

Stafford County, Virginia

Adopted Capital Improvement Program

FY 2011 - 2014



Stafford County Board of Supervisors



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CAPITAL IMPROVEMENTS PROGRAM

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.

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 re-evaluated based on conditions and requirements of the community.

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.

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, 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.



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 are designated to projects for new school construction.

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."

Other Revenue Sources

Other sources of revenue include private funds, transient occupancy taxes for tourism purposes, and traffic impact fees. 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.

Debt Limitations

The financial policies also define the County's maximum debt. As part of the efforts to improve the County's bond rating, it is anticipated that the Board will amend its financial policies to lower debt limitations. This chart illustrates the current debt limitations and those recommended by the County's financial advisers:

	Current	Recommended
Debt to Assessed Value	4.50%	3.00%
Debt Service to Budget	12%	10%

The County is in compliance with its current limits. The Board is expected to approve changes to its financial policies that will reduce the limits to the recommended level within five years. The Board has already begun to take steps in this direction. The approved CIP was formulated with a 3.5% debt to assessed value and 11% debt service to budget.



What's New?

The FY 2011 - FY 2014 CIP builds on previously approved Capital Improvement Plans. Many of the projects in this CIP were included in earlier plans. A column, labeled "FY10 and Prior Years" is included showing this continuity. This year's plan includes the following changes and updates:

County Government

- Courthouse Addition - The Courts Committee recommends expanding and upgrading the current Courthouse. With an estimated cost of \$21.7 million, the proposed project combines/replaces these three projects from the current CIP:

New Juvenile and Domestic Relations Court ¹	\$33.8 m
Renovation of the first floor of the Courthouse ¹	1.0 m
Parking Lot Repairs ¹	0.8 m
Air Conditioning, Roof Repairs ²	<u>0.5 m</u>
Total	\$36.1 m

This change results in a savings of \$14.4 million.

- Courthouse Streetscape - revitalization of the area around the Government Center complex using federal grant money

Schools

- Renovation of five elementary schools
- Removal of the land bank effort
- Removal of the fiber optic projects

The Stafford High School replacement and an Applied Technology Center are beyond this planning period and will be considered in a future year's CIP.

¹ Project included in Approved CIP

² Project requested for Proposed FY 2011-14 CIP



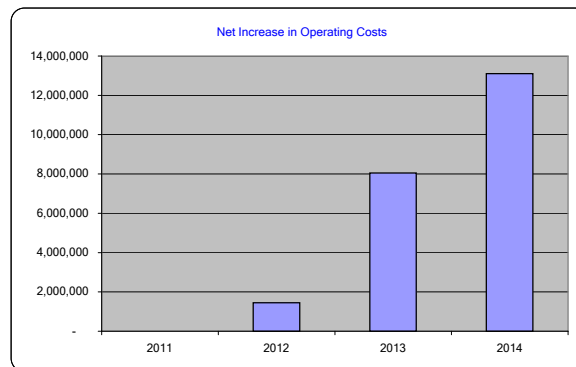
COUNTY OF STAFFORD, VIRGINIA
 ADOPTED CAPITAL IMPROVEMENT PROGRAM
 FY2011-2014

All Projects

Projects	FY2010 and Prior Funding	FY2011	FY2012	FY2013	FY2014	Total This Period	Later Years Funding	Total Project Cost
Fire, Rescue and Emergency Services	0	1,280,000	7,570,000	1,649,000	2,486,000	12,985,000	0	12,985,000
Information Technology	0	200,000	3,980,000	100,000	300,000	4,580,000	0	4,580,000
Parks, Recreation and Community Facilities	2,439,000	5,921,000	8,064,000	8,292,000	7,311,000	29,588,000	3,500,000	35,527,000
Public Works	587,000	3,917,000	1,340,000	22,540,000	350,000	28,147,000	0	28,734,000
Transportation	8,850,000	5,755,000	5,575,000	18,962,000	15,510,000	45,802,000	86,548,000	141,200,000
Schools	912,000	9,263,800	22,351,068	21,788,995	17,963,444	71,367,307	12,972,835	85,252,142
Project Total	\$12,788,000	\$26,336,800	\$48,880,068	\$73,331,995	\$43,920,444	\$192,469,307	\$103,020,835	\$308,278,142

Funding Summary	FY2011	FY2012	FY2013	FY2014	Total
County	\$3,309,000	\$15,080,000	\$34,666,000	\$20,725,000	\$73,780,000
Schools	8,257,800	21,321,068	20,613,995	17,139,444	67,332,307
Bond	\$11,566,800	\$36,401,068	\$55,279,995	\$37,864,444	\$141,112,307
Master Lease	0	6,010,000	1,394,000	2,163,000	9,567,000
Other Funding Sources	3,938,000	1,855,000	12,437,000	520,000	18,750,000
Cash Funded (County)	9,826,000	3,584,000	3,046,000	2,549,000	19,005,000
Cash Funded (Schools)	1,006,000	1,030,000	1,175,000	824,000	4,035,000
	\$26,336,800	\$48,880,068	\$73,331,995	\$43,920,444	\$192,469,307

Operating Impacts Summary	FY11	FY12	FY13	FY14
Personnel	0	435,148	1,887,577	2,289,571
Operating	0	44,000	810,061	798,963
New Debt Service		967,902	4,422,427	5,764,117
Debt Service (cumulative)	0	967,902	5,390,329	10,186,544
Revenue/Savings	0	0	(38,000)	(167,000)
Total	\$0	\$1,447,050	\$8,049,967	\$13,108,078





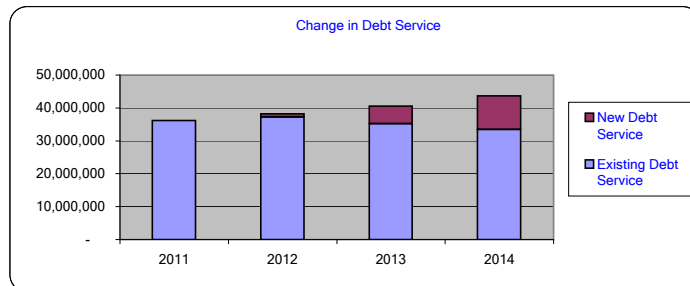
COUNTY OF STAFFORD, VIRGINIA
 ADOPTED CAPITAL IMPROVEMENT PROGRAM
 FY2011-2014

Debt Funded Projects

Projects	FY2011	FY2012	FY2013	FY2014	Total This Period
Fire, Rescue and Emergency Services	0	5,175,000	0	0	5,175,000
Information Technology	0	0	0	0	0
Parks, Recreation and Community Facilities	3,309,000	7,855,000	7,541,000	6,795,000	25,500,000
Public Works	0	0	21,700,000	0	21,700,000
Transportation	0	2,050,000	5,425,000	13,930,000	21,405,000
Schools	8,257,800	21,321,068	20,613,995	17,139,444	67,332,307
Project Total	\$11,566,800	\$36,401,068	\$55,279,995	\$37,864,444	\$141,112,307

Bond Funded Summary	FY2011	FY2012	FY2013	FY2014	Total
County	\$3,309,000	\$15,080,000	\$34,666,000	\$20,725,000	\$73,780,000
Schools	8,257,800	21,321,068	20,613,995	17,139,444	67,332,307
Total Borrows	11,566,800	36,401,068	55,279,995	37,864,444	141,112,307
Availability Limit	61,365,000	25,468,000	27,461,000	27,155,000	141,449,000
Cumulative (Deficit)/Surplus		38,865,132	11,046,137	336,693	

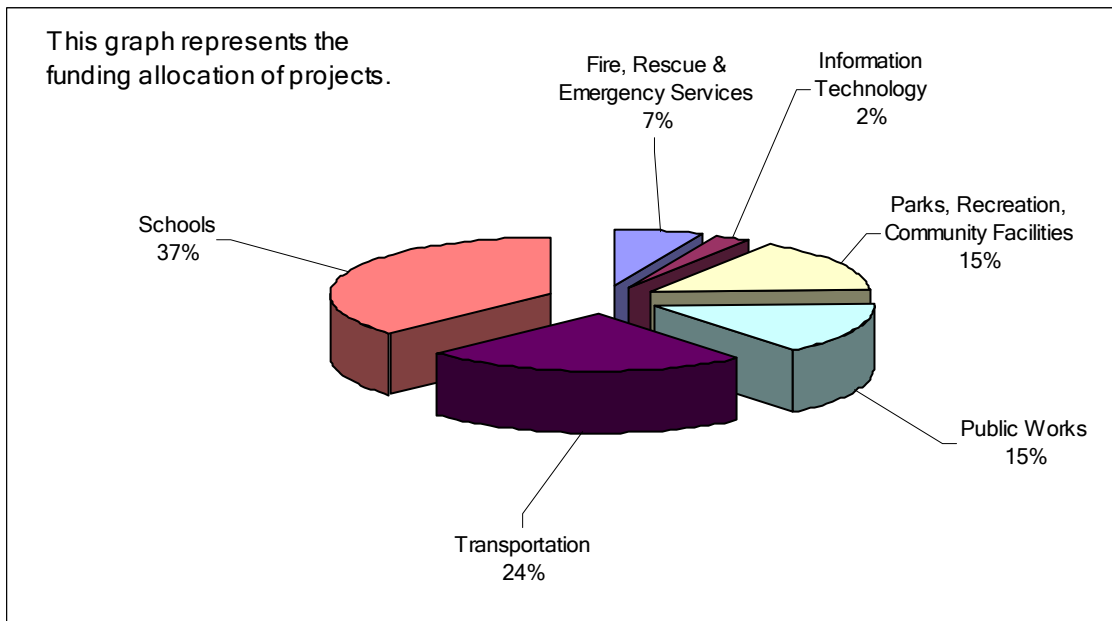
Debt Service	FY2011	FY2012	FY2013	FY2014
Existing Debt Service	36,232,087	37,262,033	35,181,330	33,498,178
New Debt Service	-	967,902	5,390,329	10,186,544
Total Debt	36,232,087	38,229,935	40,571,659	43,684,722





CAPITAL IMPROVEMENT PROGRAM PROJECT ALLOCATION CHART

The FY 2010 - FY 2014 Adopted General Fund Capital Improvement Program totals \$192.5 million, and includes projects for General Government, Schools, and Transportation. Transportation projects are those included in the Bond Referendum approved by County residents on November 4, 2008. Parks, Recreation and Community Facilities projects include those approved in the Bond Referendum approved on November 3, 2009.



FIRE RESCUE AND EMERGENCY SERVICES SUMMARY

Projects	FY2010 and Prior Funding	FY2011	FY2012	FY2013	FY2014	Later Years Funding	Total Project Cost
Fire and Rescue Station 14	0	1,000,000	5,175,000	0	0	0	6,175,000
Replacement Apparatus	0	280,000	2,395,000	1,649,000	2,486,000	0	6,810,000
Total	\$0	\$1,280,000	\$7,570,000	\$1,649,000	\$2,486,000	\$0	\$12,985,000

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	1,221,000	1,294,000
Operating	0	0	459,000	37,000
Debt Service	0	0	433,041	433,041
Debt Service Master Lease (cumulative)	0	0	375,000	620,000
Revenue/Savings	0	0	(38,000)	(40,000)
Total	\$0	\$0	\$2,450,041	\$2,344,041

FIRE AND RESCUE STATION 14

Total Project Cost: \$6,175,000

Est. Opening Date: FY13

Lead Agency: Fire and Rescue

PROGRAM DESCRIPTION

Fire and Rescue Station 14 will be located in North Stafford. The building will be a minimum of 14,336 square feet and house 1 engine, 1 ladder truck, and 1 Advanced Life Support Ambulance. Career staffing will be needed for a 24-hour engine, a 24-hour ladder truck, and a 24-hour ambulance. The building will include apparatus bays, workshop, sleeping quarters, kitchen and dayroom, physical fitness room, offices, and a training room. A temporary station was added in November of 2008 due to a possible Insurance Service's Office (ISO) downgrade. With the addition of this station, data supports that response times have improved. This 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 that this is 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

The operating costs will begin in FY 2013 and includes funding for 18 new employees. 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. Start up costs include furniture and equipment for the facility.

PROJECT COSTS

Cost Categories	Prior Year	FY11	FY12	FY13	FY14
Planning/Design	0	0	0	0	0
Property Acquisition	0	1,000,000	0	0	0
Construction	0	0	4,700,000	0	0
Equipment	0	0	0	0	0
Contingency	0	0	475,000	0	0
Total	\$0	\$1,000,000	\$5,175,000	\$0	\$0

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	1,000,000	0	0	0
Bonds	0	0	5,175,000	0	0
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Master Lease	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Grant	0	0	0	0	0
Total	\$0	\$1,000,000	\$5,175,000	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	1,221,000	1,294,000
Operating	0	0	459,000	37,000
Debt Service	0	0	433,041	433,041
Debt Service Master Lease	0	0	0	0
Revenue/Savings	0	0	(38,000)	(40,000)
Total	\$0	\$0	\$2,075,041	\$1,724,041

FIRE AND RESCUE REPLACEMENT APPARATUS

Total Project Cost: \$6,810,000

Est. Opening Date: n/a

Lead Agency: Fire and Rescue Department

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/ankers; 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

<u>Cost Categories</u>	<u>Prior Year</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>
Replacement Apparatus	0	280,000	2,395,000	1,649,000	2,486,000
Total	\$0	\$280,000	\$2,395,000	\$1,649,000	\$2,486,000

<u>Funding Sources</u>	<u>Prior Year</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>
Current Revenue	0	280,000	265,000	255,000	323,000
Bonds	0	0	0	0	0
Fire Levy	0	0	0	0	0
Master Lease	0	0	2,130,000	1,394,000	2,163,000
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Grant	0	0	0	0	0
Total	\$0	\$280,000	\$2,395,000	\$1,649,000	\$2,486,000

<u>Operating Impacts</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service Master Lease	0	0	375,000	620,000
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$375,000	\$620,000



INFORMATION TECHNOLOGY SUMMARY

Projects	FY2010 and Prior Funding	FY2011	FY2012	FY2013	FY2014	Later Years Funding	Total Project Cost
Land Information System	0	0	680,000	0	0	0	680,000
Computer Aided Dispatch System	0	0	3,200,000	0	0	0	3,200,000
Infrastructure	0	200,000	100,000	100,000	300,000	0	700,000
Total	\$0	\$200,000	\$3,980,000	\$100,000	\$300,000	\$0	\$4,580,000

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	157,148	166,577	176,571
Operating	0	0	6,000	279,000
Debt Service	0	0	1,001,409	1,001,409
Revenue	0	0	0	0
Total	\$0	\$157,148	\$1,173,986	\$1,456,981

LAND INFORMATION SYSTEM

Total Project Cost: \$680,000

Est. Opening Date: FY13

Lead Agency: Information Technology

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

The operating costs beginning in FY13 covers the estimated increase for annual software maintenance. Please note the County currently pays \$53,005 for maintenance therefore there is actually very little increase.

PROJECT COSTS

Cost Categories	Prior Year	FY11	FY12	FY13	FY14
Planning/Design	0	0	30,000	0	0
Property Acquisition	0	0	0	0	0
Construction	0	0	0	0	0
Equipment	0	0	650,000	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$680,000	\$0	\$0

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Fire Levy	0	0	0	0	0
Master Lease	0	0	680,000	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$680,000	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	6,000	6,000
Debt Service	0	0	252,045	252,045
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$258,045	\$258,045

COMPUTER AIDED DISPATCH SYSTEM

Total Project Cost: \$3,200,000

Est. Opening Date: FY 12

Lead Agency : Information Technology

PROGRAM DESCRIPTION

The project replaces the existing Public Safety System (Computer-Aided Dispatch/Records Management System). The existing system is fifteen years old and is not meeting needs for mobile computers, information retrieval and interoperability requirements. The system's legacy database is not industry standard making it very difficult to meet reporting requirements and maintain. A new system must be integrated in real-time with GIS, able to pass data to state and federal systems and provide efficient access by mobile computers to public safety personnel in the field. A modern system will provide efficient management and real-time access to information in the office and remotely with mobile computers. The existing system is limited to pre-programmed information reporting and requires time consuming data dumps and special programming to satisfy information requests.



OPERATING IMPACT SUMMARY

Operating impacts include:

FY12 - Contract consultant services will be needed to assist the County select and contract for a new system: 1) Perform Requirements Analysis and Vendor Research, 2) Create RFP and Evaluate Proposals, 3) Perform Reference Checks and Conduct Scripted Demos, 4) Make Decision and Negotiate Contract.

FY12 - System Analyst position dedicated to Public Safety

FY 12 - Programmer Analyst position also dedicated to Public Safety.

FY14 - Annual software maintenance and hardware maintenance.

PROJECT COSTS

Cost Categories	Prior Year	FY11	FY12	FY13	FY14
Planning/Design	0	0	80,000	0	0
Property Acquisition	0	0	0	0	0
Construction	0	0	0	0	0
Equipment	0	0	3,120,000	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$3,200,000	\$0	\$0

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Fire Levy	0	0	0	0	0
Master Lease	0	0	3,200,000	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$3,200,000	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	157,148	166,577	176,571
Operating	0	0	0	273,000
Debt Service	0	0	749,365	749,365
Revenue/Savings	0	0	0	0
Total	\$0	\$157,148	\$915,941	\$1,198,936

INFORMATION TECHNOLOGY INFRASTRUCTURE

Total Project Cost: \$700,000

Est. Opening Date: ongoing

Lead Agency: Information Technology

PROGRAM DESCRIPTION

1. FY 11 County's Internet Firewall and related network protection hardware and software will be at end of life and without maintenance contracts therefore need to be replaced.



OPERATING IMPACT SUMMARY

There are no operating costs associated with these projects

PROJECT COSTS

Cost Categories	Prior Year	FY11	FY12	FY13	FY14
Internet Pix and Firewall	0	100,000	0	0	0
V M Cluster for PSB	0	100,000	0	0	0
Servers and Network	0	0	100,000	100,000	0
Voice over Internet Protocol	0	0	0	0	300,000
Other	0	0	0	0	0
Total	\$0	\$200,000	\$100,000	\$100,000	\$300,000

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	200,000	100,000	100,000	300,000
Bonds	0	0	0	0	0
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$200,000	\$100,000	\$100,000	\$300,000

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

INFORMATION TECHNOLOGY INFRASTRUCTURE

	Project Amount
FY2011 Projects	
Internet Pix and Firewall Replacement	100,000
Virtual Machine Cluster for Public Safety Building	100,000
FY2011 Total	\$200,000
FY2012 Projects	
Servers & Network	100,000
FY2012 Total	\$100,000
FY2013 Projects	
Servers	100,000
FY2013 Total	\$100,000
FY2014 Projects	
Voice over Internet Protocol	300,000
FY2014 Total	\$300,000
Total FY2011 thru FY2014	\$700,000





PARKS REC. AND COMMUNITY FACILITIES SUMMARY

2009 Bond Projects	FY2010 and Prior Funding	FY2011	FY2012	FY2013	FY2014	Later Years Funding	Bond Funding	Total Project Cost
Chichester Park	338,000	609,000	3,000,000	3,091,000	0		6,700,000	7,038,000
Curtis Park Pool	6,000	0	550,000	2,000,000	3,450,000		6,000,000	6,006,000
Improvements to Existing Parks	0	0	0	0	0	2,000,000	2,000,000	2,000,000
Land Acquisition	0	0	2,000,000	0	0		2,000,000	2,000,000
McDuff Green Park Phase 2	0	50,000	0	450,000	0	500,000	1,000,000	1,000,000
Musselman Park	1,187,000	350,000	1,650,000	0	0		2,000,000	3,187,000
Rectangular Fields with Land	0	2,300,000	655,000	2,000,000	3,345,000		8,300,000	8,300,000
Trails	0	0	0	0	0	1,000,000	1,000,000	1,000,000
Total	\$1,531,000	\$3,309,000	\$7,855,000	\$7,541,000	\$6,795,000	\$3,500,000	\$29,000,000	\$30,531,000

Projects: Other Funding Sources	FY2010 and Prior Funding	FY2011	FY2012	FY2013	FY2014	Later Years Funding	Bond Funding	Total Project Cost
Belmont-Ferry Farm Trail	390,000	1,376,000	0	0	0	0	0	1,766,000
2001 Park Bond Interest	518,000	654,000	0	0	0	0	0	1,172,000
Infrastructure	0	582,000	209,000	751,000	516,000	0	0	2,058,000
Total	\$908,000	\$2,612,000	\$209,000	\$751,000	\$516,000	\$0	\$0	\$4,996,000
Total all Projects	\$2,439,000	\$5,921,000	\$8,064,000	\$8,292,000	\$7,311,000	\$3,500,000	\$29,000,000	\$35,527,000

*Red indicates cash/grant funded projects

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	28,000	153,000	451,000
Operating	0	24,000	231,061	382,963
Debt Service	0	276,895	934,196	1,565,222
Revenue	0	0	0	(47,000)
Total	\$0	\$328,895	\$1,318,257	\$2,352,185

CHICHESTER PARK

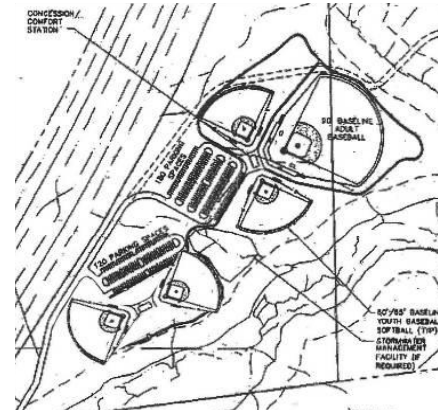
Total Project Cost: \$7,038,000

Est. Opening Date: FY14

Lead Agency: Parks, Recreation and
Community Facilities

PROGRAM DESCRIPTION

Due to the growth of the County and the needs of the Parks, Recreation and Community Facilities Department, Stafford Baseball League and other groups, additional park space for active recreation is necessary. Identified in the Facilities Plan approved November 5, 2008. This project was included in the Parks bond referendum approved by Stafford County voters on November 3, 2009. Scope of work: Development of 37 acres of property adjacent to Stafford High School for future park development to include a 5 field cluster of lighted, irrigated baseball/softball fields. The recommended phase one would include the planning for the site and provision of 3-4 lighted baseball fields, scorers' facilities, adequate parking to hold tournaments, a maintenance facility with a large equipment storage area and meeting space and a playground and picnic shelter(s).



OPERATING IMPACT SUMMARY

Operating impact, to begin in FY14 includes one-time start up costs for field maintenance equipment and 2 vehicles. Ongoing operating costs include expenses for field maintenance, utilities and 2 additional full-time and 4 part-time employees and will be offset by anticipated revenues from rentals, tournament fees and concessions.

PROJECT COSTS

Cost Categories	Prior Year	FY11	FY12	FY13	FY14
Planning/Design	3,000	609,000	0	0	0
Property Acquisition	335,000	0	0	0	0
Construction	0	0	3,000,000	3,091,000	0
Equipment	0	0	0	0	0
Contingency	0	0	0	0	0
Total	\$338,000	\$609,000	\$3,000,000	\$3,091,000	\$0

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	338,000	609,000	3,000,000	3,091,000	0
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$338,000	\$609,000	\$3,000,000	\$3,091,000	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	288,000
Operating	0	0	0	299,000
Debt Service		50,961	301,999	560,652
Revenue/Savings	0	0	0	(46,000)
Total	\$0	\$50,961	\$301,999	\$1,101,652

CURTIS PARK POOL

Total Project Cost: \$6,006,000

Est. Opening Date: FY15

Lead Agency: Parks, Recreation and
Community Facilities

PROGRAM DESCRIPTION

The pool facilities at Curtis Memorial Park were constructed in 1976 and have been deteriorating rapidly over the past two 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. This project was included in the Parks bond referendum approved by Stafford County voters on November 3, 2009.

Scope of work: Demolish the existing pool and bath house. Construct a new covered 25 yard X 50 meter pool. Construct a new bath house, with adequate staff facilities. Provide improved accessibility.



OPERATING IMPACT SUMMARY

Operating costs to begin in FY15, include one-time startup costs for pool equipment. Ongoing operating expenses include two additional full-time employees and 21 additional part-time employees. The increase in operating costs will be partially offset by revenues from additional pool usage, swim meet fees and concessions.

PROJECT COSTS

Cost Categories	Prior Year	FY11	FY12	FY13	FY14
Planning/Design	6,000	0	550,000	0	0
Property Acquisition	0	0	0	0	0
Construction	0	0	0	2,000,000	3,450,000
Equipment	0	0	0	0	0
Contingency	0	0	0	0	0
Total	\$6,000	\$0	\$550,000	\$2,000,000	\$3,450,000

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	6,000	0	0	0	0
Bonds	0	0	550,000	2,000,000	3,450,000
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$6,000	\$0	\$550,000	\$2,000,000	\$3,450,000

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service		0	46,024	213,382
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$46,024	\$213,382

IMPROVEMENTS TO EXISTING PARKS

Total Project Cost: \$2,000,000

Est. Opening Date: FY16

Lead Agency: Parks, Recreation and
Community Facilities

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 Americans with Disabilities Act (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 and safety concerns. Improvements were identified in the Facilities Plan approved November 5, 2008. This project was included in the Parks bond referendum approved by Stafford County voters on November 3, 2009.



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	FY11	FY12	FY13	FY14
Planning/Design	0	0	0	0	0
Property Acquisition	0	0	0	0	0
Construction	0	0	0	0	0
Equip					0
Conti					0
					\$0
					714
Curre					0
Bond					0
Fire L					0
Debt					0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0

Funding for this project is beyond the planning period of the Adopted CIP. This project is one of those approved in the 2009 bond referendum and is included for information purposes only.

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service	0	0	0	0
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

LAND ACQUISITION

Total Project Cost: \$2,000,000

Est. Opening Date: FY12

Lead Agency: Parks, Recreation and
Community Facilities

PROGRAM DESCRIPTION

Purchase parcels of land yet to be identified for construction of park facilities. To assist with meeting the needs of the citizens for park lands. This project was included in the Parks bond referendum approved by Stafford County voters on November 3, 2009.



OPERATING IMPACT SUMMARY

No operating impacts associated with the purchase of the land.

PROJECT COSTS

Cost Categories	Prior Year	FY11	FY12	FY13	FY14
Planning/Design	0	0	0	0	0
Property Acquisition	0	0	2,000,000	0	0
Construction	0	0	0	0	0
Equipment	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$2,000,000	\$0	\$0

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	2,000,000	0	0
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$2,000,000	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service	0	0	167,359	167,359
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$167,359	\$167,359

MCDUFF GREEN PARK PHASE 2

Total Project Cost: \$1,000,000

Est. Opening Date: FY16

Lead Agency: Parks, Recreation and
Community Facilities

PROGRAM DESCRIPTION

This project plans the use of this new land in relation with the existing Duff McDuff Green Park and the land owned by the University of Mary Washington. Improvements to the out buildings for park maintenance equipment storage and the farm house as well as improvements to park access. The farm house will need repairs to prevent degradation of the structure and likely some systems upgrades. Construction of athletic fields and trails are proposed in this phase. Approximately 128 acres of new parkland was donated to the County in 2009. 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. The long term uses of the house will be considered in any renovation work. Access to all parcels will need to be addressed. 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.



OPERATING IMPACT SUMMARY

Operating expenses, to begin in FY16, include one-time startup costs for equipment and ongoing operating costs for the house, new amenities, and utilities. Expenses will be partially offset by revenues from field and farm land rental.

PROJECT COSTS

Cost Categories	Prior Year	FY11	FY12	FY13	FY14
Planning/Design	0	50,000	0	450,000	0
Property Acquisition	0	0	0	0	0
Construction	0	0	0	0	0
Equipment	0	0	0	0	0
Contingency (10%)	0	0	0	0	0
Total	\$0	\$50,000	\$0	\$450,000	\$0

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	50,000	0	450,000	0
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$50,000	\$0	\$450,000	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service	0	4,184	4,184	41,840
Revenue/Savings	0	0	0	0
Total	\$0	\$4,184	\$4,184	\$41,840

MUSSELMAN PARK

Total Project Cost: \$3,187,000

Est. Opening Date: FY13

Lead Agency: Parks, Recreation and
Community Facilities

PROGRAM DESCRIPTION

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. This project was included in the Parks bond referendum approved by Stafford County voters on November 3, 2009. Development of 42 acres of property located off Truslow Road to include the planning for the site and provision of one grass baseball field and one grass rectangular field, both lighted and irrigated, a restroom building, picnic shelter, playground, trails, and parking.



OPERATING IMPACT SUMMARY

Estimated operating costs, to begin in FY13, include one-time startup costs for field maintenance equipment and 1 vehicle. Ongoing operating costs include funding for 1 additional full-time and 2 part-time positions. Also included are expenses for field maintenance and utilities.

PROJECT COSTS

Cost Categories	Prior Year	FY11	FY12	FY13	FY14
Planning/Design	5,000	350,000	0	0	0
Property Acquisition	1,182,000	0	0	0	0
Construction	0	0	1,650,000	0	0
Equipment	0	0	0	0	0
Contingency	0	0	0	0	0
Total	\$1,187,000	\$350,000	\$1,650,000	\$0	\$0

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	1,187,000	350,000	1,650,000	0	0
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$1,187,000	\$350,000	\$1,650,000	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	124,000	132,000
Operating	0	0	177,000	29,000
Debt Service	0	29,288	167,359	167,359
Revenue/Savings	0	0	0	(1,000)
Total	\$0	\$29,288	\$468,359	\$327,359

RECTANGULAR ATHLECTIC FIELD COMPLEX

Total Project Cost: \$8,300,000

Est. Opening Date: FY15

Lead Agency: Parks, Recreation and Community Facilities

PROGRAM DESCRIPTION

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. When completed, this project 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. A maintenance facility, playground(s), restrooms, picnic shelter(s), and concession are envisioned. Parking adequate for tournaments will be provided. This project is Phase I of the site development, which may only construct 5-10 fields, some of which may not be lighted or irrigated, and would not include a maintenance facility. Land acquisition is included in the Land Acquisition CIP project. This project was identified in the Facilities Plan approved November 5, 2008. This project was included in the Parks bond referendum approved by Stafford County voters on November 3, 2009.



OPERATING IMPACT SUMMARY

Estimated operating costs, to begin in FY15, include one-time startup costs for field maintenance equipment and 3 vehicles. Ongoing expenses include operating costs for field maintenance and utilities, 3 additional full-time and 4 part-time positions. Operating costs will be offset by anticipated revenues from tournaments and concessions.

PROJECT COSTS

Cost Categories	Prior Year	FY11	FY12	FY13	FY14
Planning/Design	0	0	655,000	0	0
Property Acquisition	0	2,300,000	0	0	0
Construction	0	0	0	2,000,000	3,345,000
Equipment	0	0	0	0	0
Contingency	0	0	0	0	0
Total	\$0	\$2,300,000	\$655,000	\$2,000,000	\$3,345,000

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	2,300,000	655,000	2,000,000	3,345,000
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$2,300,000	\$655,000	\$2,000,000	\$3,345,000

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service	0	192,462	247,272	414,631
Revenue/Savings	0	0	0	0
Total	\$0	\$192,462	\$247,272	\$414,631

TRAILS

Total Project Cost: \$1,000,000

Est. Opening Date: FY16

Lead Agency: Parks, Recreation and Community Facilities

PROGRAM DESCRIPTION

This project consists of constructing a portion of the Belmont-Ferry Farm Trail, from the Chatham Bridge to Ferry Farm. Also included in the project are planning and 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 but no funding is available for construction. Conceptual planning has begun for a trail on the Dominion Virginia Power electric line easement. This project was included in the Parks bond referendum approved by Stafford County voters on November 3, 2009.



OPERATING IMPACT SUMMARY

Operating expenses, to begin in FY16, include one time startup costs for trail maintenance equipment. Ongoing cost include 1 additional part-time position and expenses for field maintenance and utilities.

PROJECT COSTS

Cost Categories	Prior Year	FY11	FY12	FY13	FY14
Planning/Design	0	0	0	0	0
Property Acquisition	0	0	0	0	0
Construction	0	0	0	0	0
Equipment					0
Contingency					0
					\$0
					14
Current					0
Bonds					0
Fire Le					0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0

Funding for this project is beyond the planning period of the Adopted CIP. This project is one of those approved in the 2009 bond referendum and is included for information purposes only.

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service	0	0	0	0
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

BELMONT-FERRY FARM TRAIL PHASES 3 & 5

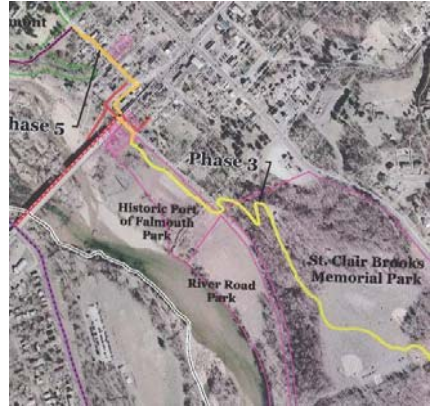
Total Project Cost: \$1,766,000

Est. Opening Date: FY12

Lead Agency : Parks, Recreation and Community Facilities

PROGRAM DESCRIPTION

The Belmont-Ferry Farm Trail provides bicycle/pedestrian access from historic Falmouth to Ferry Farm. Phase 3 is a 10' wide asphalt trail from the Historic Port of Falmouth Park (HPOF) through St Clair Brooks Park to include a retaining wall section from River Road to Brooks Park and connects to the existing trail along Butler Road. Phase 5 begins near Belmont and ties into Phase 3 in the HPOF. The trail will enhance economic development and tourism in this area, and provide recreational opportunities for residents and visitors. The Fredericksburg-Stafford Park Authority (FSPA) built Phases 1 & 2. The County is working on Phase 3 and Phase 5. Federal SAFETEA-LU grants have been awarded for both phases of the project to reimburse the County and have a remaining balance of \$1.2 million. Funds proposed to implement these two phases; \$1.1 million in SAFETU-LU grant funds and \$275K of Transportation funds for a total of \$1.4 million. However, funding of the full \$1.4 million will be needed from County funds initially to award the construction contract(s) with the grants reimbursing the County at 80% of the contract amount



OPERATING IMPACT SUMMARY

Post construction an additional part time staff person will be required in FY 2012 to maintain the trail.

PROJECT COSTS

Cost Categories	Prior Year	FY11	FY12	FY13	FY14
Planning/Design	390,000	14,000	0	0	0
Property Acquisition	0	0	0	0	0
Construction	0	1,238,000	0	0	0
Equipment	0	0	0	0	0
Contingency	0	124,000	0	0	0
Total	\$390,000	\$1,376,000	\$0	\$0	\$0

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	78,000	460,000	0	0	0
Bonds	0	0	0	0	0
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	312,000	916,000	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$390,000	\$1,376,000	\$0	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	28,000	29,000	31,000
Operating	0	22,000	22,000	22,000
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	\$50,000	\$51,000	\$53,000

2001 PARK BOND INTEREST PROJECTS

Total Project Cost: \$1,172,000

Est. Opening Date: FY12

Lead Agency: Parks, Recreation and
Community Facilities

PROGRAM DESCRIPTION

The improvements funded by this project will provide much needed renovations to athletic fields, playgrounds, trails, and courts in various parks. It will also fund improve 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 as priorities 1-12 on the priority list provided to the Board on October 6, 2009.



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 maintenance of the new trails at Willowmere. Some operating and maintenance savings may be realized at other sites as a result of upgrading the facilities.

PROJECT COSTS

Cost Categories	Prior Year	FY11	FY12	FY13	FY14
Planning/Design	78,000	0	0	0	0
Property Acquisition	0	0	0	0	0
Construction	393,000	601,000	0	0	0
Equipment	0	0	0	0	0
Contingency (10%)	47,000	53,000	0	0	0
Total	\$518,000	\$654,000	\$0	\$0	\$0

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	72,000	0	0	0
Other	518,000	582,000	0	0	0
Total	\$518,000	\$654,000	\$0	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	2,000	2,000	2,000
Debt Service	0	0	0	0
Revenue/Savings	0	0	0	0
Total	\$0	\$2,000	\$2,000	\$2,000

PARKS & RECREATION BOND INTEREST PROPOSED PROJECT LIST

9/30/2009

Project Number	Prioritization Criteria						Priority	Park Site	Project Description	Cost per Facility	Units	No. of Facilities	Total Cost	Cumulative Total
	Safety	Legal/ADA	Preserve Asset	Capacity Increase	Customer Service	Total Points								
1		4	3	2	1	10	1	Carl Lewis	Expansion & paving of parking lot, ballfield regrading, drainage improvements	\$310,000	EA	1	\$310,000	\$310,000
2	4		3	2	1	10	2	Willowmere	Repair & expansion of trails	\$25	LF	4,000	\$100,000	\$410,000
3	4	4			1	9	3	Duff Green	Retrofit playground for ADA and provide lights	\$26,000	EA	1	\$26,000	\$436,000
4	4		3		1	8	4	Woodlands	Storage building for bubble Woodlands Pool	\$50,000	EA	1	\$50,000	\$486,000
5	4			2	1	7	5	Numerous Parks	Renovate existing athletic fields	\$100,000	LS	1	\$100,000	\$586,000
6	4			2		6	6	Curtis	Addition to Curtis shop	\$20,000	EA	1	\$20,000	\$606,000
7		4			1	5	7	Rowser	ADA bridge/trail to baseball field	\$35,000	EA	1	\$35,000	\$641,000
8	4				1	5	8	Brooks	Replace 90' baseball field backstop and fence	\$50,000	EA	1	\$50,000	\$691,000
9		4			1	5	9	CCC	ADA restrooms CCC	\$35,000	EA	1	\$35,000	\$726,000
10		4			1	5	10	Numerous Parks	ADA accessibility upgrades	\$150,000	LS	1	\$150,000	\$876,000
11	4				1	5	11	Pratt	Pratt tennis court repair	\$175,000	EA	1	\$175,000	\$1,051,000
12	4				1	5	12	Pratt	Basketball court repair	\$28,000	EA	1	\$28,000	\$1,079,000
13	4				1	5	13	Smith Lake	Ballfield foul ball netting	\$50,000	EA	1	\$50,000	\$1,129,000
14		4			1	5	14	Curtis	Create restroom facilities at shelter #7	\$400,000	EA	1	\$400,000	\$1,529,000
15	4				1	5	15	Curtis	Side walk and stormwater runoff at Curtis office	\$25,000	EA	1	\$25,000	\$1,554,000
16	4				1	5	16	Numerous Parks	Bleachers at athletic fields	\$6,000	EA	10	\$60,000	\$1,614,000
17		4			1	5	17	Willowmere	Expand parking lot near soccer fields	\$6,000	EA	100	\$600,000	\$2,214,000
18		4			1	5	18	Woodlands	Additional level added to include a classroom, office, storage, and ADA compliant components	\$500,000	EA	1	\$500,000	\$2,714,000
19	4					4	19	Smith Lake	Level foul area behind home plate Baseball Fld #1	\$15,000	EA	1	\$15,000	\$2,729,000
20			3		1	4	20	Curtis	Renovate shelter 4&6 restrooms Curtis Park	\$25,000	EA	1	\$25,000	\$2,754,000
21			3		1	4	21	Curtis	Tennis court repair	\$25,000	EA	1	\$25,000	\$2,779,000
22			3		1	4	22	Rowser	Renovate/regrade baseball field and irrigate	\$150,000	EA	1	\$150,000	\$2,929,000
23			3		1	4	23	Brooks	Irrigate ball fields & replace UG water lines	\$20,000	EA	1	\$20,000	\$2,949,000
24			3			3	24	Woodlands	Woodlands Pool roof	\$30,000	EA	1	\$30,000	\$2,979,000
25			3			3	25	Brooks	Shelton's Cottage new roof	\$20,000	EA	1	\$20,000	\$2,999,000
26			3			3	26	Patawomeck	Security measures	\$65,000	EA	1	\$65,000	\$3,064,000
27			3			3	27	Duff Green	Resurface parking lots	\$175,000	EA	1	\$175,000	\$3,239,000
28			3			3	28	Smith Lake	Resurface parking lots	\$200,000	EA	1	\$200,000	\$3,439,000
29			3			3	29	Willowmere	Resurface parking lots	\$125,000	EA	1	\$125,000	\$3,564,000
30				2	1	3	30	Duff Green	Expansion of parking lot	\$5,000	EA	100	\$500,000	\$4,064,000
31				2	1	3	31	Duff Green	Expansion of trails & overlook	\$25	LF	4,000	\$100,000	\$4,164,000
32				2	1	3	32	Curtis	Remove baby pool and install Splash pad	\$200,000	EA	1	\$200,000	\$4,364,000
33				2	1	3	33	Smith Lake	Expand existing parking lot	\$5,000	EA	100	\$500,000	\$4,864,000
34					1	1	34	Not Identified	Dog Parks	\$15,000	EA	3	\$45,000	\$4,909,000
35					1	1	35	Numerous Parks	Internal park wayfinding signage	\$50,000	EA	1	\$50,000	\$4,959,000
36					1	1	36	Willowmere	Permanent restroom at soccer fields	\$400,000	LS	1	\$400,000	\$5,359,000
37					1	1	37	Carl Lewis	Playground	\$50,000	EA	1	\$50,000	\$5,409,000
38					1	1	38	Woodlands	Expand existing parking lot	\$5,000	EA	20	\$100,000	\$5,509,000
39					1	1	39	Not Identified	Add splash pads in a community park	\$200,000	EA	1	\$200,000	\$5,709,000
40						0	40	Duff Green	Master Planning	\$70,000	EA	1	\$70,000	\$5,779,000
41						0	41	Musselman	Master Planning	\$50,000	EA	1	\$50,000	\$5,829,000
42						0	42	Brooks	Master Planning	\$50,000	EA	1	\$50,000	\$5,879,000

CUMULATIVE TOTAL COST \$5,879,000

PARKS, RECREATION AND COMMUNITY FACILITIES (Governmental)

Total Project Cost: \$816,000

Est. Opening Date: ongoing

Lead Agency: Parks, Recreation and
Community Facilities

PROGRAM DESCRIPTION

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



OPERATING IMPACT SUMMARY

There are no operating costs associated with these projects

PROJECT COSTS

Cost Categories	Prior Year	FY11	FY12	FY13	FY14
A/C Replacement, Repair	0	241,000	0	85,000	141,000
Parking Lot Repairs	0	0	0	72,000	0
Energy Management	0	64,000	64,000	54,000	0
Roof Replacement	0	41,000	0	0	0
Misc Repairs	0	0	0	54,000	0
Total	\$0	\$346,000	\$64,000	\$265,000	\$141,000

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	346,000	64,000	265,000	141,000
Bonds	0	0	0	0	0
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$346,000	\$64,000	\$265,000	\$141,000

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service	0	0	0	0
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

**PARKS, RECREATION AND COMMUNITY FACILITIES
(Governmental)**

FY2011 Projects

Administration Building - AC Replacement AHU-1	85,000
Administration Building - AC Replacement AHU-2	141,000
Fire & Rescue - Energy Management - Ground Floor	64,000
Health Department - Roof Replacement	41,000
Health Department - AC Replacement	15,000
FY2011 Total	<u>\$346,000</u>

FY2012 Projects

Fire & Rescue Station 2 - Energy Management	64,000
FY2012 Total	<u>\$64,000</u>

FY2013 Projects

Administration Building - Repair Built-In Gutters	54,000
Administration Building - AC Chiller Unit Replacement	85,000
Porter Library - Energy Management System	54,000
Porter Library - Parking Lot Repairs	72,000
FY2013 Total	<u>\$265,000</u>

FY2014 Projects

Administration Building - AC Replacement AHU-3	141,000
FY2014 Total	<u>\$141,000</u>

Total FY2011 thru FY2016	<u><u>\$816,000</u></u>
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PARKS, RECREATION AND COMMUNITY FACILITIES (Parks)

Total Project Cost: \$1,242,000

Est. Opening Date: Ongoing

Lead Agency: Parks, Recreation and
Community Facilities

PROGRAM DESCRIPTION

Woodlands Pool roof; Curtis Park tennis court repair; Shelton's cottage new roof; deep tine aerator; Smith Lake foul ball netting; Smith Lake #1 level area behind home plate; bleachers at numerous parks; addition to Curtis shop; sidewalk and stormwater ru



OPERATING IMPACT SUMMARY

The increase is mainly attributed to the water cost for irrigating Brooks Park 3 fields. Otherwise minimal increases in operating cost is expected as a result of new netting at Smith Lake and the wayfinding signs. Some operating and maintenance savings

PROJECT COSTS

Cost Categories	Prior Year	FY11	FY12	FY13	FY14
Roof Repair	0	49,000	0	0	0
Tennis Court Repair	0	25,000	0	0	0
Additions/Renovations	0	115,000	95,000	480,000	0
Equipment	0	32,000	50,000	0	0
Signs for Parks	0	0	0	0	0
Parking Lots	0	15,000	0	6,000	0
ADA Accessibility	0	0	0	0	375,000
Total	\$0	\$236,000	\$145,000	\$486,000	\$375,000

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	236,000	145,000	486,000	375,000
Bonds	0	0	0	0	0
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$236,000	\$145,000	\$486,000	\$375,000

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	30,061	30,963
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$30,061	\$30,963

**PARKS, RECREATION AND COMMUNITY FACILITIES
(Parks)**

FY2011 Projects

Woodlands Pool roof	29,000
Deep tine aerator	26,000
Shelton's Cottage new roof	20,000
Bleachers at athletic fields	6,000
Expansion of parking lot at Duff McDuff Green	5,000
Expand existing parking lot at Smith Lake	5,000
Dog parks	15,000
Expand existing parking lot at Woodlands Pool	5,000
Master planning of Musselman Park	50,000
Master planning of St. Clair-Brooks Park	50,000
Curtis tennis court repair	25,000
FY2011 Total	236,000

FY2012 Projects

Smith Lake foul ball netting	50,000
Smith Lake Level foul area behind #1 home plate	15,000
Bleachers at numerous fields	60,000
Addition to Curtis shop	20,000
FY2012 Total	145,000

FY2013 Projects

Sidewalk and stormwater runoff at Curtis office	25,000
Renovate shelter 4&6 restrooms Curtis Park	25,000
Expand parking lot near soccer fields at Willowmere Park	6,000
Irrigate ball fields & replace UG water lines at St. Clair-Brooks Park	20,000
Remove baby pool and install splash pad at Curtis Park Pool	200,000
Playground at Carl Lewis park	50,000
Master planning at Duff McDuff Green park	70,000
Brooks replace water lines and irrigate 3 fields	90,000
FY2013 Total	486,000

FY2014 Projects

ADA accessibility to remote fields	375,000
FY2014 Total	375,000

Total FY2011 thru FY2014 **1,242,000**

PUBLIC WORKS SUMMARY

Projects	FY2010 and Prior Funding	FY2011	FY2012	FY2013	FY2014	Later Years Funding	Total Project Cost
Community Development Service Center	0	0	500,000	0	0	0	500,000
Courthouse Addition	0	0	0	21,700,000	0	0	21,700,000
Courthouse Streetscape - Phase 1	587,000	617,000	0	0	0	0	1,204,000
Courthouse Streetscape - Phase 2	0	0	840,000	840,000	350,000	0	2,030,000
Government Center/Judicial Space	0	3,300,000	0	0	0	0	3,300,000
Total	\$587,000	\$3,917,000	\$1,340,000	\$22,540,000	\$350,000	\$0	\$28,734,000

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	250,000	347,000	368,000
Operating	0	20,000	114,000	100,000
Debt Service	0	0	0	1,741,264
Revenue/Savings	0	0	0	0
Total	\$0	\$270,000	\$461,000	\$2,209,264

COMMUNITY DEVELOPMENT SERVICE CENTER

Total Project Cost: \$500,000

Est. Opening Date: FY12

Lead Agency: Public Works

PROGRAM DESCRIPTION

Construction of the Community Development Service Center (Permits Center). The project involves the modification of office space on the first floor of the County Administration to create a Permits Center. Presently customers may be required to visit as many as eight different locations (Planning & Zoning, Public Works, Developer Securities, Environmental Health, Fire & Rescue, Treasurer, Utilities and Sheriff) to accomplish their plan review, licensing and/or permit missions. These locations are scattered throughout the County government complex and offsite locations. The Permit Center would establish a central one stop location for customers seeking community development and permitting services.



OPERATING IMPACT SUMMARY

The operating costs will begin in FY12 and include: Three additional employees; one Community Development Service Center Manager and two Permit Coordinators. One half of the costs for the Permit Coordinators are included in FY12; a full year's cost is included for subsequent years.

PROJECT COSTS

Cost Categories	Prior Year	FY11	FY12	FY13	FY14
Planning/Design	0	0	50,000	0	0
Property Acquisition	0	0	0	0	0
Construction	0	0	450,000	0	0
Equipment	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$500,000	\$0	\$0

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	500,000	0	0
Bonds	0	0	0	0	0
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$500,000	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	250,000	347,000	368,000
Operating	0	20,000	14,000	14,000
Debt Service	0	0	0	0
Revenue/Savings	0	0	0	0
Total	\$0	\$270,000	\$361,000	\$382,000

COURTHOUSE ADDITION

Total Project Cost: \$21,700,000

Est. Opening Date: FY15

Lead Agency: Public Works

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 additional parking and prisoner transfer accommodations. This plan combines several projects in the current CIP: new site J&DR Courthouse, renovation of first floor of existing Courthouse, roof, parking lot and air conditioning repairs. Estimated costs for this project are \$14.3 million less than the sum of the projects.



OPERATING IMPACT SUMMARY

Operating costs will begin in FY15 and assumes three additional courtrooms will be in operation. Start up costs include expenses for computers, phones, metal detector and 15 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	FY11	FY12	FY13	FY14
Planning/Design	0	0	0	0	0
Property Acquisition	0	0	0	0	0
Construction	0	0	0	21,700,000	0
Equipment	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$0	\$21,700,000	\$0

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	21,700,000	0
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$0	\$21,700,000	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service	0	0	0	1,741,264
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$1,741,264

COURTHOUSE STREETScape - PHASE 1

Total Project Cost: \$1,204,000

Est. Opening Date: FY11 (Phase 1)

Lead Agency: Public Works
Redevelopment

PROGRAM DESCRIPTION

The project is part of the revitalization of the Courthouse area. It supports the goals of the redevelopment areas and will provide key linkages to sidewalks in the Courthouse area. The project would 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. The project area is from Hope Road to the Stafford Hospital site along US-1 and radiating east to the school and west to I-95 along Courthouse Road.



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	FY11	FY12	FY13	FY14
Planning/Design	223,000	0	0	0	0
Property Acquisition	0	37,000	0	0	0
Construction	290,000	498,000	0	0	0
Personnel (Matching Funds)	54,000	54,000	0	0	0
VDOT Oversight	20,000	28,000	0	0	0
Total	\$587,000	\$617,000	\$0	\$0	\$0

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Fire Levy	0	0	0	0	0
Fuel Tax	93,000	0	0	0	0
State/Federal	440,000	563,000	0	0	0
Proffers	0	0	0	0	0
Matching Funds	54,000	54,000	0	0	0
Total	\$587,000	\$617,000	\$0	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service	0	0	0	0
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

COURTHOUSE STREETScape - PHASE 2

Public Works
Redevelopment

Total Project Cost: \$2,030,000

Est. Opening Date: FY14 (Phase 2)

Lead Agency: Redevelopment

PROGRAM DESCRIPTION

The project is part of the revitalization of the Courthouse area. It supports the goals of the redevelopment areas and will provide key linkages to sidewalks in the Courthouse area. This is Phase 2 of a project to 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. The project area is from Hope Road to the Stafford Hospital site along US-1 and radiating east to the school and west to I-95 along Courthouse Road.



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	FY11	FY12	FY13	FY14
Planning/Design	0	0	51,000	0	0
Property Acquisition	0	0	0	55,000	0
Construction	0	0	624,000	620,000	261,000
Personnel (Matching Funds)	0	0	140,000	140,000	58,000
VDOT Oversight	0	0	25,000	25,000	31,000
Total	\$0	\$0	\$840,000	\$840,000	\$350,000

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
State/Federal	0	0	700,000	700,000	292,000
Proffers	0	0	0	0	0
Matching Funds	0	0	140,000	140,000	58,000
Total	\$0	\$0	\$840,000	\$840,000	\$350,000

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service	0	0	0	0
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

GOVERNMENT CENTER/JUDICIAL SPACE

Total Project Cost: \$3,300,000

Est. Opening Date: FY13

Lead Agency: Public Works

PROGRAM DESCRIPTION

The project involves renovation of the Courthouse Rescue Squad Building to house the Commonwealth's Attorney Offices. The project includes interior renovation and an elevator addition.



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 bench). Annual operating costs include building and sites, trash disposal, cleaning service, repair & maintenance (outside), maintenance service contracts, utilities, janitorial supplies, and repair & maintenance supplies.

PROJECT COSTS

Cost Categories	Prior Year	FY11	FY12	FY13	FY14
Planning/Design	0	100,000	0	0	0
Property Acquisition	0	0	0	0	0
Construction	0	3,200,000	0	0	0
Equipment	0	0	0	0	0
Other		0	0	0	0
Total	\$0	\$3,300,000	\$0	\$0	\$0

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	3,300,000	0	0	0
Bonds	0	0	0	0	0
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$3,300,000	\$0	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	100,000	86,000
Debt Service	0	0	0	0
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$100,000	\$86,000

Schools

Summary of Projects

Projects	FY2010 and Prior Funding	FY2011	FY2012	FY2013	FY2014	Later Years Funding	Total Project Cost
New Renovation/Additions							
Falmouth Elementary Renovation	701,000	3,622,000	3,622,000	0	0	0	7,945,000
Grafton Elementary Renovation	25,000	725,800	3,795,725	3,795,725	0	0	8,342,250
Ferry Farm Renovation	0	0	788,343	3,985,510	3,985,510	0	8,759,363
Stafford Elementary Renovation	0	0	0	827,760	4,184,786	4,184,786	9,197,331
Moncure Elementary Renovation	0	0	0	0	869,148	8,788,049	9,657,197
Support Facilities New/Renovation							
Warehouse/Administration Addition - Central Support	186,000	0	0	4,717,000	0	0	4,903,000
Capital Maintenance (Infrastructure)							
School Site Improvements	0	4,145,000	6,920,000	4,135,000	5,924,000	0	21,124,000
Environmental Equipment Upgrades	0	771,000	3,505,000	2,978,000	2,300,000	0	9,554,000
Roof Repair or Replacement	0	0	3,720,000	1,350,000	700,000	0	5,770,000
Total	912,000	9,263,800	22,351,068	21,788,995	17,963,444	12,972,835	85,252,141

Funding Summary	FY2011/2012	FY2012/2013	FY2013/2014	FY2014/2015	Total
Bond	\$8,257,800	\$21,321,068	\$20,613,995	\$17,139,444	\$67,332,306
Current Revenue	1,006,000	1,030,000	1,175,000	824,000	4,035,000
Total	9,263,800	22,351,068	21,788,995	17,963,444	71,367,306

Operating Impacts Summary	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Capital	0	0	0	0
Debt Service	0	691,007	2,475,140	4,200,105
Revenue/Savings	0	0	0	(80,000)
Total	0	691,007	2,475,140	4,120,105

Falmouth Elementary School Renovation - 2012

Total Project Cost: \$7,945,000

Lead Agency : Schools

PROGRAM DESCRIPTION

A Level 4 Renovation of FES will include an upgrade to all life safety deficiencies, update to building codes to include sprinkler system, upgrade to HVAC and electrical systems, site improvements, architectural upgrades, (finishes, doors, hardware, windows, roof), kitchen upgrades, new media center, ADA upgrades, plumbing upgrades, fire alarm upgrades, data system upgrades, PA system upgrades, Main Entrance Security, lighting upgrades, roofs, and major space changes/additions.



OPERATING IMPACT SUMMARY

PROJECT COSTS

Cost Categories	Prior Year	FY11	FY12	FY13	FY14
Planning/Design	701,000	0	0	0	0
Property Acquisition	0	0	0	0	0
Construction	0	3,622,000	3,622,000	0	0
Project Contingency	0	0	0	0	0
Other	0	0	0	0	0
Total	\$701,000	\$3,622,000	\$3,622,000	\$0	\$0

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	701,000	3,622,000	3,622,000	0	0
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$701,000	\$3,622,000	\$3,622,000	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Capital	0	0	0	0
Debt Service	0	303,087	606,173	606,173
Revenue/Savings	0	0	0	(80,000)
Total	\$0	\$303,087	\$606,173	\$526,173

Grafton Elementary School Renovation - 2013

Total Project Cost: \$8,342,250

Lead Agency : Schools

PROGRAM DESCRIPTION

A Level 4 Renovation of GVES will include an upgrade to all life safety deficiencies, update to building codes to include sprinkler system, upgrade to HVAC and electrical systems, site improvements, architectural upgrades, (finishes, doors, hardware, windows, roof), kitchen upgrades, new media center, ADA upgrades, plumbing upgrades, fire alarm upgrades, data system upgrades, PA system upgrades, Main Entrance Security, lighting upgrades, roofs, and major space changes/additions.



OPERATING IMPACT SUMMARY

PROJECT COSTS

Cost Categories	Prior Year	FY11	FY12	FY13	FY14
Planning/Design	25,000	725,800	0	0	0
Property Acquisition	0	0	0	0	0
Construction	0	0	3,795,725	3,795,725	0
Project Contingency	0	0	0	0	0
Other	0	0	0	0	0
Total	\$25,000	\$725,800	\$3,795,725	\$3,795,725	\$0

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	25,000	0	0	0	0
Bonds	0	725,800	3,795,725	3,795,725	0
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$25,000	\$725,800	\$3,795,725	\$3,795,725	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Capital	0	0	0	0
Debt Service	0	60,734	378,358	695,982
Revenue	0	0	0	0
Total	\$0	\$60,734	\$378,358	\$695,982

Ferry Farms Elementary School Renovation - 2014

Total Project Cost: \$8,759,363

Lead Agency : Schools

PROGRAM DESCRIPTION

A Level 4 Renovation of FFES will include an upgrade to all life safety deficiencies, update to building codes to include sprinkler system, upgrade to HVAC and electrical systems, site improvements, architectural upgrades, (finishes, doors, hardware, windows, roof), kitchen upgrades, new media center, ADA upgrades, plumbing upgrades, fire alarm upgrades, data system upgrades, PA system upgrades, Main Entrance Security, lighting upgrades, roofs, and major space changes/additions.



OPERATING IMPACT SUMMARY

PROJECT COSTS

Cost Categories	Prior Year	FY11	FY12	FY13	FY14
Planning/Design	0	0	788,343	0	0
Property Acquisition	0	0	0	0	0
Construction	0	0	0	3,985,510	3,985,510
Project Contingency	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$788,343	\$3,985,510	\$3,985,510

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	788,343	3,985,510	3,985,510
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$788,343	\$3,985,510	\$3,985,510

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Capital	0	0	0	0
Debt Service	0	0	65,968	399,473
Revenue	0	0	0	0
Total	\$0	\$0	\$65,968	\$399,473

Stafford Elementary Renovations - 2015

Total Project Cost: \$9,197,331

Lead Agency : Schools

PROGRAM DESCRIPTION

A Level 4 Renovation of SES will include an upgrade to all life safety deficiencies, update to building codes to include sprinkler system, upgrade to HVAC and electrical systems, site improvements, architectural upgrades, (finishes, doors, hardware, windows, roof), kitchen upgrades, new media center, ADA upgrades, plumbing upgrades, fire alarm upgrades, data system upgrades, PA system upgrades, Main Entrance Security, lighting upgrades, roofs, and major space changes/additions.



OPERATING IMPACT SUMMARY

PROJECT COSTS

Cost Categories	Prior Year	FY11	FY12	FY13	FY14
Planning/Design	0	0	0	827,760	0
Property Acquisition	0	0	0	0	0
Construction	0	0	0	0	4,184,786
Project Contingency	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$0	\$827,760	\$4,184,786

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	827,760	4,184,786
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$0	\$827,760	\$4,184,786

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Capital	0	0	0	0
Debt Service	0	0	0	69,266
Revenue	0	0	0	0
Total	\$0	\$0	\$0	\$69,266

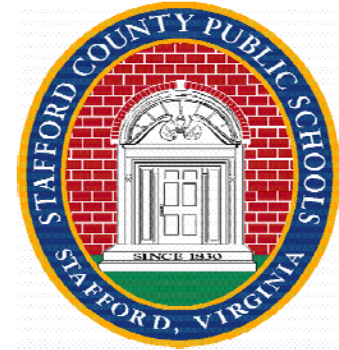
Moncure Elementary Renovations - 2016

Total Project Cost: \$9,657,197

Lead Agency : Schools

PROGRAM DESCRIPTION

A Level 4 Renovation of MES will include an upgrade to all life safety deficiencies, update to building codes to include sprinkler system, upgrade to HVAC and electrical systems, site improvements, architectural upgrades, (finishes, doors, hardware, windows, roof), kitchen upgrades, new media center, ADA upgrades, plumbing upgrades, fire alarm upgrades, data system upgrades, PA system upgrades, Main Entrance Security, lighting upgrades, roofs, and major space changes/additions.



OPERATING IMPACT SUMMARY

PROJECT COSTS

Cost Categories	Prior Year	FY11	FY12	FY13	FY14
Planning/Design	0	0	0	0	869,148
Property Acquisition	0	0	0	0	0
Construction	0	0	0	0	0
Project Contingency	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$869,148

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	869,148
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$869,148

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Capital	0	0	0	0
Debt Service	0	0	0	0
Revenue	0	0	0	0
Total	\$0	\$0	\$0	\$0

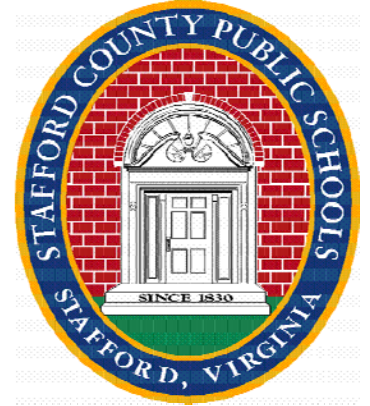
Warehouse/Admin Addition - Central Support - 2013

Total Project Cost: \$4,903,000

Lead Agency : Schools

PROGRAM DESCRIPTION

Project constructs a new 18,300SF warehouse/administrative addition to the SCPS Support Services Complex. Addition will include a pre-engineered steel building addition to match existing facility and a 6 vehicle/equipment addition to equipment storage. Approximately 13,000SF will be warehouse and 5300 SF will be administrative space.



OPERATING IMPACT SUMMARY

PROJECT COSTS

Cost Categories	Prior Year	FY11	FY12	FY13	FY14
Planning/Design	186,000	0	0	0	0
Property Acquisition	0	0	0	0	0
Construction	0	0	0	4,717,000	0
Project Contingency	0	0	0	0	0
Other	0	0	0	0	0
Total	\$186,000	\$0	\$0	\$4,717,000	\$0

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	186,000	0	0	4,717,000	0
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$186,000	\$0	\$0	\$4,717,000	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Capital	0	0	0	0
Debt Service	0	0	0	394,715
Revenue	0	0	0	0
Total	\$0	\$0	\$0	\$394,715

School Site Improvements - 2011 - 2014

Total Project Cost: \$21,124,000

Lead Agency : Schools

PROGRAM DESCRIPTION

Improvements to various schools, facilities and grounds to correct deficiencies in safety, security, maintenance and repair. Project designs are done the same year the projects construction is to be started unless it is specifically noted.

OPERATING IMPACT SUMMARY



PROJECT COSTS

Cost Categories	Prior Year	FY11	FY12	FY13	FY14
Planning/Design	0	0	0	0	0
Property Acquisition	0	0	0	0	0
Construction	0	4,145,000	6,920,000	4,135,000	5,924,000
Project Contingency	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$4,145,000	\$6,920,000	\$4,135,000	\$5,924,000

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	690,000	920,000	785,000	824,000
Bonds	0	3,455,000	6,000,000	3,350,000	5,100,000
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$4,145,000	\$6,920,000	\$4,135,000	\$5,924,000

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Capital	0	0	0	0
Debt Service	0	289,112	791,188	1,071,514
Revenue	0	0	0	0
Total	\$0	\$289,112	\$791,188	\$1,071,514

Environmental Upgrades - 2011 - 2014

Total Project Cost: \$9,554,000

Lead Agency : Schools

PROGRAM DESCRIPTION

Environmental (Heating, ventilation, air conditioning) equipment requiring repair, upgrade, and/or replacement to federal, state and local regulations are outlined in the attached sheet. Project designs will be initiated during the year the construction is required to start unless noted for the specific project. Stafford County Public Schools are required by federal state and local regulations and building codes to provide and maintain environmental equipment that results in a safe and healthy learning and working environment in all of our facilities. SCPS maintains and operates in excess of 3.77M SF of conditioned facility space.



OPERATING IMPACT SUMMARY

PROJECT COSTS

Cost Categories	Prior Year	FY11	FY12	FY13	FY14
Planning/Design	0	0	0	0	0
Property Acquisition	0	0	0	0	0
Construction	0	771,000	3,505,000	2,978,000	2,300,000
Project Contingency	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$771,000	\$3,505,000	\$2,978,000	\$2,300,000

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	316,000	110,000	390,000	0
Bonds	0	455,000	3,395,000	2,588,000	2,300,000
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$771,000	\$3,505,000	\$2,978,000	\$2,300,000

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Capital	0	0	0	0
Debt Service	0	38,074	322,165	538,728
Revenue	0	0	0	0
Total	\$0	\$38,074	\$322,165	\$538,728

Roof Repairs - 2011 - 2014

Total Project Cost: \$5,770,000

Lead Agency : Schools

PROGRAM DESCRIPTION

To correct deficiencies and to maintain adequate facilities at existing schools. Several roofs are at, or near, the life expectancy for their original design. The school division is extending the life of all roof systems unless faced with severe roof failure issues.



OPERATING IMPACT SUMMARY

PROJECT COSTS

Cost Categories	Prior Year	FY11	FY12	FY13	FY14
Planning/Design	0	0	0	0	0
Property Acquisition	0	0	0	0	0
Construction	0	0	3,720,000	1,350,000	700,000
Project Contingency	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$3,720,000	\$1,350,000	\$700,000

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	3,720,000	1,350,000	700,000
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$3,720,000	\$1,350,000	\$700,000

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Capital	0	0	0	0
Debt Service	0	0	311,287	424,254
Revenue	0	0	0	0
Total	\$0	\$0	\$311,287	\$424,254

Capital Maintenance (Infrastructure)

FY2011 Projects	Project Amount
Repair Athletic Fields, & Out Buildings - NSHS	\$950,000
Repair Building Envelopes - NSHS	\$850,000
Replace Walk-in Freezers & Refrigerators - NSHS & SHS	\$100,000
Repair Lock Systems (Phase III): HHPMS, RTMS, GMS, MVHS, SHS, CFHS, NSHS & SMS	\$550,000
Replace Gym Floor - SHS	\$255,000
Upgrade Security Main Entrances (Phase IV) - BPHS & NSHS	\$750,000
Replace Hot Water Boiler - SMS	\$155,000
Replace Chillers - RES (1), PRES (2)	\$300,000
	Total Bond \$3,910,000
Current Revenue	
Repair Exterior (Paint) - GMS & CFHS	\$250,000
Replace Telephone, Media Retrieval & PA Systems - BPHS, WES & WCES	\$440,000
Replace Heat Pump Units - DMS (15)	\$140,000
Replace Roof Top/Condensing/Heat Pump Units - HOES	\$156,000
Replace Hot Water Heaters - DMS	\$10,000
Replace Roof Top/Condensing/Heat Pump Units - WES	\$10,000
	Total Current Revenue \$1,006,000
	FY2011 Total \$4,916,000
FY2012 Projects	
Repair Pavement - SMS & HHPMS	\$900,000
Repair Athletic Fields - SHS, DMS	\$950,000
Replace Generators - BPHS, HOES, SMS, PRES, RES & WES	\$1,900,000
Repair Refuse Enclosures (Phase I) - WCES, KWBE, MBES, HOES, HES, PRES	\$300,000
Repair Lock Systems (Phase IV) - DMS, AGWMS, Eight ES	\$200,000
Construct School Forum/Auditorium - DSMS	\$750,000
Upgrade Security Entrances (Phase V) - MVHS & CFHS	\$1,000,000
Replace AHU - AGWMS(14), NSHS (30)	\$2,570,000
Install Kitchen RTUs - NSHS, PRES & WCES	\$825,000
Replace Roof - NSHS (A, B, C, D, E & Outbuildings) & SHS (FB Stadium)	\$3,720,000
	Total Bond \$13,115,000
Current Revenue	
Construct/Replace Storage Sheds - CFHS, HES	\$255,000
Repair Exterior (Paint) - SHS, RRES, GMC & SMS	\$300,000
Install Messaging Marquees - DMS (Electronic), RTMS (Manual) & AGWMS/GES/RES (Manual)	\$150,000
Replace Telephone, Media Retrieval & PA Systems- HES	\$150,000
Repair Playground and Play Areas - RES	\$65,000
Replace Hot Water Heater - WES (2), RES, HOES, & WCES	\$90,000
Replace Package Units - Fleet (3)	\$20,000
	Total Current Revenue \$1,030,000
	FY2012 Total \$14,145,000

Capital Maintenance (Infrastructure)

FY2013 Projects

Repair Pavement - RTMS	\$600,000
Repair Building Envelope - HHPMS, SMS & AGWMS	\$500,000
Install Water Line (Phase I) - HES	\$1,600,000
Repair Refuse Enclosures (Phase II) - RES, RRES WES, GES/AGWMS, GMS, RTMS, HHPMS & SMS	\$450,000
Repair Lock Systems (Phase V) - Seven (7) ES	\$200,000
Replace Boilers - BPHS (2)	\$800,000
Replace Heat Pumps - RTMS (128)	\$768,000
Replace AHUs - PRES (5), RES (4), WES (5)	\$645,000
Replace MSI units - GMC (44)	\$375,000
Replace Roof - HHPMS (Area B & Out Buildings) AGWMS (C & D)/GES (AREA B), Gary Melcher (Area A) & HOES (A, B, D, & Outbuildings)	\$1,350,000
Total Bond	7,288,000

Current Revenue

Construct/Replace Storage Sheds - RES, HOES, WCES, RRES	\$275,000
Install Projectors (Phase I) - WCES	\$140,000
Repair Exterior (Paint) - RTMS, KWBES & FLEET	\$300,000
Repair Playground and Play Areas - WES	\$70,000
Replace Boiler - HOES; Add 2nd Boiler - HOES	\$390,000
Total Current Revenue	\$1,175,000

FY2013 Total \$8,463,000

FY2014 Projects

Repair Athletic Fields & Out Buildings - CFHS	\$800,000
Repair Pavement - RES, HOES & CFHS (seal all Paths)	\$1,200,000
Replace Football & Baseball Field Lighting - NSHS	\$1,500,000
Install Water Line (Phase II) - HES	\$1,600,000
Replace Condensing Units/Heat Pumps - WCES (10)	\$200,000
Replace AHUs - HOES (10) & BPHS (18)	\$1,200,000
Install Cafeteria RTUs - HOES, RRES & AGWMS	\$900,000
Replace Roof - BPHS (Area B), WCES (Area A, B & C)	\$700,000
Total Bond	\$8,100,000

Current Revenue

Construct/Replace Storage Sheds - GMS, KWBES, & AYBAC	\$294,000
Install Projectors (Phase II) - WES, PRES	\$300,000
Install Messaging Marquee - DSMS (Electronic) & MVHS (Electronic)	\$150,000
Repair Playground and Play Areas - GES	\$80,000
Total Current Revenue	\$824,000

FY2014 Total \$8,924,000

Total FY2011 Thru FY2014 \$36,448,000



TRANSPORTATION SUMMARY
(Projects were approved by voter referendum in November 08)

Bond Projects	FY2010 and Prior Funding	FY2011	FY2012	FY2013	FY2014	Later Years Funding	Total Project Cost
Route 1, Jefferson Davis Highway	0	0	700,000	600,000	0		1,300,000
Route 608, Brooke Road, south of Eskimo Hill Road	0	650,000	0	2,925,000	2,925,000	0	6,500,000
Route 608, Brooke Road, east of Raven Road	0	0	0	0	180,000	1,620,000	1,800,000
Route 616, Poplar Road, north of Kellogg Mill Road	0	1,155,000	945,000	0	0	0	2,100,000
Route 616, Poplar Road, south of Mountain View Road	0	0	90,000	405,000	405,000	0	900,000
Route 627, Mountain View Road north of Centreport Parkway	0	0	530,000	0	0	4,770,000	5,300,000
Route 627, Mountain View Road from Joshua Road to Rose Hill Farm Road	1,360,000	1,570,000	1,670,000	0	0	0	4,600,000
Route 627, Mountain View Road, and Route 651, Kellogg Mill Road, Intersection	0	0	130,000	0	585,000	585,000	1,300,000
Route 644, Rock Hill Church Road	0	0	0	0	90,000	810,000	900,000
Route 17, Warrenton Road	7,200,000	0	0	10,802,000	0	29,698,000	47,700,000
Route 610, Garrisonville Road	0	870,000	0	0	6,920,000	3,910,000	11,700,000
Route 606, Ferry Road	0	0	500,000	2,250,000	0	2,250,000	5,000,000
Route 630, Courthouse Road: Cedar Lane to Winding Creek Road	0	0	0	1,600,000	0	19,700,000	21,300,000
Route 630, Courthouse Road: Winding Creek Road to Shelton Shop Road	0	0	0	0	0	8,900,000	8,900,000
Route 637, Telegraph Road	0	0	630,000	0	2,835,000	2,835,000	6,300,000
Route 651, Kellogg Mill Road Relocation	0	0	0	0	180,000	1,620,000	1,800,000
Route 652, Truslow Road, East of I-95	0	0	0	0	700,000	6,300,000	7,000,000
Route 652, Truslow Road, West of I-95	0	0	0	0	310,000	2,790,000	3,100,000
Pedestrian Improvements	0	0	380,000	380,000	380,000	760,000	1,900,000
Poplar Road Phase I	290,000	1,510,000	0	0	0	0	1,800,000
Total	\$8,850,000	\$5,755,000	\$5,575,000	\$18,962,000	\$15,510,000	\$86,548,000	\$141,200,000

Funding Sources	FY2010 and Prior Funding	FY2011	FY2012	FY2013	FY2014	Later Years Funding	Total Project Cost
General Obligation Bonds	0	0	2,050,000	5,425,000	13,930,000	48,595,000	70,000,000
Cash (Fuel Tax, Service District)	750,000	3,950,000	1,670,000	1,100,000	1,060,000	5,260,000	13,790,000
Other Funding Source	8,100,000	1,805,000	1,855,000	12,437,000	520,000	32,693,000	57,410,000
Total	\$8,850,000	\$5,755,000	\$5,575,000	\$18,962,000	\$15,510,000	\$86,548,000	\$141,200,000

Operating Impacts	FY11	FY12	FY13	FY14
Debt Service	0	0	171,543	625,503
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$171,543	\$625,503

ROUTE 1, JEFFERSON DAVIS HIGHWAY

Total Project Cost: \$1,300,000

Est. Opening Date: FY13

Lead Agency: Public Works

PROGRAM DESCRIPTION

Construction of a left-turn lane from southbound Jefferson Davis Highway to Potomac Creek 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	FY11	FY12	FY13	FY14
Planning/Design	0	0	60,000	0	0
Property Acquisition	0	0	640,000	0	0
Construction	0	0	0	600,000	0
Equipment	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$700,000	\$600,000	\$0

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
VDOT Revenue Sharing	0	0	700,000	600,000	0
Total	\$0	\$0	\$700,000	\$600,000	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service	0	0	0	0
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

ROUTE 608, BROOKE ROAD, SOUTH OF ESKIMO HILL ROAD

Total Project Cost: \$6,500,000

Est. Opening Date: FY17

Lead Agency: Public Works

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	FY11	FY12	FY13	FY14
Planning/Design	0	650,000	0	0	0
Property Acquisition	0	0	0	2,925,000	0
Construction	0	0	0	0	2,925,000
Equipment	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$650,000	\$0	\$2,925,000	\$2,925,000

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	2,575,000	2,925,000
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
VDOT Revenue Sharing	0	650,000	0	350,000	0
Total	\$0	\$650,000	\$0	\$2,925,000	\$2,925,000

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service	0	0	0	215,474
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$215,474

ROUTE 608, BROOKE ROAD, EAST OF RAVEN ROAD

Total Project Cost: \$1,800,000

Est. Opening Date: FY17

Lead Agency: Public Works

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	FY11	FY12	FY13	FY14
Planning/Design	0	0	0	0	180,000
Property Acquisition	0	0	0	0	0
Construction	0	0	0	0	0
Equipment	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$180,000

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	180,000
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
VDOT Revenue Sharing	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$180,000

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service	0	0	0	0
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

ROUTE 616, POPLAR ROAD, NORTH OF KELLOGG MILL ROAD

Total Project Cost: \$2,100,000

Est. Opening Date: FY12

Lead Agency : Public Works

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	FY11	FY12	FY13	FY14
Planning/Design	0	210,000	0	0	0
Property Acquisition	0	945,000	0	0	0
Construction	0	0	945,000	0	0
Equipment	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$1,155,000	\$945,000	\$0	\$0

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	210,000	890,000	0	0
Bonds	0	0	0	0	0
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
VDOT Revenue Sharing	0	945,000	55,000	0	0
Total	\$0	\$1,155,000	\$945,000	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service	0	0	0	0
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

ROUTE 616, POPLAR ROAD, SOUTH OF MOUNTAIN VIEW ROAD

Total Project Cost: \$900,000

Est. Opening Date: FY14

Lead Agency: Public Works

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	FY11	FY12	FY13	FY14
Planning/Design	0	0	90,000	0	0
Property Acquisition	0	0	0	405,000	0
Construction	0	0	0	0	405,000
Equipment	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$90,000	\$405,000	\$405,000

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	50,000	220,000	230,000
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
VDOT Revenue Sharing	0	0	40,000	185,000	175,000
Total	\$0	\$0	\$90,000	\$405,000	\$405,000

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service	0	0	4,184	22,593
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$4,184	\$22,593

ROUTE 627, MOUNTAIN VIEW ROAD NORTH OF CENTREPORT PARKWAY

Total Project Cost: \$5,300,000

Est. Opening Date: FY16

Lead Agency: Public Works

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	FY11	FY12	FY13	FY14
Planning/Design	0	0	530,000	0	0
Property Acquisition	0	0	0	0	0
Construction	0	0	0	0	0
Equipment	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$530,000	\$0	\$0

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	360,000	0	0
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other - VDOT Revenue Sharing	0	0	170,000	0	0
Total	\$0	\$0	\$530,000	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Operating	0	0	0	0
Operating	0	0	0	0
Debt Service	0	0	30,125	30,125
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$30,125	\$30,125

ROUTE 627, MOUNTAIN VIEW ROAD FROM JOSHUA ROAD TO ROSE HILL FARM ROAD

Total Project Cost: \$4,600,000

Est. Opening Date: FY13

Lead Agency: Public Works

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	FY11	FY12	FY13	FY14
Planning/Design	460,000	0	0	0	0
Property Acquisition	0	1,570,000	0	0	0
Construction	0	0	1,670,000	0	0
Equipment	0	0	0	0	0
Other	900,000	0	0	0	0
Total	\$1,360,000	\$1,570,000	\$1,670,000	\$0	\$0

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	460,000	1,570,000	1,670,000	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
VDOT Revenue Sharing	900,000	0	0	0	0
Total	\$1,360,000	\$1,570,000	\$1,670,000	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service	0	0	0	0
Revenue/Savings	0	0	0	0
Total	\$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

Lead Agency: Public Works

PROGRAM DESCRIPTION

Improve the intersection of Mountain View Road and 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	FY11	FY12	FY13	FY14
Planning/Design	0	0	130,000	0	0
Property Acquisition	0	0	0	0	585,000
Construction	0	0	0	0	0
Equipment	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$130,000	\$0	\$585,000

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	130,000	0	285,000
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
VDOT Revenue Sharing	0	0	0	0	300,000
Total	\$0	\$0	\$130,000	\$0	\$585,000

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service	0	0	10,878	10,878
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$10,878	\$10,878

ROUTE 644, ROCK HILL CHURCH ROAD

Total Project Cost: \$900,000

Est. Opening Date: FY17

Lead Agency : Public Works

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	FY11	FY12	FY13	FY14
Planning/Design	0	0	0	0	90,000
Property Acquisition	0	0	0	0	0
Construction	0	0	0	0	0
Equipment	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$90,000

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	45,000
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
VDOT Revenue Sharing	0	0	0	0	45,000
Total	\$0	\$0	\$0	\$0	\$90,000

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service	0	0	0	0
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

ROUTE 17, WARRENTON ROAD

Total Project Cost: \$47,700,000

Est. Opening Date: FY15

Lead Agency: Public Works

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	FY11	FY12	FY13	FY14
Planning/Design	7,200,000	0	0	0	0
Property Acquisition	0	0	0	10,802,000	0
Construction	0	0	0	0	0
Equipment	0	0	0	0	0
Other	0	0	0	0	0
Total	\$7,200,000	\$0	\$0	\$10,802,000	\$0

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	7,200,000	0	0	10,802,000	0
Proffers	0	0	0	0	0
Other = Service District	0	0	0	0	0
Total	\$7,200,000	\$0	\$0	\$10,802,000	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service	0	0	0	0
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

ROUTE 610, GARRISONVILLE ROAD

Total Project Cost: \$11,700,000

Est. Opening Date: FY16

Lead Agency: Public Works

PROGRAM DESCRIPTION

Widen to 6-lanes Garrisonville Road 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	FY11	FY12	FY13	FY14
Planning/Design	0	870,000	0	0	0
Property Acquisition	0	0	0	0	6,920,000
Construction	0	0	0	0	0
Equipment	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$870,000	\$0	\$0	\$6,920,000

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	5,860,000
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other = Service District	0	870,000	0	0	1,060,000
Total	\$0	\$870,000	\$0	\$0	\$6,920,000

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service	0	0	0	0
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

ROUTE 606, FERRY ROAD

Total Project Cost: \$5,000,000

Est. Opening Date: FY15

Lead Agency: Public Works

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	FY11	FY12	FY13	FY14
Planning/Design	0	0	500,000	2,250,000	0
Property Acquisition	0	0	0	0	0
Construction	0	0	0	0	0
Equipment	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$500,000	\$2,250,000	\$0

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	500,000	2,250,000	0
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$500,000	\$2,250,000	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service	0	0	41,840	230,118
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$41,840	\$230,118

ROUTE 630, COURTHOUSE ROAD: CEDAR LANE TO WINDING CREEK ROAD

Total Project Cost: \$21,300,000

Est. Opening Date: FY19

Lead Agency: Public Works

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	FY11	FY12	FY13	FY14
Planning/Design	0	0	0	1,600,000	0
Property Acquisition	0	0	0	0	0
Construction	0	0	0	0	0
Equipment	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$0	\$1,600,000	\$0

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	1,100,000	0
State/Federal	0	0	0	500,000	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$0	\$1,600,000	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service	0	0	0	0
Revenue/Savings	0	0	0	0
Total	\$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

Lead Agency: Public Works

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 Program project. Upon completion, VDOT becomes the owner of the improvement.

PROJECT COSTS

Cost Categories	Prior Year	FY11	FY12	FY13	FY14
Planning/Design	0	0	0	0	0
Property Acquisition	0	0	0	0	0
Construction	0	0	0	0	0
Equipment	0	0	0	0	0
Other	0	0	0	0	0
					\$0
Funding Sources					
Current					0
Bonds					0
Fire Lev					0
Debt					0
Fuel Tax					0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$0

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

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service	0	0	0	0
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

ROUTE 637, TELEGRAPH ROAD

Total Project Cost: \$6,300,000

Est. Opening Date: FY16

Lead Agency: Public Works

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	FY11	FY12	FY13	FY14
Planning/Design	0	0	630,000	0	0
Property Acquisition	0	0	0	0	2,835,000
Construction	0	0	0	0	0
Equipment	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$630,000	\$0	\$2,835,000

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	630,000	0	2,835,000
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$630,000	\$0	\$2,835,000

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service	0	0	52,718	52,718
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$52,718	\$52,718

ROUTE 651, KELLOGG MILL ROAD RELOCATION

Total Project Cost: \$1,800,000

Est. Opening Date: FY18

Lead Agency: Public Works

PROGRAM DESCRIPTION

Relocation of Kellogg Mill Road, in the vicinity of Ramoth Church Road, to align with future Woodcutter 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	FY11	FY12	FY13	FY14
Planning/Design	0	0	0	0	180,000
Property Acquisition	0	0	0	0	0
Construction	0	0	0	0	0
Equipment	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$180,000

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	180,000
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$180,000

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service	0	0	0	0
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

ROUTE 652, TRUSLOW ROAD, EAST OF I-95

Total Project Cost: \$7,000,000

Est. Opening Date: FY18

Lead Agency: Public Works

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

<u>Cost Categories</u>	<u>Prior Year</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>
Planning/Design	0	0	0	0	700,000
Property Acquisition	0	0	0	0	0
Construction	0	0	0	0	0
Equipment	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$700,000

<u>Funding Sources</u>	<u>Prior Year</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	700,000
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$700,000

<u>Operating Impacts</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service	0	0	0	0
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

ROUTE 652, TRUSLOW ROAD, WEST OF I-95

Total Project Cost: \$3,100,000

Est. Opening Date: FY18

Lead Agency : Public Works

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

<u>Cost Categories</u>	<u>Prior Year</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>
Planning/Design	0	0	0	0	310,000
Property Acquisition	0	0	0	0	0
Construction	0	0	0	0	0
Equipment	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$310,000

<u>Funding Sources</u>	<u>Prior Year</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	310,000
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$0	\$0	\$310,000

<u>Operating Impacts</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service	0	0	0	0
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

PEDESTRIAN IMPROVEMENTS

Total Project Cost: \$1,900,000

Est. Opening Date: Various

Lead Agency: Public Works

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	FY11	FY12	FY13	FY14
Planning/Design	0	0	0	0	0
Property Acquisition	0	0	0	0	0
Construction	0	0	380,000	380,000	380,000
Equipment	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$380,000	\$380,000	\$380,000

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	380,000	380,000	380,000
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$380,000	\$380,000	\$380,000

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service	0	0	31,798	63,596
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$31,798	\$63,596

POPLAR ROAD PHASE I

Total Project Cost: \$1,800,000

Est. Opening Date: FY11

Lead Agency: Public Works

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	FY11	FY12	FY13	FY14
Planning/Design	0	0	0	0	0
Property Acquisition	0	750,000	0	0	0
Construction	290,000	760,000	0	0	0
Equipment	0	0	0	0	0
Other	0	0	0	0	0
Total	\$290,000	\$1,510,000	\$0	\$0	\$0

Funding Sources	Prior Year	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Fire Levy	0	0	0	0	0
Debt	0	0	0	0	0
Fuel Tax	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Impact Fees	290,000	1,510,000	0	0	0
Total	\$290,000	\$1,510,000	\$0	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service	0	0	0	0
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0



**Department of Utilities
County of Stafford, Virginia
Adopted Capital Improvement Program FY2011-2014**

On June 15, 2010, the Stafford County Board of Supervisors adopted the Capital Improvement Program (CIP) shown below. The adopted CIP is part of a more comprehensive 10-Year Utilities Financial Plan which is used to monitor cash levels, reserve levels and debt ratio calculations relative to projected long-term targets.

Projects	FY2010 & PY Funding	FY2011	FY2012	FY2013	FY2014	Total CIP (FY11-14)	Total Project Cost
Water Projects	137,883,000	9,050,000	4,982,000	1,190,000	644,000	15,866,000	153,749,000
Wastewater Projects	41,548,000	29,164,000	1,178,000	4,882,000	4,586,000	39,810,000	81,358,000
Both Water/Wastewater	202,000	400,000	192,000	65,000	650,000	1,307,000	1,509,000
Total Utilities Projects (Budget Needs)	\$ 179,633,000	\$ 38,614,000	\$ 6,352,000	\$ 6,137,000	\$ 5,880,000	\$ 56,983,000	\$ 236,616,000

Projects	FY2010 & PY Funding	FY2011	FY2012	FY2013	FY2014	Total CIP (FY11-14)	Total Project Cost
Water Projects	51,476,000	46,457,000	29,982,000	25,190,000	644,000	102,273,000	153,749,000
Wastewater Projects	18,506,000	34,092,000	13,292,000	10,882,000	4,586,000	62,852,000	81,358,000
Both Water/Wastewater	202,000	400,000	192,000	65,000	650,000	1,307,000	1,509,000
Total Utilities Projects (Cash Needs)*	\$ 70,184,000	\$ 80,949,000	\$ 43,466,000	\$ 36,137,000	\$ 5,880,000	\$ 166,432,000	\$ 236,616,000

* The 'Cash Needs' view reflects how multiple-year project expenditures are expected to impact cash flows throughout the planning period. Some of the larger Utilities projects have been budgeted in Prior Years, but are still under construction.

Operating Impacts Summary	FY2010 & PY Funding	FY2011	FY2012	FY2013	FY2014
Personnel		100,000	109,000	369,000	1,130,000
Operating		150,000	151,000	415,000	1,179,000
Debt Service		-	2,106,000	3,651,000	5,105,000

Department of Utilities
County of Stafford, Virginia
Adopted Capital Improvement Program FY2011-2014

The Utilities Financials are managed as two separate funds (Expansion & Operations) per the Utilities Fiscal Policy adopted by the BOS (R10-145).

The Expansion Fund has the following sources of revenue:

- Availability Fees (customer/developer pays before hook up to the system)
 - Cover system expansions, changes in regulation or changes in technology
 - Include reservoirs & dams, treatment facilities and neighborhood projects

ProRata Fees (developer pays as part of construction fees)

- Used to recover the developer's proportionate share of the cost of common infrastructure
- Include water tanks, water and sewer mains and pumping stations

User Fees (paid monthly by the Utilities customers)

- The Utilities Fiscal Policy allows for user fees to be charged to cover a portion of debt service
- (Reduces risk of sole reliance on non-recurring revenues for the payment of debt service)

Expansion Funded Summary	FY2010 & PY Funding	FY2011	FY2012	FY2013	FY2014	Total CIP (FY11-14)	Total Project Cost
Bond/Availability Funded Projects	59,076,000	41,358,000	31,974,000	26,000,000	-	99,332,000	158,408,000
Grant Funded Projects	2,800,000	3,225,000	1,375,000	-	-	4,600,000	7,400,000
ProRata Funded Projects	4,330,000	26,258,000	6,865,000	7,229,000	2,876,000	43,228,000	47,558,000
Total Expansion Funded Projects	\$ 66,206,000	\$ 70,841,000	\$ 40,214,000	\$ 33,229,000	\$ 2,876,000	\$ 147,160,000	\$ 213,366,000
Expansion Fund: Affordability Level	87,120,000	46,879,000	40,704,000	42,467,000	(2,046,000)		
Annual (Deficit)/Surplus	20,914,000	(23,962,000)	490,000	9,238,000	(4,922,000)		
Cumulative (Deficit)/Surplus	20,914,000	(3,048,000)	(2,558,000)	6,680,000	1,758,000		

The Operations Fund has a single source of revenue: User Fees (paid monthly by the Utilities customers)

- Cover day-to-day operations and the on-going capital improvements to the existing system(also called Repair, Replacement & Rehabilitation or 3R)

Operations Funded Summary	FY2010 & PY Funding	FY2011	FY2012	FY2013	FY2014	Total CIP (FY11-14)	Total Project Cost
Total Operations Funded Projects	\$3,978,000	\$10,108,000	\$3,252,000	\$2,908,000	\$3,004,000	\$19,272,000	\$23,250,000
Operations Fund: Affordability Level	18,221,000	1,205,000	1,766,000	2,438,000	2,183,000		
Annual (Deficit)/Surplus	14,243,000	(8,903,000)	(1,486,000)	(470,000)	(821,000)		
Cumulative (Deficit)/Surplus	14,243,000	5,340,000	3,854,000	3,384,000	2,563,000		

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

**Department of Utilities
County of Stafford, Virginia
Adopted Capital Improvement Program FY2011-2014**

Projects	FY2010 & PY Funding	FY2011	FY2012	FY2013	FY2014	Total CIP (FY11-14)	Total Project Cost
Water							
1. Rocky Pen Water Storage Reservoir	125,000,000	-	-	-	-	-	125,000,000
<i>Projected Cash Flow:</i>	<i>48,000,000</i>	<i>28,000,000</i>	<i>25,000,000</i>	<i>24,000,000</i>			
2. 370N Water Booster Pump Station	-	-	82,000	625,000	-	707,000	707,000
3. 342 Water Zone System Improvements	1,200,000	8,000,000	4,000,000	-	-	12,000,000	13,200,000
4. Celebrate Virginia Storage Tank	1,947,000	200,000	-	-	-	200,000	2,147,000
<i>Projected Cash Flow:</i>	<i>-</i>	<i>2,147,000</i>	<i>-</i>	<i>-</i>			
5. Courthouse Area Water Tank	2,147,000	-	-	-	-	-	2,147,000
<i>Projected Cash Flow:</i>	<i>200,000</i>	<i>1,947,000</i>	<i>-</i>	<i>-</i>			
6. 480 Zone Water System Improvements	2,495,000	115,000	-	65,000	144,000	324,000	2,819,000
<i>Projected Cash Flow:</i>	<i>610,000</i>	<i>2,000,000</i>		<i>65,000</i>	<i>144,000</i>		
7. 370 Zone Water System Improvements	1,308,000	-	-	-	-	-	1,308,000
<i>Projected Cash Flow:</i>	<i>100,000</i>	<i>1,208,000</i>					
8. Courthouse Road Waterline	1,534,000	-	-	-	-	-	1,534,000
<i>Projected Cash Flow:</i>	<i>153,000</i>	<i>1,381,000</i>					
9. Ramoth Church Rd Waterline	1,139,000	-	-	-	-	-	1,139,000
<i>Projected Cash Flow:</i>	<i>100,000</i>	<i>1,039,000</i>					
10. 310 Zone Imp.(Hamptn Oaks&Austn Rdg)	166,000	235,000	-	-	-	235,000	401,000
11. Water System Rehabilitation Program	500,000	500,000	500,000	500,000	500,000	2,000,000	2,500,000
12. Water Facilities Maintenance	447,000	-	400,000	-	-	400,000	847,000
Total Water Projects: (Budget Needs)	\$ 137,883,000	\$ 9,050,000	\$ 4,982,000	\$ 1,190,000	\$ 644,000	\$ 15,866,000	\$ 153,749,000
Total Water Projects: (Cash Needs)	\$ 51,476,000	\$ 46,457,000	\$ 29,982,000	\$ 25,190,000	\$ 644,000	\$ 102,273,000	\$ 153,749,000

Project 1: Rocky Pen Run Reservoir & Water Treatment Facility

Total Project Cost: \$125,000,000

Est. Opening Date: June 2013

Lead Agency : Utilities

PROGRAM DESCRIPTION

Construction of a dam, intake pumping station, treatment facility and distribution system improvements for a pumped storage water supply and treatment facility near the Rappahannock River. When full, the reservoir will be capable of holding over 5 billion gallons. The Board of Supervisors endorsed the construction of Rocky Pen Run reservoir to meet demands of Stafford County for a fifty year planning period. Funding in the current fiscal year is for construction of the treatment facility and the main dam. Funding in subsequent years is for the distribution system upgrades. (Account#: 510-9410-501.82-31 & 510-9410-501.82-15, Project codes: KCD055 & ROCKYP)



OPERATING IMPACT SUMMARY

Avg Annual Debt Service Estimate = \$4,900,000
 Additionally, \$2M/year will be needed for operation of the water treatment and distribution facilities and \$16,000/year for maintenance of the dam.

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design	5,000,000	0	0	0	0
Property Acquisition	14,554,000	0	0	0	0
Construction	28,446,000	28,000,000	25,000,000	24,000,000	0
Equipment	0	0	0	0	0
Other-Mitigation	0				
Total	\$48,000,000	\$28,000,000	\$25,000,000	\$24,000,000	\$0

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue		0	0	0	0
Bonds	0	22,000,000	25,000,000	24,000,000	0
Debt	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other: Availability Fees	48,000,000	6,000,000	0	0	0
Total	\$48,000,000	\$28,000,000	\$25,000,000	\$24,000,000	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	250,000	1,000,000
Operating	0	0	258,000	1,016,000
Debt Service	0	800,000	1,546,000	3,000,000
Revenue/Savings	0	0	0	0
Total	\$0	\$800,000	\$2,054,000	\$5,016,000

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
Total Project	125,000,000	0	0	0	0

Project 2: 370N Water Booster Station

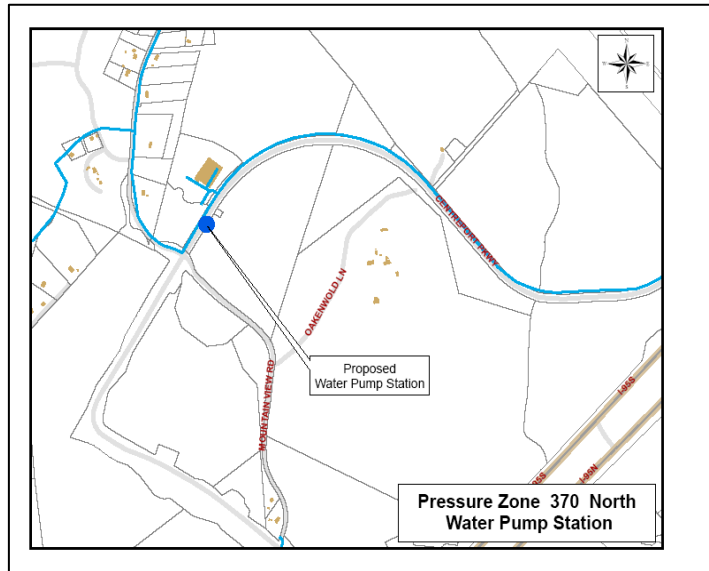
Total Project Cost: \$707,000

Est. Opening Date: June 2013

Lead Agency : Utilities

PROGRAM DESCRIPTION

Construction of a 2.0 mgd pumping station near Mountain View Road and Centreport Parkway to move water from the 342 pressure zone to the 370N pressure zone. The Water and Sewer Master Plan recommends the construction of a new water booster station after the completion of the Rocky Pen Run Water Treatment Facility. (370N-201) (Account #: 510-9407-501.81.25 Project:DHA109)



OPERATING IMPACT SUMMARY

None

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design	0	0	82,000	0	0
Property Acquisition	0	0	0	0	0
Construction	0	0	0	625,000	0
Equipment	0	0	0	0	0
Other					
Total	\$0	\$0	\$82,000	\$625,000	\$0

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Debt	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers		0			
Other: User Fees	0	0	11,000	88,000	0
Other: ProRata Fees	0	0	71,000	537,000	0
Total	\$0	\$0	\$82,000	\$625,000	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
	\$0	\$0	\$82,000	\$625,000	\$0

Project 3: 342 Zone Water System Improvements

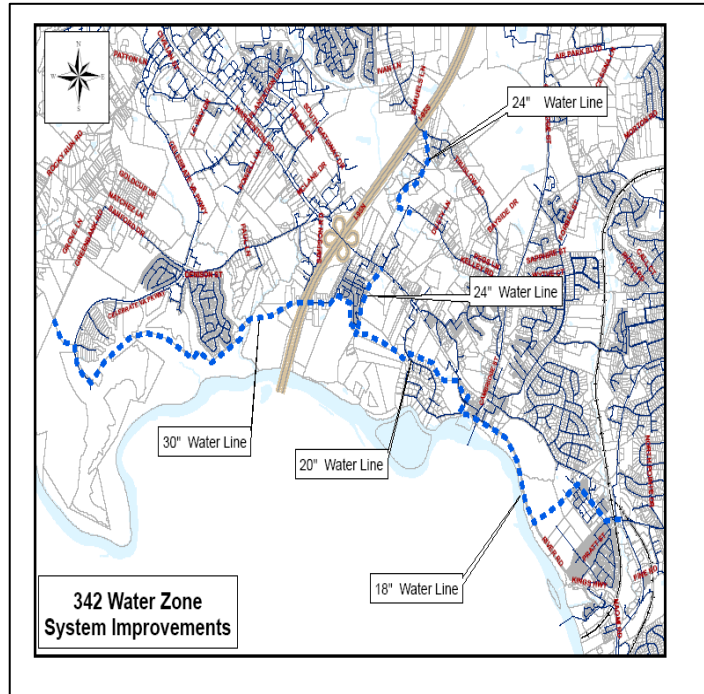
Total Project Cost: \$13,200,000

Est. Opening Date: June 2012

Lead Agency : Utilities

PROGRAM DESCRIPTION

The Water and Sewer Master Plan recommends construction of new 30" and 20" waterlines from the water treatment facility at Rocky Pen Run and replacing older lines with larger ones in the 342 zone to transfer water from the new treatment facility into the distribution system. Project includes construction of 25,100' of 30" waterline from Rocky Pen Run to the intersection of Olde Forge Dr and Rt 17 (342-14); 3,500' of 24" waterline along Beagle Road, south of Truslow (part of 342-05), 4,600' of 18" waterline along Butler Rd (342-02 & 342-03), 2,700' of 12" waterline along Layhill Rd and Forbes St (342-08); and 7,200' of 20" waterline along Rt 17 from Olde Forge Dr to Rt 1 (342-01). (Account# 510-9407-501.81-27 Project:DHA110)



OPERATING IMPACT SUMMARY

Minimal

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design	144,000	0	0	0	0
Property Acquisition	0	0	0	0	0
Construction	1,056,000	8,000,000	4,000,000	0	0
Equipment	0	0	0	0	0
Other	0				
Total	\$1,200,000	\$8,000,000	\$4,000,000	\$0	\$0

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Debt	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other: User Fees	168,000	1,120,000	560,000	0	0
Other: ProRata Fees	1,032,000	6,880,000	3,440,000	0	0
Total	\$1,200,000	\$8,000,000	\$4,000,000	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
	\$1,200,000	\$8,000,000	\$4,000,000	\$0	\$0

Project 4: Celebrate Virginia Water Storage Tank

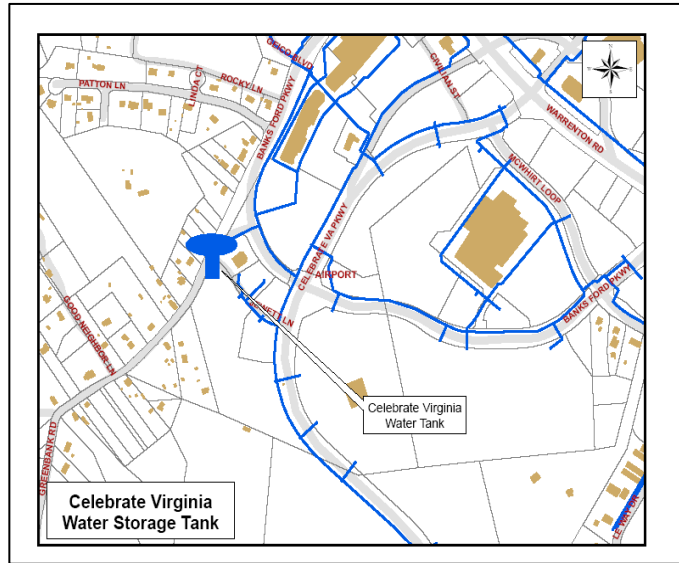
Total Project Cost: \$2,147,000

Est. Opening Date: June 2011

Lead Agency : Utilities

PROGRAM DESCRIPTION

Construction of new 1.0 million gallon water storage tank near the corner of Warrenton Road and Greenbank Road to replace the existing Berea Tank. (480-100)
(Account# 510-9407-501.82-27 Project:KCD066)



OPERATING IMPACT SUMMARY

None.

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design		200,000	0	0	0
Property Acquisition	0	0	0	0	0
Construction	0	1,947,000	0	0	0
Equipment	0	0	0	0	0
Other					
Total	\$0	\$2,147,000	\$0	\$0	\$0

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Debt	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other: User Fees		0			
Other: ProRata Fees	0	300,600			
Total	0	1,846,400	0	0	0
	\$0	\$2,147,000	\$0	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service				
Revenue/Savings				
Total	0	0	0	0
	\$0	\$0	\$0	\$0

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
	\$1,947,000	\$200,000	\$0	\$0	\$0

Project 5: Courthouse Area Water Tank

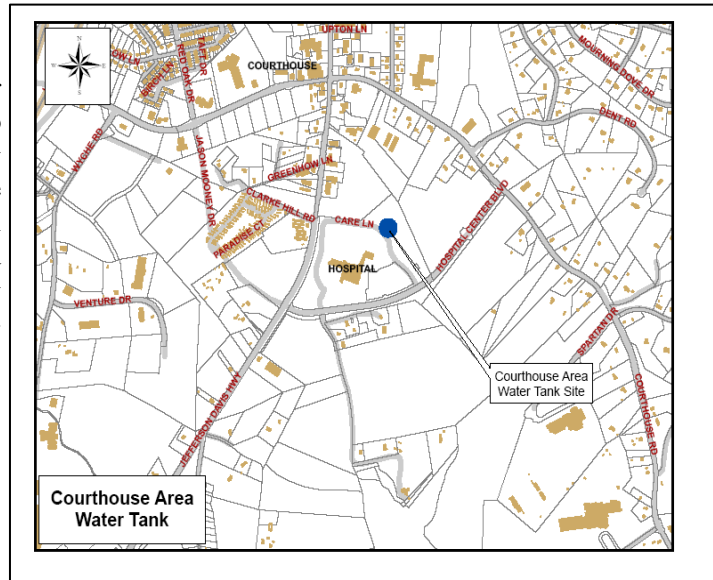
Total Project Cost: \$2,147,000

Est. Opening Date: June 2011

Lead Agency : Utilities

PROGRAM DESCRIPTION

Construction of a 1.0 million gallon elevated water tank in the Courthouse area near the new hospital to meet increasing water service and fire flow requirements. (433-100) This project will allow the creation of the 370N pressure zone and, inconjunction with the installation of PRV's on Mountain View Road and Ramoth Church Road, provide adequate fire flow in the central portion of the county. (Account#: 510-9407-501.82-26)



OPERATING IMPACT SUMMARY

Minimal.

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design	200,000	0	0	0	0
Property Acquisition	0	0	0	0	0
Construction		1,947,000	0	0	0
Equipment	0	0	0	0	0
Other					
Total	\$200,000	\$1,947,000	\$0	\$0	\$0

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Debt	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers		0			
Other: User Fees	28,000	272,600			
Other: ProRata Fees	172,000	1,674,400	0	0	0
Total	\$200,000	\$1,947,000	\$0	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
	\$2,147,000	\$0	\$0	\$0	\$0

Project 6: 480 Zone Water System Improvements

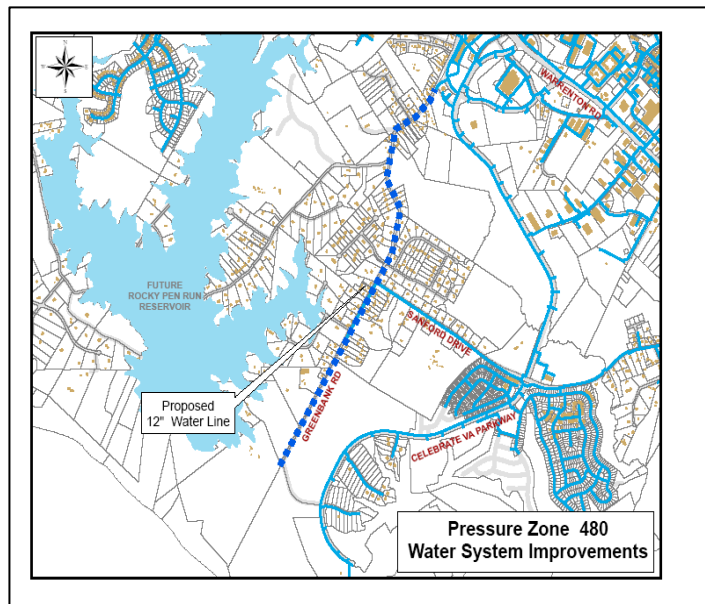
Total Project Cost: \$2,819,000

Est. Opening Date: June 2014

Lead Agency : Utilities

PROGRAM DESCRIPTION

Construct 11,500' of 24" waterline and 930' of 12" waterline. (480-01, 480-03) The Water and Sewer Master Plan recommends construction of 8500' of 24" waterline from the Rocky Pen Run Water treatment Facility along Greenbank Road and Warrenton Road to serve the 480 zone in the western portions of the urban service area along Route 17. Also included in FY 2014 in 550' of 12" waterline along University Boulevard. (account #: 510-9407-501.82-27 Project: KCD065)



OPERATING IMPACT SUMMARY

None.

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design	175,000	0	0	0	0
Property Acquisition	0	0	0	0	0
Construction	435,000	2,000,000	0	65,000	144,000
Equipment	0	0	0	0	0
Other			0		0
Total	\$610,000	\$2,000,000	\$0	\$65,000	\$144,000

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Debt	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other: User Fees	85,400	280,000	0	9,100	20,160
Other: ProRata Fees	524,600	1,720,000	0	55,900	123,840
Total	\$610,000	\$2,000,000	\$0	\$65,000	\$144,000

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
	\$2,495,000	\$115,000	\$0	\$65,000	\$144,000

Project 7: 370 Zone Water System Improvements

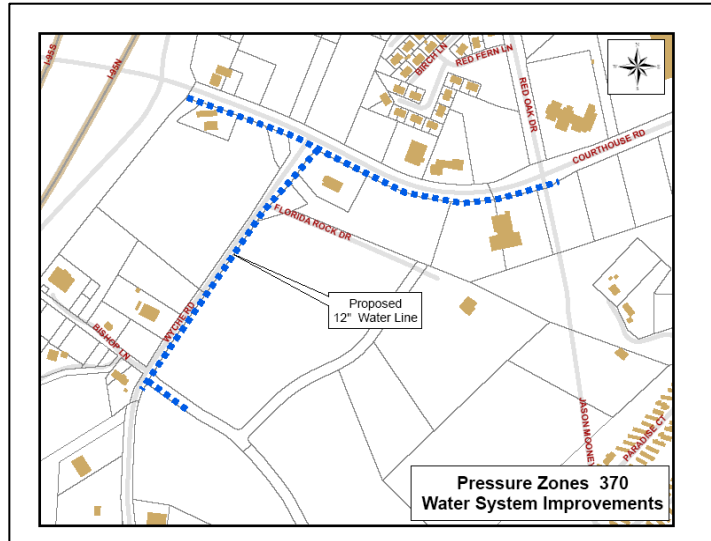
Total Project Cost: \$1,308,000

Est. Opening Date: June 2011

Lead Agency : Utilities

PROGRAM DESCRIPTION

The Water and Sewer Master Plan recommends construction of a larger water transmission main to improve flow during peak demand periods and fire emergency events. This line would connect with the waterline installed along Austin Ridge Drive and Courthouse Road west of I-95 to points in the distribution system on Route 1. (Account#:510-9407-501.82-27)



OPERATING IMPACT SUMMARY

None.

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design	0	0	0	0	0
Property Acquisition	0	0	0	0	0
Construction	50,000	1,158,000	0	0	0
Equipment	50,000	50,000	0	0	0
Other			0		
Total	\$100,000	\$1,208,000	\$0	\$0	\$0

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Debt	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other: User Fees	14,000	169,120	0	0	0
Other: ProRata Fees	86,000	1,038,880	0	0	0
Total	\$100,000	\$1,208,000	\$0	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
	\$1,308,000	\$0	\$0	\$0	\$0

Project 9: Ramoth Church Road Waterline

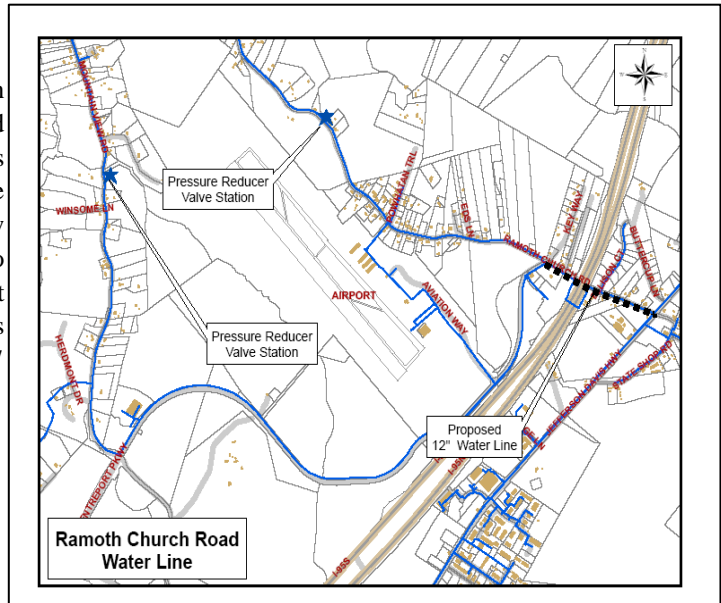
Total Project Cost: \$1,139,000

Est. Opening Date: June 2011

Lead Agency : Utilities

PROGRAM DESCRIPTION

Construction of 3570 linear feet of 12" watermain on American Legion Road and Ramoth Church Road from Ramoth Church Road to Jefferson Davis Highway and two pressure reducing valve stations, one on Ramoth Church Road and one on Mountain View Road. (GWIP Project 370N-02) The line is needed to create a connection between the water mains at Centreport and the 12" watermain in Jefferson Davis Highway. (Account#: 510-9407-501.82-27 Project:DHA113)



OPERATING IMPACT SUMMARY

None.

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design	100,000	0	0	0	0
Property Acquisition	0	0	0	0	0
Construction		1,039,000	0	0	0
Equipment	0	0	0	0	0
Other			0		
Total	\$100,000	\$1,039,000	\$0	\$0	\$0

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Debt	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other: User Fees	14,000	145,460	0	0	0
Other: ProRata Fees	86,000	893,540	0	0	0
Total	\$100,000	\$1,039,000	\$0	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
	\$1,139,000	\$0	\$0	\$0	\$0

Project 10: 310 Zone Improvements (Hampton Oaks&Austin Ridge)

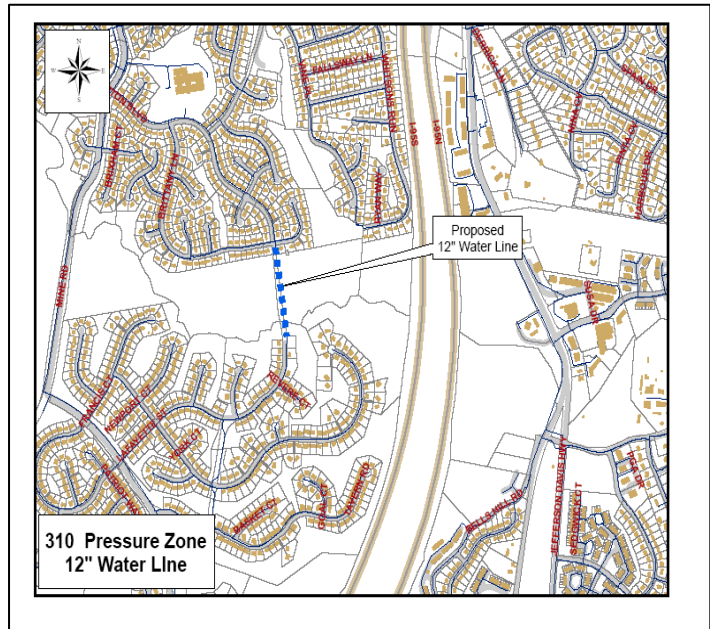
Total Project Cost: \$401,000

Est. Opening Date: June 2011

Lead Agency : Utilities

PROGRAM DESCRIPTION

Construct 700' of 12" waterline to connect Hampton Oaks and Austin Ridge subdivisions and install 3 pressure reducing valves for more efficient pressure control. (310-04) The Water and sewer Master plan recommends construction of a 12" waterline connector between these two subdivisions to improve fire flows and water service reliability, along with the installation of pressure reducing valves at three locations. (Account #: 510-9407-501.81-27)



OPERATING IMPACT SUMMARY

None.

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design	20,000	0	0	0	0
Property Acquisition	10,000	0	0	0	0
Construction	136,000	235,000	0	0	0
Equipment	0	0	0	0	0
Other			0	0	0
Total	\$166,000	\$235,000	\$0	\$0	\$0

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Debt	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other: User Fees	23,240	32,900	0	0	0
Other: ProRata Fees	142,760	202,100	0	0	0
Total	\$166,000	\$235,000	\$0	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
	\$166,000	\$235,000	\$0	\$0	\$0

Project 11: Water System Rehabilitation Program

Total Project Cost: \$2,500,000

Est. Opening Date: Ongoing

Lead Agency : Utilities

PROGRAM DESCRIPTION

Replacement of substandard and corroded water mains with larger pipes made with modern materials. Numerous older subdivisions were constructed with substandard sizes and materials for water mains. These galvanized and cast iron pipes have been the cause of frequent breaks and poor water quality complaints. Other problems include insufficient shut-off valves and lack of fire protection. (Account#:510-9408-501-81.27)



OPERATING IMPACT SUMMARY

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design	61,500	0	0	0	0
Property Acquisition	0	0	0	0	0
Construction	438,500	500,000	500,000	500,000	500,000
Equipment	0	0	0	0	0
Other					
Total	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Debt	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers		0	0		
Other: User Fees	500,000	500,000	500,000	500,000	500,000
Total	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000

Project 12: Water Facilities Maintenance

Total Project Cost: \$847,000

Est. Opening Date: Ongoing

Lead Agency : Utilities

PROGRAM DESCRIPTION

Repaint existing water tanks. The Utilities Department has implemented a program to repaint water tanks at scheduled intervals to maintain water quality and protect structural integrity. Abel Lake and Moncure are scheduled for 2012. (Account#: 510-9408-501.81-26)



OPERATING IMPACT SUMMARY

None.

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design	0	0	0	0	0
Property Acquisition	0	0	0	0	0
Construction	0	0	0	0	0
Equipment	0	0	0	0	0
Other	447,000	0	400,000	0	0
Total	\$447,000	\$0	\$400,000	\$0	\$0

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Debt	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other: User Fees	447,000	0	400,000	0	0
Total	\$447,000	\$0	\$400,000	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
	\$447,000	\$0	\$400,000	\$0	\$0



Department of Utilities
County of Stafford, Virginia
Adopted Capital Improvement Program FY2011-2014

Projects	FY2010 & PY Funding	FY2011	FY2012	FY2013	FY2014	Total CIP (FY11-14)	Total Project Cost
Wastewater							
1. Nutrient Removal Upgrades- Aquia WWTF	21,513,000	3,884,000	-	-	-	3,884,000	25,397,000
<i>Projected Cash Flow:</i>	<i>6,349,000</i>	<i>12,699,000</i>	<i>6,349,000</i>				
2. Nutrient Removal Upgrades- LFR WWTF	4,490,000	7,049,000	-	-	-	7,049,000	11,539,000
<i>Projected Cash Flow:</i>	<i>8,655,000</i>	<i>2,884,000</i>					
3. Little Falls Run Expansion	1,000,000	4,000,000	-	-	-	4,000,000	5,000,000
<i>Projected Cash Flow:</i>		<i>1,000,000</i>	<i>2,000,000</i>	<i>2,000,000</i>			
4. Hickory Ridge PS Replacement	70,000	655,000	-	-	-	655,000	725,000
5. Oaks of Stafford PS Replacement PS44	-	460,000	-	-	-	460,000	460,000
6. Replace Route 3 PS 68	-	725,000	-	-	-	725,000	725,000
7. N. Stafford Industrial Park PS and FM Upgrade	-	670,000	-	-	-	670,000	670,000
8. Replace Ebenezer FM PS 38	215,000	710,000	-	-	-	710,000	925,000
9. Claiborne Run Gravity Sewer Replacement	150,000	2,800,000	-	-	-	2,800,000	2,950,000
10. Falls Run Interceptor (Phase 1)	1,972,000	4,096,000	-	-	-	4,096,000	6,068,000
<i>Projected Cash Flow:</i>	<i>1,568,000</i>	<i>4,500,000</i>					
11. Falls Run Interceptor (Phase 2)	-	-	360,000	2,000,000	2,600,000	4,960,000	4,960,000
12. Wayside Sewer Interceptor	1,000,000	1,220,000	-	-	-	1,220,000	2,220,000
<i>Projected Cash Flow:</i>	<i>20,000</i>	<i>700,000</i>	<i>1,500,000</i>				
13. Austin Run PS and Force Main Upgrades	3,400,000	470,000	-	-	-	470,000	3,870,000
<i>Projected Cash Flow:</i>	<i>70,000</i>	<i>2,800,000</i>	<i>1,000,000</i>				
14. Potomac Creek PS/FM Upgrades	130,000	-	261,000	1,716,000	600,000	2,577,000	2,707,000
15. Gravity Sewer along Austin Run	4,779,000	-	-	-	-	-	4,779,000
<i>Projected Cash Flow:</i>			<i>779,000</i>	<i>4,000,000</i>			
16. Wastewater PS Rehabilitation	1,700,000	-	307,000	966,000	345,000	1,618,000	3,318,000
<i>Projected Cash Flow:</i>	<i>150,000</i>	<i>1,064,000</i>	<i>793,000</i>	<i>966,000</i>	<i>345,000</i>		
17. Wastewater System Rehabilitation Program	250,000	500,000	250,000	200,000	250,000	1,200,000	1,450,000
18. Equip Replacement - Aquia WWTF	212,000	150,000	-	-	791,000	941,000	1,153,000
19. Rt 1 North Sewer Line	667,000	1,775,000				1,775,000	2,442,000
Total Wastewater Projects:(Budget Needs)	\$ 41,548,000	\$ 29,164,000	\$ 1,178,000	\$ 4,882,000	\$ 4,586,000	\$ 39,810,000	\$ 81,358,000
Total Wastewater Projects:(Cash Needs)	\$ 18,506,000	\$ 34,092,000	\$ 13,292,000	\$ 10,882,000	\$ 4,586,000	\$ 62,852,000	\$ 81,358,000

Project 1: Nutrient Removal Upgrade - Aquia WWTF

Total Project Cost: \$25,397,000

Est. Opening Date: June 2011

Lead Agency : Utilities

PROGRAM DESCRIPTION

Stafford County has seen expanded commercial and residential growth in the urban service area served by the Aquia Wastewater Treatment Facility. Less than 1,850 connections remain for this facility with many of these already committed to approved projects. It will be necessary to construct an additional treatment train simialiar to the two existing trains to get the permitted discharge capacity up to ten million gallons per day. (Account#: 510-9409-502.82-15 Project: KCD060)



OPERATING IMPACT SUMMARY

Annual Debt Service = \$1,481,500, assuming \$23,681,000 principal, 1.6% interest, 20 years and 3% administrative fees. Assumes approximately \$5,000,000 in DEQ grants.

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design	1,200,000	0	0	0	0
Property Acquisition	0	0	0	0	0
Construction	3,648,000	9,698,000	4,848,000	0	0
Equipment	1,182,000	2,363,000	1,182,000	0	0
Other	319,000	638,000	319,000	0	0
Total	\$6,349,000	\$12,699,000	\$6,349,000	\$0	\$0

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	4,972,000	9,944,000	4,972,000	0	0
Debt	0	0	0	0	0
State/Federal	1,377,000	2,755,000	1,377,000	0	0
Proffers		0			
Other: Availability Fees	0	0	0	0	0
Total	\$6,349,000	\$12,699,000	\$6,349,000	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service	0	802,750	1,418,500	1,418,500
Revenue/Savings	0	0	0	0
Total	\$0	\$802,752	\$1,418,528	\$1,418,528

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
	21,513,000	3,884,000	0	0	0

Project 2: Nutrient Removal Upgrade - Little Falls Run WWTF

Total Project Cost: \$11,539,000

Est. Opening Date: June 2010

Lead Agency : Utilities

PROGRAM DESCRIPTION

The Department of Environmental Quality (DEQ) has imposed more stringent discharge limits for nitrogen for all treatment facilities discharging to the Chesapeake Bay. While the County's two wastewater treatment facilities are designed for nutrient removal, some modifications are necessary to meet the proposed limits due to take effect in 2010. This project qualifies for grant assistance through the DEQ and loan assistance through the Virginia Revolving Loan Fund. (Account #: 510-9409-502.82-15 Project: KCD061)



OPERATING IMPACT SUMMARY

Estimated Annual Debt Service = \$686,860, assuming \$9,606,000 principal, 3.55% interest, 20 years and 3% admin fees. Assumes approximately \$1,900,000 will be received in grants. Twenty-four hour coverage will require 2 additional operators.

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design	637,000	0	0	0	0
Property Acquisition	0	0	0	0	0
Construction	7,115,000	2,584,000	0	0	0
Equipment	531,000	177,000	0	0	0
Other	371,000	124,000	0	0	0
Total	\$8,654,000	\$2,885,000	\$0	\$0	\$0

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	7,205,000	2,402,000	0	0	0
Debt	0	0	0	0	0
State/Federal	1,450,000	482,000	0	0	0
Proffers	0	0	0	0	0
Other: Availability Fees	0	0	0	0	0
Total	\$8,655,000	\$2,884,000	\$0	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	100,000	109,000	119,000	130,000
Operating	150,000	156,000	162,000	168,000
Debt Service	0	503,355	686,860	686,860
Revenue/Savings	0	0	0	0
Total	\$250,000	\$768,355	\$967,860	\$984,860

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
	\$4,490,000	\$7,049,000	\$0	\$0	\$0

Project 3: Little Falls Run Expansion

Total Project Cost: \$5,000,000

Est. Opening Date: June 2011

Lead Agency : Utilities

PROGRAM DESCRIPTION

Upgrade and expand facility to provide a firm 8 mgd capacity. Denitrification tanks will be constructed to meet nutrient discharge limits at higher flow rates. The project is due for completion in FY11. (Account# 510-9409-502.82-15)



OPERATING IMPACT SUMMARY

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design		1,000,000	0	0	0
Property Acquisition	0	0	0	0	0
Construction	0		2,000,000	2,000,000	0
Equipment	0	0	0	0	0
Other	0	0			
Total	\$0	\$1,000,000	\$2,000,000	\$2,000,000	\$0

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0		0	0	0
Debt	0	0	0	0	0
State/Federal	0	0	0	1,750,000	0
Proffers	0	0	0	0	0
Other: Availability Fees	0	1,000,000	2,000,000	250,000	0
Total	\$0	\$1,000,000	\$2,000,000	\$2,000,000	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
	\$1,000,000	\$4,000,000	\$0	\$0	\$0

Project 4: Hickory Ridge Wastewater PS Replacement

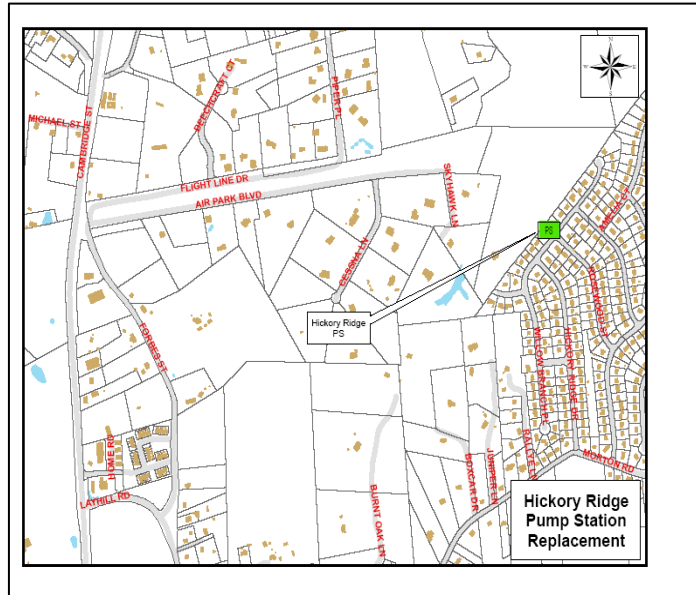
Total Project Cost: \$725,000

Est. Opening Date: June 2011

Lead Agency : Utilities

PROGRAM DESCRIPTION

Replace Hickory Ridge Wastewater Pumping Station. (GSIP Project LFR-215) The equipment and concrete at the pumping station have exceeded their useful lives. In addition, flow projections and modeling in this area indicate the station will have insufficient capacity to meet near-term flows, especially from the new high school proposed for 2012. (Account #: 510-9407-501.82-27)



OPERATING IMPACT SUMMARY

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design	70,000	0	0	0	0
Property Acquisition	0	0	0	0	0
Construction	0	655,000	0	0	0
Equipment	0	0	0	0	0
Other					
Total	\$70,000	\$655,000	\$0	\$0	\$0

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Debt	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other: User Fees	9,800	87,500	0	0	0
Other: ProRata Fees	60,200	567,500	0	0	0
Total	\$70,000	\$655,000	\$0	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
	\$70,000	\$655,000	\$0	\$0	\$0

Project 5: Oaks of Stafford Wastewater PS Replacement PS44

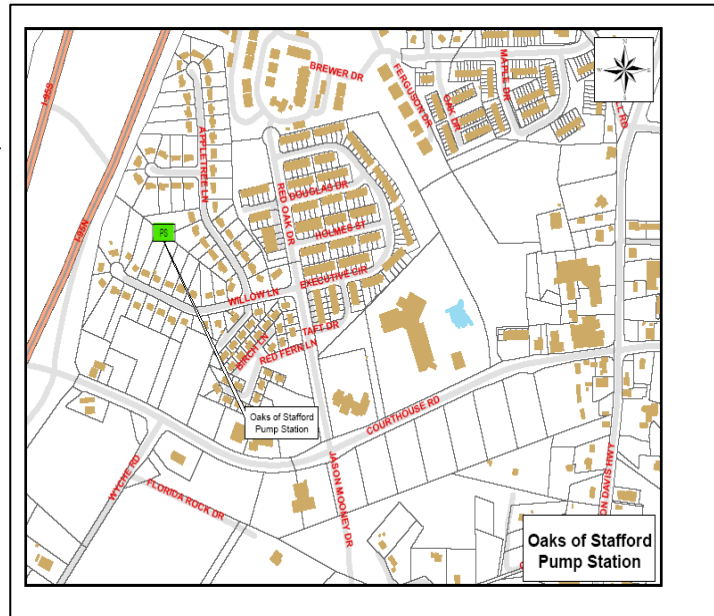
Total Project Cost: \$460,000

Est. Opening Date: June 2011

Lead Agency : Utilities

PROGRAM DESCRIPTION

Design of the replacement of the Oaks of Stafford Wastewater Pumping Station (PS 44). (GSIP Project A-208) The equipment and concrete structure of this pumping station have reached the end of their useful lives. Furthermore, flows projected for this area are expected to exceed the capacity of this station. (Account #: 510-9407-502.81-25)



OPERATING IMPACT SUMMARY

None.

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design	0	60,000	0	0	0
Property Acquisition	0	0	0	0	0
Construction	0	250,000	0	0	0
Equipment	0	150,000	0	0	0
Other	0	0	0	0	0
Total	\$0	\$460,000	\$0	\$0	\$0

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Debt	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other: User Fees	0	64,400	0	0	0
Other: ProRata Fees	0	395,600	0	0	0
Total	\$0	\$460,000	\$0	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
		\$460,000	\$0	\$0	\$0

Project 6: Old Route 3 SPS 68

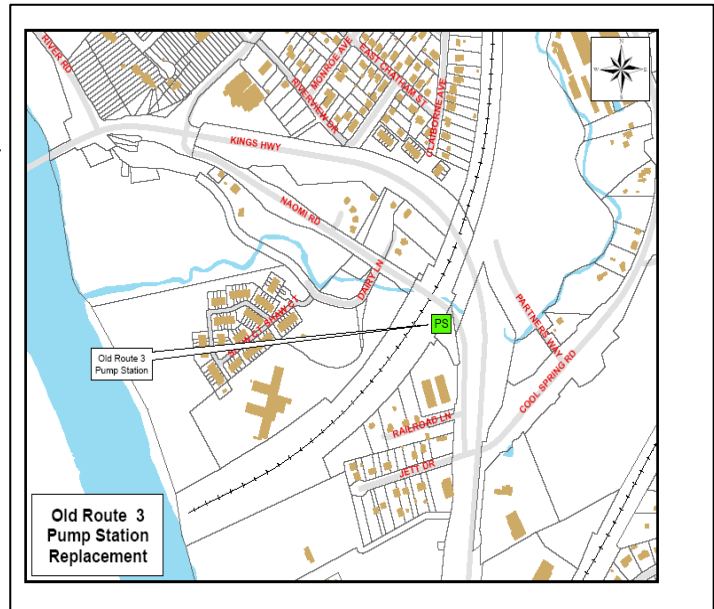
Total Project Cost: \$725,000

Est. Opening Date: August 2010

Lead Agency : Utilities

PROGRAM DESCRIPTION

Replace Old Route 3 sewage pumping station. The station is deteriorated and leaking ground water. The mechanical equipment is worn and in need of replacement. The new station will consist of a concrete wet well constructed above the flood plain with an above grade suction lift pumping system.



OPERATING IMPACT SUMMARY

None.

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design	0	100,000	0	0	0
Property Acquisition	0	20,000	0	0	0
Construction	0	405,000	0	0	0
Equipment		200,000	0	0	0
Other					
Total	\$0	\$725,000	\$0	\$0	\$0

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds			0	0	0
Debt	0	0	0	0	0
State/Federal			0	0	0
Proffers	0	0	0	0	0
Other: End User Fees	0	101,500	0	0	0
Other: ProRata Fees	0	623,500			
Total	\$0	\$725,000	\$0	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
		\$725,000	\$0	\$0	\$0

Project 7. N. Stafford Industrial Park PS and FM Upgrade

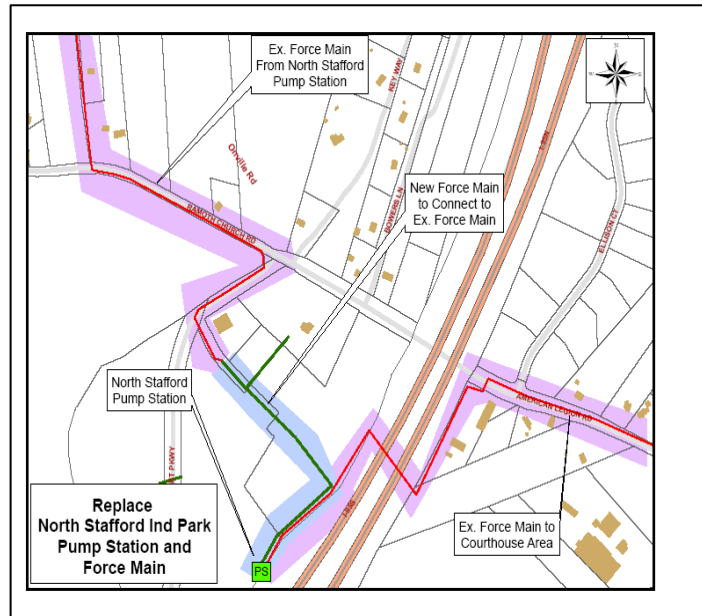
Total Project Cost: \$670,000

Est. Opening Date: June 2011

Lead Agency : Utilities

PROGRAM DESCRIPTION

The existing pumping station is deteriorated. It consists of two sets of pumps in series to pump through the force main on US Route 1 to the Courthouse area. This station will be replaced with concrete tankage and new pumps that will enable the station to pump into the Upper Accokeek sewershed, reducing energy consumption and freeing up capacity in the US Route 1 force main. Construction of 1729 feet of 6" force main from the North Stafford Industrial Park to the terminus of the existing force main that conveys wastewater from the upper Accokeek PS to the North Stafford Industrial Park PS. This will allow the flow in the pump station to be reversed.



OPERATING IMPACT SUMMARY

None.

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design	130,000	0	0	0	0
Property Acquisition	40,000	0	0	0	0
Construction	0	375,000	0	0	0
Equipment		125,000	0	0	0
Other		0			
Total	\$170,000	\$500,000	\$0	\$0	\$0

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds			0	0	0
Debt	0	0	0	0	0
State/Federal			0	0	0
Proffers	0	0	0	0	0
Other: End User Fees	23,800	70,000	0	0	0
Other: ProRata Fees	146,200	430,000			
Total	\$170,000	\$500,000	\$0	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
		\$670,000	\$0	\$0	\$0

Project 8: Ebenezer Church SPS 38

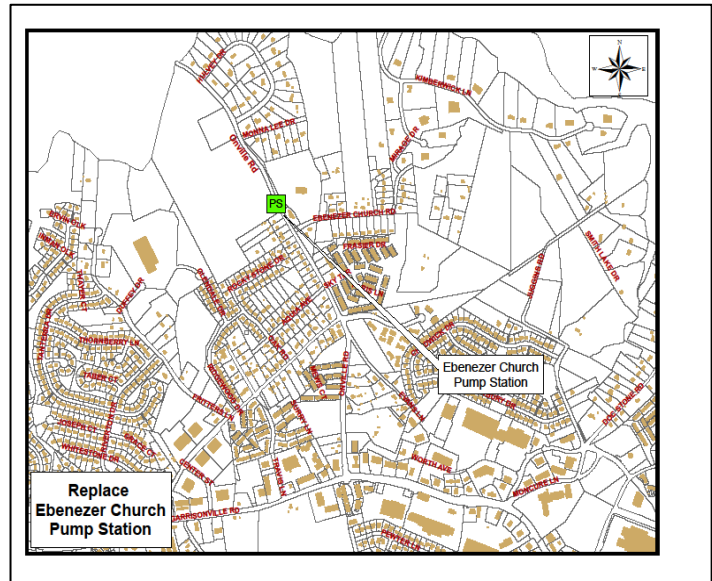
Total Project Cost: \$925,000

Est. Opening Date: June 2011

Lead Agency : Utilities

PROGRAM DESCRIPTION

The concrete tankage is deteriorated beyond the feasibility of repair and the pumping equipment is worn and in need of replacement in order to divert overflows. The site is inadequate as is with no room for expansion. This station will be replaced with a new station at a new site. Approximately 2000 feet of gravity sewer will be needed to convey flow to the new site.



OPERATING IMPACT SUMMARY

None.

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design	200,000	0	0	0	0
Property Acquisition	15,000	0	0	0	0
Construction	0	535,000	0	0	0
Equipment		175,000	0	0	0
Other					
Total	\$215,000	\$710,000	\$0	\$0	\$0

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds			0	0	0
Debt	0	0	0	0	0
State/Federal			0	0	0
Proffers	0	0	0	0	0
Other: End User Fees	30,100	99,400	0	0	0
Other: ProRata Fees	184,900	610,600			
Total	\$215,000	\$710,000	\$0	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
	\$215,000	\$710,000	\$0	\$0	\$0

Project 9: Claiborne Run Gravity Sewer Replacement

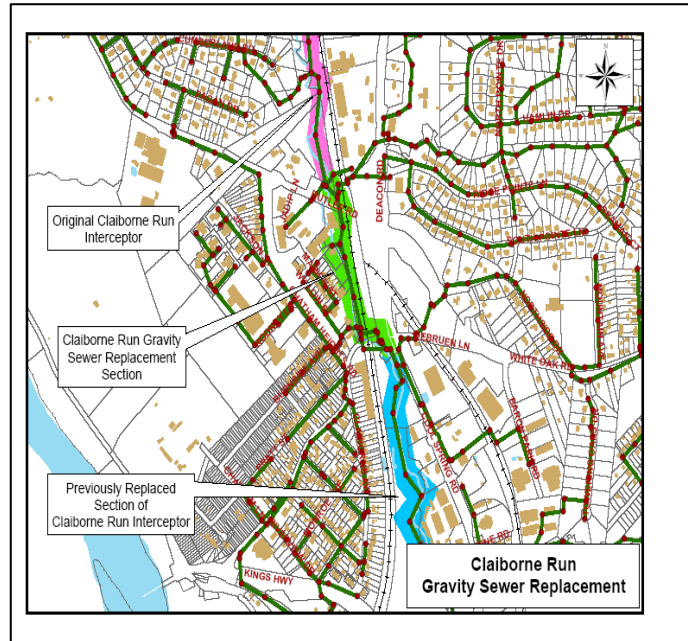
Total Project Cost: \$2,950,000

Est. Opening Date: June 2011

Lead Agency : Utilities

PROGRAM DESCRIPTION

Replace 6,200 feet of the existing Claiborne Run gravity sewer with 42" sewer. The Claiborne Run gravity sewer was installed in the 1970's using asbestos cement pipe. This material has since been found to deteriorate in the presence of hydrogen sulfide - a common constituent in wastewater. Consequently, large sections of this sewer line have deteriorated to the point of imminent failure. This, combined with the expansion of the southern part of the urban service area make it imperative to replace this sewer with a larger pipe and modern materials. The FY 11 funding is for upgrades to the upper sections of the interceptor (LFR-14) (2080 linear ft) in conjunction with upgrades to the Potomac Creek pumping station scheduled for the same time. (Account #: 510-9407-502.81-27)



OPERATING IMPACT SUMMARY

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design	20,000	110,000	0	0	0
Property Acquisition	130,000	0	0	0	0
Construction		2,690,000	0	0	0
Equipment	0	0	0	0	0
Other	0	0			
Total	\$150,000	\$2,800,000	\$0	\$0	\$0

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Debt	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other: User Fees	21,000	392,000	0	0	0
Other: ProRata Fees	129,000	2,408,000	0	0	0
Total	\$150,000	\$2,800,000	\$0	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
	\$150,000	\$2,800,000	\$0	\$0	\$0

Project 10: Falls Run Sewer Interceptor Replacement (Phase 1)

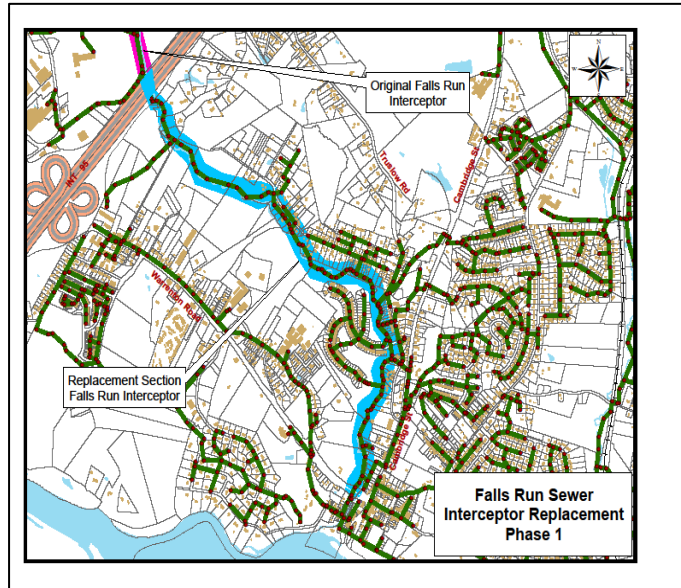
Total Project Cost: \$6,068,000

Est. Opening Date: June 2011

Lead Agency: Utilities

PROGRAM DESCRIPTION

Replace the existing asbestos cement sewer with a new, larger sewer line made of modern materials. It is proposed to replace the existing line with 3,427' of 36" gravity sewer and 8,500' of 30" sewer. General sewer improvement program projects LFR-1 and LFR-2. The existing sewer line was constructed in the 1970's of materials susceptible to hydrogen sulfide damage, a commonly found chemical in sewer systems. In addition, expansion of the commercial and residential customer base along the Route 17 corridor has stressed the capacity of the collection system serving that area. (Account#: 510-9407-502.81-27)



OPERATING IMPACT SUMMARY

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design	759,000	0	0	0	0
Property Acquisition	200,000	0	0	0	0
Construction	609,000	4,500,000	0	0	0
Equipment	0	0	0	0	0
Other					
Total	\$1,568,000	\$4,500,000	\$0	\$0	\$0

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Debt	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other: User Fees	219,520	630,000	0	0	0
Other: Availability Fees	1,348,480	3,870,000	0	0	0
Total	\$1,568,000	\$4,500,000	\$0	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
	\$1,972,000	\$4,096,000	\$0	\$0	\$0

Project 11: Falls Run Gravity Sewer Replacement (Phase 2)

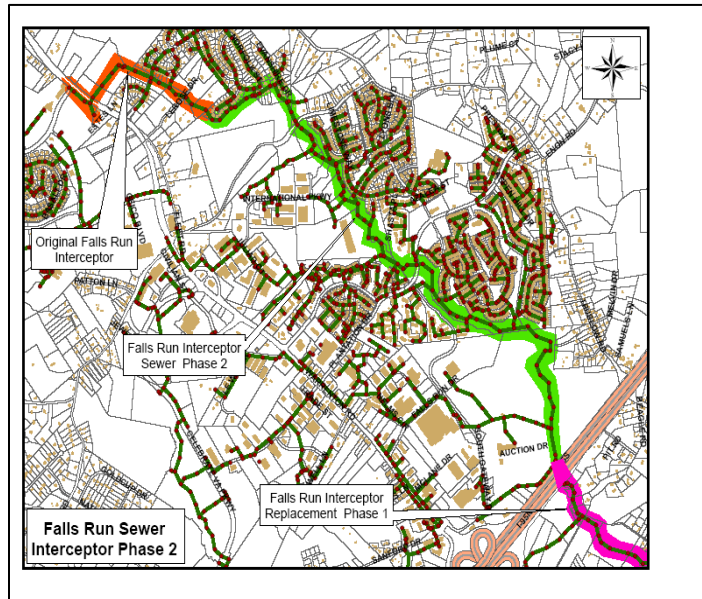
Total Project Cost: \$4,960,000

Est. Opening Date: June 2014

Lead Agency : Utilities

PROGRAM DESCRIPTION

Replace 13,100 linear feet of 12" and 15" gravity sewer main along Falls Run with 24" gravity main from terminus of the 30" main near Stanstead Road to vicinity of Pennsbury Court. (GSIP Project LFR-3) The existing sewer line was constructed in the 1970's of materials susceptible to hydrogen sulfide damage, a commonly found chemical in sewer systems. Changes in stream alignment have left some sections of the interceptor subject to wash-out from high stream flow events. (Account# 510-9407-502.81-28)



OPERATING IMPACT SUMMARY

None.

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design		0	360,000	0	
Property Acquisition	0		0	330,000	0
Construction	0		0	1,670,000	2,600,000
Equipment	0	0	0	0	0
Other	0	0	0	0	0
Total	\$0	\$0	\$360,000	\$2,000,000	\$2,600,000

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Debt	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other: User Fees	0	0	50,400	280,000	364,000
Other: ProRata Fees	0	0	309,600	1,720,000	2,236,000
Total	\$0	\$0	\$360,000	\$2,000,000	\$2,600,000

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
	\$0	\$0	\$360,000	\$2,000,000	\$2,600,000

Project 12: Wayside Sewer Interceptor

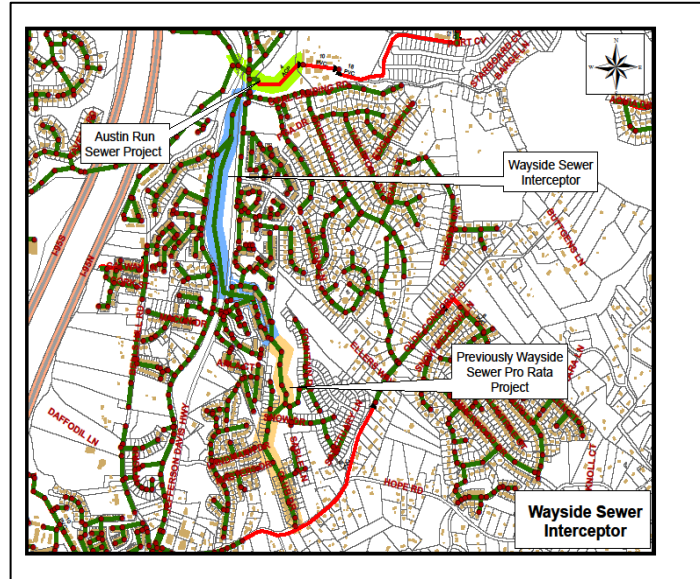
Total Project Cost: \$2,220,000

Est. Opening Date: June 2012

Lead Agency : Utilities

PROGRAM DESCRIPTION

Replace 3,017' of existing undersized 10" asbestos cement sewer line with new 18" sewer line. (A-14) The Water and Sewer Master Plan recommends replacing the existing 10" line with a new 18" diameter line along the wayside area between Austin Run south to Allatoona Lane to accommodate growing commercial demands in the central Stafford area. (Account #: 510-9407-502.81-28)



OPERATING IMPACT SUMMARY

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design	20,000	280,000	0	0	0
Property Acquisition	0	0	0	0	0
Construction		420,000	1,500,000	0	0
Equipment	0	0	0	0	0
Other					
Total	\$20,000	\$700,000	\$1,500,000	\$0	\$0

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Debt	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other: User Fees	2,800	98,000	210,000	0	0
Other: ProRata Fees	17,200	602,000	1,290,000	0	0
Total	\$20,000	\$700,000	\$1,500,000	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
	\$1,000,000	\$1,220,000	\$0	\$0	\$0

Project 13: Austin Run P.S. & Force Main Upgrades

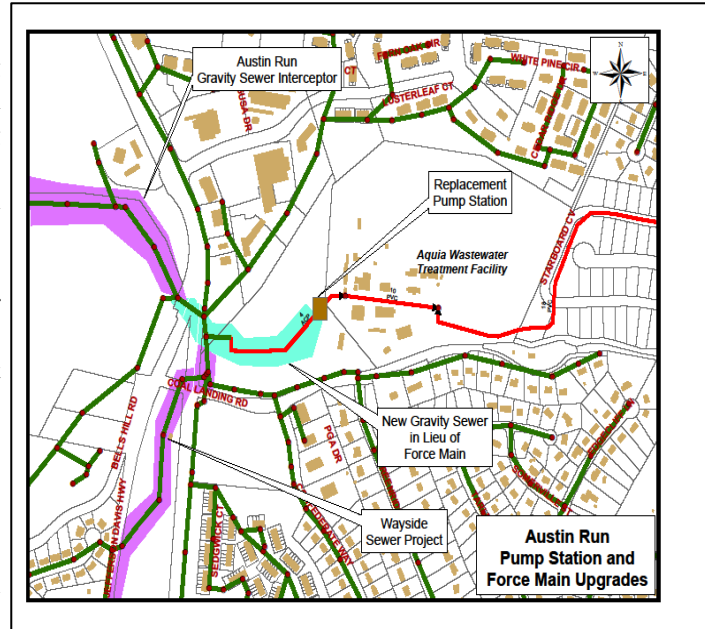
Total Project Cost: \$3,870,000

Est. Opening Date: June 2012

Lead Agency : Utilities

PROGRAM DESCRIPTION

Upgrade or replacement of the existing pumping station with a new 28 million gallon per day station at the Aquia WWTF; replacement of the existing force main with a 36" diameter gravity sewage pipe. (A-210) Additional wastewater pumping and transmission capacity is necessary to serve the commercial and residential development west of I-95 from route 630 north to Aquia Creek. The Water and Sewer Master Plan recommends increasing the capacity of the existing facilities to handle buildout flows. (Account #: 510-9407-502.82-25)



OPERATING IMPACT SUMMARY

Somewhat lower initial operating costs (approximately \$5,000 per year) due to a reduction in pipe friction.

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design	70,000	330,000	0	0	0
Property Acquisition	0	0	0	0	0
Construction		2,470,000	1,000,000	0	0
Equipment	0	0	0	0	0
Other					
Total	\$70,000	\$2,800,000	\$1,000,000	\$0	\$0

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Debt	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other: User Fees	9,800	392,000	140,000	0	0
Other: ProRata Fees	60,200	2,408,000	860,000	0	0
Total	\$70,000	\$2,800,000	\$1,000,000	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	(5,000)	(5,150)	(5,305)
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	(\$5,000)	(\$5,150)	(\$5,305)

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
	\$3,400,000	\$470,000	\$0	\$0	\$0

Project 14: Potomac Creek Pump Station/Force Main Upgrades

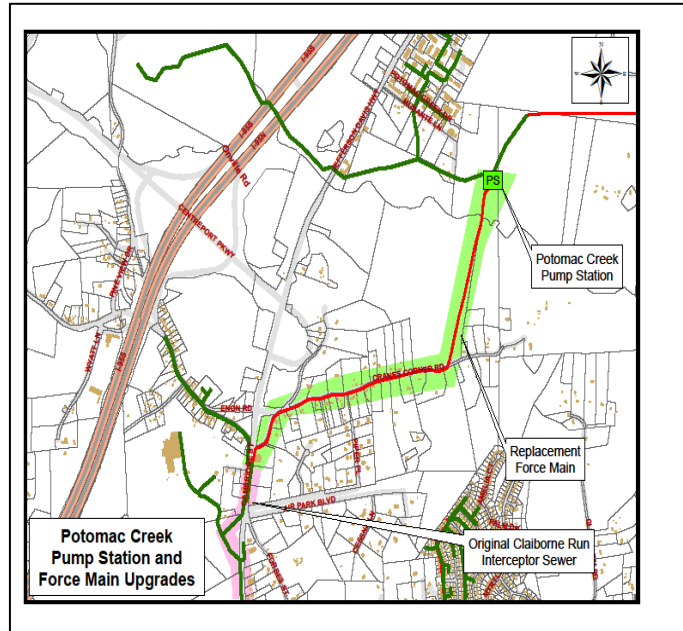
Total Project Cost: \$2,707,000

Est. Opening Date: June 2014

Lead Agency : Utilities

PROGRAM DESCRIPTION

Upgrade or replacement of the existing pumping station with a new 4.34 million gallon per day station, replacement of the existing force main with 16" force main. General sewer improvement projects LFR-129 and LFR-226. Additional wastewater pumping and transmission capacity is necessary to serve the commercial and residential development. The water and Sewer Master Plan recommends increasing the capacity of the existing facilities to handle buildout flows. (Account#: 510-9407-502.82-25)



OPERATING IMPACT SUMMARY

None.

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design	130,000	0	0	0	0
Property Acquisition	0	0	0	0	0
Construction	0	0	261,000	1,716,000	600,000
Equipment	0	0	0	0	0
Other					
Total	\$130,000	\$0	\$261,000	\$1,716,000	\$600,000

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Debt	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other: User Fees	18,200	0	36,540	240,240	84,000
Other: Availability Fees	111,800	0	224,460	1,475,760	516,000
Total	\$130,000	\$0	\$261,000	\$1,716,000	\$600,000

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
	\$130,000	\$0	\$261,000	\$1,716,000	\$600,000

Project 15: Gravity Piping along Austin Run from Whitson Run to Austin Run PS

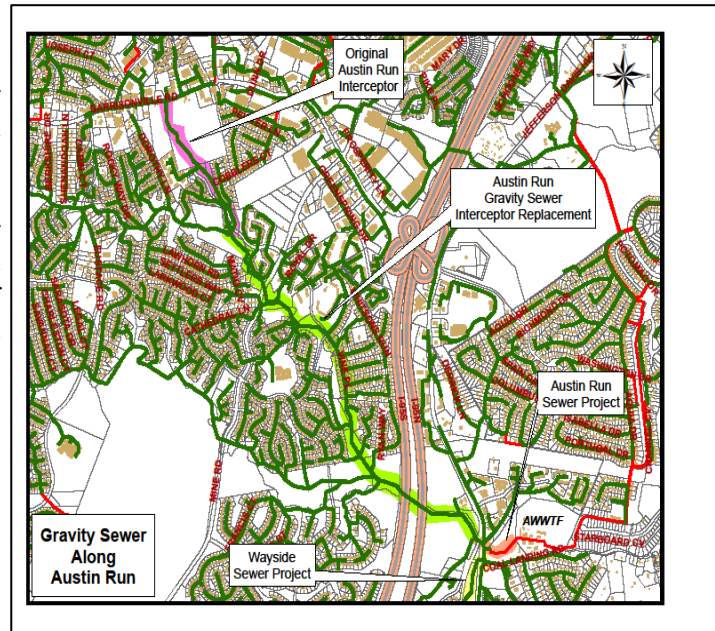
Total Project Cost: \$4,779,000

Est. Opening Date: June 2013

Lead Agency : Utilities

PROGRAM DESCRIPTION

Replace 3,550' of existing asbestos cement sewer pipe with 36" diameter sewer adjacent to Austin Run. General sewer improvement plan project A-18. The Water and Sewer Master Plan recommends replacing this section of aging pipe operating near capacity with new pipe of modern materials and sized for buildout conditions to reduce chances of failure and meet expected commercial and residential demands from the service area along Route 610. (Account# 510-9407-502-82.25)



OPERATING IMPACT SUMMARY

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design			478,000	0	0
Property Acquisition	0	0	0	0	0
Construction			301,000	4,000,000	0
Equipment	0	0	0	0	0
Other					
Total	\$0	\$0	\$779,000	\$4,000,000	\$0

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Debt	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other: User Fees	0	0	109,060	560,000	
Other: ProRata Fees	0	0	669,940	3,440,000	0
Total	\$0	\$0	\$779,000	\$4,000,000	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
	\$4,779,000	\$0	\$0	\$0	\$0

Project 16: Pump Station Rehabilitation

Total Project Cost: \$3,318,000

Est. Opening Date: Ongoing

Lead Agency : Utilities

PROGRAM DESCRIPTION

The Department of Utilities operates numerous pumping stations over thirty years old. Many of these stations do not meet current standards for operational and control equipment. This can lead to higher operation and maintenance costs and ties up maintenance personnel. It is proposed to systematically upgrade all outdated pumping stations with modern mechanical, electrical and control equipment. Many of our existing stations are well over thirty years old and require equipment replacement upgrades. Furthermore, many stations were not installed to current design standards. (Account#:510-9408-502.81-25)



OPERATING IMPACT SUMMARY

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design		0	0	0	0
Property Acquisition	0	0	0	0	0
Construction	150,000	234,080	174,460	212,520	75,900
Equipment		829,920	618,540	753,480	269,100
Other					
Total	\$150,000	\$1,064,000	\$793,000	\$966,000	\$345,000

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Debt	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other: User Fees	150,000	1,064,000	793,000	966,000	345,000
Total	\$150,000	\$1,064,000	\$793,000	\$966,000	\$345,000

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
	\$1,700,000	\$0	\$307,000	\$966,000	\$345,000

Project 17: Sewer Rehabilitation Program

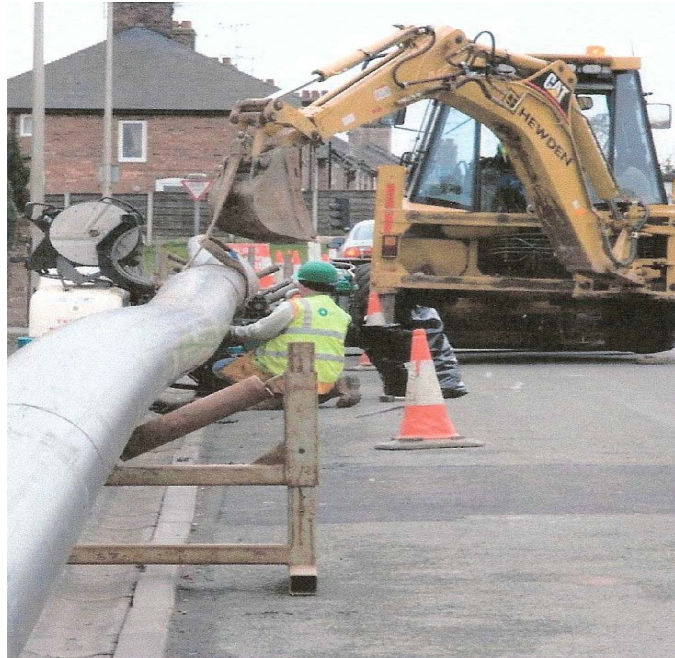
Total Project Cost: \$1,450,000

Est. Opening Date: Various

Lead Agency : Utilities

PROGRAM DESCRIPTION

Replacement and repair of existing sewer collection and force main network. The County established a systematic sewer rehabilitation program to reduce the amount of inflow and infiltration (I/I) that enters into the sewer collection system and to identify and replace deteriorated conditions before catastrophic failure occurs. The subsequent reduction in I/I can reduce treatment problems at the wastewater treatment facilities. (Account#: 510-9408-502.81-27)



OPERATING IMPACT SUMMARY

Some reduction in treatment facility operation and construction costs as well as a reduction in wastewater transmission costs.

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design	0	0	0	0	0
Property Acquisition	0	0	0	0	0
Construction	250,000	500,000	250,000	200,000	250,000
Equipment	0	0	0	0	0
Other					
Total	\$250,000	\$500,000	\$250,000	\$200,000	\$250,000

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Debt	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other: User Fees	250,000	500,000	250,000	200,000	250,000
Total	\$250,000	\$500,000	\$250,000	\$200,000	\$250,000

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
	250,000	500,000	250,000	200,000	250,000

Project 18: Equipment Replacement - Aquia WWTF

Total Project Cost: \$1,153,000

Est. Opening Date: Ongoing

Lead Agency : Utilities

PROGRAM DESCRIPTION

Replace or renovate equipment at the Aquia Wastewater Treatment Facility.



OPERATING IMPACT SUMMARY

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design	0	0	0	0	0
Property Acquisition	0	0	0	0	0
Construction	212,000	150,000	0	791,000	0
Equipment	0	0	0	0	0
Other					
Total	\$212,000	\$150,000	\$0	\$791,000	\$0

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Debt	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other: User Fees	212,000	150,000	0	791,000	0
Total	\$212,000	\$150,000	\$0	\$791,000	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
	\$212,000	\$150,000	\$0	\$791,000	\$0

Project 19: Route 1 North Sewer Line

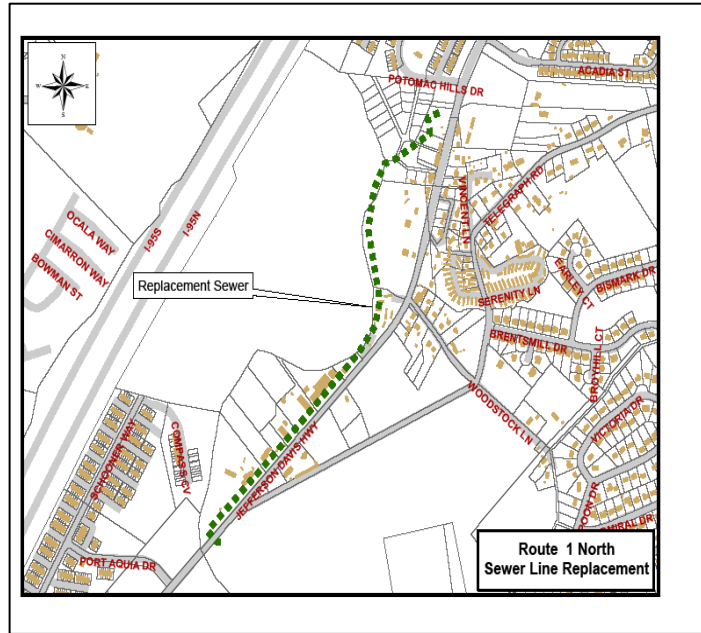
Total Project Cost: \$2,442,000

Est. Opening Date: Ongoing

Lead Agency : Utilities

PROGRAM DESCRIPTION

Replace 5,300' of existing undersized asbestos cement sewer with 18" or larger pipe made of modern materials. The Water and Sewer Master Plan recommends replacing 5,300' of existing undersized sewer to meet projected build out flows from commercial development adjacent to the Quantico Marine Corps Base. Additional flows are anticipated from the Boswells Corner Redevelopment Area.



OPERATING IMPACT SUMMARY

None.

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design	0	0	0	0	0
Property Acquisition	0	0	0	0	0
Construction	667,000	1,775,000	0	0	0
Equipment	0	0	0	0	0
Other					
Total	\$667,000	\$1,775,000	\$0	\$0	\$0

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Debt	0	0	0	0	0
State/Federal	0	0	0	0	0
Other: ProRata Fees	573,620	1,526,500	0	0	0
Other: User Fees	93,380	248,500	0	0	0
Total	\$667,000	\$1,775,000	\$0	\$0	\$0

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
	\$667,000	\$1,775,000	\$0	\$0	\$0

**Department of Utilities
County of Stafford, Virginia
Adopted Capital Improvement Program FY2011-2014**

Projects	FY2010 & PY Funding	FY2011	FY2012	FY2013	FY2014	Total CIP (FY11-14)	Total Project Cost
Both Water & Sewer							
1. Equipment Replacement	202,000	400,000	192,000	65,000	650,000	1,307,000	1,509,000
Total Other Projects: (Budget Needs)	\$ 202,000	\$ 400,000	\$ 192,000	\$ 65,000	\$ 650,000	\$ 1,307,000	\$ 1,509,000
Total Other Projects: (Cash Needs)	\$ 202,000	\$ 400,000	\$ 192,000	\$ 65,000	\$ 650,000	\$ 1,307,000	\$ 1,509,000

Project 1: Equipment Replacement

Total Project Cost: \$1,509,000

Est. Opening Date: Ongoing

Lead Agency : Utilities

PROGRAM DESCRIPTION

Motor vehicle and major equipment replacement account. The Utilities Department has over sixty-five vehicles and major pieces of equipment. The estimated cost to replace this equipment is well over a million dollars, and most of this equipment will need replacing in the next six years. (Account #: 510-9408-503.81-05)



OPERATING IMPACT SUMMARY

None.

PROJECT COSTS

Cost Categories	FY10 & PY	FY11	FY12	FY13	FY14
Planning/Design	0	0	0	0	0
Property Acquisition	0	0	0	0	0
Construction	0	0	0	0	0
Equipment	202,000	400,000	192,000	65,000	650,000
Other					
Total	\$202,000	\$400,000	\$192,000	\$65,000	\$650,000

Funding Sources	FY10 & PY	FY11	FY12	FY13	FY14
Current Revenue	0	0	0	0	0
Bonds	0	0	0	0	0
Debt	0	0	0	0	0
State/Federal	0	0	0	0	0
Proffers	0	0	0	0	0
Other: User Fees	202,000	400,000	192,000	65,000	650,000
Total	\$202,000	\$400,000	\$192,000	\$65,000	\$650,000

Operating Impacts	FY11	FY12	FY13	FY14
Personnel	0	0	0	0
Operating	0	0	0	0
Debt Service				
Revenue/Savings	0	0	0	0
Total	\$0	\$0	\$0	\$0

Year Budgeted	FY10 & PY	FY11	FY12	FY13	FY14
	\$202,000	\$400,000	\$192,000	\$65,000	\$650,000