

Capital Improvement Plan

Introduction

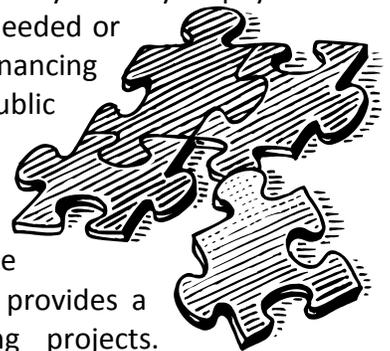
The Capital Improvement Plan (CIP) is a planning tool for development, modernization and/or replacement of County infrastructure, ensuring the County is able to maintain an effective level of services for citizens now and into the future. Each year the CIP is reviewed, priorities are reassessed, and the affordability of capital projects is gauged. The costs of the projects in the first year of the CIP become the budgets for the Capital Projects Fund, School Capital Projects Fund and Utilities Capital Projects Fund in the Financial Summaries section of this document. The remaining years of the CIP provide an estimated cost of the proposed projects and reflect their anticipated funding sources. The CIP is not an absolute; it may need to be revised and changed according to conditions and requirements of the community.

As Spotsylvania County maintains its facilities and other capital resources, we will continue to face additional capital needs along with increasing operational costs. Funding for capital projects may come from operating revenues or, as is often the case, from the sale of bonds or through other financing mechanisms. The County's fiscal policies require that all new facility construction projects or acquisitions that exceed available budgeted funds be subject to voter referendum approval, unless financed through a revenue supported mechanism.

Benefits of a Capital Improvement Plan

A long term CIP has many obvious benefits that are derived from a systematic approach of planning and financing of public projects. Some of the more important benefits derived from this process include the following:

- **Assist in the Implementation of the Comprehensive Plan** - A primary function of the CIP is to serve as a mechanism for implementation of the Comprehensive Plan. By outlining the facilities needed to serve the population and land uses called for in the Comprehensive Plan and by scheduling them over a period of time, the CIP guides the public construction program for the development of our County.
- **Focus Attention on Community Goals and Needs** – Capital projects can be brought into line with community objectives, anticipated growth and the County's ability to pay for such projects. By planning ahead for those projects that are needed or desired the most, we can begin planning ahead for the financing associated with them as well. The CIP also keeps the public informed of the County's future capital investment plans and provides a process for adopting construction priorities.
- **Encourages More Efficient Government Administration** – The CIP promotes coordination among government agencies and provides a check for potential overlapping, duplicated or conflicting projects.



Coordination of the CIP by County agencies can reduce scheduling problems and provide effective utilization of available personnel and equipment. The plan also guides the Board of Supervisors in making sound annual budget decisions consistent with approved Fiscal Policy Guidelines.

- **Fosters a Sound and Stable Financial Program** – Through the CIP, required bond issues or the need for other financing mechanisms can be foreseen and action taken before the need becomes so critical as to require more expensive financing measures and/or difficult borrowing/loan situations. In addition, sharp changes in the tax rate will be avoided and intergenerational equity will be promoted by staggering projects and paying the related debt over a period of time less than or equal to the useful life of the projects.

Operating Expenditure versus Capital Expenditures

Cost, life expectancy, and frequency of expenditures are the primary criteria used to classify a project as an operating expenditure or a capital expenditure.

- **Cost** – Generally, a project is considered capital if the cost is \$50,000 or more.
- **Life Expectancy** – Capital projects have expected useful lifecycles of five years or more.
- **Frequency** – A capital project should be nonrecurring. The Government Finance Officers' Association recommends that a capital project should occur no more often than every three years.

Financing Methods

A range of financing methods exists. Some methods commonly used by the County are:

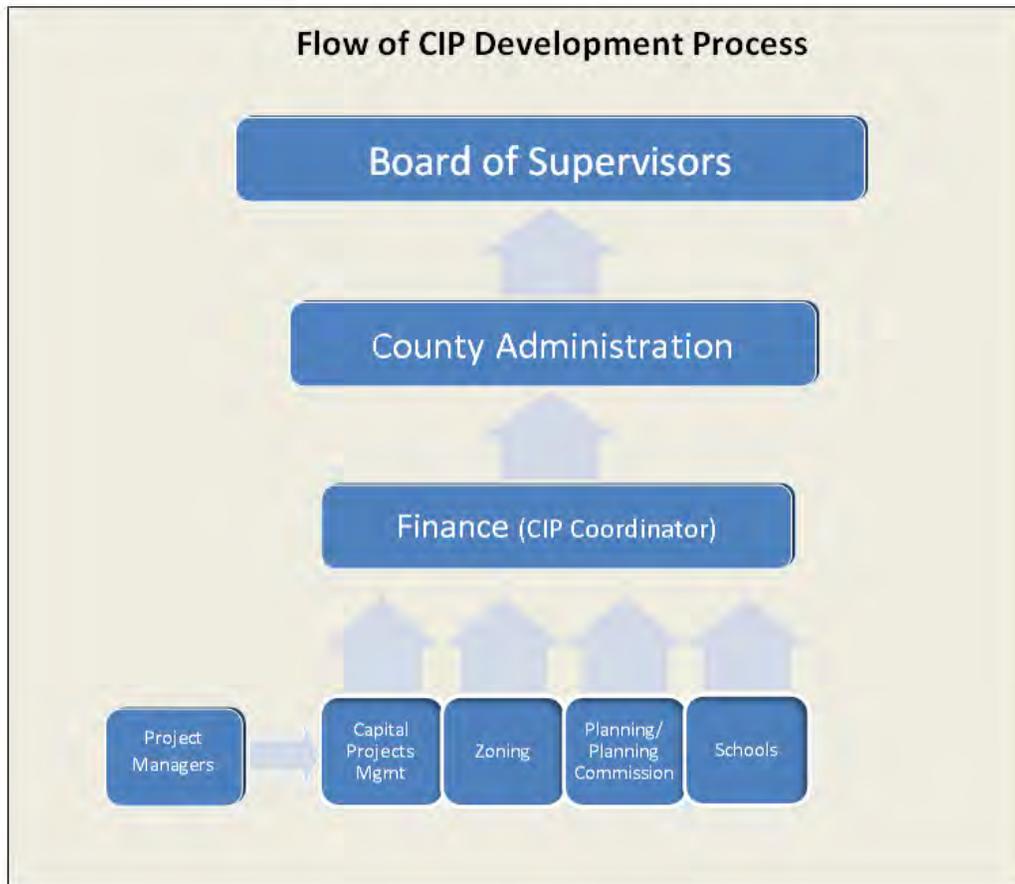
- **Current Revenue Financing** – Current revenue financing is often referred to as “pay as you go” financing. It is a fiscally conservative method of paying for capital improvements out of current taxes, fees, charges or special assessments. The County’s adopted Fiscal Policy Guidelines address this approach by transferring an annual percentage of General Fund Revenues to the Capital Projects Fund. The guidelines establish a goal of 5% annually (with a minimum level of 3%). In an effort to achieve this goal the Recommended Budget includes a FY 2015 transfer of 2.75% of General Fund Revenues. Future annual transfers will increase by an additional one-quarter percent annually until the goal is met.
- **Reserve Funds** – Reserve funds are a variation of “pay as you go” financing. Funds are accumulated in advance for the purchase or construction of capital items. Reserve funds may come from a number of sources such as unexpected surplus in the general fund, money specifically earmarked for future capital needs, or the selling of capital assets. At the close of FY 2014 and before reserving the use planned in the FY 2015 Budget, the County’s General Fund balance is expected to exceed the 10% Fiscal

Stability Reserve policy guideline by 0.9 percentage points. The FY 2015 – FY 2019 Capital Improvement Plan assumes a transfer of \$2.0 million from the General Fund balance to the Capital Projects Fund for a reserve for fire equipment in FY 2015.

- **General Obligation Bonds** – These long-term bonds are backed by the full faith and credit of our local government. Principal and interest is paid from the General Fund using annually budgeted current revenues. General Obligation bonds are issued for specific capital improvements, which have useful life expectancies similar in length to the repayment schedule of the bonds issued for the projects.
- **Revenue Bonds** (i.e. lease-purchase) – This type of bond is issued to pay for revenue producing project facilities such as convention centers, parking decks, golf courses, parking facilities and utilities. Revenue bonds are a form of user charge because the debt is paid from revenues of the particular enterprise (i.e. parking fees, water/sewer user fees, etc.) rather than from regular taxation.
- **Special Assessments** – This method of financing is commonly applied to public works improvements that provide benefits to specific property owners but may not to others. For example, street, drainage or utility projects which benefit a particular area.
- **State and Federal Aid** – Typically, State and Federal funds apply primarily to transportation capital projects.
- **Other** – Other financing methods used include the joint financing between the County and other localities, interest earnings on previously issued bonds, donations and concession revenues, and transfers from other funds.

CIP Development Process

As shown below, the CIP is a collaborative process among a number of departments within the County.



Initially, the respective project manager submits a project request form and a project evaluation criteria form for each proposed project. Construction requests are reviewed by Capital Projects Management staff and non-construction projects are reviewed by Finance staff. Construction projects are then submitted to the Planning Department for review and discussion with the Planning Commission to ensure that all projects are in compliance with the County’s Comprehensive Plan. The project submission forms are reviewed by several staff members and assigned a prioritization rating. The Finance Department serves as the coordinator of the CIP development process and works with County Administration to review, critique, and place each project in the appropriate year within the recommended CIP, ensuring that the CIP is affordable within the County’s approved Fiscal Policy Guidelines. The CIP is recommended to the Board of Supervisors along with the annual Recommended Budget. Following the presentation of the Recommended Budget and CIP, the Board holds work sessions in March and April to discuss the Recommended CIP. A public hearing is held in March or April and the CIP is typically approved in April.

FY 2015 – FY 2019 CIP Development Calendar

October 18, 2013	CIP development kick-off
November 8, 2013	Project managers submit project requests/revisions to Finance Department
November 26, 2013	Schools submit Schools' CIP to Finance
November – December 2013	County Administrator and staff review and prioritize CIP requests
January 2014	Planning Department reviews draft CIP to ensure projects conform with Comprehensive Plan
February 5, 2014	Planning Commission reviews potential projects within the CIP for conformance with Comprehensive Plan
February 11, 2014	Presentation of County Administrator's FY 2015 Recommended Budget and CIP to Board of Supervisors
March 18, 2014	Board of Supervisors work session to discuss Recommended Budget and CIP
April 3, 2014	Tax Rate, Budget and CIP Public Hearings
April 8, 2014	Board of Supervisors work session to discuss Recommended Budget and CIP
April 10, 2014	Board of Supervisors to give general approval to FY 2015 – FY 2019 CIP
April 15, 2014	Adopt FY 2015 – FY 2019 CIP

Financial Analysis

The financial condition and debt capacity of the County is a primary consideration when developing the CIP. Credit ratings reflect a locality's financial condition, management expertise, and the locality's proven ability to implement strategies that maintain long-term credit strength. As such, balancing project needs with projections of available resources to pay for those needs is paramount. Although there is no legal limit in Virginia on the level of general obligation debt issued by counties, Spotsylvania's financial policies include the following debt guidelines:

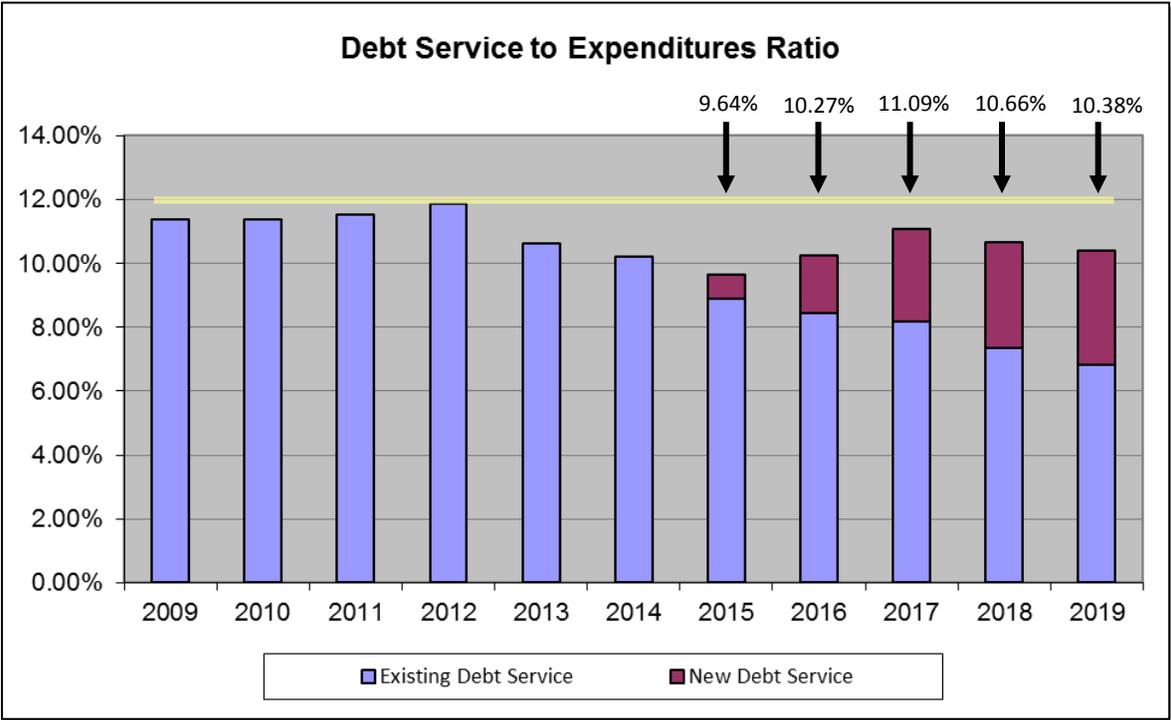
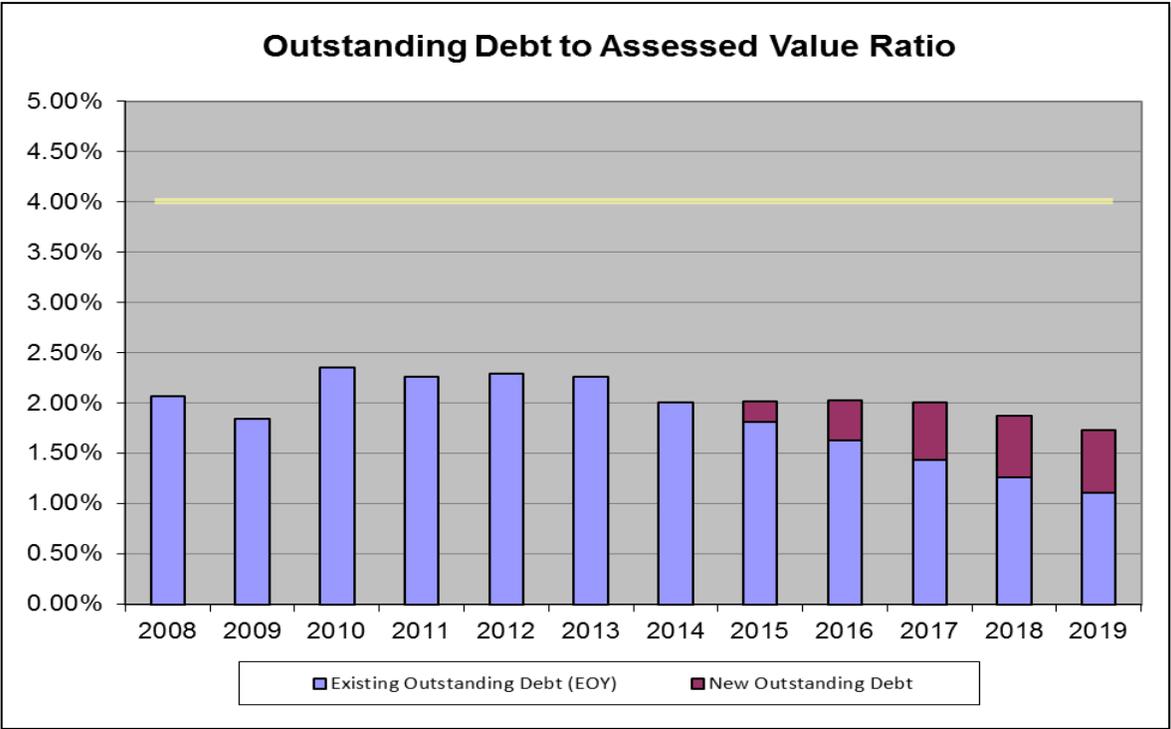
- Net debt as a percentage of estimated market value taxable should not exceed 3% - 4%
- The ratio of debt service expenditures as a percent of governmental fund expenditures should not exceed 10% - 12%
- The County intends to maintain its 10 year tax-supported debt and lease payout ratio at or above 60% at the end of each adopted CIP. The payout ratio shall be no less than 55% in any one year during that period.

As staff prepared the CIP financial analysis to assess the ratios noted above, the following **assumptions** were in place:

CIP Assumptions:

- Bonds are sold on an annual basis.
 - The structure of all bond sales is level principal.
 - Long-term bonds are structured with 20-year terms.
 - Short-term bonds are structured with 12-year terms for buses and fire apparatus and with 7-year terms for rescue apparatus and technology items.
 - The growth rates for revenues and expenditures are consistent with those reflected in the Budget Plus Five financial model, and assume an equalized real estate tax rate each year.
 - The interest rate paid on borrowed funds is fixed at 4.25% for the Summer 2014 issuance and is fixed at 5.5% for each issuance thereafter.
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The graphs on the following page indicate that the FY 2015 – FY 2019 Recommended CIP is in compliance with the Board's adopted fiscal policy guidelines. The yellow horizontal lines represent the upper limit of the fiscal policy guidelines for each debt ratio.



The payout ratio is an assessment of the speed at which the County repays its debt. For example, at the beginning of FY 2015, including the financings to be issued in Summer 2014, total general debt outstanding is estimated at \$300.2 million. At the end of FY 2024 – ten fiscal years beyond FY 2015 – the County will have repaid \$208.4 million (69.42%) of the debt outstanding at the beginning of FY 2015.

10-Yr Payout Ratio (must be > 55%)	
FY	Payout Ratio
FY 2015	69.42%
FY 2016	72.10%
FY 2017	75.46%
FY 2018	79.59%
FY 2019	81.79%

Also related to the CIP is a fiscal policy which states the County’s goal of budgeting pay-as-you-go funding for capital projects equal to 5% of General Fund revenues (excluding obligated transfers), with a minimum of 3%. Beginning in FY 2008, the County established the transfer from the General Fund to the Capital Projects Funds at 1%, with an additional 0.25% to be added each year thereafter. In FY 2015, the transfer from the General Fund to the Capital Projects Fund is budgeted at \$6.3 million, or 2.75% of General Fund revenues. Additionally, \$2.0 million is transferred from the General Fund balance to the Capital Projects Fund to fund a fire equipment reserve in FY 2015.

Operating Impact

The table below shows the potential impact that implementation of the FY 2015 – FY 2019 CIP could have on the tax rate. This table reflects all General Government, Transportation and Schools capital projects within the five-year planning period. The analysis assumes the 2014 equalized real estate tax rate of \$0.87 per \$100 of assessed value is equalized in the out-years, as well. The “Additional D.S. Budget Needed” column represents the debt service that is over and above the debt service budgeted in FY 2015. The “Incremental Tax Rate Impact” shows the tax rate increase necessary each year to fund the Recommended CIP.

FY 2015 – FY 2019 CIP’s Potential Impact on Tax Rate									
FY	Value of \$0.01	Debt Service Impact			Operational Impact			Total Estimated Impact	
		Add'l D.S Budget Needed	Estimated Tax Rate Impact	Incremental Tax Rate Impact	Add'l Operational Budget Needed	Estimated Tax Rate Impact	Incremental Tax Rate Impact	Estimated Tax Rate Impact	Incremental Tax Rate Impact
2015	1,212,137	\$0	\$0.000	\$0.000	\$0	\$0.000	\$0.000	\$0.000	\$0.000
2016	1,233,372	2,954,808	0.024	0.024	124,280	0.001	0.001	0.025	0.025
2017	1,258,040	6,721,799	0.053	0.029	269,622	0.002	0.001	0.056	0.030
2018	1,286,377	5,868,419	0.046	-0.008	356,538	0.003	0.001	0.048	-0.007
2019	1,318,536	5,581,839	0.042	-0.003	457,180	0.003	0.000	0.046	-0.003
				\$0.042				\$0.003	\$0.045

Given the projected CIP expenditures for the next five years, revenues will need to increase by the equivalent of 5.5 cents on the real property tax rate by FY 2017 to pay the costs of added debt service and operating costs, with the rate then dropping by the equivalent of a penny by FY 2019 due to the payoff of existing debt service. Over the five year period, 93% of the added costs are associated with debt service while the remaining 7% is associated with on-going operating costs related to the projects. Debt service and annual operating costs related to the

CIP have been factored into the five-year financial forecast which begins on page 103. Additionally, estimated annual operating costs including the debt service associated with each project are displayed in the project summary section beginning on page 139.

FY 2015 Capital Projects

The capital projects budgets for FY 2015 total \$31.2 million and include the County’s Capital Projects Fund, the Utilities Capital Projects Fund, and the Schools’ Capital Projects Fund. It is anticipated that bonds and other financing mechanisms will be issued in the Summer of 2014 to fund certain County and Schools capital projects in FY 2015. Due to the close proximity of time between budget approval and the start of school capital projects, the debt proceeds and project expenditures are included in the budget for the Schools Capital Projects Funds. However, neither debt proceeds nor project expenditures associated with the financings for the County capital projects and utilities capital projects are included in the FY 2015 Recommended Budget. Upon finalizing the financing of the FY 2015 projects, staff will request that the Board amend the budget to include revenues and expenditures associated with the financed projects. Debt service expenditures associated with the planned financing are included in the FY 2015 General Fund, Transportation Fund, School Operating Fund, and Utilities Operating budgets.

The following lists the capital projects, reserves and transfers, and staffing funds that are recommended for FY 2015:

Project	FY 2015 Project Cost	FY 2015 Budget	To Be Financed
General Government Facilities:			
Judicial Center Renovation	\$634,802	\$5,093	\$629,709
Renovate Former Sheriff’s Office	125,392	125,392	0
Facility Asset Management	1,654,980	1,654,980	0
Animal Shelter Expansion & Options Design	100,000	100,000	0
General Government Facilities Total	\$2,515,174	\$1,885,465	\$629,709
Information Technology:			
Enhance/Replacement Public Radio System	\$5,624,793	\$253,003	\$5,371,790
Computer Aided Dispatch System Replacement	250,000	250,000	0
Enterprise Fiber Network	750,000	750,000	0
UPS Replacements	75,000	75,000	0
Replacement Computers & Servers	492,000	492,000	0
Information Technology Total	\$7,191,793	\$1,820,003	\$5,371,790
Solid Waste:			
Convenience Center Paving	\$130,000	\$130,000	\$0
Convert Post Oak to At-Grade Compactor	100,000	100,000	0
Marshall Park Convenience Center Improvements	50,000	50,000	0
Livingston Landfill Development	79,200	79,200	0
Add’l Compactor – Chancellor	50,000	50,000	0
Chancellor Leachate Lagoon Replacement	50,000	50,000	0
Livingston Landfill Green Waste Composting	30,000	30,000	0
Refuse Disposal Equipment Replacement	\$500,000	\$500,000	0
Refuse Collection Equipment Replacement	175,000	175,000	0
Solid Waste Total	\$1,164,200	\$1,164,200	\$0

Project	FY 2015 Project Cost	FY 2015 Budget	To Be Financed
Parks & Recreation:			
Repaving at Legion Field	\$238,000	\$238,000	\$0
Parks & Recreation Total	\$238,000	\$238,000	\$0
Fire/Rescue:			
Replacement Fire Equipment	\$1,212,750	\$0	\$1,212,750
Replacement EMS Equipment	385,876	385,876	0
Reserve for Fire Equipment	2,000,000	2,000,000	0
CPR Delivery Devices	13,100	13,100	0
Replacement SCBA	1,649,690	1,649,690	0
Fire/Rescue Total	\$5,261,416	\$4,048,666	\$1,212,750
Transportation:			
Mine/Falcon/Spotsylvania Intersection Improvements	\$695,884	\$0	\$695,884
Jones Powell Hill Improvement	575,050	16,390	558,660
Unpaved Roads	1,288,800	0	1,288,800
Hickory Ridge/Rt 1 Intersection Improvements	800,000	15,000	785,000
Signal Installation at Balls Bluff	265,000	150,000	115,000
Study & Preliminary Engineering for Widening of Morris Road	500,000	250,000	250,000
Improvements to Exits 118 & 126	10,000,000	0	10,000,000
Transportation Total	\$14,124,734	\$431,390	\$13,693,344
Schools:			
New/Replacement Buses	\$1,337,958	\$0	\$1,337,958
Capital Maintenance	4,860,383	74,316	4,786,067
Technology Replacements/Upgrades	1,488,120	0	1,488,120
Schools Total	\$7,686,461	\$74,316	\$7,612,145
Utilities:			
Utility Lab/Office Expansion	\$1,500,000	\$1,500,000	\$0
Security Improvements	100,000	100,000	0
Telemetry/SCADA	200,000	200,000	0
Manhole Rehabilitation Program	50,000	0	0
System Improvement Opportunities	100,000	100,000	0
Motts Filter Improvements	300,000	300,000	0
Morris Road Waterline Relocation	400,000	400,000	0
Ni River Water Treatment Plant Improvements	5,000,000	2,116,666	2,883,334
Tank Maintenance	370,000	370,000	0
Falcon Drive Extension	200,000	200,000	0
12" Waterline – Violet Drive	300,000	300,000	0
Water Meter Replacement Program	300,000	300,000	0
Brock Road 12" Waterline	200,000	200,000	0
Mudd Tavern East Betterment	120,000	120,000	0
Harrison Road/Rt 1 Betterment	300,000	300,000	0
Calhoun/Kilarney Waterline Connection	200,000	200,000	0
Phase II – I-95 to Woodland Drive	800,000	800,000	0
Old Greenwich Sewer Replacement	500,000	500,000	0
Sheraton Hills Rehabilitation	1,000,000	1,000,000	0

Project	FY 2015 Project Cost	FY 2015 Budget	To Be Financed
Utilities (continued):			
Wastewater Collection Extensions	100,000	100,000	0
Thornburg Wastewater Transmission Improvements	700,000	700,000	0
FMC Infrastructure Improvements	1,650,000	1,650,000	0
Pump Station 24	200,000	200,000	0
Biosolids Handling	75,000	75,000	0
Replacement Equipment – Field Services	345,000	345,000	0
Replacement Equipment – Composting	965,000	965,000	0
Utilities Total	\$15,975,000	\$13,091,666	\$2,883,334
Other:			
Capital Projects Management (personnel & op.)	\$339,327	\$339,327	\$0
Transfer to General Fund	281,302	281,302	0
Transfer to Utilities Operating Fund	17,266	17,266	0
Transfer to Transportation Fund	177,188	177,188	0
Other Total*	\$815,083	\$815,083	\$0
Total FY 2015 Capital Projects Funds	\$54,971,861	\$23,568,789	\$31,403,072
FY 2015 Capital Budget Including Schools' Financed Projects		\$31,180,934	

*Items in "Other" category are excluded from the reports on pages 127 – 138.

Out-year Impacts of Approved Developments

Although not shown in the CIP, previously approved residential developments that have not yet been constructed or fully built out are expected to impact future years of the CIP. A summary of the Planning Department's analysis of future impacts on school capacity and Fire/Rescue call volumes is shown below. The analysis indicates:

- At a full capacity of 2,500 calls per station, Company 4 and Company 6 currently exceed capacity. With the expected new development, Company 1 and Company 4 are projected to respond to an additional 1,095 calls. A new station – Company 11 – is soon to be constructed to relieve some of the call volume at Company 1 and Company 4. Once the approved development is build-out and Company 11 is operating, capacity will be available at all stations except Company 6.
- Currently, all 17 schools that are expected to be impacted as the previously approved residential developments are built-out have student capacity available. Upon build-out of the developments, seven of the schools are expected to be over capacity. However, County-wide approximately 1,400 elementary school seats are expected to be available; only approximately 40 middle school seats would be available; and approximately 200 high school seats would be available.

Approved Development Inputs:

Development	Units Approved but Unbuilt	Future Students/Calls	Impacted Schools & F/R Stations			
			Elem.	Middle	High	F/R Station
Lee's Parke	721 + 284AR	412 / 313	Parkside	Spotsylvania	Courtland	1/4/8
Summerfield	127	74 / 36	Spotswood	Battlefield	Chancellor	4
Lafayette Crossing	39	23 / 9	Spotswood	Battlefield	Massaponax	4
Mallard Landing	150	87 / 36	Cedar Forest	Freedom	Massaponax	4
Spring Arbor	63AR	0 / 17	n/a	n/a	n/a	6
Cosner East	340	62 / 58	Riverview	Freedom	Massaponax	4
Ni Village	937	237 / 170	Riverview	Spotsylvania	Massaponax	8
Keswick	480 + 184AR	183 / 146	R.E. Lee	Spotsylvania	Spotsylvania	1
Estates at Terry's Run	10	6 / 3	Livingston	Post Oak	Spotsylvania	9
Brooks	4	3 / 1	Cedar Forest	Freedom	Massaponax	4
Lakeside	100	59 / 24	Spotswood	Battlefield	Massaponax	4
Crossroads Station	610	112 / 103	Cedar Forest	Freedom	Massaponax	4
New Post	425	243 / 126	Cedar Forest	Freedom	Massaponax	4
Courthouse Village	1,500 + 50AR	510 / 340	R.E. Lee / Courtland	Spotsylvania	Courtland	1
Fortune's Landing	49	28 / 15	Wilderness	Ni River	Spotsylvania	1/5
Total	6,073	2,039 / 1,397				

AR = age restricted units

Approved Development Impacts:

School	Capacity	2013 Enrollment	Anticipated New Students	Enroll. with New Students	Seats Avail w/New Students
Elementary					
Cedar Forest	936	772	219	991	-55
Courtland	789	564	133	697	92
Livingston	504	449	3	452	52
Parkside	936	727	186	913	23
Riverview	907	713	155	868	39
Robert E. Lee	585	503	205	708	-123
Spotswood	641	538	78	616	25
Wilderness	936	762	13	775	161
Countywide Elementary	13,233	10,876	991	11,867	1,366
Middle					
Battlefield	807	799	34	833	-26
Freedom	948	883	112	995	-47
Ni River	774	715	6	721	53
Post Oak	948	783	1	784	164
Spotsylvania	907	805	299	1,104	-197
Countywide Middle	6,031	5,535	454	5,989	42

School	Capacity	2013 Enrollment	Anticipated New Students	Enroll. with New Students	Seats Avail w/New Students
High					
Chancellor	1,427	1,344	22	1,366	61
Courtland	1,265	1,193	280	1,473	-208
Massaponax	1,830	1,829	228	2,057	-227
Spotsylvania	1,611	1,124	64	1,188	423
Countywide High	8,218	7,419	593	8,012	206

Station	Capacity	2012 Call Volume	Anticipated New Calls	Total with New Calls	Capacity Available
1	2,500	1,592	598	2,190	310
4	2,500	3,957	497	4,454	-1,954
5	2,500	1,197	8	1,205	1,295
6	2,500	3,155	17	3,172	-672
8	2,500	980	274	1,254	1,246
9	2,500	412	3	415	2,085

With nearly 1,400 seats available countywide, there appears to be adequate elementary school capacity available should these projections become reality. However, measures will need to be taken to alleviate the expected crowding in certain elementary schools. Further, outside of the current five-year CIP planning period, the Schools are projecting the need for and construction of two new elementary schools to be completed in the fall of 2021.

The analysis shows that there will be much less flexibility at the middle and high schools – only 42 and 206 seats available, respectively. Outside of the current five-year CIP planning period, the Schools are projecting the need for and construction of a four classroom addition at both Thornburg Middle School and Ni River Middle School. The construction of these additions and the two new elementary schools is expected to cost \$57 million and will have a significant impact in operating costs, both in terms of debt service and the staff to fill the schools.

Capital Projects Fund Program Staffing

Department/Position	FY 2013	FY 2014	FY 2015
Capital Projects Management			
Capital Construction Engineer	1	1	1
Facilities Project Manager	1	1	1
Office Assistant	1	1	1
TOTAL FTEs	3	3	3
TOTAL FTEs Capital Projects			
	3	3	3



FY 2015 – FY 2019 CIP Summary

The map, table, and spreadsheets on the following pages summarize the projects included in the FY 2015 – FY 2019 CIP. The map on page 124 shows the general location of each of the projects in the approved CIP other than technology and equipment purchases. The table on pages 125 - 126 accompanies the map and is a listing of approved CIP projects by project type and voting district. Finally, the spreadsheets on pages 128 – 138 show the anticipated funding by fiscal year for each project. Funding sources are identified on pages 128 – 138 by the following codes:

Code	Description
B	Approved bonds
C	Cash
CR	Concession revenues
D	Donations
FRED	Fredericksburg share of certain Utilities projects
IE	Interest earnings
L	Lease-purchase financing
LS	Lease-purchase financing - Schools
OJ	Other jurisdictions
P	Proffer
S	State/Federal government
T	Transfer from Transportation Fund
U	Transfer from Utilities Fund

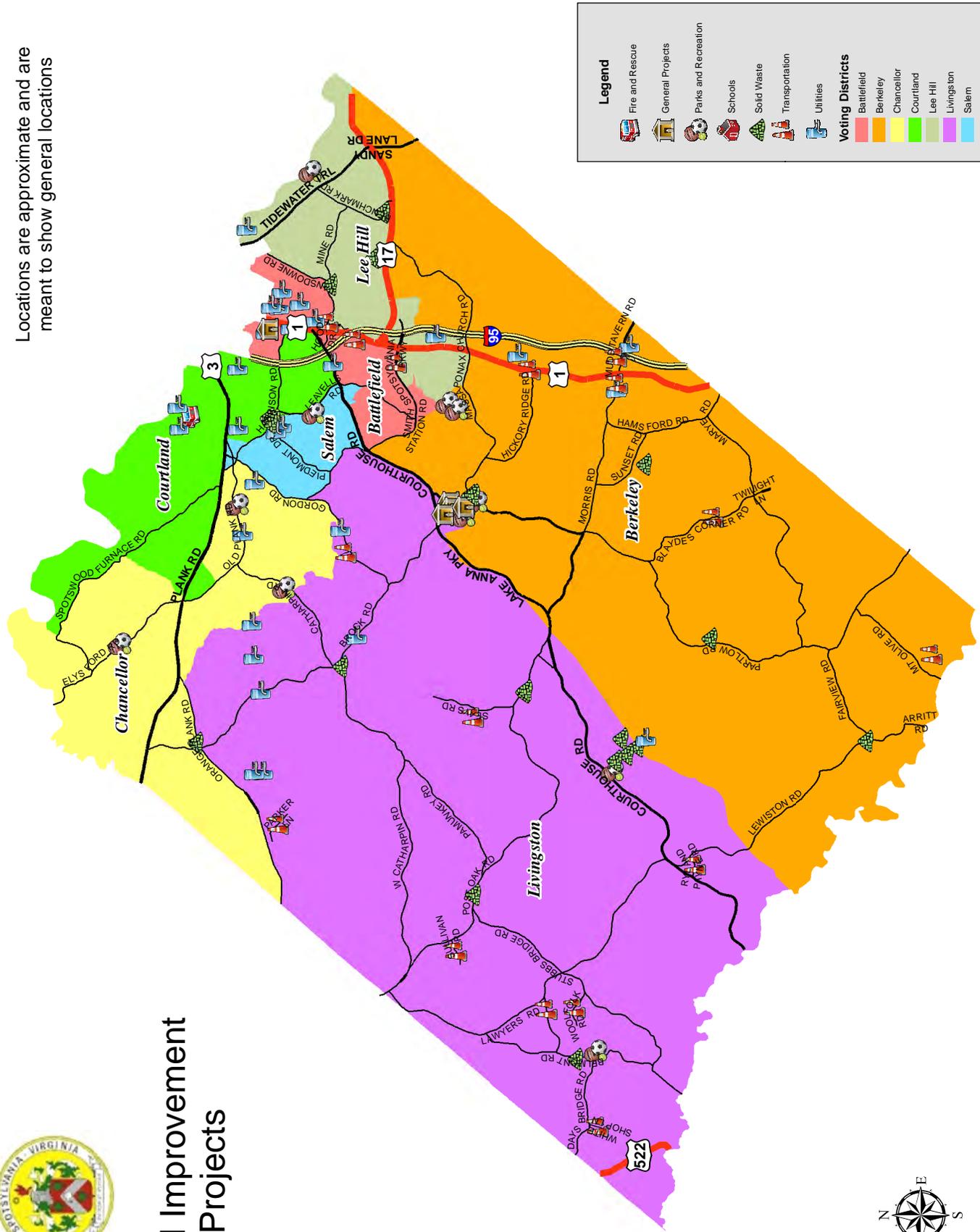
Project Descriptions

Descriptions of each of the projects and the costs of those projects within the FY 2015 - FY 2019 CIP may be found beginning on page 139.



Capital Improvement Projects

Locations are approximate and are meant to show general locations



District/Project Type/Project

District/Project Type/Project

Battlefield:

-  Utilities Complex Expansion
-  Mine/Falcon/Spotsylvania Ave. Intersection Improvements (also Lee Hill)
-  Harrison Rd./Rt 1 Waterline Improvements (also Courtland)
-  Thornburg Wastewater Transmission Improvements (also Berkeley, Lee Hill)
-  Elimination of Pump Stations 3 & 6
-  Falcon Drive Waterline Extension
-  Old Greenwich Sewer Replacement and 2" Waterline Upgrade
-  Spotswood 2" Waterline Upgrade
-  Lafayette Crossing Pump Station Abandonment
-  Interchange Improvements at I-95 Exit 126 (also Lee Hill)
-  Animal Shelter Expansion Options and Design
-  Signal Installation at Balls Bluff (also Lee Hill)

Berkeley:

-  Judicial Center Renovation
-  Renovation of Sheriff's Office
-  Marshall Center Auditorium Upgrades
-  Marshall Park Upgrades
-  Repaving at Legion Field complex
-  Paving of Twilight Lane/Blaydes Corner
-  Paving of Wigglesworth Road

-  Thornburg Wastewater Transmission Improvements (also Battlefield, Lee Hill)
-  Thornburg Water Transmission Improvements
-  Installation of Patriot Park Field Lighting
-  Installation of Patriot Park Field Playground
-  Repaving at The Barn Convenience Site
-  Repaving at Cole Hill Creek Convenience Site
-  Repaving at Berkeley Convenience Site
-  Biosolids Handling at Composting Facility
-  Repaving at Marshall Park Convenience Site
-  Hickory Ridge/Rt 1 Intersection Improvements
-  Interchange Improvements at I-95 Exit 118
-  Morris Road Waterline Relocation
-  Rt. 1 / Rt 606 Waterline Improvements
-  Marshall Park Convenience Center Improvements
-  Study and preliminary engineering for widening of Morris Road

Chancellor:

-  Hunting Run, Phase II
-  NI River Park
-  Resurfacing of Tennis Courts (also Lee Hill & Salem)
-  Installation of 12" Waterline - Violet Drive
-  Installation of 16" Waterline - Andora Drive to Sawhill
-  Repaving at Wilderness Convenience Site

Courtland:

-  Regional Fire Training Center
-  Phase II - I-95 to Woodland Drive
-  Motts Run Water Treatment Plant/Filter Improvements
-  Harrison Rd./Rt 1 Waterline Improvements (also Battlefield)
-  Sheraton Hills Sewerline Rehabilitation
-  Rappahannock Raw Water Pump Station Improvements
-  Waverly Village Waterline and Sewerline Rehabilitation
-  Calhoun/Kilamey Waterline Connection
-  Chancellor Leachate Lagoon Replacement
-  Repaving at Chancellor Convenience Site
-  Additional Compactor Bay at Chancellor Convenience Site

Lee Hill:

-  East of I-95 Consolidated Convenience Center
-  Resurfacing of Tennis Courts (also Chancellor & Salem)
-  New Post Water Transmission Facilities
-  Thornburg Wastewater Transmission Improvements (also Battlefield, Berkeley)
-  Mine/Falcon/Spotsylvania Ave. Intersection Improvements (also Battlefield)

-  Repaving at Lee Hill Convenience Site
-  Repaving at Mine Road Convenience Site
-  FMC Sewer Treatment Plant Extension/Upgrade
-  Interchange Improvements at I-95 Exit 126 (also Lee Hill)
-  Signal Installation at Balls Bluff (also Battlefield)

Livingston: Please see next page for Livingston projects.

Salem:

-  Resurfacing of Tennis Courts (also Chancellor & Lee Hill)
-  Piedmont Drive Pump Station 43 and 16 Abandonment

Livingston:

-  Belmont Passive Park
-  Jones Powell Road - Hill Improvements
-  Paving of Woolfolk Road
-  Paving of Sullivan Road
-  Paving of Mastin Lane
-  Paving of Parker Lane
-  Paving of Mallard Point Lane
-  Paving of White Shop Lane
-  NI River Water Treatment Plant Improvements
-  Livingston Community Center
-  Paving of Ryland Payne Road
-  Gas Collection System - Cells 3 & 4
-  Fawn Lake Pump Stations 27 & 58
-  Repaving at Livingston Landfill
-  Repaving at Todds Tavern Convenience Site
-  Repaving at Belmont Convenience Site
-  Repaving at Chewning Park Convenience Site
-  Repaving at Post Oak Convenience Site
-  Conversion of Post Oak Convenience Site to At-Grade Compactor
-  Livingston Landfill Development Plan
-  Livingston Landfill Green Waste Composting
-  Brock Road Waterline
-  Replacement of Pump Station 24
-  Completion and Reconfiguration of Merchants Square Building
-  12" Waterline Replacement

Spotsylvania County, Virginia
FY 2015 - FY 2019 Capital Improvement Plan
Project Summary By Fund

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2015 - FY 2019 Total
General Government Projects:						
General Government and Judicial Facilities	9,706,967	6,999,655	16,773,666	2,839,186	2,614,702	38,934,176
Solid Waste	1,164,200	4,071,000	1,010,500	1,796,500	2,148,000	10,190,200
Parks and Recreation	238,000	1,041,000	935,928	1,021,000	3,545,000	6,780,928
Fire and Rescue Services	5,261,416	4,408,337	2,074,124	4,652,546	2,684,686	19,081,109
General Government Total	16,370,583	16,519,992	20,794,218	10,309,232	10,992,388	74,986,413

Transportation Total	14,124,734	12,379,800	20,000	20,000	20,000	26,564,534
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Schools Total	7,686,461	10,360,855	19,940,313	14,898,284	12,854,134	65,740,047
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Utility Projects:						
General Utility Projects	1,950,000	2,900,000	2,500,000	0	0	7,350,000
Water Projects	7,690,000	7,575,000	10,000,000	7,040,000	12,740,000	45,045,000
Sewer Projects	6,335,000	7,037,500	3,560,000	895,000	100,000	17,927,500
Utilities Total	15,975,000	17,512,500	16,060,000	7,935,000	12,840,000	70,322,500

CIP Total, All Funds	54,156,778	56,773,147	56,814,531	33,162,516	36,706,522	237,613,494
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**SPOTSYLVANIA COUNTY
CAPITAL IMPROVEMENT PLAN
FY 2015 - FY 2019**

GENERAL GOV'T EXPENDITURES

	Total Budget through FY 2014	Funding Source	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total FY 15- FY 19	Costs beyond FY 2019
General Government and Judicial Facilities - Gov't Campus									
Judicial Center Renovation	200,000	B, C, L, IE	\$634,802	\$0	\$8,771,204	\$0	\$0	\$9,406,006	\$1,300,000
Renovate Former Sheriff's Office	-	B, IE	\$125,392	\$1,253,918	\$0	\$0	\$0	\$1,379,310	\$0
Upgrades to Marshall Center	-	L	\$0	\$0	\$0	\$0	\$0	\$0	\$9,732,440
Upgrades to Holbert Building	-	L	\$0	\$0	\$0	\$0	\$0	\$0	\$3,484,906
Completion & Reconfiguration of Merchant Square	321,252	C, L	\$0	\$17,464	\$3,387,160	\$0	\$0	\$3,404,624	\$0
Subtotal - Campus Master Plan	200,000		\$760,194	\$1,271,382	\$12,158,364	\$0	\$0	\$14,189,940	\$14,517,346

Other General Government Facilities

Facility Asset Management Program	on-going	C, U	\$1,654,980	\$1,078,273	\$1,245,302	\$2,039,186	\$1,864,702	\$7,882,443	\$0
Animal Shelter Expansion Options & Design	-	C	\$100,000	\$0	\$0	\$0	\$0	\$100,000	\$0
Subtotal - Other General Gov't Facilities	-		\$1,754,980	\$1,078,273	\$1,245,302	\$2,039,186	\$1,864,702	\$7,982,443	\$0

GENERAL GOV'T EXPENDITURES (continued)

Information Technology

Public Safety System Improvements:

	Total Budget through FY 2014	Funding Source	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total FY 15- FY 19	Costs beyond FY 2019
Enhance/Replace Public Safety Radio System	14,156,883	C, P, IE, L	\$5,624,793	\$0	\$0	\$0	\$0	\$5,624,793	\$0
Computer Aided Dispatch System Replacement	-	C, L	\$250,000	\$2,850,000	\$2,100,000	\$0	\$0	\$5,200,000	\$0
Public Safety Intersection Safety Triggers	-	C, L	\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$1,000,000	\$0

Other System Improvements:

Installation of an Enterprise-wide Fiber Network	776,206	C, L	\$750,000	\$750,000	\$470,000	\$0	\$0	\$1,970,000	\$0
UPS Replacements	75,000	C	\$75,000	\$50,000	\$50,000	\$50,000	\$0	\$225,000	\$0
Parks and Recreation System Upgrade	-	C	\$0	\$150,000	\$0	\$0	\$0	\$150,000	\$0
Replacement Computers and Servers	-	C, L	\$492,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,492,000	\$0
State Income Tax Program Replacement	-	C	\$0	\$100,000	\$0	\$0	\$0	\$100,000	\$0
Subtotal - Information Technology	15,008,089		\$7,191,793	\$4,650,000	\$3,370,000	\$800,000	\$750,000	\$16,761,793	\$0

TOTAL GENERAL GOV'T EXPENDITURES	15,208,089		\$9,706,967	\$6,999,655	\$16,773,666	\$2,839,186	\$2,614,702	\$38,934,176	\$14,517,346
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**SPOTSYLVANIA COUNTY
CAPITAL IMPROVEMENT PLAN
FY 2015 - FY 2019**

GENERAL GOV'T REVENUES

	Total Budget through FY 2014	Funding Source	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total FY 15- FY 19	Costs beyond FY 2019
Cash		C	\$3,388,744	\$1,696,648	\$4,988,137	\$1,876,149	\$2,114,702	\$14,064,380	
Interest Earnings		IE	\$131,829	\$199,608	\$0	\$0	\$0	\$331,437	\$0
Proffers		P	\$56,447	\$0	\$0	\$0	\$0	\$56,447	\$0
Nov 2005 Bond Referenda		B	\$629,709	\$1,054,310	\$0	\$0	\$0	\$1,684,019	\$0
Lease - Purchase		L	\$5,371,790	\$3,850,000	\$11,378,364	\$500,000	\$500,000	\$21,600,154	\$14,517,346
Transfer from Utilities Fund		U	\$128,448	\$199,089	\$407,165	\$463,037	\$0	\$1,197,739	\$0
TOTAL GENERAL GOV'T REVENUES			\$9,706,967	\$6,999,655	\$16,773,666	\$2,839,186	\$2,614,702	\$38,934,176	\$14,517,346

**SPOTSYLVANIA COUNTY
CAPITAL IMPROVEMENT PLAN**

FY 2015 - FY 2019

SOLID WASTE EXPENDITURES

	Total Budget through FY 2014	Funding Source	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total FY 15- FY 19	Costs beyond FY 2019
SOLID WASTE - Construction/Closing of Landfill Cells & Facilities									
East of I-95 Consolidated Solid Waste Convenience Center	-	C	\$0	\$0	\$50,000	\$737,500	\$1,750,000	\$2,537,500	\$0
Active Gas Collection System - Cells 3 & 4	-	C	\$0	\$150,000	\$0	\$0	\$0	\$150,000	\$0
Convenience Center Paving	on-going	C	\$130,000	\$30,000	\$30,000	\$30,000	\$30,000	\$250,000	\$0
Conversion of Post Oak Site to At-Grade Compactor	-	C	\$100,000	\$0	\$0	\$0	\$0	\$100,000	\$0
Marshall Park Convenience Center Improvements	-	C	\$50,000	\$300,000	\$0	\$0	\$0	\$350,000	\$0
Livingston Landfill Development	-	C, L	\$79,200	\$2,011,000	\$90,000	\$229,000	\$143,000	\$2,552,200	\$0
Additional Compactor Bay - Chancellor	-	C	\$50,000	\$300,000	\$0	\$0	\$0	\$350,000	\$0
Chancellor Leachate Lagoon Replacement	-	C	\$50,000	\$0	\$0	\$0	\$0	\$50,000	\$0
Livingston Landfill Green Waste Composting	-	C	\$30,000	\$250,000	\$250,000	\$500,000	\$0	\$1,030,000	
Subtotal - Construction/Closing Cells & Facilities	-		\$489,200	\$3,041,000	\$420,000	\$1,496,500	\$1,923,000	\$7,369,700	\$0

SOLID WASTE - Equipment Replacement

Refuse Disposal Equip Replacement	on-going	C, IE	\$500,000	\$425,000	\$315,500	\$50,000	\$25,000	\$1,315,500	on-going
Refuse Collection Equip Replacement	on-going	C	\$175,000	\$605,000	\$275,000	\$250,000	\$200,000	\$1,505,000	on-going
Subtotal - Solid Waste Equipment Replacement	-		\$675,000	\$1,030,000	\$590,500	\$300,000	\$225,000	\$2,820,500	\$0
TOTAL SOLID WASTE EXPENDITURES	0		\$1,164,200	\$4,071,000	\$1,010,500	\$1,796,500	\$2,148,000	\$10,190,200	\$0

SOLID WASTE REVENUES

	Total Budget through FY 2014	Funding Source	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total FY 15- FY 19	Costs beyond FY 2019
Cash		C	\$1,163,631	\$2,060,000	\$1,010,500	\$1,796,500	\$2,148,000	\$8,178,631	on-going
Interest Earnings		IE	\$569	\$0	\$0	\$0	\$0	\$569	on-going
Lease-Purchase		L	\$0	\$2,011,000	\$0	\$0	\$0	\$2,011,000	on-going
TOTAL SOLID WASTE REVENUES			\$1,164,200	\$4,071,000	\$1,010,500	\$1,796,500	\$2,148,000	\$10,190,200	\$0

**SPOTSYLVANIA COUNTY
CAPITAL IMPROVEMENT PLAN
FY 2015 - FY 2019**

PARKS & RECREATION EXPENDITURES

	Total Budget through FY 2014	Funding Source	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total FY 15- FY 19	Costs beyond FY 2019
<i>PARKS AND RECREATION - Construction & Maintenance of Parks and Park Facilities</i>									
Hunting Run Park, Phase II	75,408	C	\$0	\$0	\$760,928	\$0	\$0	\$760,928	\$0
Belmont Passive Park	52,987	C	\$0	\$0	\$0	\$367,000	\$0	\$367,000	\$0
Livingston Community Center	-	C	\$0	\$0	\$0	\$0	\$525,000	\$525,000	\$0
Marshall Center Auditorium Upgrades	567,248	C, D	\$0	\$0	\$0	\$304,000	\$0	\$304,000	\$0
Marshall Park Upgrades	1,531	C	\$0	\$533,000	\$0	\$0	\$0	\$533,000	\$0
Ni River Park	3,061	C, CR, P	\$0	\$0	\$0	\$350,000	\$3,020,000	\$3,370,000	\$0
Patriot Park Field Lighting	487,236	C, CR, IE	\$0	\$460,000	\$0	\$0	\$0	\$460,000	\$0
Patriot Park Playground	-	C	\$0	\$0	\$175,000	\$0	\$0	\$175,000	\$0
Repaving at Legion Field Complex	-	C	\$238,000	\$0	\$0	\$0	\$0	\$238,000	\$0
Resurfacing of 7 Tennis Courts	-	C	\$0	\$48,000	\$0	\$0	\$0	\$48,000	\$0
TOTAL PARKS & REC EXPENDITURES	1,187,471		\$238,000	\$1,041,000	\$935,928	\$1,021,000	\$3,545,000	\$6,780,928	\$0

PARKS & RECREATION REVENUES

	Total Budget through FY 2014	Funding Source	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total FY 15- FY 19	Costs beyond FY 2019
Cash		C	\$238,000	\$833,400	\$935,928	\$1,000,700	\$3,245,000	\$6,253,028	\$0
Interest Earnings		IE	\$0	\$7,600	\$0	\$0	\$0	\$7,600	\$0
Concession Receipts		CR	\$0	\$200,000	\$0	\$0	\$300,000	\$500,000	\$0
Donations		D	\$0	\$0	\$0	\$5,300	\$0	\$5,300	\$0
Proffers		P	\$0	\$0	\$0	\$15,000	\$0	\$15,000	\$0
TOTAL PARKS & REC REVENUES			\$238,000	\$1,041,000	\$935,928	\$1,021,000	\$3,545,000	\$6,780,928	\$0

**SPOTSYLVANIA COUNTY
CAPITAL IMPROVEMENT PLAN**

FIRE & RESCUE SERVICES EXPENDITURES

FY 2015 - FY 2019

	Total Budget through FY 2014	Funding Source	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total FY 15- FY 19	Costs beyond FY 2019
<i>FIRE/RESCUE SERVICES - Construction Projects</i>									
Regional Fire Training Center - Classrooms and Concrete Apron	-	O, J, C, P	\$0	\$250,000	\$0	\$1,000,000	\$0	\$1,250,000	\$0
Subtotal Fire/Rescue construction	-		\$0	\$250,000	\$0	\$1,000,000	\$0	\$1,250,000	\$0

FIRE/RESCUE SERVICES - Equipment

Replacement Fire Equipment	on-going	C, L	\$1,212,750	\$3,485,082	\$1,370,482	\$3,140,346	\$2,137,052	\$11,345,712	\$0
Replacement EMS Equipment	on-going	C, IE	\$385,876	\$607,755	\$638,142	\$446,700	\$469,034	\$2,547,507	\$0
Reserve for Fire Equipment	-	C	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000	\$0
CPR Delivery Devices	-	C	\$13,100	\$65,500	\$65,500	\$65,500	\$78,600	\$288,200	\$0
Replacement Self Contained Breathing Apparatus	-	C	\$1,649,690	\$0	\$0	\$0	\$0	\$1,649,690	\$0
Subtotal Fire/Rescue equipment	-		\$5,261,416	\$4,158,337	\$2,074,124	\$3,652,546	\$2,684,686	\$17,831,109	\$0

TOTAL FIRE/RESCUE SVCS EXPENDITURES	0		\$5,261,416	\$4,408,337	\$2,074,124	\$4,652,546	\$2,684,686	\$19,081,109	\$0
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FIRE & RESCUE SERVICES REVENUES

	Total Budget through FY 2014	Funding Source	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total FY 15- FY 19	Costs beyond FY 2019
Cash		C	\$4,034,580	\$754,567	\$703,642	\$3,985,879	\$2,684,686	\$12,163,355	\$0
Interest Earnings		IE	\$14,086	\$0	\$0	\$0	\$0	\$14,086	\$0
Proffers		P		\$2,021	\$0	\$0	\$0	\$2,021	\$0
Other Jurisdictions		OJ	\$0	\$166,667	\$0	\$666,667	\$0	\$833,333	\$0
Lease - Purchase		L	\$1,212,750	\$3,485,082	\$1,370,482	\$0	\$0	\$6,068,314	\$0

TOTAL FIRE/RESCUE SVCS REVENUES			\$5,261,416	\$4,408,337	\$2,074,124	\$4,652,546	\$2,684,686	\$19,081,109	\$0
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**SPOTSYLVANIA COUNTY
CAPITAL IMPROVEMENT PLAN
FY 2015 - FY 2019**

TRANSPORTATION EXPENDITURES

	Total Budget through FY 2014	Funding Source	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total FY 15- FY 19	Costs beyond FY 2019
TRANSPORTATION									
Mine/Falcon/Spotsylvania Ave. Intersection Improvements	104,116	B	\$695,884	\$0	\$0	\$0	\$0	\$695,884	\$0
Jones Powell - Hill Improvement	-	B, IE	\$575,050	\$0	\$0	\$0	\$0	\$575,050	\$0
Unpaved Roads (identified "Fair")	1,215,127	B	\$1,288,800	\$1,234,800	\$0	\$0	\$0	\$2,523,600	\$0
Hickory Ridge/RT 1 Intersection	-	B, P	\$800,000	\$1,145,000	\$0	\$0	\$0	\$1,945,000	\$0
Signal Installation at Balls Bluff	-	B, P	\$265,000	\$0	\$0	\$0	\$0	\$265,000	\$0
Study & Preliminary Engineering for Widening of Morris Road		B, S	\$500,000	\$0	\$0	\$0	\$0	\$500,000	\$0
Improvements to Exits 118 and 126		B	\$10,000,000	\$10,000,000	\$0	\$0	\$0	\$20,000,000	\$0
General Engineering Consultant	on-going	T	\$0	\$0	\$20,000	\$20,000	\$20,000	\$60,000	\$0
TOTAL TRANSPORTATION EXPENDITURES	1,319,243		\$14,124,734	\$12,379,800	\$20,000	\$20,000	\$20,000	\$26,564,534	\$0

TRANSPORTATION REVENUES

	Total Budget through FY 2014	Funding Source	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total FY 15- FY 19	Costs beyond FY 2019
Proffers		P	\$165,000	\$0	\$0	\$0	\$0	\$165,000	\$0
Interest Earnings		IE	\$16,390	\$0	\$0	\$0	\$0	\$16,390	\$0
Nov 2005 Transportation Bond Referenda		B	\$13,693,344	\$12,379,800	\$0	\$0	\$0	\$26,073,144	\$0
Reimbursement/aide from State/Federal gov't		S	\$250,000	\$0	\$0	\$0	\$0	\$250,000	\$0
Transfer from Transportation Fund		T	\$0	\$0	\$20,000	\$20,000	\$20,000	\$60,000	\$0
TOTAL TRANSPORTATION REVENUES			\$14,124,734	\$12,379,800	\$20,000	\$20,000	\$20,000	\$26,564,534	\$0

**SPOTSYLVANIA COUNTY
CAPITAL IMPROVEMENT PLAN
FY 2015 - FY 2019**

SCHOOL CAPITAL EXPENDITURES

	Total Budget through FY 2014	Funding Source	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total FY 15- FY 19	Costs beyond FY 2019
SCHOOL CONSTRUCTION CAPITAL PROJECTS									
Elementary #18	-	B	\$0	\$0	\$0	\$0	\$0	\$0	\$27,007,613
Elementary #19	-	B	\$0	\$0	\$0	\$0	\$0	\$0	\$26,028,494
Thornburg Middle School Addition	-	B	\$0	\$0	\$0	\$0	\$0	\$0	\$1,891,611
Ni River Middle School Addition	-	B	\$0	\$0	\$0	\$0	\$0	\$0	\$1,891,611
Subtotal - School Non-Construction	-		\$0	\$0	\$0	\$0	\$0	\$0	\$56,819,329

SCHOOL NON-CONSTRUCTION CAPITAL PROJECTS

Transportation Buses	on-going	B, LS	\$1,337,958	\$3,912,780	\$4,013,753	\$3,876,054	\$3,926,159	\$17,066,704	\$0
Capital Maintenance	on-going	B, LS, P	\$4,860,383	\$5,126,395	\$7,717,800	\$7,282,400	\$7,064,475	\$32,051,453	\$0
Technology Replacements/Upgrades	on-going	B, LS	\$1,488,120	\$1,321,680	\$8,208,760	\$3,739,830	\$1,863,500	\$16,621,890	\$0
Subtotal - School Non-Construction	-		\$7,686,461	\$10,360,855	\$19,940,313	\$14,898,284	\$12,854,134	\$65,740,047	\$0
TOTAL SCHOOL CAPITAL PROJECTS EXPENDITURES	-		\$7,686,461	\$10,360,855	\$19,940,313	\$14,898,284	\$12,854,134	\$65,740,047	\$56,819,329

SCHOOL CAPITAL REVENUES

	Total Budget through FY 2014	Funding Source	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total FY 15- FY 19	Costs beyond FY 2019
Proffers		P	\$74,316	\$57,599	\$0	\$0	\$0	\$131,915	
Nov 2005/2006 School Bond Referenda		B	\$7,612,145	\$10,303,256	\$210,024	\$0	\$0	\$18,125,425	\$56,819,329
Lease-Purchase (Schools)		LS	\$0	\$0	\$19,730,289	\$14,898,284	\$12,854,134	\$47,482,707	\$0
TOTAL SCHOOL CAPITAL PROJECTS REVENUES			\$7,686,461	\$10,360,855	\$19,940,313	\$14,898,284	\$12,854,134	\$65,740,047	\$56,819,329

**SPOTSYLVANIA COUNTY
CAPITAL IMPROVEMENT PLAN**

FY 2015 - FY 2019

UTILITIES CAPITAL EXPENDITURES

	Total Budget through FY 2014	Funding Source	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total FY 15- FY 19	Costs beyond FY 2019
General Utilities Projects									
Utility Lab/Office Expansion	500,000	B, C	\$1,500,000	\$2,500,000	\$2,500,000	\$0	\$0	\$6,500,000	\$0
Security Improvements	781,599	C	\$100,000	\$200,000	\$0	\$0	\$0	\$300,000	\$0
Telemetry/SCADA	467,498	C	\$200,000	\$0	\$0	\$0	\$0	\$200,000	\$0
Manhole Rehabilitation Program	50,000	C	\$50,000	\$0	\$0	\$0	\$0	\$50,000	\$0
System Improvement Opportunities with Developers	1,873,962	C	\$100,000	\$200,000	\$0	\$0	\$0	\$300,000	\$0
SUBTOTAL GENERAL UTILITIES PROJECTS	3,673,059		\$1,950,000	\$2,900,000	\$2,500,000	\$0	\$0	\$7,350,000	\$0

Water Projects

Motts Run Water Treatment Plant Expansion	400,000	B, FRED	\$0	\$1,000,000	\$0	\$5,740,000	\$12,740,000	\$19,480,000	\$0
Motts Filter Improvements	1,000,000	FRED	\$300,000	\$0	\$0	\$0	\$0	\$300,000	\$0
Rt. 1/ Rt. 606 Waterline Improvements	-	C	\$400,000	\$0	\$0	\$0	\$0	\$400,000	\$0
Ni River Water Treatment Plant Improvements	7,898,555	C,B	\$5,000,000	\$2,700,000	\$4,000,000	\$0	\$0	\$11,700,000	\$0
Thornburg Water Transmission Facilities Improvements	2,910,491	B	\$0	\$1,000,000	\$2,600,000	\$600,000	\$0	\$4,200,000	\$0
New Post Water Transmission Facilities	1,586,000	B	\$0	\$1,000,000	\$0	\$0	\$0	\$1,000,000	\$0
Tank Maintenance	on-going	C	\$370,000	\$375,000	\$0	\$0	\$0	\$745,000	\$0
Falcon Drive Extension	-	C	\$200,000	\$0	\$0	\$0	\$0	\$200,000	\$0
12" Waterline - Violet Drive	350,000	C	\$300,000	\$0	\$0	\$0	\$0	\$300,000	\$0
16" Waterline - Andora Dr. to Sawhill	-	B	\$0	\$1,500,000	\$1,500,000	\$0	\$0	\$3,000,000	\$0
Water Meter Replacement Program	340,000	C	\$300,000	\$0	\$0	\$0	\$0	\$300,000	\$0
Brock Road 12" Waterline	650,000	C	\$200,000	\$0	\$0	\$0	\$0	\$200,000	\$0
Rappahannock Raw Water PS Improvements	-	B	\$0	\$0	\$1,250,000	\$0	\$0	\$1,250,000	\$0
Mudd Tavern East Betterment	-	C	\$120,000	\$0	\$0	\$0	\$0	\$120,000	\$0
Harrison Road/Rt 1 Waterline Improvements	-	C	\$300,000	\$0	\$0	\$0	\$0	\$300,000	\$0
Spotswood 2" Line Upgrade	-	C	\$0	\$0	\$250,000	\$0	\$0	\$250,000	\$0
12" Line Replacements	-	B	\$0	\$0	\$0	\$700,000	\$0	\$700,000	\$0
Waverly Village 2" Line Upgrade	-	C	\$0	\$0	\$150,000	\$0	\$0	\$150,000	\$0
Calhoun/Kilmerney Waterline Connection	-	C	\$200,000	\$0	\$0	\$0	\$0	\$200,000	\$0
Old Greenwich 2" Line Upgrade	-	C	\$0	\$0	\$250,000	\$0	\$0	\$250,000	\$0
SUBTOTAL WATER PROJECTS	15,135,026		\$7,690,000	\$7,575,000	\$10,000,000	\$7,040,000	\$12,740,000	\$45,045,000	\$0

**SPOTSYLVANIA COUNTY
CAPITAL IMPROVEMENT PLAN
FY 2015 - FY 2019**

UTILITIES EXPENDITURES (continued)

	Total Budget through FY 2014	Funding Source	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total FY 15- FY 19	Costs beyond FY 2019
Sewer Projects									
Phase II - I-95 to Woodland Drive	203,603	C	\$800,000	\$0	\$0	\$0	\$0	\$800,000	\$0
Elimination of Pump Stations 3 & 6	-	C	\$0	\$70,000	\$350,000	\$0	\$0	\$420,000	\$0
Old Greenwich Sewer Replacement	885,957	C	\$500,000	\$0	\$0	\$0	\$0	\$500,000	\$0
Fawn Lake Pump Stations 27 & 58	-	C	\$0	\$500,000	\$0	\$0	\$0	\$500,000	\$0
Sheraton Hills Rehab	-	C	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000	\$0
Wastewater Collection Extensions to Existing Developments	2,007,448	C	\$100,000	\$0	\$0	\$0	\$0	\$100,000	\$0
Waverly Village Rehab	-	C	\$0	\$615,000	\$0	\$0	\$0	\$615,000	\$0
Thornburg Wastewater Transmission Improvements	1,099,586	B	\$700,000	\$1,900,000	\$1,900,000	\$0	\$0	\$4,500,000	\$0
FMC Infrastructure Improvements	3,013,994	C, FRED	\$1,650,000	\$1,837,500	\$0	\$0	\$0	\$3,487,500	\$0
Piedmont Drive - PS 43 & 16 Abandonment	50,000	C	\$0	\$250,000	\$0	\$0	\$0	\$250,000	\$0
PS 24	450,000	B, C	\$200,000	\$750,000	\$750,000	\$800,000	\$0	\$2,500,000	\$0
Lafayette Crossing PS Abandonment	-	C	\$0	\$100,000	\$300,000	\$0	\$0	\$400,000	\$0
Biosolids Handling	17,458,415	C	\$75,000	\$0	\$0	\$0	\$0	\$75,000	\$0
Replacement Equipment - Field Services	on-going	B, C	\$345,000	\$565,000	\$110,000	\$95,000	\$0	\$1,115,000	\$0
Replacement Equipment - Composting	on-going	B, C	\$965,000	\$450,000	\$150,000	\$0	\$100,000	\$1,665,000	\$0
SUBTOTAL SEWER PROJECTS	25,169,003		\$6,335,000	\$7,037,500	\$3,560,000	\$895,000	\$100,000	\$17,927,500	\$0
TOTAL UTILITIES EXPENDITURES	40,304,029		\$15,975,000	\$17,512,500	\$16,060,000	\$7,935,000	\$12,840,000	\$70,322,500	\$0

**SPOTSYLVANIA COUNTY
CAPITAL IMPROVEMENT PLAN**

FY 2015 - FY 2019

UTILITIES REVENUES

	Total Budget through FY 2014	Funding Source	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total FY 15- FY 19	Costs beyond FY 2019
Cash		C	\$10,000,000	\$5,000,000	\$2,000,000	\$0	\$0	\$17,000,000	\$0
Fredericksburg Share of Certain Projects		FRED	\$3,091,666	\$1,537,500	\$0	\$0	\$2,000,000	\$6,629,166	\$0
Revenue Bonds		B	\$2,883,334	\$10,975,000	\$14,060,000	\$7,935,000	\$10,840,000	\$46,693,334	
TOTAL UTILITIES REVENUES			\$15,975,000	\$17,512,500	\$16,060,000	\$7,935,000	\$12,840,000	\$70,322,500	\$0

**SPOTSYLVANIA COUNTY
CAPITAL IMPROVEMENT PLAN**

FY 2015 - FY 2019

CIP EXPENDITURES SUMMARY

	Total Budget through FY 2014	Funding Source	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total FY 15- FY 19	Costs beyond FY 2019
TOTAL FY 2014 - FY 2018 CIP			\$54,156,778	\$56,773,147	\$56,814,531	\$33,162,516	\$36,706,522	\$237,613,494	\$71,336,675

CIP REVENUE SUMMARY

	Total Budget through FY 2014	Funding Source	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total FY 15- FY 19	Costs beyond FY 2019
Cash		C	\$18,824,955	\$10,344,615	\$9,638,207	\$8,659,228	\$10,192,388	\$57,659,394	\$0
Interest Earnings		IE	\$162,874	\$207,208	\$0	\$0	\$0	\$370,082	\$0
Fredericksburg Share of Certain Projects		FRED	\$3,091,666	\$1,537,500	\$0	\$0	\$2,000,000	\$6,629,166	\$0
Concession Receipts		CR	\$0	\$200,000	\$0	\$0	\$300,000	\$500,000	\$0
Donations		D	\$0	\$0	\$0	\$5,300	\$0	\$5,300	\$0
Proffers		P	\$295,763	\$59,620	\$0	\$15,000	\$0	\$370,383	\$0
Nov 2005 Bond Referenda - Gen. Gov't		B	\$629,709	\$1,054,310	\$0	\$0	\$0	\$1,684,019	\$0
Nov 2005/2006 Bond Referenda - Schools		B	\$7,612,145	\$10,303,256	\$210,024	\$0	\$0	\$18,125,425	\$56,819,329
Nov 2005 Bond Referenda - Transportation		B	\$13,693,344	\$12,379,800	\$0	\$0	\$0	\$26,073,144	\$0
Revenue Bonds - Utilities		B	\$2,883,334	\$10,975,000	\$14,060,000	\$7,935,000	\$10,840,000	\$46,693,334	\$0
Lease - Purchase		L	\$6,584,540	\$9,346,082	\$12,748,846	\$500,000	\$500,000	\$29,679,468	\$14,517,346
Lease-Purchase (Schools)		LS	\$0	\$0	\$19,730,289	\$14,898,284	\$12,854,134	\$47,482,707	\$0
Other Jurisdictions		OJ	\$0	\$166,667	\$0	\$666,667	\$0	\$833,333	\$0
Transfer from Transportation Fund		T	\$0	\$0	\$20,000	\$20,000	\$20,000	\$60,000	\$0
Transfer from Utilities Fund		U	\$128,448	\$199,089	\$407,165	\$463,037	\$0	\$1,197,739	\$0
Reimbursement/aid from State/Federal gov't		S	\$250,000	\$0	\$0	\$0	\$0	\$250,000	\$0
TOTAL FY 2014 - FY 2018 CIP			\$54,156,778	\$56,773,147	\$56,814,531	\$33,162,516	\$36,706,522	\$237,613,494	\$71,336,675

CIP Project Information

The following section contains project locations, descriptions, justifications, cost estimates and estimated operating costs for each project in the General Government and Transportation categories. Individual project sheets are not available for Schools and Utilities projects. Instead, a brief description of each Schools and Utilities project is provided.

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General Government Projects



DEPARTMENT:

Capital Projects Management

PROJECT NAME:

Judicial Center Renovation

PROJECT CONTACT/PHONE #:

To Be Determined

PROJECT LOCATION:

Existing Judicial Center at Spotsylvania Courthouse.
(Photo credit: Google Earth)



PROJECT DESCRIPTION:

Renovation of the existing Judicial Center to include projected space needs for Courts Security, the Commonwealth's Attorney Office, the Juvenile and Domestic Relations Court (JDRC), and the General District Court (GDC) operations through 2032.

PROJECT OBJECTIVE:

As population and office workloads are expected to continue to grow over the next 20 years, renovations are necessary to the existing Judicial Center to reconfigure space and make use of the space vacated by the Circuit Court. Space within the existing Judicial Center buildings as well as a small, 2,000 sq. ft. addition to the existing Commonwealth's Attorney Office space is expected to accommodate JDRC, GDC, Courts Security and the Commonwealth's Attorney Office space needs through 2032.

TOTAL CAPITAL PROJECT COST:

\$9,606,006

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:

Planning & Design	Property Acquisition	Construction/Implementation
FY 2015	N/A	FY 2017

PRIOR YEAR BUDGETS:

\$200,000

COSTS PROJECTED BEYOND CIP PERIOD:

\$0

Projected Project Revenues & Expenditures

FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
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Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bonds	\$629,709	\$0	\$0	\$0	\$0	\$629,709
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$6,771,204	\$0	\$0	\$6,771,204
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$0	\$0	\$2,000,000	\$0	\$0	\$2,000,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other (interest earnings)	\$5,093	\$0	\$0	\$0	\$0	\$5,093
Total Projected/Requested Funding	\$634,802	\$0	\$8,771,204	\$0	\$0	\$9,406,006

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$634,802	\$0	\$0	\$0	\$0	\$634,802
Construction	\$0	\$0	\$8,771,204	\$0	\$0	\$8,771,204
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$634,802	\$0	\$8,771,204	\$0	\$0	\$9,406,006

Estimated Add'l Operational Costs

- Debt service	\$58,248	\$56,910	\$766,548	\$746,589	\$726,630	\$2,354,925
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$58,248	\$56,910	\$766,548	\$746,589	\$726,630	\$2,354,925

DEPARTMENT: Capital Projects Management

PROJECT NAME: Renovate Sheriff's Office former location

PROJECT CONTACT/PHONE #: To Be Determined

PROJECT LOCATION: Renovate Sheriff's Office former location at Spotsylvania Courthouse.
(Photo credit: Google Earth)



PROJECT DESCRIPTION: After move of Sheriff's Office to new Public Safety Building, renovate Sheriff's Office former office space. A space needs study is currently in progress to determine the recommended use of this space.

PROJECT OBJECTIVE: As a result of this renovation and a move to the renovated space, certain currently crowded departments will be relieved of overcrowding. Additionally, over the next 20 years, the County's population and County staffing is expected to continue to grow. A space needs study was recently completed to determine the recommended use of this space. The space needs study is focused on space needs in the courthouse area through the year 2032. A refined scope of work and an updated cost estimate will be developed once the occupant and space uses have been identified.

TOTAL CAPITAL PROJECT COST: \$1,379,310

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:	Planning & Design	Property Acquisition	Construction/Implementation
FY 2015		N/A	FY 2016

PRIOR YEAR BUDGETS: \$0

COSTS PROJECTED BEYOND CIP PERIOD: \$0

Projected Project Revenues & Expenditures

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
Financing/Funding Methods:						
Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$1,054,310	\$0	\$0	\$0	\$1,054,310
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$0	\$0	\$0	\$0	\$0	\$0
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other (Interest Earnings)	\$125,392	\$199,608	\$0	\$0	\$0	\$325,000
Total Projected/Requested Funding	\$125,392	\$1,253,918	\$0	\$0	\$0	\$1,379,310

Projected Capital Expenditures:						
Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$125,392	\$0	\$0	\$0	\$0	\$125,392
Construction	\$0	\$1,253,918	\$0	\$0	\$0	\$1,253,918
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$125,392	\$1,253,918	\$0	\$0	\$0	\$1,379,310

Estimated Add'l Operational Costs						
- Debt service	\$0	\$110,703	\$107,803	\$104,904	\$102,004	\$425,414
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$110,703	\$107,803	\$104,904	\$102,004	\$425,414

DEPARTMENT:

Capital Projects Management

PROJECT NAME:

Completion and Reconfiguration of Merchant Square

PROJECT CONTACT/PHONE #:

To Be Determined

PROJECT LOCATION:

Merchant Square Building at 9019 Old Battlefield Boulevard, Spotsylvania, VA 22553



PROJECT DESCRIPTION:

Build-out of unfinished (~7,400 sq ft) first floor spaces and reconfiguration of second floor.

PROJECT OBJECTIVE:

In conjunction with the findings of the recently completed Space Needs Study, provide adequate space for the Department of Social Services and consolidate other functions and offices into this building to satisfy projected future space needs.

TOTAL CAPITAL PROJECT COST:

\$3,725,876

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:

Planning & Design	Property Acquisition	Construction/Implementation
FY 2016	N/A	FY 2017

PRIOR YEAR BUDGETS:

\$321,252

COSTS PROJECTED BEYOND CIP PERIOD:

\$0

Projected Project Revenues & Expenditures

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
Financing/Funding Methods:						
Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$3,387,160	\$0	\$0	\$3,387,160
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$0	\$17,464	\$0	\$0	\$0	\$17,464
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$0	\$17,464	\$3,387,160	\$0	\$0	\$3,404,624
Projected Capital Expenditures:						
Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$17,464	\$0	\$0	\$0	\$17,464
Construction	\$0	\$0	\$3,387,160	\$0	\$0	\$3,387,160
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$0	\$17,464	\$3,387,160	\$0	\$0	\$3,404,624

Estimated Add'l Operational Costs

- Debt service	\$0	\$0	\$355,652	\$346,337	\$337,022	\$1,039,011
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$0	\$355,652	\$346,337	\$337,022	\$1,039,011

DEPARTMENT: **General Services**
PROJECT NAME: **Facilities Asset Management**
PROJECT CONTACT/PHONE #: Jesse Beavon, 507-7702
PROJECT LOCATION: Major repairs and upgrades at various County facilities.

PROJECT DESCRIPTION: The Facilities Asset Management program was developed to ensure that the physical condition of County facilities is maintained through major maintenance and minor construction projects.

PROJECT OBJECTIVE: The Facilities Asset Management program was implemented in 2001 as a means to maintain County facilities. The program first addresses deferred maintenance and then provides a program for cyclical maintenance and component renewal. The schedule for deferred maintenance, cyclical maintenance and component renewals serves as a budgetary tool in forecasting the major maintenance requirements for facilities within the program. The Facilities Asset Management program is not a preventive maintenance or operational maintenance program. Under the program, facilities are reassessed every 2 years to capture deferred maintenance issues in an effort to maintain the facilities at a Facilities Condition Index (FCI) of 0.05. Maintaining facilities at a FCI of 0.05 precludes facilities from being in a state of depreciation.

TOTAL CAPITAL PROJECT COST: \$7,882,443

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:	Planning & Design	Property Acquisition	Construction/Implementation
			on-going

PRIOR YEAR BUDGETS:
COSTS PROJECTED BEYOND CIP PERIOD:

Projected Project Revenues & Expenditures					
FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total

Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$1,526,532	\$879,184	\$838,137	\$1,576,149	\$1,864,702	\$6,684,704
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other (Transfer from Utilities)	\$128,448	\$199,089	\$407,165	\$463,037	\$0	\$1,197,739
Total Projected/Requested Funding	\$1,654,980	\$1,078,273	\$1,245,302	\$2,039,186	\$1,864,702	\$7,882,443

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$1,654,980	\$1,078,273	\$1,245,302	\$2,039,186	\$1,864,702	\$7,882,443
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$1,654,980	\$1,078,273	\$1,245,302	\$2,039,186	\$1,864,702	\$7,882,443

Estimated Add'l Operational Costs

- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$0	\$0	\$0	\$0	\$0

DEPARTMENT:

Capital Projects Management

PROJECT NAME:

Animal Shelter Expansion Options and Design

PROJECT CONTACT/PHONE #:

To Be Determined

PROJECT LOCATION:

Animal Shelter at 450 TV Drive, Fredericksburg, VA 22408



PROJECT DESCRIPTION:

Perform a study to develop options and design of an expansion to the animal shelter.

PROJECT OBJECTIVE:

Expansion of the animal shelter to house for adoption more animals and reduce the number of animals being euthanized.

TOTAL CAPITAL PROJECT COST:

\$100,000

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:

Planning & Design	Property Acquisition	Construction/Implementation
FY 2015	N/A	TBD

PRIOR YEAR BUDGETS:

\$0

COSTS PROJECTED BEYOND CIP PERIOD:

\$0

Projected Project Revenues & Expenditures

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
Financing/Funding Methods:						
Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Projected Capital Expenditures:						
Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Estimated Add'l Operational Costs						
- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$0	\$0	\$0	\$0	\$0

DEPARTMENT:	Information Services					
PROJECT NAME:	Public Safety Radio System Enhancements or Replacement					
PROJECT CONTACT/PHONE #:	Jane Reeve, 507-7552					
PROJECT LOCATION:	Various locations throughout the County					
PROJECT DESCRIPTION:	Various public safety radio system enhancements or replacements to include additional towers.					
PROJECT OBJECTIVE:	The public safety 800MHz radio system backbone was installed in 1997 to improve radio communications throughout the county for public safety, general county, and schools communication needs. The system has performed successfully over the past 16 years. However, the technology and much of the equipment is at end-of-life, and will no longer be supported and/or maintained by January 2014. Additionally, newer technology is required to meet federal and state interoperability communication mandates, and major system upgrades need to begin to occur now to ensure that the County is able to be in compliance with these mandates coming up in 2014 and 2015.					
TOTAL CAPITAL PROJECT COST:	\$19,781,676					
FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:	Planning & Design	Property Acquisition	Construction/Implementation			
	N/A	N/A	FY 2013 - FY 2015			
PRIOR YEAR BUDGETS:	\$14,156,883					
COSTS PROJECTED BEYOND CIP PERIOD:	\$0					
Projected Project Revenues & Expenditures						
	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
Financing/Funding Methods:						
Proffers	\$56,447	\$0	\$0	\$0	\$0	\$56,447
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$5,371,790	\$0	\$0	\$0	\$0	\$5,371,790
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$195,212	\$0	\$0	\$0	\$0	\$195,212
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other (interest earnings)	\$1,344	\$0	\$0	\$0	\$0	\$1,344
Total Projected/Requested Funding	\$5,624,793	\$0	\$0	\$0	\$0	\$5,624,793
Projected Capital Expenditures:						
Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Vehicles & Equipment	\$5,624,793	\$0	\$0	\$0	\$0	\$5,624,793
Total Projected Capital Expenditures	\$5,624,793	\$0	\$0	\$0	\$0	\$5,624,793
Estimated Add'l Operational Costs						
- Debt service	\$496,891	\$485,476	\$474,060	\$462,645	\$451,230	\$2,370,302
- Utilities, insurance, maintenance	\$100,000	\$103,000	\$106,090	\$109,273	\$112,551	\$530,914
- Personnel (no new in FY 2015)	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$596,891	\$588,476	\$580,150	\$571,918	\$563,781	\$2,901,216

DEPARTMENT: Information Services
PROJECT NAME: Public Safety Computer Aided Dispatch System Replacement
PROJECT CONTACT/PHONE #: Jane Reeve, 507-7552
PROJECT LOCATION: N/A

PROJECT DESCRIPTION: Replace the County's Computer Aided Dispatch system

PROJECT OBJECTIVE: The CAD system has experienced numerous problems and issues over the years since it's been implemented, despite numerous upgrades. In order to meet the growing technological demand of the public safety community, as well as ensure that the County's CAD system is sized properly for the volume of calls received as well as the broad functionality that is commonly available in Tier I and Tier II CAD applications, a replacement is required to avoid the potential of inadequate technology.

TOTAL CAPITAL PROJECT COST: \$5,200,000

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:	Planning & Design	Property Acquisition	Construction/Implementation
	FY 2015		

PRIOR YEAR BUDGETS: \$0

COSTS PROJECTED BEYOND CIP PERIOD: \$0

Projected Project Revenues & Expenditures					
FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total

Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$2,850,000	\$0	\$0	\$0	\$2,850,000
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$250,000	\$0	\$2,100,000	\$0	\$0	\$2,350,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$250,000	\$2,850,000	\$2,100,000	\$0	\$0	\$5,200,000

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$250,000	\$2,850,000	\$2,100,000	\$0	\$0	\$5,200,000
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$250,000	\$2,850,000	\$2,100,000	\$0	\$0	\$5,200,000

Estimated Add'l Operational Costs

- Debt service	\$0	\$563,893	\$541,500	\$519,107	\$496,714	\$2,121,214
- Utilities, insurance, maintenance	\$0	\$0	\$100,000	\$100,000	\$100,000	\$300,000
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$563,893	\$641,500	\$619,107	\$596,714	\$2,421,214

DEPARTMENT: Information Services
PROJECT NAME: Public Safety Intersection Safety Project (Opticom)
PROJECT CONTACT/PHONE #: Jane Reeve, 507-7552
PROJECT LOCATION: Various intersections throughout the County.

PROJECT DESCRIPTION: VDOT has indicated that Spotsylvania County is one of the counties on the list next for implementation of traffic management at intersections for first responders. This project involves installation of GPS equipment at various intersections in the county, as well as GPS equipment on each first responder vehicle, that signals traffic lights that an emergency vehicle is approaching an intersection and turns the signal green for traffic management.

PROJECT OBJECTIVE: Phase I of this implementation is to meet with VDOT to establish project criteria, and then hire a consultant to determine best methods for implementation in Spotsylvania County. Phase II of the project will be implementation of primary intersections, and Phase III will be implementation of secondary intersections.

TOTAL CAPITAL PROJECT COST: \$1,000,000

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:	Planning & Design	Property Acquisition	Construction/Implementation
	FY 2016		

PRIOR YEAR BUDGETS: \$0

COSTS PROJECTED BEYOND CIP PERIOD: \$0

Projected Project Revenues & Expenditures

FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
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Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$250,000	\$250,000	\$0	\$0	\$500,000
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$0	\$0	\$0	\$250,000	\$250,000	\$500,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$1,000,000

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$1,000,000
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$1,000,000

Estimated Add'l Operational Costs

- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$15,000	\$15,000	\$15,000	\$15,000	\$60,000
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$15,000	\$15,000	\$15,000	\$15,000	\$60,000

DEPARTMENT: Information Services
PROJECT NAME: Enterprise-Wide Fiber Network
PROJECT CONTACT/PHONE #: Jane Reeve, 507-7552
PROJECT LOCATION: N/A

PROJECT DESCRIPTION: Installation of an enterprise-wide fiber network.

PROJECT OBJECTIVE: Run fiber connectivity strategically throughout County, collaborating with the Schools' fiber network which is expected to reduce monthly recurring costs for network connectivity, reduce network infrastructure duplication by collaboration with schools network infrastructure, and create redundancy for connectivity.

TOTAL CAPITAL PROJECT COST: \$2,746,206

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:	Planning & Design	Property Acquisition	Construction/Implementation
	N/A	N/A	FY 2012 - FY 2017

PRIOR YEAR BUDGETS: \$776,206

COSTS PROJECTED BEYOND CIP PERIOD: \$0

Projected Project Revenues & Expenditures

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
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Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$750,000	\$470,000	\$0	\$0	\$1,220,000
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$750,000	\$0	\$0	\$0	\$0	\$750,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$750,000	\$750,000	\$470,000	\$0	\$0	\$1,970,000

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Vehicles & Equipment	\$750,000	\$750,000	\$470,000	\$0	\$0	\$1,970,000
Total Projected Capital Expenditures	\$750,000	\$750,000	\$470,000	\$0	\$0	\$1,970,000

Estimated Add'l Operational Costs

- Debt service	\$0	\$148,393	\$235,493	\$225,907	\$216,321	\$826,114
- Utilities, insurance, maintenance	\$0	\$35,000	\$35,000	\$35,000	\$35,000	\$140,000
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$183,393	\$270,493	\$260,907	\$251,321	\$966,114

DEPARTMENT: Information Services
PROJECT NAME: UPS Upgrades
PROJECT CONTACT/PHONE #: Jane Reeve, 507-7552
PROJECT LOCATION: Multiple sites - Marshall Center and radio tower sites

PROJECT DESCRIPTION: A replacement cycle for the County's Uninterruptible Power Supplies (UPS) in the primary network operations center, the E911 network operations center, the old Sheriff's Office, Fire/Rescue stations, the Judicial Center, and the Marshall Center.

PROJECT OBJECTIVE: The existing UPS' throughout each of these locations support a wide variety of core County functions, such as public safety communications, E911 dispatch, financial applications, and core network infrastructure systems, such as email, internet, telephones, etc. The purpose of this request is to budget replacement funding each fiscal year to initiate a 5-6 year replacement cycle on a rotating basis.

TOTAL CAPITAL PROJECT COST: \$300,000

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:	Planning & Design	Property Acquisition	Construction/Implementation
	N/A	N/A	FY 2014 - FY 2018

PRIOR YEAR BUDGETS: \$75,000

COSTS PROJECTED BEYOND CIP PERIOD: \$0

Projected Project Revenues & Expenditures

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
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Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$75,000	\$50,000	\$50,000	\$50,000	\$0	\$225,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$75,000	\$50,000	\$50,000	\$50,000	\$0	\$225,000

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Vehicles & Equipment	\$75,000	\$50,000	\$50,000	\$50,000	\$0	\$225,000
Total Projected Capital Expenditures	\$75,000	\$50,000	\$50,000	\$50,000	\$0	\$225,000

Estimated Add'l Operational Costs

- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000

DEPARTMENT: Information Services
PROJECT NAME: Parks & Recreation System Upgrade
PROJECT CONTACT/PHONE #: Jane Reeve, 507-7552
PROJECT LOCATION: N/A

PROJECT DESCRIPTION: Upgrade the current Parks & Rec registration system. The current system manages citizen records and registration both at the counter and over the Internet. Continued replacement and utilization of technology in this department will maximize the human resources available to process citizen requests efficiently and effectively.

PROJECT OBJECTIVE: Information Services has determined, based on industry trends, that the existing system will have exceeded its expected useful life cycle FY 2015 and will be due for replacement. If the system is not upgraded, there is a possibility the existing system will not be able to maintain adequate service levels. Additionally, it may require the hiring of more staff to offset these service level degradations. As more technology becomes available, the need to meet the changing demands of a growing citizenry should be addressed through the appropriate refreshing of technology.

TOTAL CAPITAL PROJECT COST: \$150,000

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:	Planning & Design	Property Acquisition	Construction/Implementation
	N/A	N/A	FY 2015

PRIOR YEAR BUDGETS: \$0

COSTS PROJECTED BEYOND CIP PERIOD: \$0

Projected Project Revenues & Expenditures

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
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Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$150,000	\$0	\$0	\$0	\$150,000
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$0	\$0	\$0	\$0	\$0	\$0
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$0	\$150,000	\$0	\$0	\$0	\$150,000

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Vehicles & Equipment	\$0	\$150,000	\$0	\$0	\$0	\$150,000
Total Projected Capital Expenditures	\$0	\$150,000	\$0	\$0	\$0	\$150,000

Estimated Add'l Operational Costs

- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$15,000	\$15,000	\$15,000	\$45,000
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$0	\$15,000	\$15,000	\$15,000	\$45,000

DEPARTMENT: Information Services
PROJECT NAME: Replacement Computers & Servers
PROJECT CONTACT/PHONE #: Jane Reeve, 507-7552
PROJECT LOCATION: N/A

PROJECT DESCRIPTION: Replacement cycle for County computers and servers
PROJECT OBJECTIVE: This project shifts funding for the replacement cycle for computers and servers from the General Fund to the Capital Projects Fund.

TOTAL CAPITAL PROJECT COST: \$2,492,000

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:	Planning & Design	Property Acquisition	Construction/Implementation
	N/A	N/A	on-going

PRIOR YEAR BUDGETS: \$0
COSTS PROJECTED BEYOND CIP PERIOD: \$0

Projected Project Revenues & Expenditures					
FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total

Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$500,000	\$500,000	\$500,000	\$1,500,000
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$492,000	\$500,000	\$0	\$0	\$0	\$992,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$492,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,492,000

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Vehicles & Equipment	\$492,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,492,000
Total Projected Capital Expenditures	\$492,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,492,000

Estimated Add'l Operational Costs

- Debt service	\$0	\$0	\$98,929	\$193,929	\$285,000	\$577,858
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$0	\$98,929	\$193,929	\$285,000	\$577,858

DEPARTMENT: Information Services
PROJECT NAME: State Income Tax Program Replacement
PROJECT CONTACT/PHONE #: Jane Reeve, 507-7552
PROJECT LOCATION: N/A

PROJECT DESCRIPTION: Each year, the Commissioner of Revenue receives and processes State income tax returns for Spotsylvania County residents through an automated system on the County's iSeries. As the County moves all applications from the iSeries to a client/server platform it will be necessary to move this application, as well.

PROJECT OBJECTIVE: To move the State income tax application from the iSeries to a client/server platform.

TOTAL CAPITAL PROJECT COST: \$100,000

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:	Planning & Design	Property Acquisition	Construction/Implementation
	N/A	N/A	FY 2016

PRIOR YEAR BUDGETS: \$0
COSTS PROJECTED BEYOND CIP PERIOD: \$0

Projected Project Revenues & Expenditures

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
Financing/Funding Methods:						
Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$0	\$100,000	\$0	\$0	\$0	\$100,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$0	\$100,000	\$0	\$0	\$0	\$100,000

Projected Capital Expenditures:						
Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Vehicles & Equipment	\$0	\$100,000	\$0	\$0	\$0	\$100,000
Total Projected Capital Expenditures	\$0	\$100,000	\$0	\$0	\$0	\$100,000

Estimated Add'l Operational Costs						
- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$7,500	\$7,500	\$7,500	\$22,500
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$0	\$7,500	\$7,500	\$7,500	\$22,500

DEPARTMENT:	Utilities/Public Works					
PROJECT NAME:	East of I-95 Consolidated Solid Waste Convenience Center					
PROJECT CONTACT/PHONE #:	Benjamin Loveday, 540-507-7307					
PROJECT LOCATION:	To be determined.					
PROJECT DESCRIPTION:	<p>Mine Road Solid Waste Convenience Center has outlived its useful life, and is too small to provide full services. The Lee Hill SWC is located on old landfill trenches, with excessive and ongoing settlement. The location of the Lee Hill Park to the north prevents northern expansion, and the wetlands to the south prevent expansion to the south. Proposed consolidated site to include full services and shall be evaluated as a future transfer station and center for Public Works Operations.</p>					
PROJECT OBJECTIVE:						
TOTAL CAPITAL PROJECT COST:	\$2,537,500					
FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:	Planning & Design		Property Acquisition		Construction/Implementation	
	FY 2017 & FY 2018		FY 2018		FY 2019	
PRIOR YEAR BUDGETS:	\$0					
COSTS PROJECTED BEYOND CIP PERIOD:	\$0					
Projected Project Revenues & Expenditures						
	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
Financing/Funding Methods:						
Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$0	\$0	\$50,000	\$737,500	\$1,750,000	\$2,537,500
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$0	\$0	\$50,000	\$737,500	\$1,750,000	\$2,537,500
Projected Capital Expenditures:						
Land	\$0	\$0	\$0	\$619,500	\$0	\$619,500
Professional Services	\$0	\$0	\$50,000	\$118,000	\$0	\$168,000
Construction	\$0	\$0	\$0	\$0	\$1,500,000	\$1,500,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$250,000	\$250,000
Total Projected Capital Expenditures	\$0	\$0	\$50,000	\$737,500	\$1,750,000	\$2,537,500
Estimated Add'l Operational Costs						
- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$0	\$0	\$0	\$0	\$0

DEPARTMENT: Utilities/Public Works
PROJECT NAME: Active Gas Collection System in Cells 3 and 4
PROJECT CONTACT/PHONE #: Benjamin Loveday 540-507-7307
PROJECT LOCATION: Livingston Landfill on Massey Road

PROJECT DESCRIPTION: Active Gas Collection System in Cells 3 and 4
PROJECT OBJECTIVE: DOE grant funds were used to install active gas collection in cells 1 and 2 of the Livingston Landfill. This project will expand the collection field into portions of cells 3 and 4 that have reached final grade.

TOTAL CAPITAL PROJECT COST: \$150,000

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:	Planning & Design	Property Acquisition	Construction/Implementation
	N/A	N/A	FY 2016

PRIOR YEAR BUDGETS: \$0
COSTS PROJECTED BEYOND CIP PERIOD: \$0

Projected Project Revenues & Expenditures					
FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total

Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$0	\$150,000	\$0	\$0	\$0	\$150,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$0	\$150,000	\$0	\$0	\$0	\$150,000

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$150,000	\$0	\$0	\$0	\$150,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$0	\$150,000	\$0	\$0	\$0	\$150,000

Estimated Add'l Operational Costs

- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$0	\$0	\$0	\$0	\$0

DEPARTMENT:	Utilities/Public Works					
PROJECT NAME:	Convenience Center Paving					
PROJECT CONTACT/PHONE #:	Benjamin L. Loveday, 540-507-7307					
PROJECT LOCATION:	Location varies dependent on the convenience center to be repaired. Locations include Livingston landfill, The Barn, Cole Hill Creek, Todds Tavern, Belmont, Chewning Park, Wilderness, Chancellor, Berkeley, Lee Hill, Marshall Park, Mine Road and Post Oak.					
PROJECT DESCRIPTION:	FY 2015: Finish paving repairs at Livingston (\$50K), pave and repair 1 convenience center (\$30K), pave and repair Chancellor Convenience Center (\$50K), pave and repair areas around the Livingston landfill scales; pave and repair Marshall Park Center; pave and repair hauling road to the Livingston landfill. FY 2016 - FY 2019: \$30,000 each year for paving repairs at the various other sites.					
PROJECT OBJECTIVE:	Maintain level of service for trash collection and disposal to the residents of Spotsylvania County.					
TOTAL CAPITAL PROJECT COST:	\$250,000					
FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:	Planning & Design	Property Acquisition	Construction/Implementation			
	N/A	N/A	On-Going			
PRIOR YEAR BUDGETS:	\$0					
COSTS PROJECTED BEYOND CIP PERIOD:	\$0					
Projected Project Revenues & Expenditures						
	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
Financing/Funding Methods:						
Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$130,000	\$30,000	\$30,000	\$30,000	\$30,000	\$250,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$130,000	\$30,000	\$30,000	\$30,000	\$30,000	\$250,000
Projected Capital Expenditures:						
Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$130,000	\$30,000	\$30,000	\$30,000	\$30,000	\$250,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$130,000	\$30,000	\$30,000	\$30,000	\$30,000	\$250,000
Estimated Add'l Operational Costs						
- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$0	\$0	\$0	\$0	\$0

DEPARTMENT:	Utilities/Public Works					
PROJECT NAME:	Conversion of Post Oak Site to At-Grade Compactor					
PROJECT CONTACT/PHONE #:	Benjamin L. Loveday, 540-507-7307					
PROJECT LOCATION:	Post Oak convenience site					
PROJECT DESCRIPTION:	Conversion of existing compact to at-grade compactor a the Post Oak convenience site.					
PROJECT OBJECTIVE:	Currently, containers are pulled from the Post Oak convenience site 5 - 6 times per week. Conversion to at-grade compactors is expected to reduce the number of pulls to 1-2 times per week. This reduction in the number of pulls is expected to save 2,500 miles per year on trucks, \$1,750 in fuel and 3 man hours per week for use on other projects.					
TOTAL CAPITAL PROJECT COST:	\$100,000					
FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:	Planning & Design	Property Acquisition	Construction/Implementation			
	N/A	N/A	FY 2014			
PRIOR YEAR BUDGETS:	\$0					
COSTS PROJECTED BEYOND CIP PERIOD:	\$0					
Projected Project Revenues & Expenditures						
	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
Financing/Funding Methods:						
Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Projected Capital Expenditures:						
Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Vehicles & Equipment	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Total Projected Capital Expenditures	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Estimated Add'l Operational Costs						
- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	-\$1,750	-\$1,750	-\$1,750	-\$1,750	-\$1,750	-\$8,750
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	-\$1,750	-\$1,750	-\$1,750	-\$1,750	-\$1,750	-\$8,750

DEPARTMENT:**Public Works****PROJECT NAME:****Marshall Park Convenience Center Improvements****PROJECT CONTACT/PHONE #:**

Benjamin L. Loveday, 540-507-7307

PROJECT LOCATION:

Existing Marshall Park Convenience Center located on Massaponax Church Road.

**PROJECT DESCRIPTION:**

Expansion of the existing Marshall Park Convenience Center from a six yard front load site to a below grade compactor site.

PROJECT OBJECTIVE:

Development in the Courthouse Area of Spotsylvania County has created the need to begin planning expansions to the Marshall Park Convenience Center. In order to accommodate future growth in the area it is being recommended to convert the site to a below grade compactor site to ensure long term efficient refuse collection at the site.

TOTAL CAPITAL PROJECT COST:

\$350,000

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:

Planning & Design	Property Acquisition	Construction/Implementation
FY 2015	N/A	FY 2016

PRIOR YEAR BUDGETS:

\$0

COSTS PROJECTED BEYOND CIP PERIOD:

\$0

Projected Project Revenues & Expenditures

FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
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Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$50,000	\$300,000	\$0	\$0	\$0	\$350,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$50,000	\$300,000	\$0	\$0	\$0	\$350,000

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Vehicles & Equipment	\$0	\$300,000	\$0	\$0	\$0	\$300,000
Total Projected Capital Expenditures	\$50,000	\$300,000	\$0	\$0	\$0	\$350,000

Estimated Add'l Operational Costs

- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$0	\$0	\$0	\$0	\$0

DEPARTMENT:**Public Works****PROJECT NAME:****Livingston Landfill Development****PROJECT CONTACT/PHONE #:**

Benjamin L. Loveday, 540-507-7307

PROJECT LOCATION:Livingston Landfill located at 6241
Massey Road, Spotsylvania, VA**PROJECT DESCRIPTION:**

Long-term landfill development plan.

PROJECT OBJECTIVE:

Landfill development plan based on an intake of approx 10,000 tons per month.

TOTAL CAPITAL PROJECT COST:

\$2,552,200

**FISCAL YEAR IN WHICH
EXPENDITURES BEGIN BY PHASE:**

	Planning & Design	Property Acquisition	Construction/Implementation
FY 2015 - FY 2019		N/A	FY 2015 - FY 2019

PRIOR YEAR BUDGETS:

\$0

**COSTS PROJECTED BEYOND CIP
PERIOD:**

\$0

Projected Project Revenues & Expenditures

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
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Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$2,011,000	\$0	\$0	\$0	\$2,011,000
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$79,200	\$0	\$90,000	\$229,000	\$143,000	\$541,200
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$79,200	\$2,011,000	\$90,000	\$229,000	\$143,000	\$2,552,200

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$79,200	\$0	\$90,000	\$229,000	\$75,000	\$473,200
Construction	\$0	\$2,011,000	\$0	\$0	\$68,000	\$2,079,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$79,200	\$2,011,000	\$90,000	\$229,000	\$143,000	\$2,552,200

Estimated Add'l Operational Costs

- Debt service	\$0	\$211,155	\$205,625	\$200,095	\$194,564	\$811,439
- Utilities, insurance, maintenance	\$0	\$68,780	\$70,719	\$72,755	\$74,893	\$287,147
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$279,935	\$276,344	\$272,850	\$269,457	\$1,098,586

DEPARTMENT:

Public Works

PROJECT NAME:

Additional Compactor Bay - Chancellor

PROJECT CONTACT/PHONE #:

Benjamin L. Loveday, 540-507-7307

PROJECT LOCATION:

Chancellor Site located at 5917 Harrison Road, Fredericksburg, VA



PROJECT DESCRIPTION:

Design and installation of additional compactor bay.

PROJECT OBJECTIVE:

New Compactor Bay: There appears to be sufficient room to install an additional compactor bay at the site. This compactor bay would decrease wait times and increase the number of vehicles the site can handle at any given time. In FY15 \$50,000 will be requested to design a new bay area and produce construction cost estimates. Construction funds would be requested in FY16.

TOTAL CAPITAL PROJECT COST:

\$350,000

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:

	Planning & Design	Property Acquisition	Construction/Implementation
FY 2015		N/A	
			FY 2016

PRIOR YEAR BUDGETS:

\$0

COSTS PROJECTED BEYOND CIP PERIOD:

\$0

Projected Project Revenues & Expenditures

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
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Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$50,000	\$300,000	\$0	\$0	\$0	\$350,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$50,000	\$300,000	\$0	\$0	\$0	\$350,000

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Construction	\$0	\$300,000	\$0	\$0	\$0	\$300,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$50,000	\$300,000	\$0	\$0	\$0	\$350,000

Estimated Add'l Operational Costs

- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$0	\$0	\$0	\$0	\$0

DEPARTMENT:

Public Works

PROJECT NAME:

Chancellor Leachate Lagoon Replacement

PROJECT CONTACT/PHONE #:

Benjamin L. Loveday, 540-507-7307

PROJECT LOCATION:

Chancellor Convenience Center located at 5917 Harrison Road, Fredericksburg, VA



PROJECT DESCRIPTION:

Replace existing leachate lagoons with underground storage tanks to reduce amount of liquids that require treatment.

PROJECT OBJECTIVE:

Replace the existing 2 leachate lagoons at the Chancellor Landfill with underground storage tanks. Currently the lagoons are exposed which creates several issues. Open lagoons pose as potential safety concerns, increase amount of liquids transported off site because of storm water intrusion, and are not aesthetically pleasing.

TOTAL CAPITAL PROJECT COST:

\$50,000

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:

	Planning & Design	Property Acquisition	Construction/Implementation
FY 2015		N/A	FY 2015

PRIOR YEAR BUDGETS:

\$0

COSTS PROJECTED BEYOND CIP PERIOD:

\$0

Projected Project Revenues & Expenditures

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
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Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$50,000	\$0	\$0	\$0	\$0	\$50,000

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$50,000	\$0	\$0	\$0	\$0	\$50,000

Estimated Add'l Operational Costs

- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$0	\$0	\$0	\$0	\$0

DEPARTMENT:	Public Works																																																																																																																																							
PROJECT NAME:	Livingston Landfill Green Waste Composting Program																																																																																																																																							
PROJECT CONTACT/PHONE #:	Benjamin L. Loveday, 540-507-7307																																																																																																																																							
PROJECT LOCATION:	Site to be located at the Livingston Landfill																																																																																																																																							
PROJECT DESCRIPTION:	Development of a 3 to 5 acre portion of the Livingston Landfill property for dedication to a Green Waste Recycle Program (leaves/grass). Project will include site work and equipment.																																																																																																																																							
PROJECT OBJECTIVE:	Currently the County collects around 18,000 cubic yards of leaves/grass which are hauled by the County to a local business that composts that material and then sales it. At times the County is unable to take this material to the facility due to size or operation constraints. In addition, there is no guarantee that the vendor will accept the material and at what cost. In order to better control the handling of the County green waste it is recommended the County develop a green waste composting program. The program will produce about 18,000 c.y. of organic compost material that could be sold for \$15 to \$20 per yard. This would result in a projected revenue stream of \$250,000 to \$350,000 per year.																																																																																																																																							
TOTAL CAPITAL PROJECT COST:	\$1,030,000																																																																																																																																							
FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:	<table border="1"> <thead> <tr> <th>Planning & Design</th> <th>Property Acquisition</th> <th>Construction/Implementation</th> </tr> </thead> <tbody> <tr> <td align="center">FY 2015</td> <td align="center">N/A</td> <td align="center">FY 2016 - FY 2018</td> </tr> </tbody> </table>	Planning & Design	Property Acquisition	Construction/Implementation	FY 2015	N/A	FY 2016 - FY 2018																																																																																																																																	
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Total Est Add'l Operational Costs	\$0	\$0	\$0	\$0	\$0	\$0																																																																																																																																		

DEPARTMENT:	Utilities/Public Works					
PROJECT NAME:	Refuse Disposal Equipment					
PROJECT CONTACT/PHONE #:	Benjamin Loveday 540-507-7307					
PROJECT LOCATION:	Various convenience sites throughout the County.					
PROJECT DESCRIPTION:	Equipment replacement and rebuilds					
PROJECT OBJECTIVE:	Maintain an appropriate sized heavy equipment fleet to ensure effective landfill disposal based on the tonnage begin accepted at the facility. This includes replacement of a bulldozer/loader and a one-ton crane in FY 2015; rebuild of a bulldozer/loader, and purchase of a compactor in FY 2016; rebuild of two bulldozers/loaders and replacement of a dump truck in FY 2017; rebuild of two bulldozers/loaders in FY 2018; and rebuild of a bulldozer/loader in FY 2019.					
TOTAL CAPITAL PROJECT COST:	\$1,315,500					
FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:	Planning & Design	Property Acquisition	Construction/Implementation			
	N/A	N/A	On-Going			
PRIOR YEAR BUDGETS:	\$0					
COSTS PROJECTED BEYOND CIP PERIOD:	\$0					
Projected Project Revenues & Expenditures						
	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
Financing/Funding Methods:						
Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$499,431	\$425,000	\$315,500	\$50,000	\$25,000	\$1,314,931
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other (interest earnings)	\$569	\$0	\$0	\$0	\$0	\$569
Total Projected/Requested Funding	\$500,000	\$425,000	\$315,500	\$50,000	\$25,000	\$1,315,500
Projected Capital Expenditures:						
Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Vehicles & Equipment	\$500,000	\$425,000	\$315,500	\$50,000	\$25,000	\$1,315,500
Total Projected Capital Expenditures	\$500,000	\$425,000	\$315,500	\$50,000	\$25,000	\$1,315,500
Estimated Add'l Operational Costs						
- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$0	\$0	\$0	\$0	\$0

DEPARTMENT: Utilities/Public Works
PROJECT NAME: Refuse Collection Equipment
PROJECT CONTACT/PHONE #: Benjamin Loveday 540-507-7307
PROJECT LOCATION: Various convenience sites throughout the County.

PROJECT DESCRIPTION: Collections equipment replacement

PROJECT OBJECTIVE: Maintain a collection of fleet to serve all solid waste collection facilities in the County. This includes the replacement of a hooklift truck, and a lift gate in FY 2015; a road tractor, a rolloff truck, a compactor, and a front loader in FY 2016; a rolloff truck, a uniloader, and a compactor in FY 2017; a compactor and a roll-off truck in FY 2018; and two rolloff trucks, a front loader, and a baler in FY 2019.

TOTAL CAPITAL PROJECT COST:

\$1,505,000

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:

Planning & Design	Property Acquisition	Construction/Implementation
N/A	N/A	On-going

PRIOR YEAR BUDGETS:

\$0

COSTS PROJECTED BEYOND CIP PERIOD:

\$0

Projected Project Revenues & Expenditures

FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
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Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$175,000	\$605,000	\$275,000	\$250,000	\$200,000	\$1,505,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$175,000	\$605,000	\$275,000	\$250,000	\$200,000	\$1,505,000

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Vehicles & Equipment	\$175,000	\$605,000	\$275,000	\$250,000	\$200,000	\$1,505,000
Total Projected Capital Expenditures	\$175,000	\$605,000	\$275,000	\$250,000	\$200,000	\$1,505,000

Estimated Add'l Operational Costs

- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$0	\$0	\$0	\$0	\$0

DEPARTMENT:

Parks & Recreation

PROJECT NAME:

Hunting Run Park, Phase II

PROJECT CONTACT/PHONE #:

Kevin Brooks / 507-7525

PROJECT LOCATION:

Hunting Run Park on Elys Ford Road
(Photo credit: Google Earth)



PROJECT DESCRIPTION:

Phase II is designed and includes permanent check-in station and restrooms, well and septic systems with public drinking water filtration, driveway for engine pick up and drop off, pervious trail to the ADA fishing pier, picnic shelter and floating pier.

PROJECT OBJECTIVE:

Improve the public convenience of the Hunting Run Park facility: Current Phase I improvements have mulch trail to ADA pier that is difficult for disabled users; engine rental use will be improved with paved driveway to pick up and drop off the engines from the attendant station; portable units provide sanitary waste disposal; and there is no public drinking water at the Phase I facility.

TOTAL CAPITAL PROJECT COST:

\$836,336

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:

Planning & Design	Property Acquisition	Construction/Implementation
FY 2007, FY 2017	N/A	FY 2017

PRIOR YEAR BUDGETS:

\$75,408

COSTS PROJECTED BEYOND CIP PERIOD:

\$0

Projected Project Revenues & Expenditures

FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
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Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$0	\$0	\$760,928	\$0	\$0	\$760,928
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$0	\$0	\$760,928	\$0	\$0	\$760,928

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$760,928	\$0	\$0	\$760,928
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$0	\$0	\$760,928	\$0	\$0	\$760,928

Estimated Add'l Operational Costs

- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$20,191	\$21,160	\$41,351
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$0	\$0	\$20,191	\$21,160	\$41,351

DEPARTMENT: Parks & Recreation
PROJECT NAME: Belmont Passive Park
PROJECT CONTACT/PHONE #: Kevin Brooks / 507-7525
PROJECT LOCATION: Belmont Road



PROJECT DESCRIPTION: Open field with Piedmont terrain will support a paved parking area including handicapped accessible parking, VDOT standard entrance with tapers, pervious concrete walking trails and stormwater facilities as required by the County Code for public use. A site plan was done in FY 2008 and a permanent drainage easement is required to be dedicated to VDOT for approval to construct.

PROJECT OBJECTIVE: This park would provide a passive park for walking and picnics.

TOTAL CAPITAL PROJECT COST:

\$419,987

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:

Planning & Design	Property Acquisition	Construction/Implementation
FY 2008	County owns land	FY 2018

PRIOR YEAR BUDGETS:

\$52,987

COSTS PROJECTED BEYOND CIP PERIOD:

\$0

Projected Project Revenues & Expenditures

FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
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Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$0	\$0	\$0	\$367,000	\$0	\$367,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$0	\$0	\$0	\$367,000	\$0	\$367,000

Projected Capital Expenditures:

Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Land	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$367,000	\$0	\$367,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$0	\$0	\$0	\$367,000	\$0	\$367,000

Estimated Add'l Operational Costs

- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$9,990	\$10,490	\$20,480
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$0	\$0	\$9,990	\$10,490	\$20,480

DEPARTMENT: Parks & Recreation
PROJECT NAME: Livingston Community Center
PROJECT CONTACT/PHONE #: Kevin Brooks / 507-7525
PROJECT LOCATION: On the Livingston landfill property.



PROJECT DESCRIPTION: Construction of a 3,000 square foot community center complete with a kitchen, meeting rooms, storage space, restrooms, and adjacent parking.

PROJECT OBJECTIVE: Citizens of Livingston District have requested a community building that is located to better serve their needs. Currently, the closest building is at Todds Tavern.

TOTAL CAPITAL PROJECT COST:

\$525,000

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:

Planning & Design	Property Acquisition	Construction/Implementation
FY 2019	County owns land	FY 2019

PRIOR YEAR BUDGETS:

\$0

COSTS PROJECTED BEYOND CIP PERIOD:

\$0

Projected Project Revenues & Expenditures

FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
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Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$0	\$0	\$0	\$0	\$525,000	\$525,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$0	\$0	\$0	\$0	\$525,000	\$525,000

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$525,000	\$525,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$0	\$0	\$0	\$0	\$525,000	\$525,000

Estimated Add'l Operational Costs

- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$24,469	\$24,469
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$0	\$0	\$0	\$24,469	\$24,469

DEPARTMENT:**Parks and Recreation****PROJECT NAME:****Marshall Center Auditorium Upgrades****PROJECT CONTACT/PHONE #:**

Kevin Brooks / 507-7525

PROJECT LOCATION:

Auditorium in Marshall Center located across from Spotsylvania Middel School on Business Route 208

**PROJECT DESCRIPTION:**

Improvements include installation of theatrical lighting, sound system, control room for lights and sound, and a fire proof curtain. These improvements allow for musical performances and recitals, in addition to meetings and public presentations requiring sound projection, audio / visual and lighting.

PROJECT OBJECTIVE:

During FY 2009-2010 the auditorium was made available for meetings and public use by completing roof repairs, bathroom renovation and repair of interior water damage. However, the existing air handler for the HVAC system causes noise in the stage area. The lack of theatrical sound, lighting and dressing room area prevents the old high school auditorium from being used for recitals and theatrical events. The HVAC noise will not be addressed through this project.

TOTAL CAPITAL PROJECT COST:

\$871,248

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:

	Planning & Design	Property Acquisition	Construction/Implementation
FY 2018		N/A	FY 2018

PRIOR YEAR BUDGETS:

\$567,248

COSTS PROJECTED BEYOND CIP PERIOD:

\$0

Projected Project Revenues & Expenditures

FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
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Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$0	\$0	\$0	\$298,700	\$0	\$298,700
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other (Donations)	\$0	\$0	\$0	\$5,300	\$0	\$5,300
Total Projected/Requested Funding	\$0	\$0	\$0	\$304,000	\$0	\$304,000

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$61,000	\$0	\$61,000
Construction	\$0	\$0	\$0	\$243,000	\$0	\$243,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$0	\$0	\$0	\$304,000	\$0	\$304,000

Estimated Add'l Operational Costs

- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$6,542	\$6,869	\$13,411
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$0	\$0	\$6,542	\$6,869	\$13,411

DEPARTMENT:**Parks and Recreation****PROJECT NAME:****Marshall Park Upgrades****PROJECT CONTACT/PHONE #:**

Kevin Brooks / 507-7525

PROJECT LOCATION:Existing Marshall Park located south of the Courthouse on Business Route 208
(Photo credit: Google Earth)**PROJECT DESCRIPTION:**

Upgrades to the existing Marshall Park include: Relocation of existing soccer field and construction of additional parking with lights on each, meeting today's site plan/code requirements for parking, drive aisle, ADA parking and accessibility, and storm water management/Chesapeake Bay/wetland permitting. As per Conceptual Plans completed by an engineering firm for the Capital Projects Department in FY 2013.

PROJECT OBJECTIVE:

The existing Marshall Park has inadequate parking. The existing park's parcel size and terrain necessitates expanding parking into an existing field location and construction of a replacement field.

TOTAL CAPITAL PROJECT COST:

\$534,531

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:

Planning & Design	Property Acquisition	Construction/Implementation
FY 2013/FY 2016	County owns land	FY 2016

PRIOR YEAR BUDGETS:

\$1,531

COSTS PROJECTED BEYOND CIP PERIOD:

\$0

Projected Project Revenues & Expenditures

FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
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Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$0	\$533,000	\$0	\$0	\$0	\$533,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$0	\$533,000	\$0	\$0	\$0	\$533,000

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$90,000	\$0	\$0	\$0	\$90,000
Construction	\$0	\$443,000	\$0	\$0	\$0	\$443,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$0	\$533,000	\$0	\$0	\$0	\$533,000

Estimated Add'l Operational Costs

- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$13,846	\$14,261	\$14,689	\$42,796
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$0	\$13,846	\$14,261	\$14,689	\$42,796

DEPARTMENT: Parks & Recreation
PROJECT NAME: Ni River Park
PROJECT CONTACT/PHONE #: Kevin Brooks / 507-7525
PROJECT LOCATION: Next to Ni River Middle School



PROJECT DESCRIPTION: Facility will include ball fields, soccer fields, paved access road with parking and restrooms on County-owned land adjacent to Ni River Middle School as per Conceptual Plans completed by an engineering firm for the Capital Projects Department in FY 2013.

PROJECT OBJECTIVE: This project is planned as a district style park as described in the County's Comprehensive Plan.

TOTAL CAPITAL PROJECT COST: \$3,373,061

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:	Planning & Design	Property Acquisition	Construction/Implementation
FY 2018		County owns land	FY 2019

PRIOR YEAR BUDGETS: \$3,061

COSTS PROJECTED BEYOND CIP PERIOD: \$0

Projected Project Revenues & Expenditures

FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
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Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$15,000	\$0	\$15,000
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$0	\$0	\$0	\$335,000	\$2,720,000	\$3,055,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other (Concession Receipts)	\$0	\$0	\$0	\$0	\$300,000	\$300,000
Total Projected/Requested Funding	\$0	\$0	\$0	\$350,000	\$3,020,000	\$3,370,000

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$350,000	\$0	\$350,000
Construction	\$0	\$0	\$0	\$0	\$3,020,000	\$3,020,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$0	\$0	\$0	\$350,000	\$3,020,000	\$3,370,000

Estimated Add'l Operational Costs

- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$69,200	\$69,200
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$0	\$0	\$0	\$69,200	\$69,200

DEPARTMENT:

Parks and Recreation

PROJECT NAME:

Patriot Park Field Lighting

PROJECT CONTACT/PHONE #:

Kevin Brooks / 507-7525

PROJECT LOCATION:

Patriot Park
5710 Smith Station Road
Fredericksburg, VA 22407



PROJECT DESCRIPTION:

Install lights for competition fields at Patriot Park.

PROJECT OBJECTIVE:

To extend the use of the competition fields, increasing the hours of public use after dark.

TOTAL CAPITAL PROJECT COST:

\$947,236

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:

Planning & Design	Property Acquisition	Construction/Implementation
FY 2012	County Owns Land	FY 2016

PRIOR YEAR BUDGETS:

\$487,236

COSTS PROJECTED BEYOND CIP PERIOD:

\$0

Projected Project Revenues & Expenditures

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
Financing/Funding Methods:						
Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$0	\$252,400	\$0	\$0	\$0	\$252,400
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other (Concession Receipts & Interest Earnings)	\$0	\$207,600	\$0	\$0	\$0	\$207,600
Total Projected/Requested Funding	\$0	\$460,000	\$0	\$0	\$0	\$460,000
Projected Capital Expenditures:						
Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$460,000	\$0	\$0	\$0	\$460,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$0	\$460,000	\$0	\$0	\$0	\$460,000
Estimated Add'l Operational Costs						
- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$7,032	\$10,324	\$10,840	\$28,196
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$0	\$7,032	\$10,324	\$10,840	\$28,196

DEPARTMENT: Parks and Recreation

PROJECT NAME: Playground Installation

PROJECT CONTACT/PHONE #: Kevin Brooks / 507-7525

PROJECT LOCATION:
 Patriot Park
 5710 Smith Station Road
 Fredericksburg, VA 22407



PROJECT DESCRIPTION: Purchase and install a playground system similar in size and type that is located at Loriella Park.

PROJECT OBJECTIVE: This project would meet the current requests of citizens to have a playground system located at Patriot Park with a service age range of toddler to young teens. This system would include swings which are often requested and are currently located only at Loriella Park.

TOTAL CAPITAL PROJECT COST: \$175,000

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:	Planning & Design	Property Acquisition	Construction/Implementation
FY 2017		N/A	FY 2017

PRIOR YEAR BUDGETS: \$0

COSTS PROJECTED BEYOND CIP PERIOD: \$0

Projected Project Revenues & Expenditures

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
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Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$0	\$0	\$175,000	\$0	\$0	\$175,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$0	\$0	\$175,000	\$0	\$0	\$175,000

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$175,000	\$0	\$0	\$175,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$0	\$0	\$175,000	\$0	\$0	\$175,000

Estimated Add'l Operational Costs

- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$2,940	\$3,087	\$6,027
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$0	\$0	\$2,940	\$3,087	\$6,027

DEPARTMENT:

Parks and Recreation

PROJECT NAME:

Legion Complex - Repaving

PROJECT CONTACT/PHONE #:

Kevin Brooks / 507-7525

PROJECT LOCATION:

Legion Field
8800 Courthouse Road,
Spotsylvania, VA 22553
(Photo credit: Google Earth)



PROJECT DESCRIPTION:

Pavement entering the Legion Complex Site has been deteriorating for some time, as well as the edges of the paved track, within this complex. This project will allow for the proper overlay of new asphalt to correct and maintain this facility.

PROJECT OBJECTIVE:

This work will correct a deteriorating condition and improved facility use and safety.

TOTAL CAPITAL PROJECT COST:

\$238,000

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:

Planning & Design	Property Acquisition	Construction/Implementation
N/A	N/A	FY 2015

PRIOR YEAR BUDGETS:

\$0

COSTS PROJECTED BEYOND CIP PERIOD:

\$0

Projected Project Revenues & Expenditures

FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
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Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$238,000	\$0	\$0	\$0	\$0	\$238,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$238,000	\$0	\$0	\$0	\$0	\$238,000

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$238,000	\$0	\$0	\$0	\$0	\$238,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$238,000	\$0	\$0	\$0	\$0	\$238,000

Estimated Add'l Operational Costs

- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$0	\$0	\$0	\$0	\$0

DEPARTMENT:	Parks and Recreation					
PROJECT NAME:	Tennis Courts - Resurfacing					
PROJECT CONTACT/PHONE #:	Kevin Brooks / 507-7525					
PROJECT LOCATION:	Tennis Courts located within three (3) of the County's existing parks: Loriella Park - four (4) courts at 10910 Leavells Road, Fredericksburg, VA 22407; Cosner Park - two (2) courts at 1 H.C.C. Drive, Fredericksburg, VA 22408; and Chancellor Community Center - one (1) court at 7300 Old Plank Road, Fredericksburg, VA 22407.					
PROJECT DESCRIPTION:	Resurfacing of seven (7) total tennis courts located within three (3) existing Parks and Recreation facilities to meet proper maintenance guidelines.					
PROJECT OBJECTIVE:	This project request is to maintain the proper resurfacing guidelines for these tennis courts. These courts were last resurfaced in FY2008. Proper maintenance guidelines and tennis court professionals recommend resurfacing every 6-10 years.					
TOTAL CAPITAL PROJECT COST:	\$48,000					
FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:	Planning & Design		Property Acquisition		Construction/Implementation	
	N/A		N/A		FY 2016	
PRIOR YEAR BUDGETS:	\$0					
COSTS PROJECTED BEYOND CIP PERIOD:	\$0					
Projected Project Revenues & Expenditures						
	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
Financing/Funding Methods:						
Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$0	\$48,000	\$0	\$0	\$0	\$48,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$0	\$48,000	\$0	\$0	\$0	\$48,000
Projected Capital Expenditures:						
Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$48,000	\$0	\$0	\$0	\$48,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$0	\$48,000	\$0	\$0	\$0	\$48,000
Estimated Add'l Operational Costs						
- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$0	\$0	\$0	\$0	\$0

DEPARTMENT: Department of Fire, Rescue, and Emergency Management

PROJECT NAME: Regional Fire Training Center

PROJECT CONTACT/PHONE #: Monty Willaford, 507-7900

PROJECT LOCATION:



PROJECT DESCRIPTION: This project is the construction of a Regional Fire Training Center to be funded through joint jurisdictional participation and grants, divided equally between the County, City of Fredericksburg and King George County. Phase I will provide a concrete apron around the burn building; Phase II will provide permanent classrooms, restrooms, showers and burn pit.

PROJECT OBJECTIVE: To provide critical fire training facilities for area firefighters and to provide a reliable source for pumper testing which is a critical ISO requirement.

TOTAL CAPITAL PROJECT COST:

\$2,776,222

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:

	Planning & Design	Property Acquisition	Construction/Implementation
FY 2016		N/A	FY 2016/FY 2018

PRIOR YEAR BUDGETS:

\$1,526,222

COSTS PROJECTED BEYOND CIP PERIOD:

\$0

Projected Project Revenues & Expenditures

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
Financing/Funding Methods:						
Proffers	\$0	\$2,021	\$0	\$0	\$0	\$2,021
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$0	\$81,312	\$0	\$333,333	\$0	\$414,646
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other (Other Jurisdictions)	\$0	\$166,667	\$0	\$666,667	\$0	\$833,333
Total Projected/Requested Funding	\$0	\$250,000	\$0	\$1,000,000	\$0	\$1,250,000
Projected Capital Expenditures:						
Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$250,000	\$0	\$1,000,000	\$0	\$1,250,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$0	\$250,000	\$0	\$1,000,000	\$0	\$1,250,000

Estimated Add'l Operational Costs

- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$0	\$0	\$0	\$0	\$0

DEPARTMENT: Department of Fire, Rescue, and Emergency Management

PROJECT NAME: Replacement Fire/Rescue Apparatus

PROJECT CONTACT/PHONE #: Monty Willaford, 507-7900

PROJECT LOCATION: Replacement of apparatus at various stations throughout the County.



PROJECT DESCRIPTION: Replacement of various ambulances and fire engines/wagons at various stations due to the expected life cycle of the equipment and mileage on existing apparatus.

PROJECT OBJECTIVE: To provide critical fire and rescue vehicles.

TOTAL CAPITAL PROJECT COST:

\$13,893,219

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:

Planning & Design	Property Acquisition	Construction/Implementation
N/A	N/A	FY 2015 - FY 2019

PRIOR YEAR BUDGETS:

COSTS PROJECTED BEYOND CIP PERIOD:

Projected Project Revenues & Expenditures

FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
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Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$1,212,750	\$3,485,082	\$1,370,482	\$0	\$0	\$6,068,314
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$371,790	\$607,755	\$638,142	\$3,587,046	\$2,606,086	\$7,810,819
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other (Interest Earnings)	\$14,086	\$0	\$0	\$0	\$0	\$14,086
Total Projected/Requested Funding	\$1,598,626	\$4,092,837	\$2,008,624	\$3,587,046	\$2,606,086	\$13,893,219

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Vehicles & Equipment	\$1,598,626	\$4,092,837	\$2,008,624	\$3,587,046	\$2,606,086	\$13,893,219
Total Projected Capital Expenditures	\$1,598,626	\$4,092,837	\$2,008,624	\$3,587,046	\$2,606,086	\$13,893,219

Estimated Add'l Operational Costs

- Debt service	\$152,604	\$630,412	\$799,727	\$773,177	\$746,627	\$3,102,547
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$152,604	\$630,412	\$799,727	\$773,177	\$746,627	\$3,102,547

DEPARTMENT:	Department of Fire, Rescue, and Emergency Management					
PROJECT NAME:	Reserve for Fire Equipment					
PROJECT CONTACT/PHONE #:	Monty Willaford, 507-7900					
PROJECT LOCATION:	N/A					
PROJECT DESCRIPTION:	Reserve for fire equipment.					
PROJECT OBJECTIVE:	Reserve for fire equipment.					
TOTAL CAPITAL PROJECT COST:	\$2,000,000					
FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:	Planning & Design	Property Acquisition	Construction/Implementation			
	N/A	N/A	FY 2015			
PRIOR YEAR BUDGETS:						
COSTS PROJECTED BEYOND CIP PERIOD:						
Projected Project Revenues & Expenditures						
	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
Financing/Funding Methods:						
Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other (Interest Earnings)	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000
Projected Capital Expenditures:						
Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Vehicles & Equipment	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000
Total Projected Capital Expenditures	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000
Estimated Add'l Operational Costs						
- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$0	\$0	\$0	\$0	\$0

DEPARTMENT: Department of Fire, Rescue, and Emergency Management
PROJECT NAME: CPR Delivery Devices
PROJECT CONTACT/PHONE #: Monty Willaford, 507-7900
PROJECT LOCATION: N/A

PROJECT DESCRIPTION: Purchase of CPR delivery devices for each transport unit in the County.
PROJECT OBJECTIVE: The CPR delivery devices are designed to give better and continuous chest compressions to cardiac arrest patients.

TOTAL CAPITAL PROJECT COST: \$288,200

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:	Planning & Design	Property Acquisition	Construction/Implementation
	N/A	N/A	FY 2015

PRIOR YEAR BUDGETS:
COSTS PROJECTED BEYOND CIP PERIOD:

Projected Project Revenues & Expenditures					
FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total

Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$13,100	\$65,500	\$65,500	\$65,500	\$78,600	\$288,200
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other (Interest Earnings)	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$13,100	\$65,500	\$65,500	\$65,500	\$78,600	\$288,200

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Vehicles & Equipment	\$13,100	\$65,500	\$65,500	\$65,500	\$78,600	\$288,200
Total Projected Capital Expenditures	\$13,100	\$65,500	\$65,500	\$65,500	\$78,600	\$288,200

Estimated Add'l Operational Costs

- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$0	\$0	\$0	\$0	\$0

DEPARTMENT: Department of Fire, Rescue, and Emergency Management

PROJECT NAME: SCBA Replacement

PROJECT CONTACT/PHONE #: Monty Willaford, 507-7900

PROJECT LOCATION: This project pertains to all County fire stations. SCBA units are located on every fire truck in the County as well as some of the staff vehicles (volunteer/career) and EMS units. Other departments (such as Utilities) may also have some of this equipment at their facilities.

PROJECT DESCRIPTION: In 2003, the County received a federal grant for the total replacement of all the SCBA units in the Fire/EMS system. The warranties on these airpacks are nearing expiration (7 years) and the National Fire Protection Association (who develops standards for SCBA and other related equipment) will soon be releasing new updated standards for SCBA to take effect in the 2013-2014 time frame. Therefore, FREM is requesting funds be set aside for the replacement of all SCBA units and associated elements. This will include 250 air packs with regulators, 500 facepieces, and 500 cylinders. We will also need 12 trackers and 12 chargers (one per each Chief/Command Vehicle).

PROJECT OBJECTIVE: To replace all the old Self-Contained Breathing Apparatus (SCBA) countywide with SCBA that is NFPA compliant.

TOTAL CAPITAL PROJECT COST: \$1,649,690

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:	Planning & Design	Property Acquisition	Construction/Implementation
	N/A	N/A	FY 2015

PRIOR YEAR BUDGETS: \$0

COSTS PROJECTED BEYOND CIP PERIOD: \$0

Projected Project Revenues & Expenditures

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
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Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aid	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$1,649,690	\$0	\$0	\$0	\$0	\$1,649,690
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$1,649,690	\$0	\$0	\$0	\$0	\$1,649,690

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Vehicles & Equipment	\$1,649,690	\$0	\$0	\$0	\$0	\$1,649,690
Total Projected Capital Expenditures	\$1,649,690	\$0	\$0	\$0	\$0	\$1,649,690

Estimated Add'l Operational Costs

- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$0	\$0	\$0	\$0	\$0



Transportation Projects



DEPARTMENT:**Capital Projects Management****PROJECT NAME:**

Mine/Falcon/Spotsylvania Avenue Intersection Improvements

PROJECT CONTACT/PHONE #:

Wayne Brooks, 507-7001

PROJECT LOCATION:Intersection of Falcon Drive and Spotsylvania Ave.
(Photo credit: Google Earth)**PROJECT DESCRIPTION:**

Turning lanes for Falcon and Spotsylvania Ave. to eliminate "split" traffic signal phasing, reducing the "red" time/seconds for Mine Road traffic, and allowing the Falcon Drive/Spotsylvania Ave. left turns to move during the same signal phase. This will be a VDOT-managed project.

PROJECT OBJECTIVE:

To reduce congestion and accidents.

TOTAL CAPITAL PROJECT COST:

\$800,000

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:

Planning & Design	Property Acquisition	Construction/Implementation
FY 2015	FY 2015 - FY 2016	FY 2017

PRIOR YEAR BUDGETS:

\$104,116

COSTS PROJECTED BEYOND CIP PERIOD:

\$0

Projected Project Revenues & Expenditures

FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
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Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$695,884	\$0	\$0	\$0	\$0	\$695,884
State Aid	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue - Transportation Fund	\$0	\$0	\$0	\$0	\$0	\$0
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$695,884	\$0	\$0	\$0	\$0	\$695,884

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$695,884	\$0	\$0	\$0	\$0	\$695,884
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$695,884	\$0	\$0	\$0	\$0	\$695,884

Estimated Add'l Operational Costs

- Debt service	\$64,369	\$62,891	\$61,412	\$59,933	\$58,454	\$307,059
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$64,369	\$62,891	\$61,412	\$59,933	\$58,454	\$307,059

DEPARTMENT:

Capital Projects Management

PROJECT NAME:

Jones Powell Hill Improvement

PROJECT CONTACT/PHONE #:

Wayne Brooks, 507-7001

PROJECT LOCATION:

Line in picture to the right reflects *approximate* location of Jones Powell Road. (Photo credit: Google Earth)



PROJECT DESCRIPTION:

This project will focus on lowering the hill on the curve on Jones Powell Road. This will be a VDOT-managed project.

PROJECT OBJECTIVE:

TOTAL CAPITAL PROJECT COST:

\$575,050

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:

Planning & Design	Property Acquisition	Construction/Implementation
FY 2015	FY 2016	FY 2017

PRIOR YEAR BUDGETS:

\$0

COSTS PROJECTED BEYOND CIP PERIOD:

\$0

Projected Project Revenues & Expenditures

FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
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Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$558,660	\$0	\$0	\$0	\$0	\$558,660
State Aid	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue - Transportation Fund	\$0	\$0	\$0	\$0	\$0	\$0
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other (interest earnings)	\$16,390	\$0	\$0	\$0	\$0	\$16,390
Total Projected/Requested Funding	\$575,050	\$0	\$0	\$0	\$0	\$575,050

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$575,050	\$0	\$0	\$0	\$0	\$575,050
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$575,050	\$0	\$0	\$0	\$0	\$575,050

Estimated Add'l Operational Costs

- Debt service	\$51,676	\$50,489	\$49,302	\$48,115	\$46,927	\$246,509
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$51,676	\$50,489	\$49,302	\$48,115	\$46,927	\$246,509

DEPARTMENT:**Capital Projects Management****PROJECT NAME:****Transportation - "Fair" Unpaved Roads****PROJECT CONTACT/PHONE #:**

Wayne Brooks, 507-7001

PROJECT LOCATION:

Hard surface the unpaved roads ranked as "Fair" on the Unpaved Road inventory endorsed by the Board 7/8/08.

**PROJECT DESCRIPTION:**

Paving of roads to include Woolfolk, Twilight Lane/Blaydes Corner, Sullivan Road, Mastin Lane, Parker Lane, Mallard Point Lane, Ryland Payne Road, Wigglesworth Road and White Shop Lane. These will be VDOT-managed projects.

PROJECT OBJECTIVE:

Hard surface the unpaved roads ranked as "Fair" using the traffic volumes as the second screening criterion.

TOTAL CAPITAL PROJECT COST:

\$3,738,727

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:

Planning & Design	Property Acquisition	Construction/Implementation
N/A	N/A	FY 2015 - FY 2016

PRIOR YEAR BUDGETS:

\$1,215,127

COSTS PROJECTED BEYOND CIP PERIOD:

\$0

Projected Project Revenues & Expenditures

FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
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Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$1,288,800	\$1,234,800	\$0	\$0	\$0	\$2,523,600
State Aid	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue - Transportation Fund	\$0	\$0	\$0	\$0	\$0	\$0
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other (Interest Earnings)	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$1,288,800	\$1,234,800	\$0	\$0	\$0	\$2,523,600

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$1,288,800	\$1,234,800	\$0	\$0	\$0	\$2,523,600
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$1,288,800	\$1,234,800	\$0	\$0	\$0	\$2,523,600

Estimated Add'l Operational Costs

- Debt service	\$119,214	\$246,129	\$239,995	\$233,861	\$227,726	\$1,066,925
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$119,214	\$246,129	\$239,995	\$233,861	\$227,726	\$1,066,925

DEPARTMENT:

Capital Projects Management

PROJECT NAME:

Hickory Ridge/Rt 1 Intersection Improvements

PROJECT CONTACT/PHONE #:

Wayne Brooks, 507-7001

PROJECT LOCATION:

Intersection of Hickory Ridge Road and Rt. 1



PROJECT DESCRIPTION:

Design, acquire right of way, relocate utilities and construction to install a new Rt. 1 northbound left turning lane for westbound Hickory Ridge Road; install an eastbound right turning lane on Hickory Ridge Rd. for southbound Rt. 1; stripe the existing eastbound lane on Hickory Ridge Road for left turning traffic to northbound Rt. 1; install a new southbound right turn lane for westbound Hickory Ridge Road. Install a new traffic signal if the VDOT traffic signal warrants are met. This will be a VDOT-managed project.

PROJECT OBJECTIVE:

Eliminate traffic accidents caused by the lack of a left turn storage lane for northbound Rt 1 traffic turning westbound onto Hickory Ridge Road. The installation of a new traffic signal, if VDOT warrants are met, will eliminate side angle collisions with left turning traffic from westbound Hickory Ridge Road conflicting with uncontrolled southbound Rt 1 through traffic.

TOTAL CAPITAL PROJECT COST:

\$1,945,000

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:

Planning & Design	Property Acquisition	Construction/Implementation
FY 2015	FY 2016	FY 2017

PRIOR YEAR BUDGETS:

\$0

COSTS PROJECTED BEYOND CIP PERIOD:

\$0

Projected Project Revenues & Expenditures

FY 2016	FY 2017	FY 2018	FY 2018	FY 2019	5-Year Total
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Financing/Funding Methods:

Proffers	\$15,000	\$0	\$0	\$0	\$0	\$15,000
General Obligation Bond	\$785,000	\$1,145,000	\$0	\$0	\$0	\$1,930,000
State Aid	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue - Transportation Fund	\$0	\$0	\$0	\$0	\$0	\$0
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$800,000	\$1,145,000	\$0	\$0	\$0	\$1,945,000

Projected Capital Expenditures:

Land	\$600,000	\$0	\$0	\$0	\$0	\$600,000
Professional Services	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Construction	\$0	\$1,145,000	\$0	\$0	\$0	\$1,145,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$800,000	\$1,145,000	\$0	\$0	\$0	\$1,945,000

Estimated Add'l Operational Costs

- Debt service	\$72,613	\$191,169	\$186,353	\$181,536	\$176,719	\$808,390
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$72,613	\$191,169	\$186,353	\$181,536	\$176,719	\$808,390

DEPARTMENT:

Capital Projects Management

PROJECT NAME:

Signal Installation at Balls Bluff & Spotsylvania Parkway

PROJECT CONTACT/PHONE #:

Wayne Brooks, 507-7001

PROJECT LOCATION:

Intersection of Balls Bluff and Spotsylvania Parkway.



PROJECT DESCRIPTION:

Installation of a signal light at the intersection of Balls Bluff and Spotsylvania Parkway.

PROJECT OBJECTIVE:

Improve safety for the left turn movements from and to the side streets, from Spotsylvania Parkway. Reduce side angle collisions.

TOTAL CAPITAL PROJECT COST:

\$265,000

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:

	Planning & Design	Property Acquisition	Construction/Implementation
FY 2015		N/A	FY 2016

PRIOR YEAR BUDGETS:

\$0

COSTS PROJECTED BEYOND CIP PERIOD:

\$0

Projected Project Revenues & Expenditures

FY 2016	FY 2017	FY 2018	FY 2018	FY 2019	5-Year Total
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Financing/Funding Methods:

Proffers	\$150,000	\$0	\$0	\$0	\$0	\$150,000
General Obligation Bond	\$115,000	\$0	\$0	\$0	\$0	\$115,000
State Aid	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue - Transportation Fund	\$0	\$0	\$0	\$0	\$0	\$0
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$265,000	\$0	\$0	\$0	\$0	\$265,000

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$45,000	\$0	\$0	\$0	\$0	\$45,000
Construction	\$220,000	\$0	\$0	\$0	\$0	\$220,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$265,000	\$0	\$0	\$0	\$0	\$265,000

Estimated Add'l Operational Costs

- Debt service	\$10,638	\$10,393	\$10,149	\$9,904	\$9,660	\$50,744
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$10,638	\$10,393	\$10,149	\$9,904	\$9,660	\$50,744

DEPARTMENT: Capital Projects Management

PROJECT NAME: Study & Preliminary Engineering for Widening of Morris / Mudd Tavern Road

PROJECT CONTACT/PHONE #: Wayne Brooks, 507-7001

PROJECT LOCATION: Morris/Mudd Tavern Road between Rt. 1 and I-95



PROJECT DESCRIPTION: This project will focus on study of and preliminary engineering for widening of Morris/Mudd Tavern Road between Rt. 1 and I-95 in the Thornburg area of Spotsylvania. The County will initiate the study phase of the project, with VDOT to administer the majority of the project.

PROJECT OBJECTIVE: Determine the road geometry (number of through lanes; median crossovers; entrance locations/right turning lanes or continuous right turn auxiliary lane; potential signalized intersection) along this segment of Rt 606. Several new retail/commercial developments with individual access driveways have prompted the need for this study to ensure safe and efficient access is achieved without causing backups onto I-95.

TOTAL CAPITAL PROJECT COST: \$500,000

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:	Planning & Design	Property Acquisition	Construction/Implementation
FY 2015		N/A	N/A

PRIOR YEAR BUDGETS: \$0

COSTS PROJECTED BEYOND CIP PERIOD: \$0

Projected Project Revenues & Expenditures

FY 2016	FY 2017	FY 2018	FY 2018	FY 2019	5-Year Total
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Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$250,000	\$0	\$0	\$0	\$0	\$250,000
State Aid	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue - Transportation Fund	\$0	\$0	\$0	\$0	\$0	\$0
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$500,000	\$0	\$0	\$0	\$0	\$500,000

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$500,000	\$0	\$0	\$0	\$0	\$500,000

Estimated Add'l Operational Costs

- Debt service	\$23,125	\$22,594	\$22,063	\$21,531	\$21,000	\$110,313
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$23,125	\$22,594	\$22,063	\$21,531	\$21,000	\$110,313

DEPARTMENT:

Capital Projects Management

PROJECT NAME:

Improvements to Interchanges at Exits 118 and 126

PROJECT CONTACT/PHONE #:

Wayne Brooks, 507-7001

PROJECT LOCATION:



PROJECT DESCRIPTION:

Phasing and options of improvements to the I-95 interchanges at Thornburg (exit 118) and Massaponax (exit 126) are currently being studied and discussed by VDOT. The \$10 million placeholder in FY 2015 and FY 2016 is meant to "max out" the amount the County can request from VDOT in matching funds through the State's revenue sharing program. The \$10 million placeholder in FY 2015 is for the FY 2016 revenue sharing process and the \$10 million placeholder in FY 2016 is for the FY 2017 revenue sharing process. These will be VDOT-managed projects.

PROJECT OBJECTIVE:

Improve the movement of traffic at the Exit 118 and Exit 126 interchanges and the roads in those areas.

TOTAL CAPITAL PROJECT COST:

\$20,000,000

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:

	Planning & Design	Property Acquisition	Construction/Implementation
FY 2015		N/A	N/A

PRIOR YEAR BUDGETS:

\$0

COSTS PROJECTED BEYOND CIP PERIOD:

\$0

Projected Project Revenues & Expenditures

	FY 2016	FY 2017	FY 2018	FY 2018	FY 2019	5-Year Total
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Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$10,000,000	\$10,000,000	\$0	\$0	\$0	\$20,000,000
State Aid	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue - Transportation Fund	\$0	\$0	\$0	\$0	\$0	\$0
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$10,000,000	\$10,000,000	\$0	\$0	\$0	\$20,000,000

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$10,000,000	\$10,000,000	\$0	\$0	\$0	\$20,000,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$10,000,000	\$10,000,000	\$0	\$0	\$0	\$20,000,000

Estimated Add'l Operational Costs

- Debt service	\$925,000	\$1,953,750	\$1,905,000	\$1,856,250	\$1,807,500	\$8,447,500
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$925,000	\$1,953,750	\$1,905,000	\$1,856,250	\$1,807,500	\$8,447,500

DEPARTMENT:

Capital Projects Management

PROJECT NAME:

Transportation - General Engineering Consultant

PROJECT CONTACT/PHONE #:

Wayne Brooks, 507-7001

PROJECT LOCATION:

Various locations of transportation projects.
County Administrator to approve expenditures on as needed basis.



PROJECT DESCRIPTION:

Fund minor expenditures such as transportation project studies, data collection and cost estimates to be done by qualified professionals. Grant applications and FAMPO funding requests dictate qualified professionals to develop costs.

PROJECT OBJECTIVE:

Obtain Regional Surface Transportation Program (RSTP), Congestion Mitigation Air Quality (CMAQ), Virginia Rail and Public Transportation (VDRPT) funding allocations / grants using credible cost estimates and analyses performed by qualified professionals.

TOTAL CAPITAL PROJECT COST:

\$60,000

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:

Planning & Design	Property Acquisition	Construction/Implementation
on-going	N/A	on-going

PRIOR YEAR BUDGETS:

COSTS PROJECTED BEYOND CIP PERIOD:

\$0

Projected Project Revenues & Expenditures

FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total
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Financing/Funding Methods:

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aid	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue - Transportation Fund	\$0	\$0	\$20,000	\$20,000	\$20,000	\$60,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ()	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected/Requested Funding	\$0	\$0	\$20,000	\$20,000	\$20,000	\$60,000

Projected Capital Expenditures:

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$20,000	\$20,000	\$20,000	\$60,000
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Total Projected Capital Expenditures	\$0	\$0	\$20,000	\$20,000	\$20,000	\$60,000

Estimated Add'l Operational Costs

- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
Total Est Add'l Operational Costs	\$0	\$0	\$0	\$0	\$0	\$0

School Capital Projects



School Capital Projects

Transportation (FY 15 – FY 19 costs = \$17,066,704)

Purchase of replacement school buses. These vehicles include 98 77-passenger buses, 28 buses for special needs students, 5 Type A buses, and 8 Head Start buses. Also included is purchase of a replacement GPS system.

Capital Maintenance (FY 15 – FY 19 costs = \$32,051,453)

Funding for this project addresses capital maintenance for existing School facilities and includes repair and/or replacement of items such as HVAC systems, roof systems, fire alarm systems, humidity control, resurfacing of parking lots, running tracks, refurbishing bleachers, telephone/intercom systems, flooring/carpeting, painting, replacement of window/door hardware, field unit vehicle replacements, etc.

Technology Replacements/Upgrades (FY 15 – FY 19 costs = \$16,621,890)

Funding for this project includes but is not limited to the upgrading and/or replacing of computers, switches, cables, servers, blade servers, laptops, controllers, wireless systems and disk expansion throughout the school division.



Utilities Capital Projects



Utilities Capital Projects

General Projects

Utility Lab/Office Expansion (FY 15 – FY 19 costs = \$6,500,000)

The growth of the Utility department's GIS, Engineering and Field Services Division and laboratory has resulted in a shortage of office, meeting and storage space. The laboratory bench space is not adequate to accommodate current testing that is being performed. These funds will be used for expansion of the existing administrative buildings, equipment storage buildings, and lab.

Security Improvements (FY 15 – FY 19 costs = \$300,000)

This project consists of the vulnerability assessments and mitigation work required to protect the County's water and sewage systems from destructive activities by vandals, disgruntled employees, and domestic and international terrorists. It will include cameras, system monitors and recorders, and an automated gate with entry card system. Federal agencies have indicated on many occasions that water and sewer works are potential targets for terrorist activities and the County has a responsibility to protect our citizens' health and safety. The Public Health Security and Bioterrorism Preparedness and Response Act of 2002 (PL 107-188) amended the Safe Drinking Water Act (§4133(a)(1)) to require vulnerability assessment for waterworks within the United States.

Telemetry/SCADA (FY 15 – FY 19 costs = \$200,000)

This project is implementation of a SCADA system to remotely monitor and evaluate water and sewer transmissions. SCADA monitoring of all pressure control zones, providing real time movement of water between pressure zones and from finish pumps at the Ni and Motts water treatment plants throughout the system. Monitor storage tank levels, rate of fill and system pressure at zone interface while assessing sewer pump station functionality on a priority basis.

Manhole Rehabilitation Program (FY 15 – FY 19 costs = \$50,000)

This program identifies manholes in the collection system with structural deficiencies and/ or inflow and infiltration issues requiring extensive repair. These manholes are found during manhole inspections to identify signs of severe inflow and infiltration issues, or signs of deterioration due to hydrogen sulfide and/or general aging. These manholes will be rehabilitated in place thus minimizing impacts to customer service and the environment while preserving the integrity of the collection system. The upcoming project includes manholes in the Sheraton Hills, Stoneybrooke and Spotslee areas.

System Improvement Opportunities with Developers (FY 15 – FY 19 costs = \$300,000)

Extension/enlargement of water/sewer lines throughout the county to coincide with local improvements and development.

Water Projects

Motts Run Water Treatment Plant Expansion (FY 15 – FY 19 costs = \$19,480,000)

This project includes funding for the project management and construction of Motts Run Water Treatment Plant (WTP) expansion, and Rappahannock River Raw Water Intake. Demand projections show expansion of Motts Run WTP will be required in the next few years. Planning began in FY 2008. The plant will be expanded from 15 to 24 million gallons per day (MGD).

Motts Filter Improvements (FY 15 – FY 19 costs = \$300,000)

The existing filter media is granular activated carbon (GAC). GAC has a useful life of approximately 5-7 year before it loses its absorptive properties. The media was last replaced in 2006 and is due to be replaced. The filter improvements will replace the filter media and make any necessary repairs to the underdrains that support the media.

Morris Road 8" Waterline Relocation (FY 15 – FY 19 costs = \$400,000)

This project will relocate existing 8" waterline at Morris Road west, outside of VDOT Betterment project limits.

Ni River Water Treatment Plant Improvements (FY 15 – FY 19 costs = \$11,700,000)

This project consists of replacement of three different proprietary coagulation and flocculation systems with a single system, improvements to the filtration system, modernization of the control system, replacement of the undersized residuals force main, and other improvements. The project is necessary to assure that the plant can treat and deliver its permitted 6 MGD of production. The project will also improve plant reliability and redundancy.

Thornburg Water Transmission Improvements (FY 15 – FY 19 costs = \$4,208,000)

This project includes funding for water transmission improvement projects between Four Mile Fork and Thornburg. Projects include a 24" main from Lee's Park to Rt. 1, and a 16" line betterment with the Rt. 1/Rt. 606 intersection improvement project at Thornburg. Funding also includes a water storage tank for the Thornburg area.

New Post Water Transmission Facilities (FY 15 – FY 19 costs = \$1,000,000)

This project will consist of the replacement of 12" water line from Benchmark Road to New Post.

Tank Maintenance (FY 15 – FY 19 costs = \$745,000)

Funding is needed for the painting and rehabilitation of three water storage tanks – the Battlefield tank, the Courtland tank, and the Onduline tank.

Falcon Drive Extension of 12" Waterline (FY 15 – FY 19 costs = \$200,000)

This waterline extension project will close a loop between Mine Road and Lafayette Boulevard for improvement of fire flows and water pressure.

12" Waterline – Violet Drive (FY 15 – FY 19 costs = \$300,000)

This project will replace an aging and inaccessible waterline behind houses along Violet Drive.

16" Waterline – Andora Drive to Sawhill (FY 15 – FY 19 costs = \$3,000,000)

This project includes funding for water distribution and transmission to increase supply capabilities to the western Five Mile Fork and American Central areas. The water main will aid the existing American Central line in supplying areas located near the main and also fortify the supply to the new Sawhill and American Central tanks. These areas are expected to experience demand growth in build out conditions. The project is identified in the 2002 Revision to the Water/Sewer Master Plan.

Water Meter Replacement Program (FY 15 – FY 19 costs = \$300,000)

This is a preventative maintenance program to replace meters within the system based on American Water Works Association (AWWA) regulations and recommended business practices. Proactive maintenance of meters and replacements ensures optimum operating efficiency. Aging meters fail to register accurate water usage, increasing water loss and the loss of usage-based revenue.

Brock Road 12" Waterline (FY 15 – FY 19 costs = \$200,000)

This project will replace the existing waterline that runs between Brock Road and Jackson Trail West. The existing waterline is aging and difficult to access and maintain. It will run up Brock Road to Brock Road Elementary and then cross along a power line to connect in at Jackson Trail West.

Rappahannock Raw Water Pump Station Improvements (FY 15 – FY 19 costs = \$1,250,000)

This project will consist of the installation of a 12 MGD per pump with a variable frequency drive and the replacement of an existing 6 MGD per pump with a variable frequency drive. The motor control centers that drive all raw water pumps will also be upgraded to allow for greater pumping reliability and control during high use and emergency conditions.

Rt. 1 / Rt. 606 Waterline Improvements (FY 15 – FY 19 costs = \$120,000)

The project includes upgrade and extension of existing waterlines within the project limits of the proposed VDOT roadway improvements project at Rt. 1 and Route 606.

Harrison Road/Rt. 1 Waterline Improvements (FY 15 – FY 19 costs = \$300,000)

The project includes upgrade and extension of existing waterlines within the project limits of the proposed VDOT Roadway Improvements at Rt. 1 & Harrison Road.

Spotswood 2" Line Upgrade (FY 15 – FY 19 costs = \$250,000)

This project will replace current 2" lines with 6" lines to improve product delivery, fire protection and reduce service interruptions to customers in this area.

12" Line Replacements (FY 15 – FY 19 costs = \$700,000)

This project will replace existing water lines in Catlett Farm and Hilldrup Farm areas with ductile iron.

Waverly Village 2" Line Upgrade (FY 15 – FY 19 costs = \$150,000)

This project will replace current 2" lines with 6" lines to improve product delivery, fire protection and reduce service interruptions to customers in this area.

Calhoun/Kilarney Waterline Connection (FY 15 – FY 19 costs = \$200,000)

This project involves connection of existing lines for improved flows and redundancy in the area of Calhoun Drive and Kilarney Drive.

Old Greenwich 2" Line Upgrade (FY 15 – FY 19 costs = \$250,000)

This project will replace current 2" lines with 6" lines to improve product delivery, fire protection and reduce service interruptions to customers in this area.

Sewer Projects

I-95 to Woodland Drive – Phase II (FY 15 – FY 19 costs = \$800,000)

A sewer line will be installed from I-95 to Woodland Drive to remove two pump stations and finish the Long Branch Interceptor.

Elimination of Pump Stations 3 & 6 (FY 15 – FY 19 costs = \$420,000)

This project is planned to eliminate two pump stations by construction a gravity line to a new down-gradient pump station.

Old Greenwich Townhouses Sewer Replacement (FY 15 – FY 19 costs = \$500,000)

This project involves replacement of failing sewer infrastructure at the Old Greenwich townhouses.

Fawn Lake Pump Stations 27 & 58 (FY 15 – FY 19 costs = \$500,000)

This project will rebuild pump station 58 and eliminate pump station 27 by constructing a gravity line to pump station 58.

Sheraton Hills Rehabilitation (FY 15 – FY 19 costs = \$1,000,000)

This project will re-line existing sewer lines in Sheraton Hills to extend the service life of the sewer infrastructure.

Wastewater Collection Extensions to Existing Developments (FY 15 – FY 19 costs = \$100,000)

The project will extend the sanitary sewers into existing developments without public sewer and/or into areas with failing septic systems.

Waverly Village Rehabilitation (FY 15 – FY 19 costs = \$615,000)

This project will re-line existing sewer lines in Waverly Village to extend the service life of the sewer infrastructure.

Thornburg Wastewater Transmission Improvements (FY 15 – FY 19 costs = \$4,500,000)

This project includes funding for wastewater transmission improvement projects to serve the Thornburg area as proposed by the 2002 Revision to the Water/Sewer Master Plan. Projects include a 2,100 gallons per minute (GPM) Pump Station at Po/Ni confluence, a 14" force main from the Thornburg Development District to Massaponax Creek Drainage Basin, a 48" Rt. 17 Interceptor from the Massaponax Creek Interceptor to the force main point of discharge, a 42" Lower Po River Interceptor along the Po River to the west side of Interstate 95, and a 30" trunk main from the termination of the Lower Po River Interceptor to pick up existing Thornburg Wastewater Treatment Plant and Matta River drainage basin flows.

FMC Infrastructure Improvements (FY 15 – FY 19 costs = \$3,487,500)

This project includes replacement of the plant belt-press, generator, and lagoon liner. The belt-press and generator projects are necessary to replace equipment that has exceeded its useful life expectancy. Also, this project will allow us to replace the bioreactor basin liners to prevent leakage of wastewater to groundwater. These liners are repaired on an annual basis and are nearing the end of their useful lives.

Piedmont Drive – Pump Station 43 and 16 Abandonment (FY 15 – FY 19 costs = \$250,000)

This project will extend sewer lines to eliminate pump stations 43 and 16 from Piedmont Drive to Battlefield Green.

Replacement of Pump Station 24 (FY 15 – FY 19 costs = \$2,500,000)

This project will replace an existing, aging, underground pump station, moving it across Ni River off National Park Service property and replacing two other pump stations with gravity sewer.

Lafayette Crossing Pump Station Abandonment (FY 15 – FY 19 costs = \$400,000)

This project is for the abandonment of a pump station behind Lafayette Village that could flow to existing sewer lines through gravity. A portion of the sewer line would have to be built through National Park Service land.

Biosolids Handling (FY 15 – FY 19 costs = \$75,000)

This project includes funding to replace significant equipment used in the operation of the biosolids composting facility. Equipment includes mixers, scales, conveyors, variable speed fans, humidification units SCADA equipment.

Replacement Equipment – Field Services (FY 15 – FY 19 costs = \$1,115,000)

This project includes funding to replace significant equipment used in operations of the water and sewer system. Equipment includes items such as jet vac trucks, box van/tv trucks, dump trucks, backhoes, and an excavator.

Replacement Equipment – Composting (FY 15 – FY 19 costs = \$1,665,000)

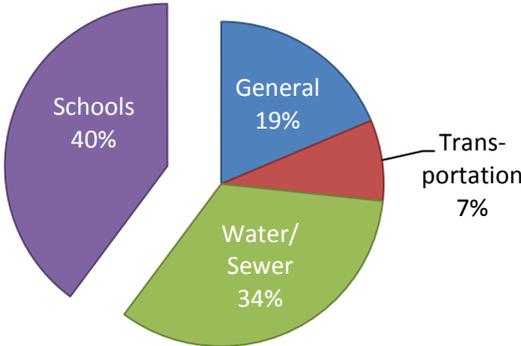
This project includes funding to replacement significant equipment used in the composting operation. Equipment includes loaders, trommels/trommel screens, dump trucks, and bulldozer attachments.



Debt Service

Spotsylvania County is responsible for outstanding debt remaining on various financings undertaken for the purpose of funding general County projects, School projects, transportation projects, and water and sewer projects. Total existing debt that will be outstanding in all funds as of June 30, 2014 is \$408.7 million and is broken down as follows:

Debt Type	Balance – June 30, 2014
General projects	\$76.2 M
Transportation projects*	\$32.8 M
Water and sewer projects	\$137.0 M
School projects	\$162.7 M
Total	\$408.7 M



* Excludes bonds issued for transportation projects for which Special Service District taxes are in place to *fully* fund the debt service.

Counties in Virginia are not subject to legal debt limits. However, Spotsylvania’s financial policies include the following debt guidelines related to debt for County, School, and transportation projects:

- Net debt as a percentage of estimated taxable market value should not exceed 3% – 4%;
- The ratio of debt service expenditures as a percent of governmental fund expenditures should not exceed 10% – 12%; and
- The County intends to maintain its 10 year tax-supported debt and lease payout ratio at or above 60% at the end of each adopted CIP. The payout ratio shall be no less than 55% in any one year during that period.

An assessment of these ratios relative to existing debt and debt anticipated based on the Recommended CIP begins on page 109.

Separate from the debt guidelines outlined above for County, School, and transportation projects are the County’s debt guidelines for Utilities projects. These Utilities debt guidelines are as follows:

- The Utilities Fund balance must be at least 100% of the average of total revenues for the last three years;
- Revenues remaining after operational expenditures other than debt service must be sufficient to cover debt service 1.3 times; and
- Operating revenues as a percent of operating expenditures including debt service must be at least 100%.

Additionally, the financial policies include a referendum policy which requires financings related to construction projects to be approved through voter referendum prior to the issuance of debt unless such projects are financed through revenue-supported mechanisms (i.e., water/sewer revenue bonds).

The 2001, 2005 and 2006 voter-approved referenda authorized the County to borrow a total of \$372.0 million for purposes of fire/rescue station construction and equipment purchases, transportation projects, library and parks projects, public safety and general government purposes, and school construction and technology purchases. At the end of FY 2015, \$218.7 million will have been borrowed against this referenda authority.

The following table shows the potential impact on the tax rate stated at the time of each referendum:

Referendum	Purpose	Potential Tax Rate Impact*
2001	Fire/Rescue	\$0.05 per \$100
2005	Transportation	\$0.10 per \$100
2005	Library & Parks	\$0.01 per \$100
2005	Public Safety	\$0.06 per \$100
2005	Schools	\$0.05 per \$100
2006	Schools	\$0.04 per \$100
		\$0.31 per \$100

* This is the potential tax rate impact identified in materials distributed at the time of the referenda. Tax rate impact calculations were based on the value of one penny on the real property tax rate at the time of the referenda.

There have been two tax rate increases specifically tied to repayment of the debt service associated with these borrowings:

- A \$0.02 tax rate increase in calendar year 2005 for the purpose of funding fire/rescue debt service; and
- A \$0.01 tax rate increase in calendar year 2010 was approved for general County debt service.

Following are the amortization schedules for general, transportation, schools, and utilities debt. Each schedule shows existing debt service. The schedules include the debt service associated with \$42.4 million planned for issuance in Summer 2014 for Judicial Center renovations; the public safety radio system; fire equipment replacements; transportation projects; various school capital maintenance, technology and bus replacements; and water and sewer projects.

General and Transportation Debt

TOTAL GENERAL & TRANSPORTATION DEBT - SPOTSYLVANIA COUNTY						
	<u>Existing Debt¹</u>		<u>New Debt</u>		<u>Total Debt</u>	
	Principal	Interest	Principal	Interest	Principal	Interest
2015	\$6,873,178	\$4,618,679	\$1,085,805	\$888,573	\$7,958,983	\$5,507,252
2016	6,937,418	4,381,323	1,085,805	842,426	8,023,223	5,223,749
2017	7,090,167	4,132,926	1,085,805	796,279	8,175,972	4,929,206
2018	7,228,089	3,885,331	1,085,805	750,133	8,313,894	4,635,464
2019	7,141,198	3,639,574	1,085,805	703,986	8,227,003	4,343,560
2020	7,118,503	3,353,466	1,085,805	657,839	8,204,308	4,011,306
2021	7,217,017	3,064,455	1,085,805	611,693	8,302,822	3,676,148
2022	7,333,044	2,753,427	1,085,805	565,546	8,418,849	3,318,972
2023	7,508,044	2,428,659	1,085,805	519,399	8,593,849	2,948,058
2024	7,484,462	2,086,425	1,085,805	473,252	8,570,266	2,559,677
2025	7,189,462	1,737,168	1,085,805	427,106	8,275,266	2,164,274
2026	7,281,462	1,405,412	1,085,805	380,959	8,367,266	1,786,371
2027	7,476,462	1,057,424	984,472	334,812	8,461,204	1,392,236
2028	3,476,462	689,224	984,742	292,961	4,461,204	982,185
2029	3,486,462	518,441	984,742	251,109	4,471,204	769,550
2030	3,501,462	345,520	984,742	209,258	4,486,204	554,778
2031	1,641,462	201,340	984,742	167,406	2,626,204	368,746
2032	1,336,884	133,411	984,742	125,555	2,321,626	258,966
2033	746,884	77,426	984,742	83,703	1,731,626	161,129
2034	460,000	42,600	984,742	41,852	1,444,742	84,452
2035	480,000	14,400	0	0	480,000	14,400
2036	0	0	0	0	0	0
	\$109,008,122	\$40,566,631	\$20,907,593	\$9,123,846	\$129,915,715	\$49,690,477

¹ Excludes bonds issued for transportation projects for which Special Service District taxes are in place to fully fund the debt service.

School Debt

TOTAL SCHOOLS DEBT - SPOTSYLVANIA COUNTY						
	<u>Existing Debt</u>		<u>New Debt</u>		<u>Total Debt</u>	
	Principal	Interest	Principal	Interest	Principal	Interest
2015	\$15,144,474	\$6,822,480	\$563,388	\$323,516	\$15,707,862	\$7,145,996
2016	14,794,684	6,169,699	563,388	299,572	15,358,072	6,469,271
2017	15,018,674	5,522,029	563,388	275,628	15,582,062	5,797,658
2018	13,127,984	4,878,259	563,388	251,684	13,691,372	5,129,943
2019	12,392,396	4,327,461	563,388	227,740	12,955,784	4,555,201
2020	10,982,956	3,814,435	563,388	203,796	11,546,344	4,018,231
2021	10,696,956	3,350,627	563,388	179,852	11,260,344	3,530,479
2022	10,522,956	2,898,577	350,800	155,908	10,873,756	3,054,485
2023	9,883,956	2,470,759	350,800	140,999	10,234,755	2,611,758
2024	8,033,538	2,071,095	350,800	126,090	8,384,338	2,197,185
2025	8,266,538	1,757,436	350,800	111,181	8,617,338	1,868,617
2026	8,183,538	1,436,719	350,800	96,272	8,534,338	1,532,992
2027	8,409,538	1,130,395	239,303	81,363	8,648,842	1,211,758
2028	5,819,538	664,363	239,303	71,193	6,058,842	735,556
2029	4,787,538	462,212	239,303	61,022	5,026,842	523,234
2030	3,394,538	277,786	239,303	50,852	3,633,842	328,638
2031	2,623,538	137,110	239,303	40,682	2,862,842	177,792
2032	273,116	13,929	239,303	30,511	512,419	44,440
2033	273,116	6,964	239,303	20,341	512,419	27,305
2034	0	0	239,303	10,170	239,303	10,170
2035	0	0	0	0	0	0
2036	0	0	0	0	0	0
	\$162,629,571	\$48,212,335	\$7,612,145	\$2,758,374	\$170,241,716	\$50,970,708

Utilities Debt

TOTAL UTILITIES DEBT - SPOTSYLVANIA COUNTY						
	Existing Debt		New Debt		Total Debt	
	Principal	Interest	Principal	Interest	Principal	Interest
2015	\$4,557,000	\$6,062,127	\$461,945	\$491,584	\$5,018,945	\$6,553,711
2016	5,197,000	5,867,176	461,945	491,584	5,658,945	6,358,760
2017	5,397,000	5,670,538	461,945	491,584	5,858,945	6,162,122
2018	5,636,000	5,456,457	461,945	491,584	6,097,945	5,948,041
2019	5,855,000	5,213,505	461,945	491,584	6,316,945	5,705,089
2020	6,088,000	4,974,270	461,945	491,584	6,549,945	5,465,854
2021	6,301,000	4,722,935	461,945	491,584	6,762,945	5,214,519
2022	6,583,000	4,439,350	461,945	491,584	7,044,945	4,930,934
2023	6,860,000	4,139,927	461,945	491,584	7,321,945	4,631,511
2024	7,157,000	3,825,912	461,945	491,584	7,618,945	4,317,496
2025	7,468,000	3,508,281	461,945	491,584	7,929,945	3,999,865
2026	7,767,000	3,175,263	461,945	491,584	8,228,945	3,666,847
2027	5,145,000	2,806,825	461,945	491,584	5,606,945	3,298,409
2028	5,357,000	2,569,978	461,945	491,584	5,818,945	3,061,562
2029	5,577,000	2,331,016	461,944	491,584	6,038,944	2,822,600
2030	5,790,000	2,086,966	461,944	491,584	6,251,944	2,578,550
2031	6,017,000	1,836,102	461,944	491,584	6,478,944	2,327,686
2032	6,257,000	1,572,352	461,944	491,584	6,718,944	2,063,936
2033	4,685,000	1,301,370	461,944	491,583	5,146,944	1,792,953
2034	4,864,000	1,092,664	461,944	491,583	5,325,944	1,584,247
2035	5,057,000	951,713	461,944	491,583	5,518,944	1,443,296
2036	3,925,000	725,836	461,944	491,583	4,386,944	1,217,419
2037	4,100,000	519,611	461,944	491,583	4,561,944	1,011,194
2038	1,750,000	314,581	461,944	491,583	2,211,944	806,164
2039	1,815,000	216,371	461,944	491,583	2,276,944	707,954
2040	1,880,000	114,525	461,944	491,583	2,341,944	606,108
2041	0	0	461,944	491,583	461,944	491,583
2042	0	0	461,944	491,583	461,944	491,583
2043	0	0	461,944	491,583	461,944	491,583
2044	0	0	461,944	491,583	461,944	491,583
2045	0	0	0	0	0	0
	\$137,085,000	\$75,495,653	\$13,858,334	\$14,747,508	\$150,943,334	\$90,243,161

