	\$0	\$0	\$0	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	132,000	67,000	69,000	71,000	73,000
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	(95,000)	(98,000)	(101,000)	(104,000)	(107,000)
Total	\$0	\$37,000	(\$31,000)	(\$32,000)	(\$33,000)	(\$34,000)

COURTHOUSE STREETSCAPE - PHASE 1 (US-1) (Redevelopment Plan - Courthouse)

Total Project Cost: \$2,156,000

**Est.
Opening
Date:** 2014

[Links to Board's Strategic
Initiatives](#)

- Economic Development 10 Point Plan
- Redevelopment Plan

PROGRAM DESCRIPTION

The project is part of the revitalization of the Courthouse area. It is the first step towards implementing the Courthouse Redevelopment Master Plan and will provide key linkages to sidewalks in the Courthouse area. The project will create the infrastructure support for a pedestrian-friendly center around the Courthouse area. Sidewalks will be added and landscaping provided. Crosswalks will be restriped and pedestrian signal heads will be installed. Phase 1 is along US-1 from Hope Road to the Stafford Hospital .

OPERATING IMPACT SUMMARY

There are no operating impacts identified for this project since it is anticipated that ownership of the project will transfer to VDOT.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	401,000	0	0	0	0	0	0
Property Acquisition	0	722,000	0	0	0	0	0
Construction / Project	0	0	687,000	0	0	0	0
Contingency	0	0	0	0	0	0	0
Matching Funds	0	158,000	188,000	0	0	0	0
Total	\$401,000	\$880,000	\$875,000	\$0	\$0	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Local Match	0	158,000	188,000	0	0	0	0
Bonds	0	0	0	0	0	0	0
Fuel Tax	93,000	0	0	0	0	0	0
Grants	308,000	722,000	687,000	0	0	0	0
Total	\$401,000	\$880,000	\$875,000	\$0	\$0	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

COURTHOUSE STREETSCAPE - PHASE 2 (SR-630) (Redevelopment Plan - Courthouse)

Total Project Cost: \$3,974,000

Est. Opening Date: 2017

Links to Board's Strategic Initiatives

- Economic Development 10 Point Plan
- Redevelopment Plan
- Transportation Plan

PROGRAM DESCRIPTION

The project is part of the revitalization of the Courthouse area. It is the continuation of implementing the Courthouse Redevelopment Master Plan and will provide key linkages to sidewalks in the Courthouse area. The project will create the infrastructure support for a pedestrian-friendly center around the Courthouse area. Sidewalks will be added and landscaping provided. Crosswalks will be restriped and pedestrian signal heads will be installed. Phase 2 is along Courthouse Road (SR-630), from Stafford Elementary School and to the I-95 interchange.

OPERATING IMPACT SUMMARY

There are no operating impacts identified for this project since it is anticipated that ownership of the project will transfer to VDOT.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	0	271,000	0	0	0
Property Acquisition	0	0	0	0	771,000	0	0
Construction / Project	0	0	0	0	0	1,041,000	1,041,000
Contingency	0	0	0	0	0	0	0
Matching Funds	0	0	0	54,000	154,000	321,000	321,000
Total	\$0	\$0	\$0	\$325,000	\$925,000	\$1,362,000	\$1,362,000

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Local Match	0	0	0	54,000	154,000	321,000	321,000
Bonds	0	0	0	0	0	0	0
Fuel Tax	0	0	0	0	0	0	0
Grants	0	0	0	271,000	771,000	1,041,000	1,041,000
Total	\$0	\$0	\$0	\$325,000	\$925,000	\$1,362,000	\$1,362,000

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

CENTRAL RAPPAHANNOCK REGIONAL LIBRARY (COURTHOUSE BRANCH)

Total Project Cost: \$16,726,000

Est. Opening Date: 2018

[Links to Board's Strategic Initiatives](#)

- Comprehensive Plan
- Courthouse UDA/RDA Development Plan

PROGRAM DESCRIPTION

The CRRL Board of Trustees is recommending the opening of a new 30,000 sq. ft. branch library by July 2016 in the Courthouse area of the County to meet current unmet demand, to accommodate projected new population growth, and to meet state standards for public library service. Stafford County will require a new facility to be constructed in the Courthouse area as an integral component of the Courthouse UDA/RDA development plan. High demand for books, programming, meeting rooms, computers and other library services at the Porter and England Run libraries will need to be relieved by the construction of a third library facility in the developing residential/commercial Courthouse area. The facility will be needed to keep pace with population growth and the development of core infrastructure by Stafford County to provide comprehensive education and quality of life opportunities for all County residents.

OPERATING IMPACT SUMMARY

No operating cost during this planning period



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	0	0	0	0	100,000
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0
Opening Day Collection	0	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	100,000
ProRata Fees	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

VOTING EQUIPMENT

Total Project Cost: \$525,000

Est. Opening Date: FY2012

[Links to Board's Strategic Initiatives](#)

- Compliance with federal and state election requirements

PROGRAM DESCRIPTION

New updated Voting Equipment for 30 Precincts + 4 Spares. both Optical Scan (AccuVote OSX) and AutoMARK Voter Assisted Terminal to comply with ADA and HAVA. Ballot Boxes, Software, Staff Training, Testing and Logic & Accuracy Testing to support new machinery. Due to upcoming re-districting, additional precincts will be added and additional voting machines will be needed. In order to maintain uniformity of voting equipment for all precincts, we will have to order new equipment that has been certified by the State Board of Elections in accordance with current legislation. Legislation has mandated that the touch screen voting machines which were purchased in 2005 and are currently being used in our precincts may continue to be used, however, we cannot purchase them new, therefore, we will need to order new voting machines that are certified according to legislation for all our precincts once re-districting is completed. Our current optical scan units were purchased in 1991. It is important to have all voting machines in the precincts County uniform for ease of use and training of our election officials.



OPERATING IMPACT SUMMARY

No on-going operating cost are associated with this project other than an Initial start-up for the training and testing of the new equipment. Cost is based on the purchase of 34 units. Cost of equipment would be offset with the re-sale of 28 of our Touch screens.

PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Equipment	0	525,000	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
Total	\$0	\$525,000	\$0	\$0	\$0	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	0	0	0	0	0	0
Master Lease	0	525,000	0	0	0	0	0
Total	\$0	\$525,000	\$0	\$0	\$0	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	16,000	0	0	0	0	0
Debt Service Master Lease	0	123,000	123,000	123,000	123,000	123,000
Revenue/Savings	(56,000)	0	0	0	0	0
Total	(\$40,000)	\$123,000	\$123,000	\$123,000	\$123,000	\$123,000

STORMWATER RETROFITS

Total Project Cost: \$6,294,000

Est. Opening Date: 2013-2017

[Links to Board's Strategic Initiatives](#)

- Compliance with Chesapeake Bay Act

PROGRAM DESCRIPTION

The U.S. Environmental Protection Agency (EPA) in coordination with the Virginia Department of Conservation and Recreation is developing a Total Maximum Daily Load (TMDL) for the Chesapeake Bay. The TMDL is expected to be finalized by EPA on December 31, 2010 and local responsibilities defined in 2011. The TMDL will establish a "pollution diet" for the entire Chesapeake Bay watershed to address pollution from nutrients and sediment and require localities to implement water quality improvements to meet water quality standards for the Bay. EPA has identified the retrofit of previously developed land for water quality controls as a key component of the TMDL. A consultant study has estimated retrofit expenses of between \$900,000 and \$1,500,000 per year for Stafford County. Cost share funding from the U.S. Army Corps of Engineers may be available to lower FY2012 Planning/Design costs.

OPERATING IMPACT SUMMARY

Operating costs will begin in FY2014 with completion of the construction of the first facilities. The stormwater retrofits will be located on both public and private properties. It is assumed that the County will be responsible for the operation and maintenance (O&M) of retrofit facilities. Annual O&M costs were estimated to be 5% of the total cost of facilities constructed to date.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	250,000	0	0	0	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	0	1,064,000	1,132,000	1,204,000	1,281,000	1,363,000
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$250,000	\$1,064,000	\$1,132,000	\$1,204,000	\$1,281,000	\$1,363,000

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	250,000	1,064,000	1,132,000	1,204,000	1,281,000	1,363,000
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$250,000	\$1,064,000	\$1,132,000	\$1,204,000	\$1,281,000	\$1,363,000

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	53,000	110,000	170,000	234,000
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$53,000	\$110,000	\$170,000	\$234,000



TRANSPORTATION SUMMARY

Projects	Prior Funding	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	Later Years Funding	Total Project Cost
Route 1, Jefferson Davis Hwy	\$0	\$700,000	\$600,000	\$0	\$0	\$0	\$0	\$0	\$1,300,000
Route 608, Brooke Rd, south of Eskimo Hill Rd	650,000	0	2,925,000	2,925,000	0	0	0	0	6,500,000
Route 608, Brooke Rd, east of Raven Rd	0	0	0	180,000	0	810,000	810,000	0	1,800,000
Route 616, Poplar Rd, north of Kellogg Mill Rd	311,000	1,789,000	0	0	0	0	0	0	2,100,000
Route 616, Poplar Rd, south of Mountain View Rd	0	90,000	405,000	405,000	0	0	0	0	900,000
Route 627, Mountain View Rd, north of Centreport Pkwy	0	530,000	0	0	2,385,000	2,385,000	0	0	5,300,000
Route 627, Mountain View Rd from Joshua Rd to Rose Hill Farm Rd	2,930,000	1,670,000	0	0	0	0	0	0	4,600,000
Route 627, Mountain View Rd, and Route 651, Kellogg Mill Rd Intersection	0	130,000	0	585,000	0	585,000	0	0	1,300,000
Route 644, Rock Hill Church Rd	0	0	0	90,000	405,000	0	405,000	0	900,000
Route 17, Warrenton Rd	7,200,000	0	0	18,200,000	26,400,000	0	0	0	51,800,000
Route 610, Garrisonville Rd	995,000	0	0	6,785,000	3,920,000	0	0	0	11,700,000
Route 606, Ferry Rd	0	500,000	2,250,000	0	2,250,000	0	0	0	5,000,000
Route 630, Courthouse Rd: Cedar Lane to Winding Creek Rd	0	0	1,600,000	0	0	0	4,550,000	15,150,000	21,300,000
Route 630, Courthouse Rd: Winding Creek Rd to Shelton Shop Rd	0	0	0	0	0	0	0	8,900,000	8,900,000
Route 637, Telegraph Rd	0	630,000	0	2,835,000	0	2,835,000	0	0	6,300,000
Route 651, Kellogg Mill Rd Relocation	0	0	0	180,000	0	810,000	0	810,000	1,800,000
Route 652, Truslow Rd, East of I-95	0	0	0	700,000	0	3,150,000	0	3,150,000	7,000,000
Route 652, Truslow Rd, West of I-95	0	0	0	310,000	0	1,395,000	0	1,395,000	3,100,000
Pedestrian Improvements	0	380,000	380,000	380,000	380,000	380,000	0	0	1,900,000
Poplar Rd Phase 1	1,040,000	760,000	0	0	0	0	0	0	1,800,000
Total	\$13,126,000	\$7,179,000	\$8,160,000	\$33,575,000	\$35,740,000	\$12,350,000	\$5,765,000	\$29,405,000	\$145,300,000

Funding Sources	Prior Funding	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	Later Years Funding	Total Project Cost
General Obligation Bonds	\$0	\$2,050,000	\$5,640,000	\$8,070,000	\$4,455,000	\$10,485,000	\$5,565,000	\$12,465,000	48,730,000
Service District Supported GO Debt	0	0	0	5,860,000	15,410,000	0	0		21,270,000
Service District	995,000	0	0	5,125,000	510,000	0	0	0	6,630,000
Fuel Tax	2,561,000	2,564,000	1,100,000	0	0	0	0	0	6,225,000
Revenue Sharing	1,330,000	1,805,000	920,000	520,000	965,000	1,865,000	200,000	0	7,605,000
State/Federal	7,200,000	0	500,000	14,000,000	14,400,000	0	0	0	36,100,000
Impact Fees	1,040,000	760,000	0	0	0	0	0	0	1,800,000
Later Years Funding to be Determined								\$16,940,000	16,940,000
Total	\$13,126,000	\$7,179,000	\$8,160,000	\$33,575,000	\$35,740,000	\$12,350,000	\$5,765,000	\$29,405,000	\$145,300,000

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Debt Service	\$0	\$172,000	\$643,000	\$1,319,000	\$1,692,000	\$2,571,000

Route 1, Jefferson Davis Highway

Total Project Cost: \$1,300,000

Est. Opening Date: FY13

PROGRAM DESCRIPTION

Construction of a left-turn lane from southbound Jefferson Davis Highway to Potomac Creek Drive.

Links to Board's Strategic Initiatives

- Approved by voters in the 2008 referendum
- Comprehensive Plan



OPERATING IMPACT SUMMARY

A 2008 Transportation Bond Program project. Upon completion, VDOT becomes the owner of the improvement.

PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	60,000	0	0	0	0	0
Property Acquisition	0	640,000	0	0	0	0	0
Construction / Project	0	0	600,000	0	0	0	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$700,000	\$600,000	\$0	\$0	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
Fuel Tax	0	0	0	0	0	0	0
Revenue Sharing	0	700,000	600,000	0	0	0	0
Total	\$0	\$700,000	\$600,000	\$0	\$0	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

Route 608, Brooke Road, South of Eskimo Hill Road

Total Project Cost: \$6,500,000

Est. Opening Date: FY14

[Links to Board's Strategic Initiatives](#)

- Approved by voters in the 2008 referendum
- Comprehensive Plan
- Youth driver safety initiatives

PROGRAM DESCRIPTION

Reconstruction of Brooke Road from 0.64 miles south of Eskimo Hill Road to 2.44 miles south of Eskimo Hill Road.

OPERATING IMPACT SUMMARY

A 2008 Transportation Bond Program project. Upon completion, VDOT becomes the owner of the improvement.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	650,000	0	0	0	0	0	0
Property Acquisition	0	0	2,925,000	0	0	0	0
Construction / Project	0	0	0	2,925,000	0	0	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$650,000	\$0	\$2,925,000	\$2,925,000	\$0	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	2,790,000	2,925,000	0	0	0
Fuel Tax	325,000	0	0	0	0	0	0
Revenue Sharing	325,000	0	135,000	0	0	0	0
Total	\$650,000	\$0	\$2,925,000	\$2,925,000	\$0	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	233,000	478,000	478,000	478,000
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$233,000	\$478,000	\$478,000	\$478,000

Route 608, Brooke Road, East of Raven Road

Total Project Cost: \$1,800,000

Est. Opening Date: FY17

Links to Board's Strategic Initiatives

- Approved by voters in the 2008 referendum
- Comprehensive Plan
- Youth driver safety initiatives

PROGRAM DESCRIPTION

Improve the horizontal alignment of Brooke Road from Raven Road, East Intersection, to 0.50 miles east of Raven Road, East Intersection.

OPERATING IMPACT SUMMARY

A 2008 Transportation Bond Program project. Upon completion, VDOT becomes the owner of the improvement.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	0	180,000	0	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	0	0	0	0	810,000	810,000
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$180,000	\$0	\$810,000	\$810,000

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	180,000	0	10,000	810,000
Fuel Tax	0	0	0	0	0	0	0
Revenue Sharing	0	0	0	0	0	800,000	0
Total	\$0	\$0	\$0	\$180,000	\$0	\$810,000	\$810,000

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	15,000	15,000	16,000
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$15,000	\$15,000	\$16,000

Route 616, Poplar Road, North of Kellogg Mill Road

Total Project Cost: \$2,100,000

Est. Opening Date: FY12

Links to Board's Strategic Initiatives

- Approved by voters in the 2008 referendum
- Comprehensive Plan
- Youth driver safety initiatives

PROGRAM DESCRIPTION

Reconstruct Poplar Road from 0.20 miles north of Kellogg Mill Road to 0.77 miles north of Kellogg Mill Road.



OPERATING IMPACT SUMMARY

A 2008 Transportation Bond Program project. Upon completion, VDOT becomes the owner of the improvement.

PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	311,000	0	0	0	0	0	0
Property Acquisition	0	844,000	0	0	0	0	0
Construction / Project	0	945,000	0	0	0	0	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$311,000	\$1,789,000	\$0	\$0	\$0	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
Trans.Fund (Fuel Tax)	206,000	894,000	0	0	0	0	0
Revenue Sharing	105,000	895,000	0	0	0	0	0
Total	\$311,000	\$1,789,000	\$0	\$0	\$0	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

Route 616, Poplar Road, South of Mountain View Road

Total Project Cost: \$900,000

Est. Opening Date: FY14

Links to Board's Strategic Initiatives

- Approved by voters in the 2008 referendum
- Comprehensive Plan
- Youth driver safety initiatives

PROGRAM DESCRIPTION

Improve the horizontal alignment of Poplar Road from Mountain View Road to 0.25 miles south of Mountain View Road.

OPERATING IMPACT SUMMARY

A 2008 Transportation Bond Program project. Upon completion, VDOT becomes the owner of the improvement.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	90,000	0	0	0	0	0
Property Acquisition	0	0	405,000	0	0	0	0
Construction / Project	0	0	0	405,000	0	0	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$90,000	\$405,000	\$405,000	\$0	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	50,000	220,000	230,000	0	0	0
Fuel Tax	0	0	0	0	0	0	0
Revenue Sharing	0	40,000	185,000	175,000	0	0	0
Total	\$0	\$90,000	\$405,000	\$405,000	\$0	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	4,000	22,000	41,000	41,000	41,000
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$4,000	\$22,000	\$41,000	\$41,000	\$41,000

Route 627, Mountain View Road North of Centreport Parkway

Total Project Cost: \$5,300,000

Est. Opening Date: FY16

[Links to Board's Strategic Initiatives](#)

- Approved by voters in the 2008 referendum
- Comprehensive Plan
- Youth driver safety initiatives

PROGRAM DESCRIPTION

Reconstruct Mountain View Road from Centreport Parkway to 1.48 miles north of Centreport Parkway.

OPERATING IMPACT SUMMARY

A 2008 Transportation Bond program project. Upon completion, VDOT becomes the owner of the improvement.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	530,000	0	0	0	0	0
Property Acquisition	0	0	0	0	2,385,000	0	0
Construction / Project	0	0	0	0	0	2,385,000	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$530,000	\$0	\$0	\$2,385,000	\$2,385,000	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	360,000	0	0	1,620,000	1,620,000	0
Fuel Tax	0	0	0	0	0	0	0
Revenue Sharing	0	170,000	0	0	765,000	765,000	0
Total	\$0	\$530,000	\$0	\$0	\$2,385,000	\$2,385,000	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	30,000	30,000	30,000	166,000	302,000
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$30,000	\$30,000	\$30,000	\$166,000	\$302,000

Route 627, Mountain View Road from Joshua Road to Rose Hill Farm Drive

Total Project Cost: \$4,600,000

Est. Opening Date: FY13

[Links to Board's Strategic Initiatives](#)

- Approved by voters in the 2008 referendum
- Comprehensive Plan
- Youth driver safety initiatives

PROGRAM DESCRIPTION

Reconstruction of Mountain View Road from Joshua Road to Rose Hill Farm Drive.

OPERATING IMPACT SUMMARY

A 2008 Transportation Bond Program project. Upon completion, VDOT becomes the owner of the improvement.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	485,000	0	0	0	0	0	0
Property Acquisition	1,545,000	0	0	0	0	0	0
Construction / Project	0	1,670,000	0	0	0	0	0
Contingency	0	0	0	0	0	0	0
Other	900,000	0	0	0	0	0	0
Total	\$2,930,000	\$1,670,000	\$0	\$0	\$0	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
Trans. Fund (Fuel Tax)	2,030,000	1,670,000	0	0	0	0	0
Revenue Sharing	900,000	0	0	0	0	0	0
Total	\$2,930,000	\$1,670,000	\$0	\$0	\$0	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

Route 627, Mountain View Road, and Route 651, Kellogg Mill Road, Intersection

Total Project Cost: \$1,300,000

Est. Opening Date: FY16

[Links to Board's Strategic Initiatives](#)

PROGRAM DESCRIPTION

Improve the intersection of Mountain View Road and Kellogg Mill Road.

- Approved by voters in the 2008 referendum
- Comprehensive Plan
- Youth driver safety initiatives

OPERATING IMPACT SUMMARY

A 2008 Transportation Bond Program project. Upon completion, VDOT becomes the owner of the improvement.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	130,000	0	0	0	0	0
Property Acquisition	0	0	0	585,000	0	0	0
Construction / Project	0	0	0	0	0	585,000	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$130,000	\$0	\$585,000	\$0	\$585,000	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	130,000	0	285,000	0	285,000	0
Fuel Tax	0	0	0	0	0	0	0
Revenue Sharing	0	0	0	300,000	0	300,000	0
Total	\$0	\$130,000	\$0	\$585,000	\$0	\$585,000	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	11,000	11,000	35,000	35,000	59,000
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$11,000	\$11,000	\$35,000	\$35,000	\$59,000

Route 644, Rock Hill Church Road

Total Project Cost: \$900,000

Est. Opening Date: FY17

[Links to Board's Strategic Initiatives](#)

- Approved by voters in the 2008 referendum
- Comprehensive Plan

PROGRAM DESCRIPTION

Improve the intersection of Rock Hill Church Road and Dunbar Drive.

OPERATING IMPACT SUMMARY

A 2008 Transportation Bond Program project. Upon completion, VDOT becomes the owner of the improvement.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	0	90,000	0	0	0
Property Acquisition	0	0	0	0	405,000	0	0
Construction / Project	0	0	0	0	0	0	405,000
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$90,000	\$405,000	\$0	\$405,000

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	45,000	205,000	0	205,000
Fuel Tax	0	0	0	0	0	0	0
Revenue Sharing	0	0	0	45,000	200,000	0	200,000
Total	\$0	\$0	\$0	\$90,000	\$405,000	\$0	\$405,000

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	4,000	21,000	21,000
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$4,000	\$21,000	\$21,000

Route 17, Warrenton Road

Total Project Cost: \$51,800,000

Est. Opening Date: FY15

[Links to Board's Strategic Initiatives](#)

- Approved by voters in the 2008 referendum
- Comprehensive Plan

PROGRAM DESCRIPTION

Widen to 6- and 8-lanes Warrenton Road from McLane Drive to Village Parkway.

OPERATING IMPACT SUMMARY

A 2008 Transportation Bond Program project. Upon completion, VDOT becomes the owner of the improvement.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	7,200,000	0	0	0	0	0	0
Property Acquisition	0	0	0	18,200,000	0	0	0
Construction / Project	0	0	0	0	26,400,000	0	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$7,200,000	\$0	\$0	\$18,200,000	\$26,400,000	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Non General Fund Debt	0	0	0	0	12,000,000	0	0
State/Federal	7,200,000	0	0	14,000,000	14,400,000	0	0
Service District	0	0	0	4,200,000	0	0	0
Total	\$7,200,000	\$0	\$0	\$18,200,000	\$26,400,000	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

Route 610, Garrisonville Road

Total Project Cost: \$11,700,000

Est. Opening Date: FY16

[Links to Board's Strategic Initiatives](#)

- Approved by voters in the 2008 referendum
- Comprehensive Plan

PROGRAM DESCRIPTION

Widen to 6-lanes Garrisonville from Onville Road to Eustace Road.

OPERATING IMPACT SUMMARY

A 2008 Transportation Bond Program project. Upon completion, VDOT becomes the owner of the improvement.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	995,000	0	0	0	0	0	0
Property Acquisition	0	0	0	6,785,000	0	0	0
Construction / Project	0	0	0	0	3,920,000	0	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$995,000	\$0	\$0	\$6,785,000	\$3,920,000	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Non General Fund Debt	0	0	0	5,860,000	3,410,000	0	0
Service District	995,000	0	0	925,000	510,000	0	0
Revenue Sharing	0	0	0	0	0	0	0
Total	\$995,000	\$0	\$0	\$6,785,000	\$3,920,000	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

Route 606, Ferry Road

Total Project Cost: \$5,000,000

Est. Opening Date: FY15

[Links to Board's Strategic Initiatives](#)

- Approved by voters in the 2008 referendum
- Comprehensive Plan

PROGRAM DESCRIPTION

Reconstruction of Ferry Road from Kings Highway to Colebrook Road.

OPERATING IMPACT SUMMARY

A 2008 Transportation Bond Program project. Upon completion, VDOT becomes the owner of the improvement.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	500,000	0	0	0	0	0
Property Acquisition	0	0	2,250,000	0	0	0	0
Construction / Project	0	0	0	0	2,250,000	0	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$500,000	\$2,250,000	\$0	\$2,250,000	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	500,000	2,250,000	0	2,250,000	0	0
Fuel Tax	0	0	0	0	0	0	0
Revenue Sharing	0	0	0	0	0	0	0
Total	\$0	\$500,000	\$2,250,000	\$0	\$2,250,000	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	42,000	230,000	230,000	418,000	418,000
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$42,000	\$230,000	\$230,000	\$418,000	\$418,000

Route 630, Courthouse Road: Cedar Lane to Winding Creek Road

Total Project Cost: \$21,300,000

Est. Opening Date: FY19

Links to Board's Strategic Initiatives

- Approved by voters in the 2008 referendum
- Comprehensive Plan

PROGRAM DESCRIPTION

Widen Courthouse Road to 4 lanes from Cedar Lane to Winding Creek Road.

OPERATING IMPACT SUMMARY

A 2008 Transportation Bond Program project. Upon completion, VDOT becomes the owner of the improvement.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	1,600,000	0	0	0	0
Property Acquisition	0	0	0	0	0	0	4,550,000
Construction / Project	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$0	\$1,600,000	\$0	\$0	\$0	\$4,550,000

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	4,550,000
Fuel Tax	0	0	1,100,000	0	0	0	0
State/Federal	0	0	500,000	0	0	0	0
Total	\$0	\$0	\$1,600,000	\$0	\$0	\$0	\$4,550,000

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

Route 630, Courthouse Road: Winding Creek Road to Shelton Shop Road

Total Project Cost: \$8,900,000

Est. Opening Date: FY19

[Links to Board's Strategic Initiatives](#)

- Approved by voters in the 2008 referendum
- Comprehensive Plan

PROGRAM DESCRIPTION

Widen Courthouse Road to 4 lanes from Winding Creek Road to Shelton Shop Road. Preliminary engineering and right-of-way acquisition only.

OPERATING IMPACT SUMMARY

A 2008 Transportation Bond project. Upon completion, VDOT becomes the owner of the improvement.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	0	0	0	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Funding Sources	FY2017
Current Revenue	0
Bonds	0
Fuel Tax	0
Revenue Sharing	0
Total	\$0

Funding for this project is beyond the planning period of the Proposed CIP. This project is one of those approved in the 2008 CIP bond referendum and is included for information purposes only.

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

Route 637, Telegraph Road

Total Project Cost: \$6,300,000

Est. Opening Date: FY16

Links to Board's Strategic Initiatives

- Approved by voters in the 2008 referendum
- Comprehensive Plan
- Youth driver safety initiatives

PROGRAM DESCRIPTION

Spot improvements to Telegraph Road, east of Jefferson Davis Highway.

OPERATING IMPACT SUMMARY

A 2008 Transportation Bond Program project. Upon completion, VDOT becomes the owner of the improvement.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	630,000	0	0	0	0	0
Property Acquisition	0	0	0	2,835,000	0	0	0
Construction / Project	0	0	0	0	0	2,835,000	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$630,000	\$0	\$2,835,000	\$0	\$2,835,000	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	630,000	0	2,835,000	0	2,835,000	0
Fuel Tax	0	0	0	0	0	0	0
Revenue Sharing	0	0	0	0	0	0	0
Total	\$0	\$630,000	\$0	\$2,835,000	\$0	\$2,835,000	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	53,000	53,000	290,000	290,000	527,000
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$53,000	\$53,000	\$290,000	\$290,000	\$527,000

Route 651, Kellogg Mill Road Relocation

Total Project Cost: \$1,800,000

Est. Opening Date: FY18

PROGRAM DESCRIPTION

Relocation of Kellogg Mill Road, in the vicinity of Ramouth Church Road, to align with future Woodcutter Road.

Links to Board's Strategic Initiatives

- Approved by voters in the 2008 referendum
- Comprehensive Plan

OPERATING IMPACT SUMMARY

A 2008 Transportation Bond Program project. Upon completion, VDOT becomes the owner of the improvement.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	0	180,000	0	0	0
Property Acquisition	0	0	0	0	0	810,000	0
Construction / Project	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$180,000	\$0	\$810,000	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	180,000	0	810,000	0
Fuel Tax	0	0	0	0	0	0	0
Revenue Sharing	0	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$180,000	\$0	\$810,000	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	15,000	15,000	83,000
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$15,000	\$15,000	\$83,000

Route 652, Truslow Road, East of I-95

Total Project Cost: \$7,000,000

Est. Opening Date: FY18

Links to Board's Strategic Initiatives

- Approved by voters in the 2008 referendum
- Comprehensive Plan

PROGRAM DESCRIPTION

Reconstruction of Truslow Road from Cambridge Street to Interstate 95.



OPERATING IMPACT SUMMARY

A 2008 Transportation Bond Program project. Upon completion, VDOT becomes the owner of the improvement.

PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	0	700,000	0	0	0
Property Acquisition	0	0	0	0	0	3,150,000	0
Construction / Project	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$700,000	\$0	\$3,150,000	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	700,000	0	3,150,000	0
Fuel Tax	0	0	0	0	0	0	0
Revenue Sharing	0	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$700,000	\$0	\$3,150,000	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	59,000	59,000	323,000
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$59,000	\$59,000	\$323,000

Route 652, Truslow Road, West of I-95

Total Project Cost: \$3,100,000

Est. Opening Date: FY18

[Links to Board's Strategic Initiatives](#)

- Approved by voters in the 2008 referendum
- Comprehensive Plan

PROGRAM DESCRIPTION

Reconstruction of Truslow Road from Plantation Drive to Berea Church Road.

OPERATING IMPACT SUMMARY

A 2008 Transportation Bond Program project. Upon completion, VDOT becomes the owner of the improvement.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	0	310,000	0	0	0
Property Acquisition	0	0	0	0	0	1,395,000	0
Construction / Project	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$310,000	\$0	\$1,395,000	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	310,000	0	1,395,000	0
Fuel Tax	0	0	0	0	0	0	0
Revenue Sharing	0	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$310,000	\$0	\$1,395,000	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	26,000	26,000	143,000
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$26,000	\$26,000	\$143,000

Pedestrian Improvements

Total Project Cost: \$1,900,000

Est. Opening Date: Various

Links to Board's Strategic Initiatives

- Approved by voters in the 2008 referendum
- Comprehensive Plan
- North Stafford sidewalk

PROGRAM DESCRIPTION

Improve pedestrian facilities at various, as yet to be determined, locations around the County.

OPERATING IMPACT SUMMARY

A 2008 Transportation Bond Program project. Depending on the location, upon completion, VDOT may become the owner of the pedestrian improvement.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	0	0	0	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	380,000	380,000	380,000	380,000	380,000	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$380,000	\$380,000	\$380,000	\$380,000	\$380,000	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	380,000	380,000	380,000	380,000	380,000	0
Fuel Tax	0	0	0	0	0	0	0
Revenue Sharing	0	0	0	0	0	0	0
Total	\$0	\$380,000	\$380,000	\$380,000	\$380,000	\$380,000	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	32,000	64,000	96,000	128,000	160,000
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$32,000	\$64,000	\$96,000	\$128,000	\$160,000

Route 616, Poplar Road Phase 1

Total Project Cost: \$1,800,000

Est. Opening Date: FY12

[Links to Board's Strategic Initiatives](#)

- Approved by voters in the 2008 referendum
- Impace fee project

PROGRAM DESCRIPTION

Road and intersection improvements at Poplar Road and Route 17 to 0.10 mile north of the intersection of Poplar Road and Truslow Road.

OPERATING IMPACT SUMMARY

A Central-West impact fee project. Upon completion, VDOT becomes the owner of the improvement.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	287,100	0	0	0	0	0	0
Property Acquisition	752,900	0	0	0	0	0	0
Construction / Project	0	760,000	0	0	0	0	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$1,040,000	\$760,000	\$0	\$0	\$0	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
Fuel Tax	0	0	0	0	0	0	0
Impact Fees	1,040,000	760,000	0	0	0	0	0
Total	\$1,040,000	\$760,000	\$0	\$0	\$0	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0





DEPARTMENT OF UTILITIES

All Projects

Projects	Prior Funding	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total CIP (FY12-17)	Total Project Cost
Water Projects	\$73,060,000	\$36,540,000	\$36,560,000	\$2,015,000	\$4,828,000	\$3,560,000	\$3,332,000	\$86,835,000	\$159,895,000
Wastewater Projects	\$500,000	\$1,161,000	\$7,618,000	\$15,478,000	\$6,945,000	\$2,867,000	\$2,111,000	36,180,000	36,680,000
Both Water/Wastewater	\$1,250,000	\$500,000	\$213,000	\$750,000	\$380,000	\$240,000	\$1,175,000	3,258,000	4,508,000
Project Total	\$74,810,000	\$38,201,000	\$44,391,000	\$18,243,000	\$12,153,000	\$6,667,000	\$6,618,000	\$126,273,000	\$201,083,000

Operating Impacts Summary	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Debt Service Bond	\$3,503,000	\$7,421,000	\$8,839,000	\$8,839,000	\$8,839,000	\$8,839,000
Total	\$3,503,000	\$7,421,000	\$8,839,000	\$8,839,000	\$8,839,000	\$8,839,000

Expansion Funded Summary	Prior Funding	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total CIP (FY12-17)	Total Project Cost
Bond/Availability Funded Projects	\$61,000,000	\$34,000,000	\$32,341,000	\$602,000	\$3,603,000	\$2,196,000	\$0	\$72,742,000	\$133,742,000
ProRata Funded Projects	7,913,000	1,977,000	7,428,000	10,215,000	4,971,000	1,519,000	1,072,000	27,182,000	35,095,000
Total Expansion	\$68,913,000	\$35,977,000	\$39,769,000	\$10,817,000	\$8,574,000	\$3,715,000	\$1,072,000	\$99,924,000	\$168,837,000
Availability Limit	86,810,000	19,933,000	41,280,000	20,671,000	2,564,000	1,912,000	3,167,000		
Cumulative (Deficit)/Surplus	\$17,897,000	\$1,853,000	\$3,364,000	\$13,218,000	\$7,208,000	\$5,405,000	\$7,500,000		

Operations Funded Summary	Prior Funding	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total CIP (FY12-17)	Total Project Cost
Total Operations	\$5,897,000	\$2,224,000	\$4,622,000	\$7,426,000	\$3,579,000	\$2,952,000	\$5,546,000	\$26,349,000	\$32,246,000
Availability Limit	17,823,000	(4,811,000)	1,738,000	5,159,000	6,055,000	6,794,000	8,707,000		
Cumulative (Deficit)/Surplus	11,926,000	4,891,000	2,007,000	(260,000)	2,216,000	6,058,000	9,219,000		

Combined Expansion & Operations Summary	Prior Funding	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total CIP (FY12-17)	Total Project Cost
Bond/Availability Funded Projects	\$61,000,000	\$34,000,000	\$32,341,000	\$602,000	\$3,603,000	\$2,196,000	\$0	\$72,742,000	\$133,742,000
ProRata Funded Projects	7,913,000	1,977,000	7,428,000	10,215,000	4,971,000	1,519,000	1,072,000	27,182,000	35,095,000
Total Operations	5,897,000	2,224,000	4,622,000	7,426,000	3,579,000	2,952,000	5,546,000	26,349,000	\$32,246,000
Total Expansion & Operations	\$74,810,000	\$38,201,000	\$44,391,000	\$18,243,000	\$12,153,000	\$6,667,000	\$6,618,000	\$126,273,000	\$201,083,000
Availability Limit	104,633,000	15,122,000	43,018,000	25,830,000	8,619,000	8,706,000	11,874,000		
Cumulative (Deficit)/Surplus	29,823,000	6,744,000	5,371,000	12,958,000	9,424,000	11,463,000	16,719,000		

Note: The Utilities Fiscal Policy allows for short-term "borrowing" between the Expansion and Operations funds.





DEPARTMENT OF UTILITIES

Water

Projects	Prior Funding	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total CIP (FY12-17)	Total Project Cost
Regional Water Interconnection	0	0	0	0	0	563,000	2,082,000	2,645,000	2,645,000
370N Water Booster Pump Station	0	82,000	665,000	0	0	0	0	747,000	747,000
342 Water Zone System Improvements	9,200,000	2,000,000	2,000,000	0	0	0	0	4,000,000	13,200,000
Moncure Water Booster Pump Station	0	0	0	0	0	551,000	1,000,000	1,551,000	1,551,000
Smith Lake Water Dist. Pump Station Upgrade	0	0	0	0	975,000	0	0	975,000	975,000
480 Zone Water System Improvements	2,610,000	0	73,000	163,000	0	0	0	236,000	2,846,000
Centreport Water Tank	0	208,000	1,231,000	1,000,000	0	0	0	2,439,000	2,439,000
Water System Rehabilitation	250,000	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000	1,750,000
Abel Lake WTF Rehab. & Upgrade	0	0	0	602,000	3,603,000	2,196,000	0	6,401,000	6,401,000
Additional 5 MGD of Membranes for RP Run WTF	0	0	2,341,000	0	0	0	0	2,341,000	2,341,000
Rocky Pen Run Storage Reservoir	61,000,000	34,000,000	30,000,000	0	0	0	0	64,000,000	125,000,000
Total	\$73,060,000	\$36,540,000	\$36,560,000	\$2,015,000	\$4,828,000	\$3,560,000	\$3,332,000	\$86,835,000	\$159,895,000

REGIONAL WATER TRANSMISSION INTERCONNECTION

Total Project Cost: \$2,645,000

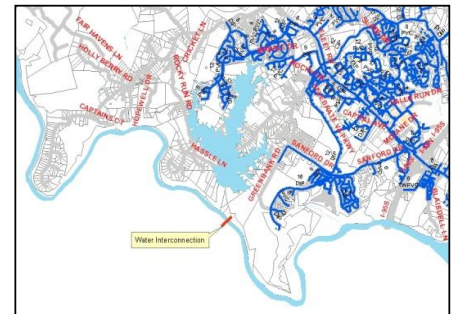
Est. Opening Date: 2017

Links to Board's Strategic Initiatives

- Water and Sewer
- Master Plan
- Utilities Fiscal Plan

PROGRAM DESCRIPTION

Emergency water interconnection with Spotsylvania County in the vicinity of Rocky Pen Run WTF / Motts Run WTF to enable the transfer of treated water from one locality to the other at up to 5 to 10 MGD. Stafford and Spotsylvania are expected to cover 40% of the cost each, and Fredericksburg is expected to cover the remaining 20% of the cost. This CIP project is for Stafford's 40% of the total project cost. Currently, we can only transfer approximately 1.5 MGD through the existing Chatham and Falmouth interconnections with the City of Fredericksburg. The new interconnection will greatly increase our capability to transfer water to or from Spotsylvania County on an emergency basis.



OPERATING IMPACT SUMMARY

None

PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	0	0	0	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	0	0	0	0	563,000	2,000,000
Contingency	0	0	0	0	0	0	82,000
Other	0	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$563,000	\$2,082,000

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	0	0	0	0	0	0
User Fees	0	0	0	0	0	563,000	2,082,000
Total	\$0	\$0	\$0	\$0	\$0	\$563,000	\$2,082,000

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

370N WATER BOOSTER PUMP STATION

Total Project Cost: \$747,000

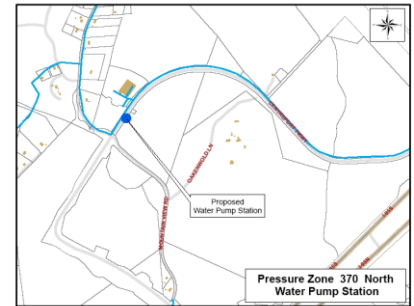
Est. Opening Date: 2013

Links to Board's Strategic Initiatives

- Water and Sewer Master Plan
- Comprehensive Plan

PROGRAM DESCRIPTION

Construction of a 2.0 MGD water booster pump station near Mountain View Road and Centreport Parkway to move water from the 342 water pressure zone to the 370N water pressure zone. The Water and Sewer Master Plan recommends the construction of a new water booster pump station in conjunction with completion of the Rocky Pen Run Water Treatment Facility. In conjunction with the construction of a new water tank in the Courthouse area to serve the new 370N water pressure zone, water pressure in the Courthouse area will increase by 25 to 26 psi and fire flows will also increase substantially.



OPERATING IMPACT SUMMARY

None

PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	82,000	0	0	0	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	0	665,000	0	0	0	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$82,000	\$665,000	\$0	\$0	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	55,000	446,000	0	0	0	0
User Fees	0	27,000	219,000	0	0	0	0
Total	\$0	\$82,000	\$665,000	\$0	\$0	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

342 WATER PRESSURE ZONE IMPROVEMENTS

Total Project Cost: \$13,200,000

Est. Opening Date: 2013

PROGRAM DESCRIPTION

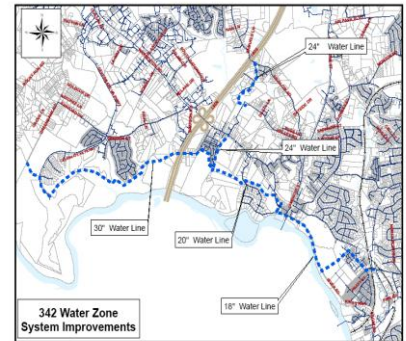
The Water and Sewer Master Plan recommends construction of new 20" and 30" water lines from the new Rocky Pen Run WTF as well as replacement of older undersized water lines in the 342 water pressure zone to facilitate the transfer of water to the water distribution system. The project includes construction of 25,100 feet of 30" water line from Rocky Pen Run to the intersection of Olde Forge Drive and Route 17; 3,500 feet of 24" water line along Beagle road, south of Truslow Road; 4,600 feet of 18" water line along Butler Road; 2,700 feet of 12" water line along Layhill Road and Forbes Street; and 7,200 feet of 20" water line along Route 17 from Olde Forge Drive to Route 1. These improvements are critical to get water from the new Rocky Pen Run WTF into the distribution system as well as to provide adequate piping to transfer water as needed throughout the pressure zone.

Links to Board's Strategic Initiatives

- Water and Sewer Master Plan
- Comprehensive Plan
- Redevelopment Plan

OPERATING IMPACT SUMMARY

None



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	144,000	0	0	0	0	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	9,056,000	2,000,000	2,000,000	0	0	0	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$9,200,000	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
ProRata Fees	6,164,000	1,340,000	1,340,000	0	0	0	0
User Fees	3,036,000	660,000	660,000	0	0	0	0
Total	\$9,200,000	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

MONCURE WATER BOOSTER PUMP STATION UPGRADE

Total Project Cost: \$1,551,000

Est. Opening Date: 2017

Links to Board's Strategic Initiatives

- Water and Sewer Master Plan
- Comprehensive Plan

PROGRAM DESCRIPTION

Expand the Moncure Water Booster Pumping Station to 8.5 million gallons per day by replacing existing pumps and adding one new pump. This will allow the transfer of increased volumes of water into the 433 Pressure Zone to meet increased demands.

OPERATING IMPACT SUMMARY

None



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	0	0	0	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	0	0	0	0	551,000	1,000,000
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$551,000	\$1,000,000

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	0	0	0	0	369,000	670,000
User Fees	0	0	0	0	0	182,000	330,000
Total	\$0	\$0	\$0	\$0	\$0	\$551,000	\$1,000,000

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

SMITH LAKE DISTRIBUTION PUMP STATION UPGRADE

Total Project Cost: \$975,000

Est. Opening Date: 2015

PROGRAM DESCRIPTION

Upgrades to the existing water booster pumping station to increase pumping capacity to 15 million gallons per day (310-200). The update to the Water and Sewer Master Plan recommends improvements to increase pumping capacity to the buildout requirement of 15 mgd. Expected improvements include the installation of four larger pumps, along with electrical and control upgrades.

Links to Board's Strategic Initiatives

- Water and Sewer Master Plan
- Redevelopment Plan
- Comprehensive Plan

OPERATING IMPACT SUMMARY

None



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	0	0	0	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	0	0	0	975,000	0	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$975,000	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	0	0	0	653,000	0	0
User Fees	0	0	0	0	322,000	0	0
Total	\$0	\$0	\$0	\$0	\$975,000	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

480 WATER PRESSURE ZONE IMPROVEMENTS

Total Project Cost: \$2,846,000

Est. Opening Date: 2014

PROGRAM DESCRIPTION

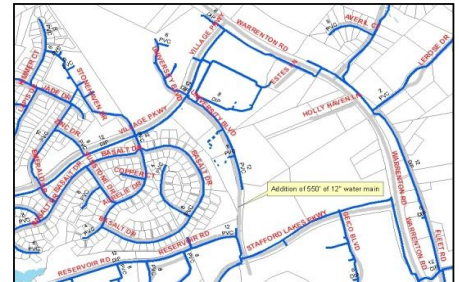
Construction of 550 feet of 12" water line along University Boulevard. Large water line needed to provide adequate water flows into Stafford Lakes.

Links to Board's Strategic Initiatives

- Water and Sewer Master Plan
- Comprehensive Plan
- Redevelopment Plan

OPERATING IMPACT SUMMARY

None



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	175,000	0	0	0	0	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	2,435,000	0	73,000	163,000	0	0	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$2,610,000	\$0	\$73,000	\$163,000	\$0	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
ProRata Fees	1,749,000	0	49,000	109,000	0	0	0
User Fees	861,000	0	24,000	54,000	0	0	0
Total	\$2,610,000	\$0	\$73,000	\$163,000	\$0	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

CENTREPORT WATER TANK

Total Project Cost: \$2,439,000

Est. Opening Date: 2014

Links to Board's Strategic Initiatives

- Water and Sewer Master Plan
- Comprehensive Plan

PROGRAM DESCRIPTION

New 1 MG Water Storage Tank to be located in the Centreport area to serve the 370N water pressure zone. Along with the new Courthouse Area Water Tank, this will provide two (2) tanks serving the 370N water pressure zone. Will provide additional fire suppression capabilities and increased water pressure in the area around the Stafford Regional Airport and Centreport. In addition, the new tank will provide a second water storage facility for the 370N water pressure zone which will allow one tank to be taken out of service for maintenance or painting without affecting the reliability of the water distribution system.

OPERATING IMPACT SUMMARY

None



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	208,000	0	0	0	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	0	1,231,000	1,000,000	0	0	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$208,000	\$1,231,000	\$1,000,000	\$0	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	139,000	825,000	670,000	0	0	0
User Fees	0	69,000	406,000	330,000	0	0	0
Total	\$0	\$208,000	\$1,231,000	\$1,000,000	\$0	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

WATER DISTRIBUTION SYSTEM REHABILITATION PROGRAM

Total Project Cost: \$1,750,000

Est. Opening Date: Ongoing Program

PROGRAM DESCRIPTION

Replacement of deteriorating, corroded and under-sized water mains to avoid pipe failures, minimize water quality complaints and enhance the ability of move water where it is needed in a timely manner. Also, installation of additional valves and fire hydrants to minimize the number of customers affected by water breaks and improve fire suppression capabilities. Will maintain water distribution system reliability and enhance fire suppression capabilities. By adding additional valves, we will also be able to minimize the number of customers affected when we have water main breaks.

Links to Board's Strategic Initiatives

•Utilities Fiscal Plan

OPERATING IMPACT SUMMARY

None



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	0	0	0	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	250,000	250,000	250,000	250,000	250,000	250,000	250,000
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	0	0	0	0	0	0
User Fees	250,000	250,000	250,000	250,000	250,000	250,000	250,000
Total	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

ABEL LAKE REHAB & UPGRADE

Total Project Cost: \$6,401,000

Est.
Opening 2016
Date:

Links to Board's Strategic Initiatives

•Water and Sewer Master Plan

PROGRAM DESCRIPTION

Once the new Rocky Pen Run WTF is in service, the Abel Lake WTF will be taken out of service for rehabilitation and upgrade. This facility was initially placed in service in 1982 and will be 32 years old in FY2014. The project is expected to convert the facility from a conventional filtration facility to a membrane treatment one similar to Rocky Pen Run. It is expected that the summertime production capacity can be increased from the current limit of 6.0 mgd to about 7.5 mgd. Project will update and/or replace aging equipment to maintain the reliability of the water treatment facility. Existing pumps, chemical storage tanks, mixers, electrical controls, instrumentation and other furnishings will be evaluated to determine whether they need to be replaced. In addition, the facility will be converted from high-rate filtration to membranes which will not only enhance water quality, but will also increase the water production capacity to about 7.5 mgd during warm weather periods.

OPERATING IMPACT SUMMARY

The Abel Lake WTF staff will move to the new Rocky Pen Run WTF while the Abel Lake WTF is being upgraded. Cost increases in the Rocky Pen Run WTF budget offset each other.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	0	602,000	0	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	0	0	0	3,603,000	2,000,000	0
Contingency	0	0	0	0	0	196,000	0
Other	0	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$602,000	\$3,603,000	\$2,196,000	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	0	0	0	0	0	0
Availability fees	0	0	0	602,000	3,603,000	2,196,000	0
Total	\$0	\$0	\$0	\$602,000	\$3,603,000	\$2,196,000	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

*Abel Lake WTF staff will move to Rocky Pen Run WTF while Abel Lake WTF is undergoing upgrade

5 MGD of MEMBRANES FOR ROCKY PEN RUN

Total Project Cost: \$2,342,000

Est. Opening Date: 2013

Links to Board's Strategic Initiatives

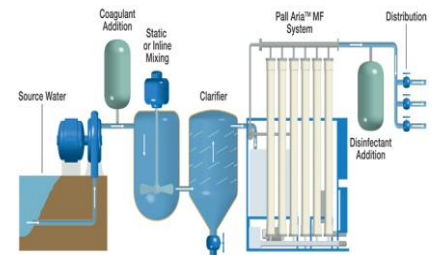
•Utilities Fiscal Plan

PROGRAM DESCRIPTION

Once the new Rocky Pen Run WTF is in service, the Abel Lake WTF will be taken out of service for rehabilitation and upgrade. An additional 5 MGD of membranes at Rocky Pen Run WTF will give it a capacity of 10 MGD and more than replace the Abel Lake WTF capacity. Project will provide a total of 10 MGD production capacity at Rocky Pen Run (12.5 MGD in summer months) which will be needed during the renovation of the Abel Lake WTF.

OPERATING IMPACT SUMMARY

None



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	0	0	0	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	0	2,129,000	0	0	0	0
Contingency	0	0	213,000	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$0	\$2,342,000	\$0	\$0	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	0	0	0	0	0	0
Availability fees	0	0	2,342,000	0	0	0	0
Total	\$0	\$0	\$2,342,000	\$0	\$0	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

ROCKY PEN RUN RESERVOIR and WATER TREATMENT FACILITY

Total Project Cost: \$125,000,000 **Est. Opening Date:** 2013

Links to Board's Strategic Initiatives

•Water and Sewer Master Plan

PROGRAM DESCRIPTION

Construction of a dam, river intake pump station, treatment facility and wetlands/stream impact mitigation for a pumped storage water supply and treatment facility near the Rappahannock River. When full, the reservoir will hold in excess of 5.3 billion gallons of water. The Board of Supervisors endorsed the construction of the Rocky Pen Run Reservoir to meet water demands over a fifty year planning period. Will increase water treatment capacity by 10 MGD initially with ability to incrementally increase treatment capacity up to 20 MGD and perhaps 25 MGD. In combination with Smith Lake and Abel Lake, the total safe yield capacity will increase from 13.8 MGD to approximately 26 MGD.

OPERATING IMPACT SUMMARY

The Abel Lake WTF staff will move to the new Rocky Pen Run WTF while the Abel Lake WTF is being upgraded. Cost increases in the Rocky Pen Run WTF operations budget and Abel Lake savings offset each other.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	5,000,000	0	0	0	0	0	0
Property Acquisition	14,554,000	0	0	0	0	0	0
Construction / Project	41,446,000	34,000,000	30,000,000	0	0	0	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$61,000,000	\$34,000,000	\$30,000,000	\$0	\$0	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	34,000,000	30,000,000	0	0	0	0
ProRata Fees	0	0	0	0	0	0	0
Availability fees	61,000,000	0	0	0	0	0	0
Total	\$61,000,000	\$34,000,000	\$30,000,000	\$0	\$0	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	2,339,000	4,403,000	4,403,000	4,403,000	4,403,000	4,403,000
Revenue/Savings	0	0	0	0	0	0
Total	\$2,339,000	\$4,403,000	\$4,403,000	\$4,403,000	\$4,403,000	\$4,403,000

* When debt is issued for this project it is expected that it will include reimbursement of prior expenditures



DEPARTMENT OF UTILITIES

Wastewater

Projects	Prior Funding	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total CIP (FY12-17)	Total Project Cost
Claiborne Run PS Replacement & Parallel Force Main	0	0	266,000	6,610,000	6,000,000	0	0	12,876,000	12,876,000
Falls Run PS & FM Replacement	0	301,000	4,522,000	4,500,000	0	0	0	9,323,000	9,323,000
Falls Run Sewer Interceptor (Phase 2)	0	360,000	2,330,000	2,973,000	0	0	0	5,663,000	5,663,000
Potomac Creek PS & FM Upgrades	0	0	0	0	445,000	1,716,000	600,000	2,761,000	2,761,000
Wastewater PS Rehabilitation	250,000	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000	1,750,000
Wastewater Collection System Rehabilitation	250,000	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000	1,750,000
Equipment Replacement - Aquia WWTF	0	0	0	895,000	0	0	1,011,000	1,906,000	1,906,000
Equipment Replacement - LF Run WWTF	0	0	0	0	0	651,000	0	651,000	651,000
Total	\$500,000	\$1,161,000	\$7,618,000	\$15,478,000	\$6,945,000	\$2,867,000	\$2,111,000	\$36,180,000	\$36,680,000

CLAIBORNE RUN PUMP STATION REPLACEMENT & PARALLEL FORCE MAIN

Total Project Cost: \$12,876,000

Est. Opening Date: 2015

PROGRAM DESCRIPTION

Replacement of existing 8.1 MGD pump station with a new 30 MGD pump station. Construction of 35,600 feet of new parallel 24-inch force main at a cost of \$150 per foot. Original pump station was constructed in 1978 and is nearing end of its useful life. Additional capacity needed to accommodate flows from Southern Gateway and Falmouth Redevelopment Areas as well as Urban Development Areas in southern Stafford. Provides additional wastewater pumping capacity to convey higher wastewater volumes from the southern part of the county to the Little Falls Run Wastewater Treatment Facility.

Links to Board's Strategic Initiatives

- Water and Sewer Master Plan
- Redevelopment Plan
- Comprehensive Plan

OPERATING IMPACT SUMMARY

None



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	266,000	0	0	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	0	0	6,610,000	6,000,000	0	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$0	\$266,000	\$6,610,000	\$6,000,000	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	0	178,000	4,429,000	4,020,000	0	0
User Fees	0	0	88,000	2,181,000	1,980,000	0	0
Total	\$0	\$0	\$266,000	\$6,610,000	\$6,000,000	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

FALLS RUN PUMP STATION & FORCE MAIN REPLACEMENT

Total Project Cost: \$9,323,000

Est. Opening Date: 2014

Links to Board's Strategic Initiatives

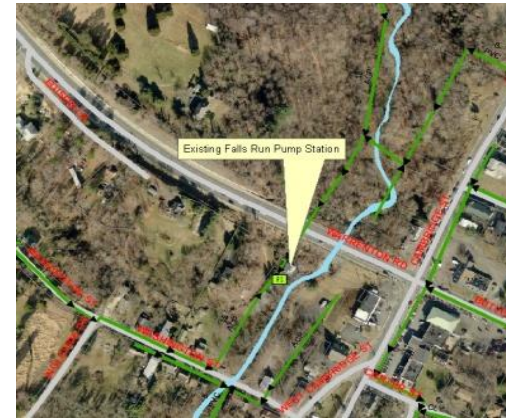
- Water and Sewer Master Plan
- Redevelopment Plan
- Comprehensive Plan

PROGRAM DESCRIPTION

Construction of new Falls Run PS and Force Main. Current pump station is rated at 9.4 MGD. Replacement station would be rated at 15.5 MGD. Existing 16-inch force Main would be replaced with 9,841 feet of 30" pipe at \$180 per foot. Additional capacity will be needed to accommodate flows from the Southern Gateway and Falmouth Redevelopment Areas. This project will convey increased wastewater volumes from the Warrenton Road corridor to the Claiborne Run Pump Station and ultimately to the Little Falls Wastewater Treatment Facility.

OPERATING IMPACT SUMMARY

None



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	301,000	0	0	0	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	0	4,522,000	4,500,000	0	0	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$301,000	\$4,522,000	\$4,500,000	\$0	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	202,000	3,030,000	3,015,000	0	0	0
User Fees	0	99,000	1,492,000	1,485,000	0	0	0
Total	\$0	\$301,000	\$4,522,000	\$4,500,000	\$0	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

FALLS RUN SEWER INTERCEPTOR (Phase 2)

Total Project Cost: \$5,663,000

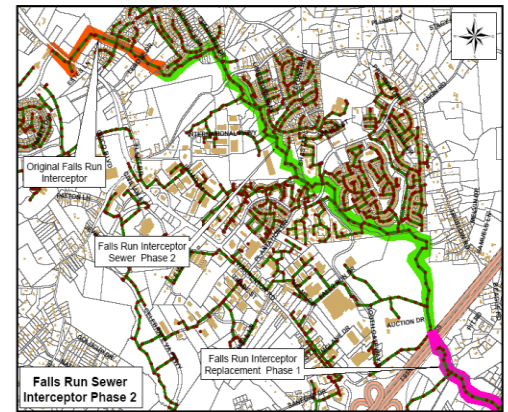
Est. Opening Date: 2014

Links to Board's Strategic Initiatives

- Water and Sewer Master Plan
- Redevelopment Plan
- Comprehensive Plan

PROGRAM DESCRIPTION

Project to replace 13,100 linear feet of 12" and 15" gravity sewer main along Falls Run with 24" pipe from the terminus of the 30" main near Stanstead Road to the vicinity of Pennsbury Court. The existing sewer interceptor was constructed in the 1970s of materials susceptible to hydrogen sulfide damage, a constituent commonly found in sewer systems. Changes in stream alignment have left some sections of the existing sewer interceptor exposed and/or subject to wash-out from high stream flow events. Upgrade will provide additional capacity for flows from the Southern Gateway Redevelopment Area. This project will provide additional capacity for future development west of I-95 and will also substantially reduce the likelihood of pipe failure and subsequent pollution of Falls Run.



OPERATING IMPACT SUMMARY

None

PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	360,000	0	0	0	0	0
Property Acquisition	0	0	0	373,000	0	0	0
Construction / Project	0	0	2,330,000	2,600,000	0	0	0
Contingency	0	0	0	0	0	0	0
Other Equipment	0	0	0	0	0	0	0
Total	\$0	\$360,000	\$2,330,000	\$2,973,000	\$0	\$0	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	241,000	1,561,000	1,992,000	0	0	0
User Fees	0	119,000	769,000	981,000	0	0	0
Total	\$0	\$360,000	\$2,330,000	\$2,973,000	\$0	\$0	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

POTOMAC CREEK PS and FM UPGRADES

Total Project Cost: \$2,761,000

Est. Opening Date: 2017

Links to Board's Strategic Initiatives

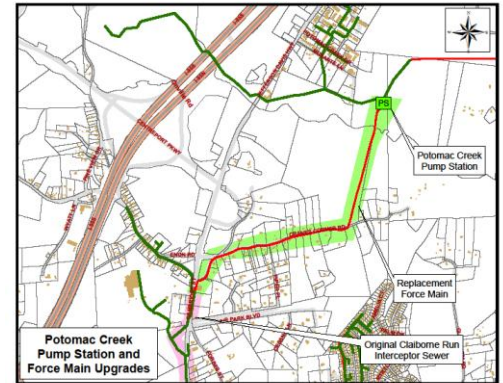
•Water and Sewer Master Plan

PROGRAM DESCRIPTION

Upgrade or replacement of the existing pump station with a new 4.34 MGD station and replacement of the existing force main with a larger 16" force main. Additional wastewater pumping and transmission capacity is needed to serve the commercial and residential development. The Master Water and Sewer Plan recommends increasing the capacity to accommodate build-out flows.

OPERATING IMPACT SUMMARY

None



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	0	0	445,000	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	0	0	0	0	1,716,000	600,000
Contingency	0	0	0	0	0	0	0
Other Equipment	0	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$445,000	\$1,716,000	\$600,000

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	0	0	0	298,000	1,150,000	402,000
User Fees	0	0	0	0	147,000	566,000	198,000
Total	\$0	\$0	\$0	\$0	\$445,000	\$1,716,000	\$600,000

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

WASTEWATER PUMP STATION REHABILITATION

Total Project Cost: \$1,750,000

Est. Opening Date: Ongoing

PROGRAM DESCRIPTION

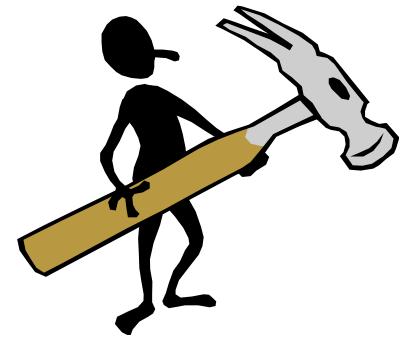
Ongoing rehabilitation program for the County's 89 wastewater pump stations. Program systematically upgrades all outdated pumping stations with modern mechanical, electrical and control equipment. This program reinforces the County's efforts to minimize the chances for sewage overflows or spillages due to failure of one of its pump stations. Redundant equipment is installed to provide additional reliability and alarms are maintained to provide notice of an impending problem in order that it can be corrected prior to any overflow or spillage of sewage.

Links to Board's Strategic Initiatives

- Utilities Fiscal Policy

OPERATING IMPACT SUMMARY

None



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	0	0	0	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	250,000	250,000	250,000	250,000	250,000	250,000	250,000
Contingency	0	0	0	0	0	0	0
Other Equipment	0	0	0	0	0	0	0
Total	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	0	0	0	0	0	0
User Fees	250,000	250,000	250,000	250,000	250,000	250,000	250,000
Total	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

WASTEWATER COLLECTION SYSTEM REHABILITATION

Total Project Cost: \$1,750,000

Est. Opening Date: Ongoing

Links to Board's Strategic Initiatives

- Utilities Fiscal Policy

PROGRAM DESCRIPTION

Ongoing rehabilitation program for the County's 415 miles of gravity sewers, 55 miles of pump station force mains and 14 miles of low pressure sewer lines. Program systematically provides upgrades to reduce the amount of inflow of surface water and infiltration of groundwater into the sanitary sewer system. The program also seeks to identify and replace deteriorated conditions before catastrophic failures can occur. Reductions in inflow and infiltration can reduce the current treatment capacities needed at the two wastewater treatment facilities and provide additional capacity for growth without requiring upgrades to the wastewater collection and/or treatment systems.

OPERATING IMPACT SUMMARY

None



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	0	0	0	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	250,000	250,000	250,000	250,000	250,000	250,000	250,000
Contingency	0	0	0	0	0	0	0
Other Equipment	0	0	0	0	0	0	0
Total	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	0	0	0	0	0	0
User Fees	250,000	250,000	250,000	250,000	250,000	250,000	250,000
Total	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

EQUIPMENT REPLACEMENT - AQUIA WWTF

Total Project Cost: \$1,906,000

Est. Opening Date: Ongoing

Links to Board's Strategic Initiatives

•Comprehensive Plan

PROGRAM DESCRIPTION

Replacement centrifuge for dewatering sludge in FY 2014. Replacement of headworks components, sludge feed pumps, other miscellaneous pumps and controls, and air diffusers for all 3 treatment trains in FY 2017.

OPERATING IMPACT SUMMARY

None



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	0	0	0	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	0	0	895,000	0	0	1,011,000
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$895,000	\$0	\$0	\$1,011,000

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	0	0	0	0	0	0
User Fees	0	0	0	895,000	0	0	1,011,000
Total	\$0	\$0	\$0	\$895,000	\$0	\$0	\$1,011,000

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

EQUIPMENT REPLACEMENT - LITTLE FALLS RUN WWTF

Total Project Cost: \$651,000

Est. Opening Date: Ongoing

PROGRAM DESCRIPTION

Replacement of boiler piping, grit classifier, roof on Control Building, roof on Maintenance Building, submersible chopper pumps, 4 waste activated sludge pumps, 6 gear drives for traveling bridges, 2 grit/grease blowers, and laboratory counters and cabinets. Also, conversion of centrifuge from AC to DC drive. Maintains continual operability and reliability of equipment.

Links to Board's Strategic Initiatives

- Comprehensive Plan

OPERATING IMPACT SUMMARY

None



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	0	0	0	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	0	0	0	0	651,000	0
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$651,000	\$0

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	0	0	0	0	0	0
User Fees	0	0	0	0	0	651,000	0
Total	\$0	\$0	\$0	\$0	\$0	\$651,000	\$0

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0





DEPARTMENT OF UTILITIES

Both Water & Wastewater

Projects	Prior Funding	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total CIP (FY12-17)	Total Project Cost
Equipment Replacement	0	500,000	213,000	750,000	380,000	240,000	175,000	2,258,000	2,258,000
Cosolidated Logistics Facility Study	1,250,000	0	0	0	0	0	1,000,000	1,000,000	2,250,000
Total	\$1,250,000	\$500,000	\$213,000	\$750,000	\$380,000	\$240,000	\$1,175,000	\$3,258,000	\$4,508,000

VEHICLE & EQUIPMENT REPLACEMENT

Total Project Cost: \$2,258,000

Est. Opening Date: Ongoing

[Links to Board's Strategic Initiatives](#)

•Comprehensive Plan

PROGRAM DESCRIPTION

Replacement of vehicles and major pieces of equipment due to high mileage, excess repair and maintenance costs, or condition issues.

OPERATING IMPACT SUMMARY

None



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	0	0	0	0	0
Property Acquisition	0	0	0	0	0	0	0
Construction / Project	0	500,000	213,000	750,000	380,000	240,000	175,000
Contingency	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	\$0	\$500,000	\$213,000	\$750,000	\$380,000	\$240,000	\$175,000

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	0	0	0	0	0	0
User Fees	0	500,000	213,000	750,000	380,000	240,000	175,000
Total	\$0	\$500,000	\$213,000	\$750,000	\$380,000	\$240,000	\$175,000

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

CONSOLIDATED LOGISTICS FACILITY

Total Project Cost: TBD

Est. Opening Date: 2017

Links to Board's Strategic Initiatives

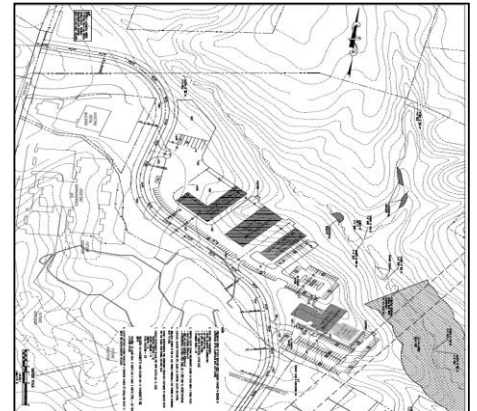
- Promoting efficiencies and centralization of operations

PROGRAM DESCRIPTION

Funding is included in the planning period to evaluate the possibility for sharing land owned by the County near the regional jail for use by Fire & Rescue, Parks and Recreation and the Department of Utilities. For the Department of Utilities, the need would be for additional area to store pipe and other materials and enhance our ability to make bulk purchases and achieve cost savings. Space is also needed to provide indoor storage for the vac trucks to prevent freezing issues in cold weather. In addition, additional office space is needed to consolidate operations and eliminate the need to lease office space.

OPERATING IMPACT SUMMARY

It is likely that increased utilities costs would be offset by savings in rent for leased spaces.



PROJECT COSTS

Cost Categories	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Planning/Design	0	0	0	0	0	0	1,000,000
Property Acquisition	1,250,000	0	0	0	0	0	0
Construction / Project	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0
Other Equipment	0	0	0	0	0	0	0
Total	\$1,250,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000

Funding Sources	Prior Year	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Current Revenue	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0
ProRata Fees	0	0	0	0	0	0	0
User Fees	1,250,000	0	0	0	0	0	1,000,000
Total	\$1,250,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000

Operating Impacts	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Personnel	0	0	0	0	0	0
Operating	0	0	0	0	0	0
Debt Service	0	0	0	0	0	0
Revenue/Savings	0	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0	\$0

