

# Capital Improvement Plan

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## ***Introduction***

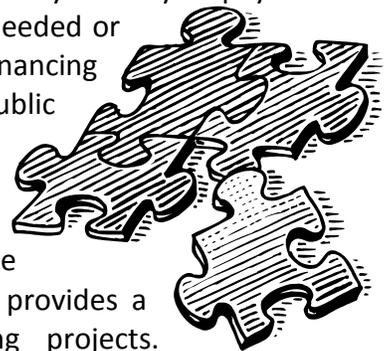
The Capital Improvement Plan (CIP) is a planning tool for development, modernization and/or replacement of County infrastructure, ensuring the County is able to maintain an effective level of services for citizens now and into the future. Each year the CIP is reviewed, priorities are reassessed, and 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:

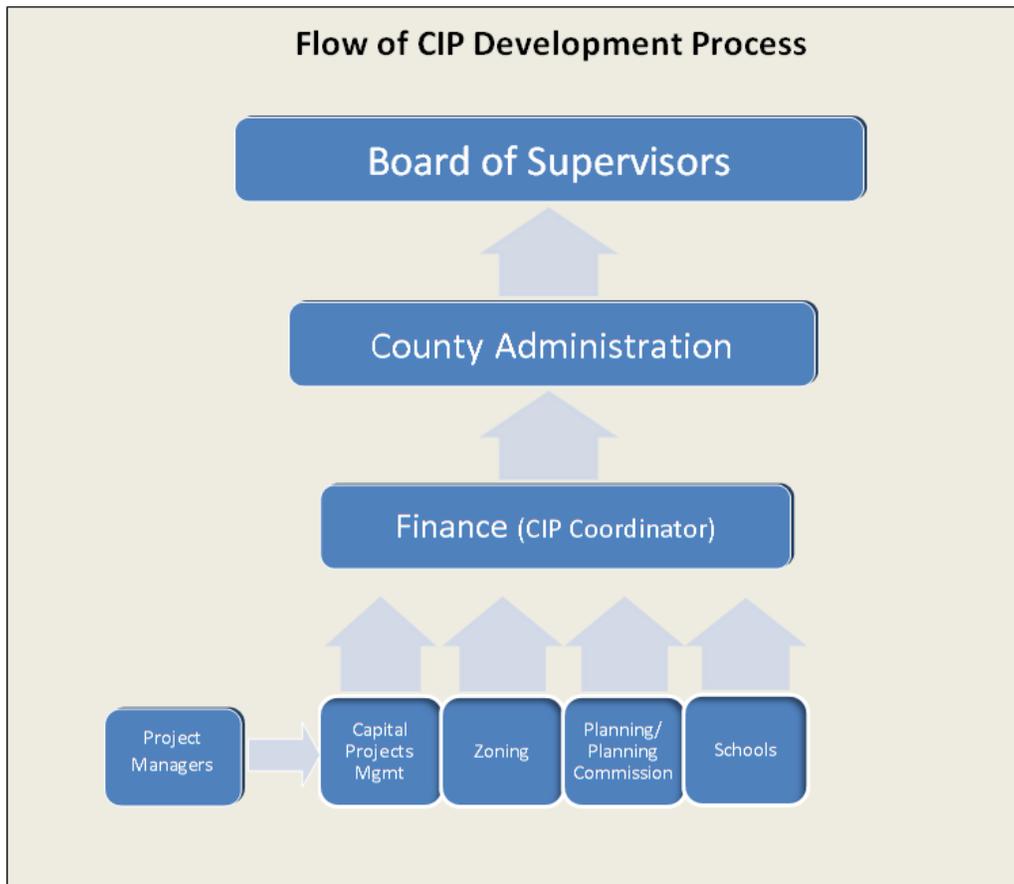
- **Current Revenue Financing** – Current revenue financing is often referred to as “pay as you go” financing. It is a fiscally conservative method of paying for capital improvements out of current taxes, fees, charges or special assessments. The County’s adopted Fiscal Policy Guidelines address this 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 Adopted Budget includes a FY 2014 transfer of 2.50% 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 2013 and before reserving the use planned in the FY 2014 Budget, the County’s General Fund balance is expected to exceed the 10% Fiscal

Stability Reserve policy guideline by 1.4 percentage points. The FY 2014 – FY 2018 Capital Improvement Plan assumes a transfer of \$3.4 million from the General Fund balance to the Capital Projects Fund for the Public Safety Radio System project in FY 2014.

- **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** – 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 2014 – FY 2018 CIP Development Calendar

November 1, 2012	CIP development kick-off
November 9, 2012	Project managers submit construction project requests/revisions to Capital Projects Management Department; non-construction project requests/revisions to Finance Department
November 9, 2012	Schools submit Schools' CIP to Finance
November 19, 2012	Capital Projects Management Department submits construction project summary sheets, detail project forms, and anticipated project schedules to Finance
November – December 2012	Staff reviews and prioritizes CIP requests
December 2012 / January 2013	Planning Department reviews draft CIP to ensure projects conform with Comprehensive Plan
February 20, 2013	Planning Commission reviews potential projects within the CIP for conformance with Comprehensive Plan
February 26, 2013	Presentation of County Administrator's FY 2014 Recommended Budget and CIP to Board of Supervisors
March 12, 2013	Board of Supervisors work session to discuss Recommended Budget and CIP
March 28, 2013	Tax Rate, Budget and CIP Public Hearings
April 2, 2013	Board of Supervisors work session to discuss Recommended Budget and CIP
April 4, 2013	Board of Supervisors to give general approval to FY 2014 – FY 2018 CIP
April 9, 2013	Adopt FY 2014 – FY 2018 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.

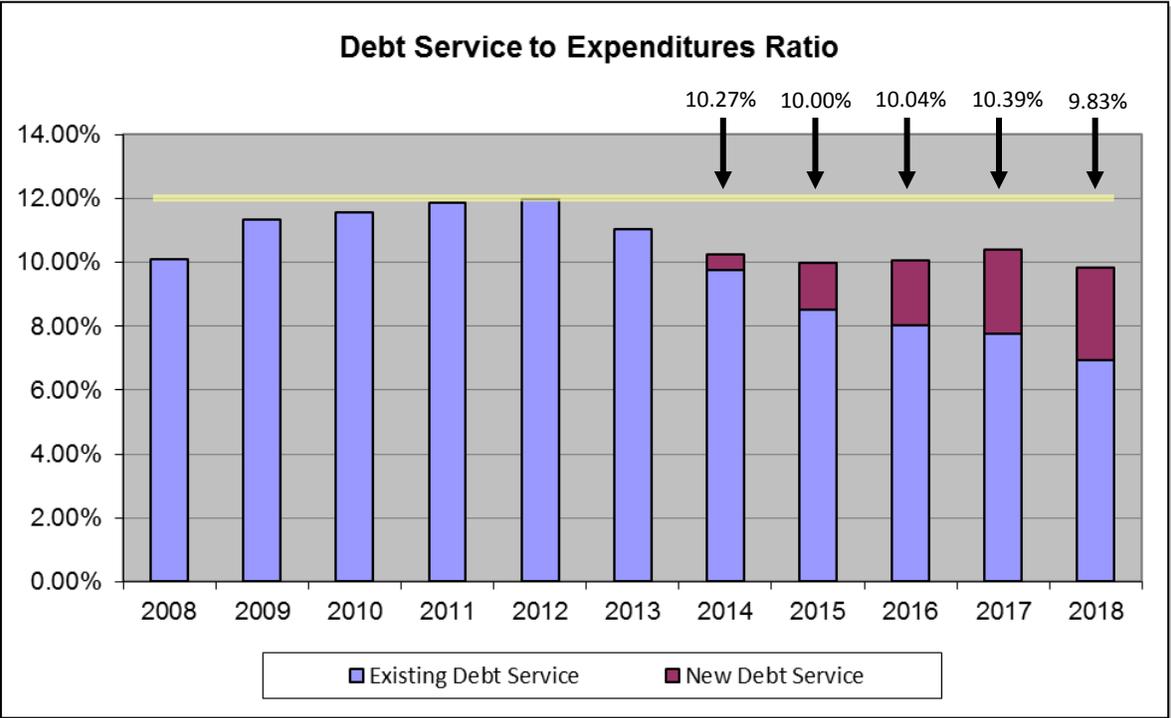
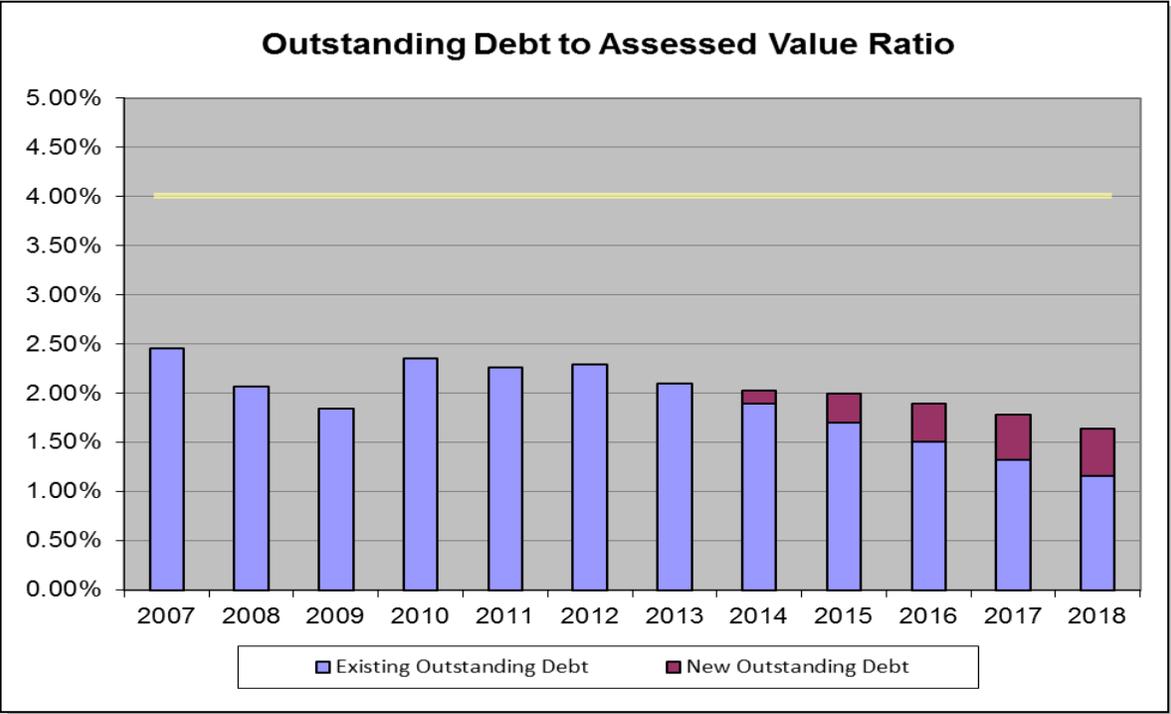
As staff prepared the CIP financial analysis to assess the ratios noted above, the following **assumptions** were in place:

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#### **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 3.75% for the Summer 2013 issuance and is fixed at 4.5% for each issuance thereafter.
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The graphs on the following page indicate that the FY 2014 – FY 2018 Adopted 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 2014, including the financings to be issued in Summer 2013, total general debt outstanding is estimated at \$301.4 million. At the end of FY 2023 – ten fiscal years beyond FY 2014 – the County will have repaid \$201.1 million (67.98%) of the debt outstanding at the beginning of FY 2014.

<b>10-Yr Payout Ratio (must be &gt; 55%)</b>	
<b>FY</b>	<b>Payout Ratio</b>
FY 2014	67.98%
FY 2015	71.55%
FY 2016	74.38%
FY 2017	78.40%
FY 2018	82.42%

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 2014, the transfer from the General Fund to the Capital Projects Fund is budgeted at \$5.6 million, or 2.50% of General Fund revenues. Additionally, \$3.4 million is transferred from the General Fund balance to the Capital Projects Fund to pay for the FY 2014 cost of the Public Safety Radio System project that otherwise would have been financed.

**Operating Impact**

The table below shows the potential impact that implementation of the FY 2014 – FY 2018 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 currently adopted real estate tax rate of \$0.88 per \$100 of assessed value is in place for 2013 and is equalized in the out-years. The “Additional D.S. Budget Needed” column represents the debt service that is over and above the debt service budgeted in FY 2014. The “Incremental Tax Rate Impact” shows the tax rate increase necessary each year to fund the Adopted CIP.

<b>FY 2014 – FY 2018 CIP’s Potential Impact on Tax Rate</b>									
<b>FY</b>	<b>Value of \$0.01</b>	<b>Debt Service Impact</b>			<b>Operational Impact</b>			<b>Total Estimated Impact</b>	
		<b>Add'l D.S Budget Needed</b>	<b>Estimated Tax Rate Impact</b>	<b>Incremental Tax Rate Impact</b>	<b>Add'l Operational Budget Needed</b>	<b>Estimated Tax Rate Impact</b>	<b>Incremental Tax Rate Impact</b>	<b>Estimated Tax Rate Impact</b>	<b>Incremental Tax Rate Impact</b>
2014	1,178,597	\$0	\$0.000	\$0.000	\$0	\$0.000	\$0.000	\$0.000	\$0.000
2015	1,199,244	-251,827	-0.002	-0.002	718,919	0.006	0.006	0.004	0.004
2016	1,229,285	736,705	0.006	0.008	760,059	0.006	0.000	0.012	0.008
2017	1,266,163	2,741,058	0.022	0.016	915,123	0.007	0.001	0.029	0.017
2018	1,304,148	1,554,739	0.012	-0.010	932,581	0.007	0.000	0.019	-0.010
				<b>\$0.012</b>			<b>\$0.007</b>		<b>\$0.019</b>

Given the projected CIP expenditures for the next five years, revenues will need to increase by the equivalent of 2.9 cents on the real property tax rate by FY 2017 to pay the costs of added debt service and operating costs, with the rate dropping by the equivalent of a penny in FY 2018 due to the payoff of existing debt service. Over the five year period, 63% of the added

costs are associated with debt service while the remaining 37% 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 115. Additionally, estimated annual operating costs including the debt service associated with each project are displayed in the project summary section beginning on page 149.

**FY 2014 Capital Projects**

The capital projects budgets for FY 2014 total \$32.4 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 2013 to fund certain County and Schools capital projects in FY 2014. Neither debt proceeds nor project expenditures associated with these financings are included in the FY 2014 Adopted Budget. Upon finalizing the financing of the FY 2014 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 2014 General Fund, Transportation Fund, and School Operating Fund budgets.

The following lists the capital projects, reserves and transfers, and staffing funds that are recommended for FY 2014:

Project	FY 2014 Project Cost	FY 2014 Budget	To Be Financed
<b>General Government Facilities:</b>			
Facility Asset Management	\$229,057	\$229,057	\$0
Replacement X-Ray Machines – Sheriff’s Office	70,000	70,000	0
<b>General Government Facilities Total</b>	<b>\$299,057</b>	<b>\$299,057</b>	<b>\$0</b>
<b>Information Technology:</b>			
Enhance/Replacement Public Radio System	\$9,496,834	\$9,496,834	\$0
Treasurer’s Legacy System Upgrade	160,000	160,000	0
UPS Upgrades	75,000	75,000	0
Case Management Software	90,000	90,000	0
Crime Scene Processing Equipment/Software	60,000	60,000	0
<b>Information Technology Total</b>	<b>\$9,881,834</b>	<b>\$9,881,834</b>	<b>\$0</b>
<b>Solid Waste:</b>			
Convenience Center Paving	\$160,000	\$160,000	\$0
Refuse Disposal Equipment Replacement	42,500	42,500	0
<b>Solid Waste Total</b>	<b>\$202,500</b>	<b>\$202,500</b>	<b>\$0</b>
<b>Fire/Rescue:</b>			
Replacement Fire Equipment	\$1,155,000	\$0	\$1,155,000
Replacement EMS Equipment	551,250	34,500	516,750
<b>Fire/Rescue Total</b>	<b>\$1,706,250</b>	<b>\$34,500</b>	<b>\$1,671,750</b>

Project	FY 2014 Project Cost	FY 2014 Budget	To Be Financed
<b>Transportation:</b>			
VRE Station & Parking Areas	\$2,000,000	\$1,232,588	\$767,412
Harrison Road/Rt 1 Intersection Improvements	2,158,000	0	2,158,000
Preliminary Design of Interchange Improvements at I-95 Exits 118 & 126	2,000,000	0	2,000,000
Unpaved Roads	1,148,400	0	1,148,400
Lanes Corner	1,474,812	1,474,812	0
General Engineering Consultants	20,000	20,000	0
<b>Transportation Total</b>	<b>\$8,801,212</b>	<b>\$2,727,400</b>	<b>\$6,073,812</b>
<b>Schools:</b>			
New/Replacement Buses	\$3,512,465	\$0	\$3,512,465
Capital Maintenance	5,783,086	377,608	5,405,478
Technology Replacements/Upgrades	2,811,056	0	2,811,056
<b>Schools Total</b>	<b>\$12,106,607</b>	<b>\$377,608</b>	<b>\$11,728,999</b>
<b>Utilities:</b>			
Utility Lab/Office Expansion	\$500,000	\$500,000	\$0
Security Improvements	200,000	200,000	0
Telemetry/SCADA	225,000	225,000	0
Water Treatment Plant SCADA Upgrades	300,000	300,000	0
Motts Filter Improvements	1,000,000	1,000,000	0
Motts Run Dam Repairs	2,500,000	2,500,000	0
Ni River Water Treatment Plant Improvements	5,800,000	5,800,000	0
New Water Source	50,000	50,000	0
Tank Maintenance	375,000	375,000	0
Motts Chlorine Gas Conversion to Hypochlorite	400,000	400,000	0
12" Waterline – Violet Drive	300,000	300,000	0
Chancellor Road Waterline Extension	100,000	100,000	0
Replace Lake Bottom Water Main/Pump Station	500,000	500,000	0
GPS Mapping	100,000	100,000	0
Water Meter Replacement Program	340,000	340,000	0
Brock Road 12" Waterline	500,000	500,000	0
Rt 3/Bragg Road Piping Replacement	250,000	250,000	0
Morris Road Waterline Relocation	140,000	140,000	0
Maple Grove 2" Waterline Upgrade	125,000	125,000	0
Mine Road Waterline Extension	150,000	150,000	0
Old Greenwich Sewer Replacement	500,000	500,000	0
Fawn Lake Pump Stations	850,000	850,000	0
Maple Grove Rehab	530,000	530,000	0
Hazel Run Phase II Pump Station Abandonment	769,000	769,000	0
Calhoun Drive Sewer Improvements	250,000	250,000	0
Replace Stonewall Pump Station & Force Main	650,000	650,000	0
Replace Equipment – Field Services	617,000	617,000	0
<b>Utilities Total</b>	<b>\$18,021,000</b>	<b>\$18,021,000</b>	<b>\$0</b>

Project	FY 2014 Project Cost	FY 2014 Budget	To Be Financed
<b>Other:</b>			
Capital Projects Management (personnel & op.)	\$328,294	\$328,294	\$0
Transfer to General Fund	303,127	303,127	0
Transfer to Transportation Fund	191,685	191,685	0
<b>Other Total*</b>	<b>\$823,106</b>	<b>\$823,106</b>	<b>\$0</b>
<b>Total FY 2014 Capital Projects Funds</b>	<b>\$51,841,566</b>	<b>\$32,367,005</b>	<b>\$19,474,561</b>

\*Items in "Other" category are excluded from the reports on pages 137 – 148.

### Capital Projects Fund Program Staffing

Department/Position	FY 2012	FY 2013	FY 2014
<b>Capital Projects Management</b>			
Director	1	0	0
Capital Construction Engineer	0	1	1
Facilities Project Manager	1	1	1
Office Assistant	1	1	1
<b>TOTAL FTEs</b>	<b>3</b>	<b>3</b>	<b>3</b>
<b>TOTAL FTEs Capital Projects</b>	<b>3</b>	<b>3</b>	<b>3</b>



**FY 2014 – FY 2018 CIP Summary**

The map, table, and spreadsheets on the following pages summarize the projects included in the FY 2014 – FY 2018 CIP. The map on page 134 shows the general location of each of the projects in the approved CIP other than technology and equipment purchases. The table on pages 135 - 136 accompanies the map and is a listing of approved CIP projects by project type and voting district. Finally, the spreadsheets on pages 138 – 148 show the anticipated funding by fiscal year for each project. Funding sources are identified on pages 138 – 148 by the following codes:

<b>Code</b>	<b>Description</b>
B	Approved bonds
C	Cash
CR	Concession revenues
D	Donations
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

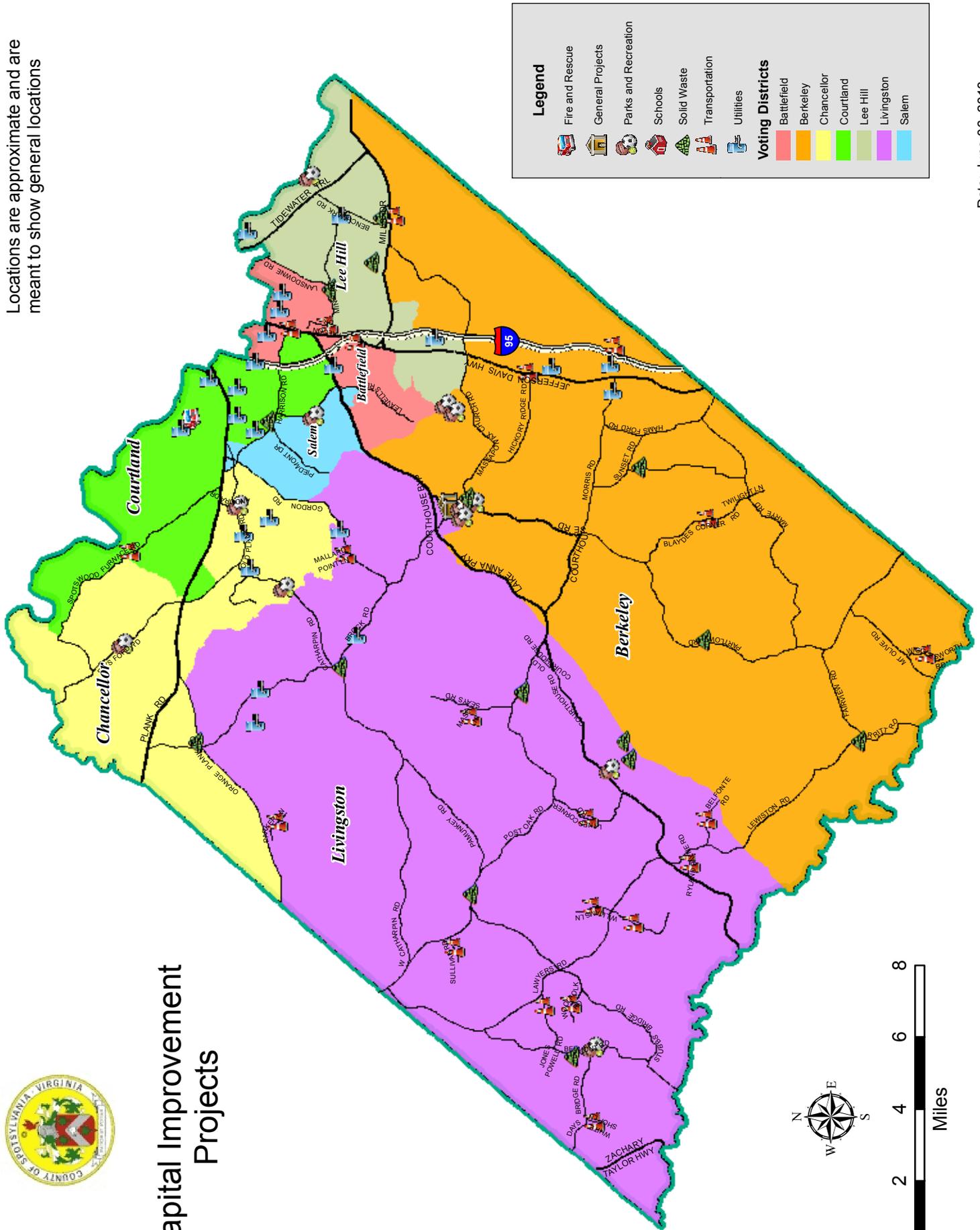
**Project Descriptions**

Descriptions of each of the projects and the costs of those projects within the FY 2014 - FY 2018 CIP may be found beginning on page 149.

Locations are approximate and are meant to show general locations



# Capital Improvement Projects

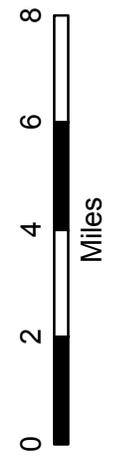


**Legend**

- Fire and Rescue
- General Projects
- Parks and Recreation
- Schools
- Solid Waste
- Transportation
- Utilities

**Voting Districts**

- Battlefield
- Berkeley
- Chancellor
- Courtland
- Lee Hill
- Livingston
- Salem



**District/Project Type/Project**

**Battlefield:**

-  Utilities Complex Expansion
-  Mine/Falcon/Spotsylvania Ave. Intersection Improvements (also Lee Hill)
-  Harrison/Rt 1 Intersection Improvements
-  Thornburg Wastewater Transmission Improvements (also Berkeley, Lee Hill)
-  Elimination of Pump Stations 3 & 6
-  Falcon Drive Waterline Extension
-  Old Greenwich Sewer Replacement
-  Hazel Run Phase II - Pump Station Abandonment (also Courtland)
-  Lafayette Crossing Pump Station Abandonment
-  Preliminary Design of in Interchange Improvements at I-95 Exit 118 (also Lee Hill)
- Berkeley:**
-  Judicial Center Renovation
-  Renovation of Sheriff's Office
-  Marshall Center Auditorium Upgrades
-  Marshall Park Upgrades
-  Repaving at Legion Field complex
-  VRE Station and Parking Area
-  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
-  Thornburg Lagoon Liner Replacement
-  Repaving at Marshall Park Convenience Site
-  Hickory Ridge/Rt 1 Intersection Improvements
-  Preliminary Design of in Interchange Improvements at I-95 Exit 118
-  Morris Road Waterline Relocation

**Chancellor:**

-  Hunting Run, Phase II
-  Ni River Park
-  Resurfacing of Tennis Courts (also Lee Hill & Salem)
-  Installation of 42" Waterline - Violet Drive
-  Installation of 16" Waterline - Andora Drive to Sawhill
-  Paving of Spotswood Furnace Road (also Courtland)
-  Repaving at Wilderness Convenience Site
-  Stonewall Estates Pump Station Replacement
-  Chancellor Road Waterline Extension

**District/Project Type/Project**

**Courtland:**

-  Regional Fire Training Center
-  Phase II - I-95 to Woodland Drive
-  Motts Run Water Treatment Plant/Filter/Dam Improvements
-  Paving of Spotswood Furnace Road (also Chancellor)
-  Sheraton Hills Sewerline Rehabilitation
-  Maple Grove Sewerline Rehabilitation
-  Waverly Village Sewerline Rehabilitation
-  Calhoun Drive Sewer Improvements
-  Hazel Run Phase II - Pump Station Abandonment (also Battlefield)
-  Repaving at Chancellor Convenience Site
-  Rt 3/Bragg Road Piping Replacement
-  Maple Grover 2" Waterline Upgrade
- 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
-  Mine Road Waterline Extension
-  FMC Sewer Treatment Plant Extension/Upgrade
-  Preliminary Design of in Interchange Improvements at I-95 Exit 118 (also Battlefield)

**Livingston:** Please see next page for Livingston projects.

**Salem:**

-  Resurfacing of Tennis Courts (also Chancellor & Lee Hill)

Livingston:

-  Belmont Passive Park
-  Jones Powell Road - Hill Improvements
-  Lanes Corner Road Improvements
-  Paving of Belfonte Road
-  Paving of Williams Lane
-  Paving of Woolfolk Road
-  Paving of Sullivan Road
-  Paving of Mastin Lane
-  Paving of Parker Lane
-  Paving of Mallard Point Lane
-  Paving of Hales Mill Road
-  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
-  Lake Bottom Waterline Replacement
-  Brock Road Waterline
-  Replacement of Pump Station 24

**Spotsylvania County, Virginia**  
**FY 2014 - FY 2018 Capital Improvement Plan**  
**Project Summary By Fund**

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2014 - FY 2018 Total
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**General Government Projects:**

General Government and Judicial Facilities	\$10,180,891	\$11,907,288	\$12,158,498	\$2,665,426	\$2,039,186	\$38,951,289
Solid Waste	202,500	1,050,000	1,473,000	1,991,500	300,000	5,017,000
Parks and Recreation	0	1,519,000	1,085,000	700,000	3,520,000	6,824,000
Fire and Rescue Services	1,706,250	6,541,564	1,881,138	2,975,198	2,073,958	15,178,108
<b>General Government Total</b>	<b>\$12,089,641</b>	<b>\$21,017,852</b>	<b>\$16,597,636</b>	<b>\$8,332,124</b>	<b>\$7,933,144</b>	<b>\$65,970,397</b>

<b>Transportation Total</b>	<b>\$8,801,212</b>	<b>\$5,028,965</b>	<b>\$5,130,512</b>	<b>\$432,889</b>	<b>\$432,889</b>	<b>\$19,826,467</b>
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<b>Schools Total</b>	<b>\$12,106,607</b>	<b>\$7,739,145</b>	<b>\$7,316,423</b>	<b>\$19,398,502</b>	<b>\$13,508,568</b>	<b>\$60,069,245</b>
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**Utility Projects:**

General Utility Projects	\$1,225,000	\$2,100,000	\$2,700,000	\$2,500,000	\$0	\$8,525,000
Water Projects	12,630,000	6,575,000	6,896,000	13,247,500	10,327,500	49,676,000
Sewer Projects	4,166,000	6,305,000	4,195,000	2,160,000	95,000	16,921,000
<b>Utilities Total</b>	<b>\$18,021,000</b>	<b>\$14,980,000</b>	<b>\$13,791,000</b>	<b>\$17,907,500</b>	<b>\$10,422,500</b>	<b>\$75,122,000</b>

<b>CIP Total, All Funds</b>	<b>\$51,018,460</b>	<b>\$48,765,962</b>	<b>\$42,835,571</b>	<b>\$46,071,015</b>	<b>\$32,297,101</b>	<b>\$220,988,109</b>
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**SPOTSYLVANIA COUNTY  
CAPITAL IMPROVEMENT PLAN  
FY 2014 - FY 2018**

**GENERAL GOV'T EXPENDITURES**

	Total Budget through FY 2013	Funding Source	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Total FY 14- FY 18	Costs beyond FY 2018
<b>General Government and Judicial Facilities - Campus Master Plan</b>									
Judicial Center Renovation	153,205	B	\$0	\$635,000	\$5,950,000	\$0	\$0	\$6,585,000	\$1,300,000
Renovate Current Sheriff's Office	41,860	B, IE	\$0	\$142,515	\$1,282,635	\$0	\$0	\$1,425,150	\$0
<b>Subtotal - Campus Master Plan</b>	<b>195,065</b>		<b>\$0</b>	<b>\$777,515</b>	<b>\$7,232,635</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,010,150</b>	<b>\$1,300,000</b>
<b>Other General Government Facilities</b>									
Facility Asset Management Program	on-going	C, U	\$229,057	\$1,654,980	\$1,500,863	\$2,195,426	\$2,039,186	\$7,619,512	\$0
Replacement X-Ray Machines - Sheriff's Office	-	C	\$70,000	\$0	\$0	\$0	\$0	\$70,000	\$0
<b>Subtotal - Other General Gov't Facilities</b>	<b>-</b>		<b>\$299,057</b>	<b>\$1,654,980</b>	<b>\$1,500,863</b>	<b>\$2,195,426</b>	<b>\$2,039,186</b>	<b>\$7,689,512</b>	<b>\$0</b>

**GENERAL GOV'T EXPENDITURES (continued)**

	Total Budget through FY 2013	Funding Source	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Total FY 14- FY 18	Costs beyond FY 2018
<b>Information Technology</b>									
<b>Public Safety System Improvements:</b>									
Enhance/Replace Public Safety Radio System	4,527,655	C, L, P, IE	\$9,496,834	\$5,624,793	\$0	\$0	\$0	\$15,121,627	\$0
Computer Aided Dispatch System Replacement	-	C, L	\$0	\$2,600,000	\$2,600,000	\$0	\$0	\$5,200,000	\$0
<b>Other System Improvements:</b>									
Installation of an Enterprise-wide Fiber Network	776,305	C, L	\$0	\$750,000	\$750,000	\$470,000	\$0	\$1,970,000	\$0
Treasurer's Legacy System Upgrade	1,024,364	C	\$160,000	\$0	\$0	\$0	\$0	\$160,000	\$0
UPS Upgrades	-	C	\$75,000	\$75,000	\$75,000	\$0	\$0	\$225,000	\$0
Land Info System Upgrade - Clerk of Court	500,000	L	\$0	\$250,000	\$0	\$0	\$0	\$250,000	\$0
Parks and Recreation System Upgrade	-	L	\$0	\$115,000	\$0	\$0	\$0	\$115,000	\$0
Case Management Software - Commonwealth's Attorney	-	C, FS	\$90,000	\$0	\$0	\$0	\$0	\$90,000	\$0
Crime Scene Processing Equipment/Software - Sheriff's Office	-	C	\$60,000	\$0	\$0	\$0	\$0	\$60,000	\$0
Jury System Upgrade	-	L	\$0	\$60,000	\$0	\$0	\$0	\$60,000	\$0
<b>Subtotal - Information Technology</b>	<b>6,828,324</b>		<b>\$9,881,834</b>	<b>\$9,474,793</b>	<b>\$3,425,000</b>	<b>\$470,000</b>	<b>\$0</b>	<b>\$23,251,627</b>	<b>\$0</b>
<b>TOTAL GENERAL GOV'T EXPENDITURES</b>	<b>7,023,389</b>		<b>\$10,180,891</b>	<b>\$11,907,288</b>	<b>\$12,158,498</b>	<b>\$2,665,426</b>	<b>\$2,039,186</b>	<b>\$38,951,289</b>	<b>\$1,300,000</b>

**SPOTSYLVANIA COUNTY  
CAPITAL IMPROVEMENT PLAN  
FY 2014 - FY 2018**

**GENERAL GOV'T REVENUES**

	Total Budget through FY 2013	Funding Source	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Total FY 14- FY 18	Costs beyond FY 2018
Cash		C	\$9,868,548	\$3,101,532	\$2,626,774	\$2,258,261	\$1,576,149	\$19,431,264	\$1,300,000
Forfeiture/Seizure Funds - Comm. Atty.		FS	\$25,000	\$0	\$0	\$0	\$0	\$25,000	\$0
Interest Earnings		IE	\$2,760	\$142,515	\$182,485	\$0	\$0	\$327,760	\$0
Proffers		P	\$55,526	\$0	\$0	\$0	\$0	\$55,526	\$0
Nov 2005 Bond Referenda		B	\$0	\$635,000	\$7,050,150	\$0	\$0	\$7,685,150	\$0
Lease - Purchase		L	\$0	\$7,899,793	\$2,100,000	\$0	\$0	\$9,999,793	\$0
Transfer from Utilities Fund		U	\$229,057	\$128,448	\$199,089	\$407,165	\$463,037	\$1,426,796	\$0
<b>TOTAL GENERAL GOV'T REVENUES</b>			<b>\$10,180,891</b>	<b>\$11,907,288</b>	<b>\$12,158,498</b>	<b>\$2,665,426</b>	<b>\$2,039,186</b>	<b>\$38,951,289</b>	<b>\$1,300,000</b>

**SPOTSYLVANIA COUNTY  
CAPITAL IMPROVEMENT PLAN  
FY 2014 - FY 2018**

**SOLID WASTE EXPENDITURES**

	Total Budget through FY 2013	Funding Source	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Total FY 14- FY 18	Costs beyond FY 2018
<b>SOLID WASTE - Construction/Closing of Landfill Cells &amp; Facilities</b>									
East of I-95 Consolidated Solid Waste Convenience Center	-	C	\$0	\$50,000	\$737,500	\$1,410,000	\$0	\$2,197,500	\$0
Active Gas Collection System - Cells 3 & 4	-	C	\$0	\$0	\$150,000	\$0	\$0	\$150,000	\$0
Convenience Center Paving	on-going	C	\$160,000	\$105,000	\$30,000	\$30,000	\$30,000	\$355,000	\$0
Conversion of Post Oak Site to At-Grade Compactor		C	\$0	\$100,000	\$0	\$0	\$0	\$100,000	\$0
<b>Subtotal - Construction/Closing Cells &amp; Facilities</b>	-		<b>\$160,000</b>	<b>\$255,000</b>	<b>\$917,500</b>	<b>\$1,440,000</b>	<b>\$30,000</b>	<b>\$2,802,500</b>	<b>\$0</b>

**SOLID WASTE - Equipment Replacement**

Refuse Disposal Equip Replacement	on-going	C, IE	\$42,500	\$180,000	\$60,500	\$351,500	\$20,000	\$654,500	on-going
Refuse Collection Equip Replacement	on-going	C	\$0	\$615,000	\$495,000	\$200,000	\$250,000	\$1,560,000	on-going
<b>Subtotal - Solid Waste Equipment Replacement</b>	-		<b>\$42,500</b>	<b>\$795,000</b>	<b>\$555,500</b>	<b>\$551,500</b>	<b>\$270,000</b>	<b>\$2,214,500</b>	<b>\$0</b>
<b>TOTAL SOLID WASTE EXPENDITURES</b>	<b>0</b>		<b>\$202,500</b>	<b>\$1,050,000</b>	<b>\$1,473,000</b>	<b>\$1,991,500</b>	<b>\$300,000</b>	<b>\$5,017,000</b>	<b>\$0</b>

**SOLID WASTE REVENUES**

	Total Budget through FY 2013	Funding Source	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Total FY 14- FY 18	Costs beyond FY 2018
Cash		C	\$201,350	\$1,050,000	\$1,473,000	\$1,991,500	\$300,000	\$5,015,850	on-going
Interest Earnings		IE	\$1,150	\$0	\$0	\$0	\$0	\$1,150	on-going
Lease-Purchase		L	\$0	\$0	\$0	\$0	\$0	\$0	on-going
<b>TOTAL SOLID WASTE REVENUES</b>			<b>\$202,500</b>	<b>\$1,050,000</b>	<b>\$1,473,000</b>	<b>\$1,991,500</b>	<b>\$300,000</b>	<b>\$5,017,000</b>	<b>\$0</b>

**SPOTSYLVANIA COUNTY  
CAPITAL IMPROVEMENT PLAN  
FY 2014 - FY 2018**

**PARKS & RECREATION EXPENDITURES**

	Total Budget through FY 2013	Funding Source	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Total FY 14- FY 18	Costs beyond FY 2018
<b><i>PARKS AND RECREATION - Construction &amp; Maintenance of Parks and Park Facilities</i></b>									
Hunting Run Park, Phase II	75,408	C	\$0	\$0	\$795,000	\$0	\$0	\$795,000	\$0
Belmont Passive Park	52,987	C	\$0	\$0	\$0	\$350,000	\$0	\$350,000	\$0
Livingston Community Center	-	C	\$0	\$0	\$0	\$0	\$500,000	\$500,000	\$0
Marshall Center Auditorium Upgrades	567,248	C, D	\$0	\$0	\$290,000	\$0	\$0	\$290,000	\$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	495,000	C, CR, IE	\$0	\$398,000	\$0	\$0	\$0	\$398,000	\$0
Patriot Park Playground	-	C	\$0	\$175,000	\$0	\$0	\$0	\$175,000	\$0
Repaving at Legion Field Complex	-	C	\$0	\$238,000	\$0	\$0	\$0	\$238,000	\$0
Resurfacing of 7 Tennis Courts	-	C	\$0	\$175,000	\$0	\$0	\$0	\$175,000	\$0
<b>TOTAL PARKS &amp; REC EXPENDITURES</b>	<b>1,195,235</b>		<b>\$0</b>	<b>\$1,519,000</b>	<b>\$1,085,000</b>	<b>\$700,000</b>	<b>\$3,520,000</b>	<b>\$6,824,000</b>	<b>\$0</b>

**PARKS & RECREATION REVENUES**

	Total Budget through FY 2013	Funding Source	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Total FY 14- FY 18	Costs beyond FY 2018
Cash		C	\$0	\$1,311,400	\$1,079,700	\$685,000	\$3,220,000	\$6,296,100	\$0
Concession Receipts		CR	\$0	\$200,000	\$0	\$0	\$300,000	\$500,000	\$0
Interest Earnings		IE	\$0	\$7,600	\$0	\$0	\$0	\$7,600	\$0
Donations		D	\$0	\$0	\$5,300	\$0	\$0	\$5,300	\$0
Proffers		P	\$0	\$0	\$0	\$15,000	\$0	\$15,000	\$0
<b>TOTAL PARKS &amp; REC REVENUES</b>			<b>\$0</b>	<b>\$1,519,000</b>	<b>\$1,085,000</b>	<b>\$700,000</b>	<b>\$3,520,000</b>	<b>\$6,824,000</b>	<b>\$0</b>

**SPOTSYLVANIA COUNTY  
CAPITAL IMPROVEMENT PLAN**

**FY 2014 - FY 2018**

**FIRE & RESCUE SERVICES EXPENDITURES**

	Total Budget through FY 2013	Funding Source	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Total FY 14- FY 18	Costs beyond FY 2018
<b><i>FIRE/RESCUE SERVICES - Construction Projects</i></b>									
Regional Fire Training Center - Classrooms and Concrete Apron	-	O, J, C, P	\$0	\$250,000	\$0	\$1,000,000	\$0	\$1,250,000	\$0
<b>Subtotal Fire/Rescue construction</b>	-		\$0	\$250,000	\$0	\$1,000,000	\$0	\$1,250,000	\$0

***FIRE/RESCUE SERVICES - Equipment***

Replacement Fire Equipment	on-going	C, L	\$1,155,000	\$2,712,750	\$1,273,386	\$1,337,056	\$1,403,908	\$7,882,100	\$0
Replacement EMS Equipment	on-going	C, L, IE	\$551,250	\$578,814	\$607,752	\$638,142	\$670,050	\$3,046,008	\$0
Replacement Self Contained Breathing Apparatus	-	L	\$0	\$3,000,000	\$0	\$0	\$0	\$3,000,000	\$0
<b>Subtotal Fire/Rescue equipment</b>	-		\$1,706,250	\$6,291,564	\$1,881,138	\$1,975,198	\$2,073,958	\$13,928,108	\$0
<b>TOTAL FIRE/RESCUE SVCS EXPENDITURES</b>	0		\$1,706,250	\$6,541,564	\$1,881,138	\$2,975,198	\$2,073,958	\$15,178,108	\$0

**FIRE & RESCUE SERVICES REVENUES**

	Total Budget through FY 2013	Funding Source	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Total FY 14- FY 18	Costs beyond FY 2018
Cash		C	\$0	\$660,126	\$1,881,138	\$2,308,531	\$2,073,958	\$6,923,754	\$0
Interest Earnings		IE	\$34,500	\$0	\$0	\$0	\$0	\$34,500	\$0
Proffers		P	\$0	\$2,021	\$0	\$0	\$0	\$2,021	\$0
Other Jurisdictions		OJ	\$0	\$166,667	\$0	\$666,667	\$0	\$833,333	\$0
Lease - Purchase		L	\$1,671,750	\$5,712,750	\$0	\$0	\$0	\$7,384,500	\$0
<b>TOTAL FIRE/RESCUE SVCS REVENUES</b>			\$1,706,250	\$6,541,564	\$1,881,138	\$2,975,198	\$2,073,958	\$15,178,108	\$0

**SPOTSYLVANIA COUNTY  
CAPITAL IMPROVEMENT PLAN  
FY 2014 - FY 2018**

**TRANSPORTATION EXPENDITURES**

	Total Budget through FY 2013	Funding Source	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Total FY 14- FY 18	Costs beyond FY 2018
<b>TRANSPORTATION</b>									
VRE Station and Parking Areas	13,898,806	IE, S, B	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000	\$0
Harrison Road/Rt 1 Intersection Improvements	-	B	\$2,158,000	\$0	\$0	\$0	\$0	\$2,158,000	\$0
Prelim. Design - Interchange Improvements at I-95 Exits 118 & 126	-	B	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000	\$0
Mine/Falcon/Spotsylvania Ave. Intersection Improvements	104,116	B	\$0	\$557,276	\$652,823	\$0	\$0	\$1,210,099	\$0
Jones Powell - Hill Improvement	-	B	\$0	\$1,630,000	\$0	\$0	\$0	\$1,630,000	\$0
Unpaved Roads (identified "Fair")	66,727	B	\$1,148,400	\$1,288,800	\$1,234,800	\$0	\$0	\$3,672,000	\$0
Lanes Corner	972,626	S	\$1,474,812	\$432,889	\$432,889	\$432,889	\$432,889	\$3,206,368	\$1,981,022
Hickory Ridge/Rt 1 Intersection	-	P, B, S	\$0	\$1,100,000	\$2,790,000	\$0	\$0	\$3,890,000	\$0
General Engineering Consultant	on-going	T	\$20,000	\$20,000	\$20,000	\$0	\$0	\$60,000	\$0
<b>TOTAL TRANSPORTATION EXPENDITURES</b>	<b>15,042,275</b>		<b>\$8,801,212</b>	<b>\$5,028,965</b>	<b>\$5,130,512</b>	<b>\$432,889</b>	<b>\$432,889</b>	<b>\$19,826,467</b>	<b>\$1,981,022</b>

**TRANSPORTATION REVENUES**

	Total Budget through FY 2013	Funding Source	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Total FY 14- FY 18	Costs beyond FY 2018
Proffers		P	\$0	\$15,000	\$0	\$0	\$0	\$15,000	\$0
Interest Earnings		IE	\$232,588	\$0	\$0	\$0	\$0	\$232,588	\$0
Nov 2005 Transportation Bond Referenda		B	\$6,073,812	\$4,011,076	\$3,282,623	\$0	\$0	\$13,367,511	\$0
Reimbursement/aid from State/Federal gov't		S	\$2,474,812	\$982,889	\$1,827,889	\$432,889	\$432,889	\$6,151,368	\$1,981,022
Transfer from Transportation Fund		T	\$20,000	\$20,000	\$20,000	\$0	\$0	\$60,000	\$0
<b>TOTAL TRANSPORTATION REVENUES</b>			<b>\$8,801,212</b>	<b>\$5,028,965</b>	<b>\$5,130,512</b>	<b>\$432,889</b>	<b>\$432,889</b>	<b>\$19,826,467</b>	<b>\$1,981,022</b>

**SPOTSYLVANIA COUNTY  
CAPITAL IMPROVEMENT PLAN**

**FY 2014 - FY 2018**

**SCHOOL CAPITAL EXPENDITURES**

	Total Budget through FY 2013	Funding Source	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Total FY 14- FY 18	Costs beyond FY 2018
<b>SCHOOL NON-CONSTRUCTION CAPITAL PROJECTS</b>									
Transportation Buses	on-going	B, LS, IE	\$3,512,465	\$3,200,729	\$3,280,743	\$3,241,642	\$3,088,338	\$16,323,917	\$0
Capital Maintenance	on-going	B, LS, P	\$5,783,086	\$2,570,000	\$2,714,000	\$7,948,100	\$6,680,400	\$25,695,586	\$0
Technology Replacements/Upgrades	on-going	B, LS	\$2,811,056	\$1,968,416	\$1,321,680	\$8,208,760	\$3,739,830	\$18,049,742	\$0
<b>Subtotal - School Non-Construction</b>	-		<b>\$12,106,607</b>	<b>\$7,739,145</b>	<b>\$7,316,423</b>	<b>\$19,398,502</b>	<b>\$13,508,568</b>	<b>\$60,069,245</b>	<b>\$0</b>
<b>TOTAL SCHOOL CAPITAL PROJECTS EXPENDITURES</b>	-		<b>\$12,106,607</b>	<b>\$7,739,145</b>	<b>\$7,316,423</b>	<b>\$19,398,502</b>	<b>\$13,508,568</b>	<b>\$60,069,245</b>	<b>\$0</b>

**SCHOOL CAPITAL REVENUES**

	Total Budget through FY 2013	Funding Source	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Total FY 14- FY 18	Costs beyond FY 2018
Proffers		P	\$377,608	\$0	\$131,915	\$0	\$0	\$509,523	\$0
Nov 2005/2006 School Bond Referenda		B	\$11,728,999	\$7,739,145	\$7,184,508	\$3,333,088	\$0	\$29,985,740	\$0
Lease-Purchase (Schools)		LS	\$0	\$0	\$0	\$16,065,414	\$13,508,568	\$29,573,982	\$0
<b>TOTAL SCHOOL CAPITAL PROJECTS REVENUES</b>			<b>\$12,106,607</b>	<b>\$7,739,145</b>	<b>\$7,316,423</b>	<b>\$19,398,502</b>	<b>\$13,508,568</b>	<b>\$60,069,245</b>	<b>\$0</b>

**SPOTSYLVANIA COUNTY  
CAPITAL IMPROVEMENT PLAN  
FY 2014 - FY 2018**

**UTILITIES CAPITAL EXPENDITURES**

	Total Budget through FY 2013	Funding Source	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Total FY 14- FY 18	Costs beyond FY 2018
<b>General Utilities Projects</b>									
Utility Lab/Office Expansion	-	B, C	\$500,000	\$1,500,000	\$2,500,000	\$2,500,000	\$0	\$7,000,000	\$0
Security Improvements	651,599	B, C	\$200,000	\$100,000	\$200,000	\$0	\$0	\$500,000	\$0
Telemetry/SCADA	242,498	B, C	\$225,000	\$200,000	\$0	\$0	\$0	\$425,000	\$0
WTP SCADA Upgrades	1,450,000	B, C	\$300,000	\$300,000	\$0	\$0	\$0	\$600,000	\$0
<b>SUBTOTAL GENERAL UTILITIES PROJECTS</b>	<b>2,344,097</b>		<b>\$1,225,000</b>	<b>\$2,100,000</b>	<b>\$2,700,000</b>	<b>\$2,500,000</b>	<b>\$0</b>	<b>\$8,525,000</b>	<b>\$0</b>

***Water Projects***

Motts Run Water Treatment Plant Expansion	-	B, C	\$0	\$0	\$2,628,000	\$9,740,000	\$9,740,000	\$22,108,000	\$0
Motts Filter Improvements	-	C	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000	\$0
Motts Run Dam Repairs	-	C	\$2,500,000	\$0	\$0	\$0	\$0	\$2,500,000	\$0
Ni River Water Treatment Plant Improvements	2,098,535	B, C	\$5,800,000	\$5,000,000	\$0	\$0	\$0	\$10,800,000	\$0
Thornburg Water Transmission Facilities Improvements	4,470,491	B, C	\$0	\$0	\$973,000	\$587,500	\$587,500	\$2,148,000	\$0
New Post Water Transmission Facilities	1,586,000	B, C	\$0	\$1,000,000	\$0	\$0	\$0	\$1,000,000	\$0
New Water Source	551,223	C	\$50,000	\$0	\$0	\$0	\$0	\$50,000	\$0
Tank Maintenance	on-going	B, C	\$375,000	\$375,000	\$375,000	\$0	\$0	\$1,125,000	\$0
Motts Chlorine Gas Conversion to Hypochlorite	635,000	C	\$400,000	\$0	\$0	\$0	\$0	\$400,000	\$0
Falcon Drive Extension	-	B, C	\$0	\$200,000	\$0	\$0	\$0	\$200,000	\$0
12" Waterline - Violet Drive	50,000	C	\$300,000	\$0	\$0	\$0	\$0	\$300,000	\$0
16" Waterline - Andora Dr. to Sawhill	-	B, C	\$0	\$0	\$2,920,000	\$2,920,000	\$0	\$5,840,000	\$0
Chancellor Rd - 8" waterline extension	350,000	C	\$100,000	\$0	\$0	\$0	\$0	\$100,000	\$0
Lake Bottom - replacement of water main/p.s.	150,000	C	\$500,000	\$0	\$0	\$0	\$0	\$500,000	\$0
GPS Mapping	180,000	C	\$100,000	\$0	\$0	\$0	\$0	\$100,000	\$0
Water Meter Replacement Program	on-going	C	\$340,000	\$0	\$0	\$0	\$0	\$340,000	\$0
Brock Road 12" Waterline	150,000	C	\$500,000	\$0	\$0	\$0	\$0	\$500,000	\$0
Rt. 3/Bragg Rd. Piping Replacement	1,264,125	C	\$250,000	\$0	\$0	\$0	\$0	\$250,000	\$0
Morris Road Waterline Relocation	-	C	\$140,000	\$0	\$0	\$0	\$0	\$140,000	\$0
Maple Grove 2" Waterline Upgrade	-	C	\$125,000	\$0	\$0	\$0	\$0	\$125,000	\$0
Mine Road Waterline Extension	250,000	C	\$150,000	\$0	\$0	\$0	\$0	\$150,000	\$0
<b>SUBTOTAL WATER PROJECTS</b>	<b>11,735,374</b>		<b>\$12,630,000</b>	<b>\$6,575,000</b>	<b>\$6,896,000</b>	<b>\$13,247,500</b>	<b>\$10,327,500</b>	<b>\$49,676,000</b>	<b>\$0</b>

**SPOTSYLVANIA COUNTY  
CAPITAL IMPROVEMENT PLAN  
FY 2014 - FY 2018**

**UTILITIES EXPENDITURES (continued)**

	Total Budget through FY 2013	Funding Source	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Total FY 14- FY 18	Costs beyond FY 2018
<b>Sewer Projects</b>									
Phase II - I-95 to Woodland Drive	209,603	B, C	\$0	\$800,000	\$0	\$0	\$0	\$800,000	\$0
Elimination of Pump Stations 3 & 6	-	B, C	\$0	\$70,000	\$350,000	\$0	\$0	\$420,000	\$0
Old Greenwich Sewer Replacement	385,957	B, C	\$500,000	\$500,000	\$0	\$0	\$0	\$1,000,000	\$0
Fawn Lake Pump Stations 27 & 58	545,000	B, C	\$850,000	\$500,000	\$0	\$0	\$0	\$1,350,000	\$0
Sheraton Hillis Rehab	-	B, C	\$0	\$1,000,000	\$0	\$0	\$0	\$1,000,000	\$0
Maple Grove Rehab	200,000	C	\$530,000	\$0	\$0	\$0	\$0	\$530,000	\$0
Waverly Village Rehab	-	B, C	\$0	\$0	\$615,000	\$0	\$0	\$615,000	\$0
Thornburg Wastewater Transmission Improvements	1,424,586	B, C	\$0	\$820,000	\$1,900,000	\$1,900,000	\$0	\$4,620,000	\$0
Thornburg Lagoon Liner Replacement	-	B, C	\$0	\$60,000	\$0	\$0	\$0	\$60,000	\$0
FMC STP Extension/Upgrade	2,650,000	B	\$0	\$150,000	\$0	\$0	\$0	\$150,000	\$0
Hazel Run Phase II - PS 4, 10 & 57 Abandonment	1,161,424	C	\$769,000	\$0	\$0	\$0	\$0	\$769,000	\$0
Replace Pump Station 24 with Gravity Sewer	841,000	B, C	\$0	\$1,500,000	\$0	\$0	\$0	\$1,500,000	\$0
Calhoun Drive Sewer Improvements	200,000	C	\$250,000	\$0	\$0	\$0	\$0	\$250,000	\$0
Lafayette Crossing PS Abandonment	-	B, C	\$0	\$100,000	\$300,000	\$0	\$0	\$400,000	\$0
Replace Stonewall PS 22 & Force Main	1,411,256	C	\$650,000	\$0	\$0	\$0	\$0	\$650,000	\$0
Replacement Equipment - Field Services	-	C	\$617,000	\$355,000	\$565,000	\$110,000	\$95,000	\$1,742,000	\$0
Replacement Equipment - Composting	-	B, C	\$0	\$450,000	\$465,000	\$150,000	\$0	\$1,065,000	\$0
<b>SUBTOTAL SEWER PROJECTS</b>	<b>9,028,826</b>		<b>\$4,166,000</b>	<b>\$6,305,000</b>	<b>\$4,195,000</b>	<b>\$2,160,000</b>	<b>\$95,000</b>	<b>\$16,921,000</b>	<b>\$0</b>
<b>TOTAL UTILITIES EXPENDITURES</b>	<b>20,764,200</b>		<b>\$18,021,000</b>	<b>\$14,980,000</b>	<b>\$13,791,000</b>	<b>\$17,907,500</b>	<b>\$10,422,500</b>	<b>\$75,122,000</b>	<b>\$0</b>

**SPOTSYLVANIA COUNTY  
CAPITAL IMPROVEMENT PLAN  
FY 2014 - FY 2018**

**UTILITIES REVENUES**

	Total Budget through FY 2013	Funding Source	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Total FY 14- FY 18	Costs beyond FY 2018
Cash		C	\$18,021,000	\$7,125,000	\$5,000,000	\$3,000,000	\$2,000,000	\$35,146,000	\$0
Revenue Bonds		B	\$0	\$7,855,000	\$8,791,000	\$14,907,500	\$8,422,500	\$39,976,000	\$0
<b>TOTAL UTILITIES REVENUES</b>			<b>\$18,021,000</b>	<b>\$14,980,000</b>	<b>\$13,791,000</b>	<b>\$17,907,500</b>	<b>\$10,422,500</b>	<b>\$75,122,000</b>	<b>\$0</b>

**SPOTSYLVANIA COUNTY  
CAPITAL IMPROVEMENT PLAN**

**FY 2014 - FY 2018**

**CIP EXPENDITURES SUMMARY**

	Total Budget through FY 2013	Funding Source	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Total FY 14- FY 18	Costs beyond FY 2018
<b>TOTAL FY 2014 - FY 2018 CIP</b>			\$51,018,460	\$48,765,962	\$42,835,571	\$46,071,015	\$32,297,101	\$220,988,109	\$3,281,022

**CIP REVENUE SUMMARY**

	Total Budget through FY 2013	Funding Source	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Total FY 14- FY 18	Costs beyond FY 2018
Cash		C	\$28,090,898	\$13,248,058	\$12,060,612	\$10,243,292	\$9,170,107	\$72,812,968	\$1,300,000
Interest Earnings		IE	\$270,998	\$150,115	\$182,485	\$0	\$0	\$603,598	\$0
Forfeiture/Seizure Funds - Comm. Atty.		FS	\$25,000	\$0	\$0	\$0	\$0	\$25,000	\$0
Concession Receipts		CR	\$0	\$200,000	\$0	\$0	\$300,000	\$500,000	\$0
Donations		D	\$0	\$0	\$5,300	\$0	\$0	\$5,300	\$0
Proffers		P	\$433,134	\$17,021	\$131,915	\$15,000	\$0	\$597,070	\$0
Nov 2005 Bond Referenda - Gen. Gov't		B	\$0	\$635,000	\$7,050,150	\$0	\$0	\$7,685,150	\$0
Nov 2005/2006 Bond Referenda - Schools		B	\$11,728,999	\$7,739,145	\$7,184,508	\$3,333,088	\$0	\$29,985,740	\$0
Nov 2005 Bond Referenda - Transportation		B	\$6,073,812	\$4,011,076	\$3,282,623	\$0	\$0	\$13,367,511	\$0
Revenue Bonds - Utilities		B	\$0	\$7,855,000	\$8,791,000	\$14,907,500	\$8,422,500	\$39,976,000	\$0
Lease - Purchase		L	\$1,671,750	\$13,612,543	\$2,100,000	\$0	\$0	\$17,384,293	\$0
Lease-Purchase (Schools)		LS	\$0	\$0	\$0	\$16,065,414	\$13,508,568	\$29,573,982	\$0
Other Jurisdictions		OJ	\$0	\$166,667	\$0	\$666,667	\$0	\$833,333	\$0
Transfer from Transportation Fund		T	\$20,000	\$20,000	\$20,000	\$0	\$0	\$60,000	\$0
Transfer from Utilities Fund		U	\$229,057	\$128,448	\$199,089	\$407,165	\$463,037	\$1,426,796	\$0
Reimbursement/aide from State/Federal gov't		S	\$2,474,812	\$982,889	\$1,827,889	\$432,889	\$432,889	\$6,151,368	\$1,981,022
<b>TOTAL FY 2014 - FY 2018 CIP</b>			\$51,018,460	\$48,765,962	\$42,835,571	\$46,071,015	\$32,297,101	\$220,988,109	\$3,281,022

# CIP Project Information

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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:**

\$6,738,205

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

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

**PRIOR YEAR BUDGETS:**

\$153,205

**COSTS PROJECTED BEYOND CIP PERIOD:**

\$0

**Projected Project Revenues & Expenditures**

FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total
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**Financing/Funding Methods:**

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$635,000	\$5,950,000	\$0	\$0	\$6,585,000
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 ( )	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected/Requested Funding</b>	<b>\$0</b>	<b>\$635,000</b>	<b>\$5,950,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,585,000</b>

**Projected Capital Expenditures:**

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$635,000	\$0	\$0	\$0	\$635,000
Construction	\$0	\$0	\$5,778,800	\$0	\$0	\$5,778,800
Vehicles & Equipment	\$0	\$0	\$171,200	\$0	\$0	\$171,200
<b>Total Projected Capital Expenditures</b>	<b>\$0</b>	<b>\$635,000</b>	<b>\$5,950,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,585,000</b>

**Estimated Add'l Operational Costs**

- Debt service	\$0	\$60,325	\$624,146	\$609,330	\$594,514	\$1,888,315
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$60,325</b>	<b>\$624,146</b>	<b>\$609,330</b>	<b>\$594,514</b>	<b>\$1,888,315</b>

**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 is currently in progress 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:**

\$1,467,010

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

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

**PRIOR YEAR BUDGETS:**

\$41,860

**COSTS PROJECTED BEYOND CIP PERIOD:**

\$0

**Projected Project Revenues & Expenditures**

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total
<b>Financing/Funding Methods:</b>						
Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$0	\$1,100,150	\$0	\$0	\$1,100,150
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)	\$0	\$142,515	\$182,485	\$0	\$0	\$325,000
<b>Total Projected/Requested Funding</b>	<b>\$0</b>	<b>\$142,515</b>	<b>\$1,282,635</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,425,150</b>

**Projected Capital Expenditures:**

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$142,515	\$0	\$0	\$0	\$142,515
Construction	\$0	\$0	\$1,282,635	\$0	\$0	\$1,282,635
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected Capital Expenditures</b>	<b>\$0</b>	<b>\$142,515</b>	<b>\$1,282,635</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,425,150</b>

**Estimated Add'l Operational Costs**

- Debt service	\$0	\$0	\$104,514	\$102,039	\$99,564	\$306,117
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$0</b>	<b>\$104,514</b>	<b>\$102,039</b>	<b>\$99,564</b>	<b>\$306,117</b>

**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:** \$7,619,512

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 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total
<b>Financing/Funding Methods:</b>						
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	\$1,526,532	\$1,301,774	\$1,788,261	\$1,576,149	\$6,192,716
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ( Transfer from Utilities )	\$229,057	\$128,448	\$199,089	\$407,165	\$463,037	\$1,426,796
<b>Total Projected/Requested Funding</b>	<b>\$229,057</b>	<b>\$1,654,980</b>	<b>\$1,500,863</b>	<b>\$2,195,426</b>	<b>\$2,039,186</b>	<b>\$7,619,512</b>
<b>Projected Capital Expenditures:</b>						
Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$229,057	\$1,654,980	\$1,500,863	\$2,195,426	\$2,039,186	\$7,619,512
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected Capital Expenditures</b>	<b>\$229,057</b>	<b>\$1,654,980</b>	<b>\$1,500,863</b>	<b>\$2,195,426</b>	<b>\$2,039,186</b>	<b>\$7,619,512</b>

<b>Estimated Add'l Operational Costs</b>						
- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

<b>DEPARTMENT:</b>	<b>Information Services</b>					
<b>PROJECT NAME:</b>	<b>Replacement X-Ray Machines - Sheriff's Office</b>					
<b>PROJECT CONTACT/PHONE #:</b>	To Be Determined					
<b>PROJECT LOCATION:</b>	Court Security - Judicial Center					
<b>PROJECT DESCRIPTION:</b>	Replacement of two x-ray machines for court security at the Judicial Center.					
<b>PROJECT OBJECTIVE:</b>	The existing x-ray machines have reached the end of their useful lives and can no longer be repaired.					
<b>TOTAL CAPITAL PROJECT COST:</b>	\$70,000					
<b>FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:</b>	Planning & Design	Property Acquisition	Construction/Implementation			
	N/A	N/A	N/A			
<b>PRIOR YEAR BUDGETS:</b>	\$0					
<b>COSTS PROJECTED BEYOND CIP PERIOD:</b>	\$0					
<b>Projected Project Revenues &amp; Expenditures</b>						
	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>5-Year Total</b>
<b>Financing/Funding Methods:</b>						
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	\$70,000	\$0	\$0	\$0	\$0	\$70,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ( Transfer from Utilities )	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected/Requested Funding</b>	<b>\$70,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$70,000</b>
<b>Projected Capital Expenditures:</b>						
Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Vehicles & Equipment	\$70,000	\$0	\$0	\$0	\$0	\$70,000
<b>Total Projected Capital Expenditures</b>	<b>\$70,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$70,000</b>
<b>Estimated Add'l Operational Costs</b>						
- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

<b>DEPARTMENT:</b>	<b>Information Services</b>					
<b>PROJECT NAME:</b>	<b>Public Safety Radio System Enhancements or Replacement</b>					
<b>PROJECT CONTACT/PHONE #:</b>	Jane Reeve, 507-7552					
<b>PROJECT LOCATION:</b>	Various locations throughout the County					
<b>PROJECT DESCRIPTION:</b>	Various public safety radio system enhancements or replacements to include additional towers.					
<b>PROJECT OBJECTIVE:</b>	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.					
<b>TOTAL CAPITAL PROJECT COST:</b>	\$19,649,282					
<b>FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:</b>	Planning & Design	Property Acquisition	Construction/Implementation			
	N/A	N/A	FY 2013 - FY 2015			
<b>PRIOR YEAR BUDGETS:</b>	\$4,527,655					
<b>COSTS PROJECTED BEYOND CIP PERIOD:</b>	\$0					
<b>Projected Project Revenues &amp; Expenditures</b>						
	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>5-Year Total</b>
<b>Financing/Funding Methods:</b>						
Proffers	\$55,526	\$0	\$0	\$0	\$0	\$55,526
General Obligation Bond	\$0	\$0	\$0	\$0	\$0	\$0
State Aide	\$0	\$0	\$0	\$0	\$0	\$0
Lease Purchase	\$0	\$4,124,793	\$0	\$0	\$0	\$4,124,793
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$9,438,548	\$1,500,000	\$0	\$0	\$0	\$10,938,548
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ( )	\$2,760	\$0	\$0	\$0	\$0	\$2,760
<b>Total Projected/Requested Funding</b>	<b>\$9,496,834</b>	<b>\$5,624,793</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,121,627</b>
<b>Projected Capital Expenditures:</b>						
Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Vehicles & Equipment	\$9,496,834	\$5,624,793	\$0	\$0	\$0	\$15,121,627
<b>Total Projected Capital Expenditures</b>	<b>\$9,496,834</b>	<b>\$5,624,793</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,121,627</b>
<b>Estimated Add'l Operational Costs</b>						
- Debt service	\$0	\$529,348	\$513,880	\$498,412	\$482,945	\$2,024,585
- Utilities, insurance, maintenance	\$60,000	\$517,920	\$533,458	\$549,461	\$565,945	\$2,226,784
- Personnel	\$151,204	\$244,308	\$256,523	\$269,349	\$282,817	\$1,204,201
<b>Total Est Add'l Operational Costs</b>	<b>\$211,204</b>	<b>\$1,291,576</b>	<b>\$1,303,861</b>	<b>\$1,317,222</b>	<b>\$1,331,707</b>	<b>\$5,455,570</b>

**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 2014	FY 2015	FY 2016	FY 2017	FY 2018	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	\$2,600,000	\$2,100,000	\$0	\$0	\$4,700,000
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$0	\$0	\$500,000	\$0	\$0	\$500,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ( )	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected/Requested Funding</b>	<b>\$0</b>	<b>\$2,600,000</b>	<b>\$2,600,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,200,000</b>

**Projected Capital Expenditures:**

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$2,600,000	\$2,600,000	\$0	\$0	\$5,200,000
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected Capital Expenditures</b>	<b>\$0</b>	<b>\$2,600,000</b>	<b>\$2,600,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,200,000</b>

**Estimated Add'l Operational Costs**

- Debt service	\$0	\$488,429	\$866,214	\$836,000	\$805,786	\$2,996,429
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$100,000	\$100,000	\$200,000
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$488,429</b>	<b>\$866,214</b>	<b>\$936,000</b>	<b>\$905,786</b>	<b>\$3,196,429</b>

**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:** \$2,746,305

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:** \$776,305  
**COSTS PROJECTED BEYOND CIP PERIOD:** \$0

Projected Project Revenues & Expenditures					
FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	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	\$750,000	\$0	\$0	\$0	\$750,000
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$0	\$0	\$750,000	\$470,000	\$0	\$1,220,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ( )	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected/Requested Funding</b>	<b>\$0</b>	<b>\$750,000</b>	<b>\$750,000</b>	<b>\$470,000</b>	<b>\$0</b>	<b>\$1,970,000</b>

**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	\$750,000	\$750,000	\$470,000	\$0	\$1,970,000
<b>Total Projected Capital Expenditures</b>	<b>\$0</b>	<b>\$750,000</b>	<b>\$750,000</b>	<b>\$470,000</b>	<b>\$0</b>	<b>\$1,970,000</b>

**Estimated Add'l Operational Costs**

- Debt service	\$0	\$140,893	\$136,071	\$131,250	\$126,429	\$534,643
- Utilities, insurance, maintenance	\$0	\$35,000	\$35,000	\$35,000	\$35,000	\$140,000
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$175,893</b>	<b>\$171,071</b>	<b>\$166,250</b>	<b>\$161,429</b>	<b>\$674,643</b>

**DEPARTMENT:** Information Services  
**PROJECT NAME:** Replacement of the Treasurer's Legacy System  
**PROJECT CONTACT/PHONE #:** Jane Reeve, 507-7552  
**PROJECT LOCATION:** N/A

**PROJECT DESCRIPTION:** The tax billing and collections system currently used by the Treasurer needs to be replaced since it is not meeting the needs of the Treasurer's Office, and current file structures and program enhancements are no longer easily implemented.

**PROJECT OBJECTIVE:** With many other departments moving or having already moved to the new Land Records Information System, replacing the Treasurer's system will maintain integration between departments.

**TOTAL CAPITAL PROJECT COST:** \$1,184,364

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:	Planning & Design	Property Acquisition	Construction/Implementation
	N/A	N/A	FY 2013 - FY 2014

**PRIOR YEAR BUDGETS:** \$1,024,364

**COSTS PROJECTED BEYOND CIP PERIOD:** \$0

Projected Project Revenues & Expenditures					
FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	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	\$160,000	\$0	\$0	\$0	\$0	\$160,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ( )	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected/Requested Funding</b>	<b>\$160,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$160,000</b>

**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	\$160,000	\$0	\$0	\$0	\$0	\$160,000
<b>Total Projected Capital Expenditures</b>	<b>\$160,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$160,000</b>

**Estimated Add'l Operational Costs**

- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$200,000
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Est Add'l Operational Costs</b>	<b>\$40,000</b>	<b>\$40,000</b>	<b>\$40,000</b>	<b>\$40,000</b>	<b>\$40,000</b>	<b>\$200,000</b>

**DEPARTMENT:** Information Services  
**PROJECT NAME:** UPS Upgrades - Server Room, E911 Server Room, Radio Tower Sites, Marshall Center  
**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 in the primary network operations center, the E911 network operations center, the Chancellor tower site, the Livingston tower site, 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:**

\$225,000

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:	Planning & Design	Property Acquisition	Construction/Implementation
	N/A	N/A	FY 2014 - FY 2016

**PRIOR YEAR BUDGETS:**

\$0

**COSTS PROJECTED BEYOND CIP PERIOD:**

\$0

**Projected Project Revenues & Expenditures**

FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	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	\$75,000	\$75,000	\$0	\$0	\$225,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ( )	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected/Requested Funding</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$225,000</b>

**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	\$75,000	\$75,000	\$0	\$0	\$225,000
<b>Total Projected Capital Expenditures</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$225,000</b>

**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
<b>Total Est Add'l Operational Costs</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$25,000</b>

<b>DEPARTMENT:</b>	<b>Information Services</b>					
<b>PROJECT NAME:</b>	<b>Land Information Systems Upgrade</b>					
<b>PROJECT CONTACT/PHONE #:</b>	Jane Reeve, 507-7552					
<b>PROJECT LOCATION:</b>	N/A					
<b>PROJECT DESCRIPTION:</b>	Upgrade and enhancement of Land Information Systems					
<b>PROJECT OBJECTIVE:</b>	<p>The Clerk's current system manages all aspects of the land records management process, from cashiering to document indexing, scanning, microfilm archiving, and public access in the office and over the internet. Based on industry trends, the existing system will have reached its anticipated life cycle in FY 2012, requiring the replacement and/or upgrade of the system. If the system is not upgraded, there is an increased risk that it will not be able to maintain adequate service levels. Additionally, it may require the hiring of additional staff to offset these service 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. The outcomes of this department are the inputs to many others in the County, and the quality (or lack thereof) of information has a ripple effect throughout the entire County.</p>					
<b>TOTAL CAPITAL PROJECT COST:</b>	\$750,000					
<b>FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:</b>	Planning & Design		Property Acquisition		Construction/Implementation	
	N/A		N/A		FY 2013 - FY 2015	
<b>PRIOR YEAR BUDGETS:</b>	\$500,000					
<b>COSTS PROJECTED BEYOND CIP PERIOD:</b>	\$0					
<b>Projected Project Revenues &amp; Expenditures</b>						
	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>5-Year Total</b>
<b>Financing/Funding Methods:</b>						
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	\$0	\$0	\$0	\$250,000
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
<b>Total Projected/Requested Funding</b>	<b>\$0</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>
<b>Projected Capital Expenditures:</b>						
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	\$250,000	\$0	\$0	\$0	\$250,000
<b>Total Projected Capital Expenditures</b>	<b>\$0</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>
<b>Estimated Add'l Operational Costs</b>						
- Debt service	\$0	\$46,964	\$45,357	\$43,750	\$42,143	\$178,214
- Utilities, insurance, maintenance	\$0	\$75,000	\$75,000	\$75,000	\$75,000	\$300,000
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$121,964</b>	<b>\$120,357</b>	<b>\$118,750</b>	<b>\$117,143</b>	<b>\$478,214</b>

**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:** \$115,000

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 2014	FY 2015	FY 2016	FY 2017	FY 2018	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	\$115,000	\$0	\$0	\$0	\$115,000
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
<b>Total Projected/Requested Funding</b>	<b>\$0</b>	<b>\$115,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$115,000</b>

**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	\$115,000	\$0	\$0	\$0	\$115,000
<b>Total Projected Capital Expenditures</b>	<b>\$0</b>	<b>\$115,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$115,000</b>

**Estimated Add'l Operational Costs**

- Debt service	\$0	\$21,604	\$20,864	\$20,125	\$19,386	\$81,979
- Utilities, insurance, maintenance	\$0	\$0	\$15,000	\$15,000	\$15,000	\$45,000
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$21,604</b>	<b>\$35,864</b>	<b>\$35,125</b>	<b>\$34,386</b>	<b>\$126,979</b>

<b>DEPARTMENT:</b>	<b>Information Services</b>					
<b>PROJECT NAME:</b>	<b>Replacement Case Management Software - Commonwealth's Attorney</b>					
<b>PROJECT CONTACT/PHONE #:</b>	To Be Determined					
<b>PROJECT LOCATION:</b>	N/A					
<b>PROJECT DESCRIPTION:</b>	Replacement of the Commonwealth's Attorney's case management software. Installation of the new software includes a new file server and data conversion.					
<b>PROJECT OBJECTIVE:</b>	This project will replace the Commonwealth's Attorney's case management software. The existing software has been in place for 12 years and is expected to begin failing soon. The software is used to track criminal cases, felony caseload, and assists with document preparation (indictments, subpoenas, etc).					
<b>TOTAL CAPITAL PROJECT COST:</b>	\$90,000					
<b>FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:</b>	Planning & Design		Property Acquisition		Construction/Implementation	
	N/A		N/A		FY 2014	
<b>PRIOR YEAR BUDGETS:</b>	\$0					
<b>COSTS PROJECTED BEYOND CIP PERIOD:</b>	\$0					
<b>Projected Project Revenues &amp; Expenditures</b>						
	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total
<b>Financing/Funding Methods:</b>						
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	\$65,000	\$0	\$0	\$0	\$0	\$65,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ( Forfeiture/Seizure Assets )	\$25,000	\$0	\$0	\$0	\$0	\$25,000
<b>Total Projected/Requested Funding</b>	<b>\$90,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$90,000</b>
<b>Projected Capital Expenditures:</b>						
Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Vehicles & Equipment	\$90,000	\$0	\$0	\$0	\$0	\$90,000
<b>Total Projected Capital Expenditures</b>	<b>\$90,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$90,000</b>
<b>Estimated Add'l Operational Costs</b>						
- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$47,000	\$47,000	\$47,000	\$47,000	\$47,000	\$235,000
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Est Add'l Operational Costs</b>	<b>\$47,000</b>	<b>\$47,000</b>	<b>\$47,000</b>	<b>\$47,000</b>	<b>\$47,000</b>	<b>\$235,000</b>

<b>DEPARTMENT:</b>	<b>Information Services</b>					
<b>PROJECT NAME:</b>	<b>Crime Scene Processing Equipment/Software - Sheriff's Office</b>					
<b>PROJECT CONTACT/PHONE #:</b>	Carter Wells, 507-7195					
<b>PROJECT LOCATION:</b>	N/A					
<b>PROJECT DESCRIPTION:</b>	Purchase and installation of crime scene processing software and equipment. Used with a computer and a camera, the software documents crime and accident scenes using 2D and 3D imagery.					
<b>PROJECT OBJECTIVE:</b>	The software is expected to significantly reduce the amount of time investigators spend documenting and measuring scenes. The software can also be used to build a tactical and lifesaving crisis plan response for active shooters and can aid in courtroom presentations. This software and equipment will benefit multiple divisions within the Sheriff's Office to include Criminal Investigations Division (CID), School Resource Officers (SROs), Emergency Response Team (ERT), Traffic and Patrol.					
<b>TOTAL CAPITAL PROJECT COST:</b>	\$60,000					
<b>FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:</b>	Planning & Design	Property Acquisition	Construction/Implementation			
	N/A	N/A	FY 2014			
<b>PRIOR YEAR BUDGETS:</b>	\$0					
<b>COSTS PROJECTED BEYOND CIP PERIOD:</b>	\$0					
<b>Projected Project Revenues &amp; Expenditures</b>						
	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total
<b>Financing/Funding Methods:</b>						
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	\$60,000	\$0	\$0	\$0	\$0	\$60,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ( )	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected/Requested Funding</b>	<b>\$60,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$60,000</b>
<b>Projected Capital Expenditures:</b>						
Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Vehicles & Equipment	\$60,000	\$0	\$0	\$0	\$0	\$60,000
<b>Total Projected Capital Expenditures</b>	<b>\$60,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$60,000</b>
<b>Estimated Add'l Operational Costs</b>						
- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

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

**PROJECT DESCRIPTION:** Upgrade to the existing system which streamlines and automates the selection and summons of jury participants. The Clerk of the Circuit Court maintains the jury program for the courts. Continued replacement and expansion 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 reached exceeded its expected useful life cycle in 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:** \$60,000

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 2014	FY 2015	FY 2016	FY 2017	FY 2018	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	\$60,000	\$0	\$0	\$0	\$60,000
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
<b>Total Projected/Requested Funding</b>	<b>\$0</b>	<b>\$60,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$60,000</b>

**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	\$60,000	\$0	\$0	\$0	\$60,000
<b>Total Projected Capital Expenditures</b>	<b>\$0</b>	<b>\$60,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$60,000</b>

**Estimated Add'l Operational Costs**

- Debt service	\$0	\$11,271	\$10,886	\$10,500	\$10,114	\$42,771
- Utilities, insurance, maintenance	\$0	\$0	\$6,000	\$6,000	\$6,000	\$18,000
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$11,271</b>	<b>\$16,886</b>	<b>\$16,500</b>	<b>\$16,114</b>	<b>\$60,771</b>

<b>DEPARTMENT:</b>	<b>Utilities/Public Works</b>					
<b>PROJECT NAME:</b>	<b>East of I-95 Consolidated Solid Waste Convenience Center</b>					
<b>PROJECT CONTACT/PHONE #:</b>	Benjamin Loveday, 540-507-7307					
<b>PROJECT LOCATION:</b>	To be determined.					
<b>PROJECT DESCRIPTION:</b>	<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>					
<b>PROJECT OBJECTIVE:</b>						
<b>TOTAL CAPITAL PROJECT COST:</b>	\$2,197,500					
<b>FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:</b>	Planning & Design		Property Acquisition		Construction/Implementation	
	FY 2015 & FY 2016		FY 2016		FY 2017	
<b>PRIOR YEAR BUDGETS:</b>	\$0					
<b>COSTS PROJECTED BEYOND CIP PERIOD:</b>	\$0					
<b>Projected Project Revenues &amp; Expenditures</b>						
	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total
<b>Financing/Funding Methods:</b>						
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	\$50,000	\$737,500	\$1,410,000	\$0	\$2,197,500
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ( )	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected/Requested Funding</b>	<b>\$0</b>	<b>\$50,000</b>	<b>\$737,500</b>	<b>\$1,410,000</b>	<b>\$0</b>	<b>\$2,197,500</b>
<b>Projected Capital Expenditures:</b>						
Land	\$0	\$0	\$619,500	\$0	\$0	\$619,500
Professional Services	\$0	\$50,000	\$118,000	\$0	\$0	\$168,000
Construction	\$0	\$0	\$0	\$1,210,000	\$0	\$1,210,000
Vehicles & Equipment	\$0	\$0	\$0	\$200,000	\$0	\$200,000
<b>Total Projected Capital Expenditures</b>	<b>\$0</b>	<b>\$50,000</b>	<b>\$737,500</b>	<b>\$1,410,000</b>	<b>\$0</b>	<b>\$2,197,500</b>
<b>Estimated Add'l Operational Costs</b>						
- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**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 2014	FY 2015	FY 2016	FY 2017	FY 2018	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	\$150,000	\$0	\$0	\$150,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ( )	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected/Requested Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$150,000</b>

**Projected Capital Expenditures:**

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

**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
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**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:** Maintain and repave surfaces as necessary to prevent pavement failures. FY 2014: 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 2015 - FY 2018: \$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:** \$355,000

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 2014	FY 2015	FY 2016	FY 2017	FY 2018	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	\$160,000	\$105,000	\$30,000	\$30,000	\$30,000	\$355,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ( )	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected/Requested Funding</b>	<b>\$160,000</b>	<b>\$105,000</b>	<b>\$30,000</b>	<b>\$30,000</b>	<b>\$30,000</b>	<b>\$355,000</b>

**Projected Capital Expenditures:**

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$160,000	\$105,000	\$30,000	\$30,000	\$30,000	\$355,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected Capital Expenditures</b>	<b>\$160,000</b>	<b>\$105,000</b>	<b>\$30,000</b>	<b>\$30,000</b>	<b>\$30,000</b>	<b>\$355,000</b>

**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
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

<b>DEPARTMENT:</b>	<b>Utilities/Public Works</b>					
<b>PROJECT NAME:</b>	<b>Conversion of Post Oak Site to At-Grade Compactor</b>					
<b>PROJECT CONTACT/PHONE #:</b>	Benjamin L. Loveday, 540-507-7307					
<b>PROJECT LOCATION:</b>	Post Oak convenience site					
<b>PROJECT DESCRIPTION:</b>	Conversion of existing compact to at-grade compactor a the Post Oak convenience site.					
<b>PROJECT OBJECTIVE:</b>	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.					
<b>TOTAL CAPITAL PROJECT COST:</b>	\$100,000					
<b>FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:</b>	Planning & Design	Property Acquisition	Construction/Implementation			
	N/A	N/A	FY 2014			
<b>PRIOR YEAR BUDGETS:</b>	\$0					
<b>COSTS PROJECTED BEYOND CIP PERIOD:</b>	\$0					
<b>Projected Project Revenues &amp; Expenditures</b>						
	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total
<b>Financing/Funding Methods:</b>						
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
<b>Total Projected/Requested Funding</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>
<b>Projected Capital Expenditures:</b>						
Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$40,000	\$0	\$0	\$0	\$40,000
Vehicles & Equipment	\$0	\$60,000	\$0	\$0	\$0	\$60,000
<b>Total Projected Capital Expenditures</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>
<b>Estimated Add'l Operational Costs</b>						
- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	-\$1,750	-\$1,750	-\$1,750	-\$1,750	-\$7,000
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>-\$1,750</b>	<b>-\$1,750</b>	<b>-\$1,750</b>	<b>-\$1,750</b>	<b>-\$7,000</b>

**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:** This project is to maintain an operational fleet of vehicles to remain in compliance with DEQ and operating permit 547. This includes replacement of pick-up and portable gas analyzer instrumentation in FY 2014; replacement of a pick-up and a one-ton crane in FY 2015; rebuild of a bulldozer, replacement of a pick-up and a pump in FY 2016; rebuild of 3 track loaders and an articulated dump truck in FY 2017; and a tractor replacement in FY 2018.

**TOTAL CAPITAL PROJECT COST:**

\$654,500

**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:**

\$0

**COSTS PROJECTED BEYOND CIP PERIOD:**

\$0

**Projected Project Revenues & Expenditures**

FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	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	\$41,350	\$180,000	\$60,500	\$351,500	\$20,000	\$653,350
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ( interest earnings )	\$1,150	\$0	\$0	\$0	\$0	\$1,150
<b>Total Projected/Requested Funding</b>	<b>\$42,500</b>	<b>\$180,000</b>	<b>\$60,500</b>	<b>\$351,500</b>	<b>\$20,000</b>	<b>\$654,500</b>

**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	\$42,500	\$180,000	\$60,500	\$351,500	\$20,000	\$654,500
<b>Total Projected Capital Expenditures</b>	<b>\$42,500</b>	<b>\$180,000</b>	<b>\$60,500</b>	<b>\$351,500</b>	<b>\$20,000</b>	<b>\$654,500</b>

**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
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**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:** The objective of this project is to maintain a fleet of vehicles that can accomplish the level of service required for refuse collections. This includes the replacement of a pick-up, two compactors, two roll-off trucks, a hooklift truck, and a lift gate in FY 2015; a pick-up, a compactor, a road tractor, and a front loader in FY 2016; a baler and a unloader in FY 2017; and a compactor and a roll-off truck in FY 2018.

**TOTAL CAPITAL PROJECT COST:**

\$1,560,000

**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 2014	FY 2015	FY 2016	FY 2017	FY 2018	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	\$615,000	\$495,000	\$200,000	\$250,000	\$1,560,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ( )	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected/Requested Funding</b>	<b>\$0</b>	<b>\$615,000</b>	<b>\$495,000</b>	<b>\$200,000</b>	<b>\$250,000</b>	<b>\$1,560,000</b>

**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	\$615,000	\$495,000	\$200,000	\$250,000	\$1,560,000
<b>Total Projected Capital Expenditures</b>	<b>\$0</b>	<b>\$615,000</b>	<b>\$495,000</b>	<b>\$200,000</b>	<b>\$250,000</b>	<b>\$1,560,000</b>

**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
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**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:**

\$870,408

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

Planning & Design	Property Acquisition	Construction/Implementation
FY 2007, FY 2016	N/A	FY 2016

**PRIOR YEAR BUDGETS:**

\$75,408

**COSTS PROJECTED BEYOND CIP PERIOD:**

\$0

**Projected Project Revenues & Expenditures**

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total
<b>Financing/Funding Methods:</b>						
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	\$795,000	\$0	\$0	\$795,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ( )	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected/Requested Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$795,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$795,000</b>
<b>Projected Capital Expenditures:</b>						
Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$70,000	\$0	\$0	\$70,000
Construction	\$0	\$0	\$725,000	\$0	\$0	\$725,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected Capital Expenditures</b>	<b>\$0</b>	<b>\$0</b>	<b>\$795,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$795,000</b>
<b>Estimated Add'l Operational Costs</b>						
- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$40,334	\$42,194	\$82,528
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$40,334</b>	<b>\$42,194</b>	<b>\$82,528</b>

**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:**

\$350,000

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

Planning & Design	Property Acquisition	Construction/Implementation
FY 2008	County owns land	FY 2017

**PRIOR YEAR BUDGETS:**

\$0

**COSTS PROJECTED BEYOND CIP PERIOD:**

\$0

**Projected Project Revenues & Expenditures**

FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	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	\$350,000	\$0	\$350,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ( )	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected/Requested Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$350,000</b>	<b>\$0</b>	<b>\$350,000</b>

**Projected Capital Expenditures:**

Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Land	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$350,000	\$0	\$350,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected Capital Expenditures</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$350,000</b>	<b>\$0</b>	<b>\$350,000</b>

**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
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**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:**

\$552,987

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

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

**PRIOR YEAR BUDGETS:**

\$52,987

**COSTS PROJECTED BEYOND CIP PERIOD:**

\$0

**Projected Project Revenues & Expenditures**

FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	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	\$500,000	\$500,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ( )	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected/Requested Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$500,000</b>

**Projected Capital Expenditures:**

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

**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
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**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:**

\$857,248

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

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

**PRIOR YEAR BUDGETS:**

\$567,248

**COSTS PROJECTED BEYOND CIP PERIOD:**

\$0

**Projected Project Revenues & Expenditures**

FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	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	\$284,700	\$0	\$0	\$284,700
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other (Donations)	\$0	\$0	\$5,300	\$0	\$0	\$5,300
<b>Total Projected/Requested Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$290,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$290,000</b>

**Projected Capital Expenditures:**

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$61,000	\$0	\$0	\$61,000
Construction	\$0	\$0	\$229,000	\$0	\$0	\$229,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected Capital Expenditures</b>	<b>\$0</b>	<b>\$0</b>	<b>\$290,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$290,000</b>

**Estimated Add'l Operational Costs**

- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$13,992	\$28,824	\$42,816
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$13,992</b>	<b>\$28,824</b>	<b>\$42,816</b>

**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, meeting today's site plan/code requirements for parking, drive aisle, ADA parking and accessibility, and storm water management/Chesapeake Bay/wetland permitting.

**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 2015	County owns land	FY 2015

**PRIOR YEAR BUDGETS:**

\$1,531

**COSTS PROJECTED BEYOND CIP PERIOD:**

\$0

**Projected Project Revenues & Expenditures**

FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	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
<b>Total Projected/Requested Funding</b>	<b>\$0</b>	<b>\$533,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$533,000</b>

**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
<b>Total Projected Capital Expenditures</b>	<b>\$0</b>	<b>\$533,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$533,000</b>

**Estimated Add'l Operational Costs**

- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$13,443	\$13,846	\$14,261	\$41,550
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$0</b>	<b>\$13,443</b>	<b>\$13,846</b>	<b>\$14,261</b>	<b>\$41,550</b>

**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.

**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 2017		County owns land	FY 2018

**PRIOR YEAR BUDGETS:** \$3,061

**COSTS PROJECTED BEYOND CIP PERIOD:** \$0

**Projected Project Revenues & Expenditures**

FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	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
<b>Total Projected/Requested Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$350,000</b>	<b>\$3,020,000</b>	<b>\$3,370,000</b>

**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
<b>Total Projected Capital Expenditures</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$350,000</b>	<b>\$3,020,000</b>	<b>\$3,370,000</b>

**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
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**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:**

\$893,000

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

Planning & Design	Property Acquisition	Construction/Implementation
FY 2012	County Owns Land	FY 2013/FY 2015

**PRIOR YEAR BUDGETS:**

\$495,000

**COSTS PROJECTED BEYOND CIP PERIOD:**

\$0

**Projected Project Revenues & Expenditures**

FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	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	\$190,400	\$0	\$0	\$0	\$190,400
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ( Concession Receipts & Interest Earnings )	\$0	\$207,600	\$0	\$0	\$0	\$207,600
<b>Total Projected/Requested Funding</b>	<b>\$0</b>	<b>\$398,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$398,000</b>

**Projected Capital Expenditures:**

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$398,000	\$0	\$0	\$0	\$398,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected Capital Expenditures</b>	<b>\$0</b>	<b>\$398,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$398,000</b>

**Estimated Add'l Operational Costs**

- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$6,697	\$7,032	\$7,383	\$21,112
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,697</b>	<b>\$7,032</b>	<b>\$7,383</b>	<b>\$21,112</b>

**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 2015	N/A	FY 2015

**PRIOR YEAR BUDGETS:**

\$0

**COSTS PROJECTED BEYOND CIP PERIOD:**

\$0

**Projected Project Revenues & Expenditures**

FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	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	\$175,000	\$0	\$0	\$0	\$175,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ( )	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected/Requested Funding</b>	<b>\$0</b>	<b>\$175,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$175,000</b>

**Projected Capital Expenditures:**

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

**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
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**DEPARTMENT:**  
**PROJECT NAME:**  
**PROJECT CONTACT/PHONE #:**  
**PROJECT LOCATION:**

**Parks and Recreation**  
**Legion Complex - Repaving**  
**Kevin Brooks / 507-7525**

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 2014	FY 2015	FY 2016	FY 2017	FY 2018	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	\$238,000	\$0	\$0	\$0	\$238,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ( )	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected/Requested Funding</b>	<b>\$0</b>	<b>\$238,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$238,000</b>

**Projected Capital Expenditures:**

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

**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
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

<b>DEPARTMENT:</b>	<b>Parks and Recreation</b>					
<b>PROJECT NAME:</b>	<b>Tennis Courts - Resurfacing</b>					
<b>PROJECT CONTACT/PHONE #:</b>	Kevin Brooks / 507-7525					
<b>PROJECT LOCATION:</b>	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.					
<b>PROJECT DESCRIPTION:</b>	Resurfacing of seven (7) total tennis courts located within three (3) existing Parks and Recreation facilities to meet proper maintenance guidelines.					
<b>PROJECT OBJECTIVE:</b>	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.					
<b>TOTAL CAPITAL PROJECT COST:</b>	\$175,000					
<b>FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:</b>	Planning & Design		Property Acquisition		Construction/Implementation	
	N/A		N/A		FY 2015	
<b>PRIOR YEAR BUDGETS:</b>	\$0					
<b>COSTS PROJECTED BEYOND CIP PERIOD:</b>	\$0					
<b>Projected Project Revenues &amp; Expenditures</b>						
	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>5-Year Total</b>
<b>Financing/Funding Methods:</b>						
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	\$175,000	\$0	\$0	\$0	\$175,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ( )	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected/Requested Funding</b>	<b>\$0</b>	<b>\$175,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$175,000</b>
<b>Projected Capital Expenditures:</b>						
Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$175,000	\$0	\$0	\$0	\$175,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected Capital Expenditures</b>	<b>\$0</b>	<b>\$175,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$175,000</b>
<b>Estimated Add'l Operational Costs</b>						
- Debt service	\$0	\$0	\$0	\$0	\$0	\$0
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**DEPARTMENT:**

**Department of Fire, Rescue, and Emergency Management**

**PROJECT NAME:**

**Regional Fire Training Center**

**PROJECT CONTACT/PHONE #:**

R.C. Eudailey, 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 2015		N/A	FY 2015/FY 2017

**PRIOR YEAR BUDGETS:**

\$1,526,222

**COSTS PROJECTED BEYOND CIP PERIOD:**

\$0

**Projected Project Revenues & Expenditures**

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total
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**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
<b>Total Projected/Requested Funding</b>	<b>\$0</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$1,250,000</b>

**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
<b>Total Projected Capital Expenditures</b>	<b>\$0</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$1,250,000</b>

**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
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**DEPARTMENT:** Department of Fire, Rescue, and Emergency Management

**PROJECT NAME:** Replacement Fire/Rescue Apparatus

**PROJECT CONTACT/PHONE #:** R.C. Eudailey, 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:**

\$10,928,108

**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:**

**COSTS PROJECTED BEYOND CIP PERIOD:**

**Projected Project Revenues & Expenditures**

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total
<b>Financing/Funding Methods:</b>						
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	\$1,671,750	\$2,712,750	\$0	\$0	\$0	\$4,384,500
Federal Aid	\$0	\$0	\$0	\$0	\$0	\$0
General Revenue	\$0	\$578,814	\$1,881,138	\$1,975,198	\$2,073,958	\$6,509,108
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other (Interest Earnings)	\$34,500	\$0	\$0	\$0	\$0	\$34,500
<b>Total Projected/Requested Funding</b>	<b>\$1,706,250</b>	<b>\$3,291,564</b>	<b>\$1,881,138</b>	<b>\$1,975,198</b>	<b>\$2,073,958</b>	<b>\$10,928,108</b>
<b>Projected Capital Expenditures:</b>						
Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Vehicles & Equipment	\$1,706,250	\$3,291,564	\$1,881,138	\$1,975,198	\$2,073,958	\$10,928,108
<b>Total Projected Capital Expenditures</b>	<b>\$1,706,250</b>	<b>\$3,291,564</b>	<b>\$1,881,138</b>	<b>\$1,975,198</b>	<b>\$2,073,958</b>	<b>\$10,928,108</b>

**Estimated Add'l Operational Costs**

- Debt service	\$232,763	\$574,520	\$557,970	\$541,420	\$524,869	\$2,431,542
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Est Add'l Operational Costs</b>	<b>\$232,763</b>	<b>\$574,520</b>	<b>\$557,970</b>	<b>\$541,420</b>	<b>\$524,869</b>	<b>\$2,431,542</b>

**DEPARTMENT:** Department of Fire, Rescue, and Emergency Management

**PROJECT NAME:** SCBA Replacement

**PROJECT CONTACT/PHONE #:** R.C. Eudailey, 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 airpaks 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:** \$3,000,000

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

**PRIOR YEAR BUDGETS:** \$0

**COSTS PROJECTED BEYOND CIP PERIOD:** \$0

**Projected Project Revenues & Expenditures**

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	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	\$3,000,000	\$0	\$0	\$0	\$3,000,000
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
<b>Total Projected/Requested Funding</b>	<b>\$0</b>	<b>\$3,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,000,000</b>

**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	\$3,000,000	\$0	\$0	\$0	\$3,000,000
<b>Total Projected Capital Expenditures</b>	<b>\$0</b>	<b>\$3,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,000,000</b>

**Estimated Add'l Operational Costs**

- Debt service	\$0	\$563,571	\$544,286	\$525,000	\$505,714	\$2,138,571
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$563,571</b>	<b>\$544,286</b>	<b>\$525,000</b>	<b>\$505,714</b>	<b>\$2,138,571</b>



# Transportation Projects

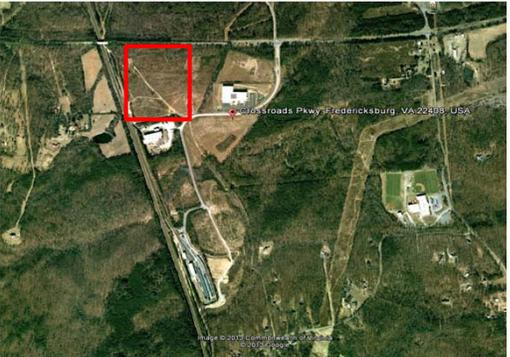


**DEPARTMENT: Capital Projects Management**

**PROJECT NAME: Transportation - Virginia Railway Express (VRE) Station**

**PROJECT CONTACT/PHONE #: Becky Golden, 507-7009**

**PROJECT LOCATION:** Off Rt. 17 along Crossroads Parkway, in the general vicinity of the red square on picture to right. (Photo credit: Google Earth)



**PROJECT DESCRIPTION:** Project consists of land acquisition, 1,500 paved parking spaces, area for future parking deck, intersection improvements, platform canopy and public restrooms.

**PROJECT OBJECTIVE:** Reduce traffic congestion on I-95, spur economic development opportunities, relieve parking congestion and demand at Fredericksburg VRE station. Fulfill citizens need for multimodal transportation opportunities in the region.

**TOTAL CAPITAL PROJECT COST:** \$15,898,806

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:	Planning & Design	Property Acquisition	Construction/Implementation
	FY 2012 - FY 2013	FY 2013	FY 2013 - FY 2014

**PRIOR YEAR BUDGETS:** \$13,898,806

**COSTS PROJECTED BEYOND CIP PERIOD:** \$0

**Projected Project Revenues & Expenditures**

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total
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**Financing/Funding Methods:**

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$767,412	\$0	\$0	\$0	\$0	\$767,412
State Aid	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000
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 (Interest Earnings)	\$232,588	\$0	\$0	\$0	\$0	\$232,588
<b>Total Projected/Requested Funding</b>	<b>\$2,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,000,000</b>

**Projected Capital Expenditures:**

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected Capital Expenditures</b>	<b>\$2,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,000,000</b>

**Estimated Add'l Operational Costs**

- Debt service	\$67,149	\$65,710	\$64,271	\$62,832	\$61,393	\$321,355
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Est Add'l Operational Costs</b>	<b>\$67,149</b>	<b>\$65,710</b>	<b>\$64,271</b>	<b>\$62,832</b>	<b>\$61,393</b>	<b>\$321,355</b>

**DEPARTMENT:**

**Capital Projects Management**

**PROJECT NAME:**

**Harrison Rd East/Rt 1 Intersection Improvements**

**PROJECT CONTACT/PHONE #:**

Becky Golden, 507-7009

**PROJECT LOCATION:**

Intersection of Harrison Road and Rt. 1  
(Photo credit: Google Earth)



**PROJECT DESCRIPTION:**

Portion of 4-lane divided Harrison to Graningers Circle; close Rt. 1 Service Road; reconfigure side streets west of Rt. 1; Dual left turning lanes for northbound Rt. 1; Wide radius for southbound Rt. 1 to westbound Harrison (tractor trailer radius). VDOT is administering this project using Federal funding from FAMPO, Secondary funds, and VDOT revenue sharing funds. The funding included in the FY 2014 - FY 2018 CIP is the County's anticipated match of revenue sharing funding.

**PROJECT OBJECTIVE:**

To reduce congestion and accidents.

**TOTAL CAPITAL PROJECT COST:**

\$2,158,000

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

Planning & Design	Property Acquisition	Construction/Implementation
FY 2012 - FY 2013	FY 2013 - FY 2014	FY 2014

**PRIOR YEAR BUDGETS:**

\$0

**COSTS PROJECTED BEYOND CIP PERIOD:**

\$0

**Projected Project Revenues & Expenditures**

FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total
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**Financing/Funding Methods:**

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$2,158,000	\$0	\$0	\$0	\$0	\$2,158,000
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 (Interest Earnings)	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected/Requested Funding</b>	<b>\$2,158,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,158,000</b>

**Projected Capital Expenditures:**

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$2,158,000	\$0	\$0	\$0	\$0	\$2,158,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected Capital Expenditures</b>	<b>\$2,158,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,158,000</b>

**Estimated Add'l Operational Costs**

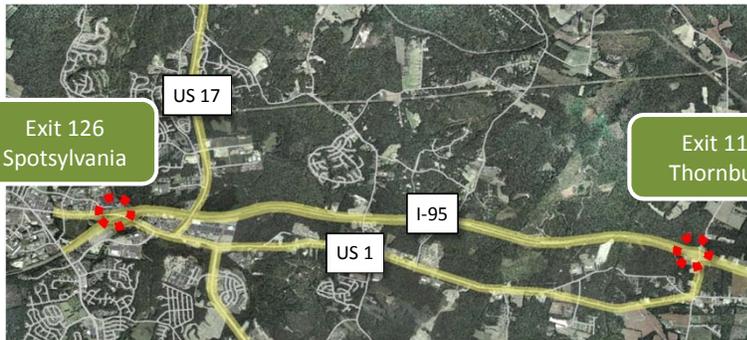
- Debt service	\$188,825	\$184,779	\$180,733	\$176,686	\$172,640	\$903,663
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Est Add'l Operational Costs</b>	<b>\$188,825</b>	<b>\$184,779</b>	<b>\$180,733</b>	<b>\$176,686</b>	<b>\$172,640</b>	<b>\$903,663</b>

**DEPARTMENT: Capital Projects Management**

**PROJECT NAME: Preliminary Design of Interchange Improvements at I-95 Exits 118 & 126**

**PROJECT CONTACT/PHONE #:** Dan Cole, 507-7398

**PROJECT LOCATION:** I-95 / US Route 1 - Spotsylvania Interchange (Exit 126) and I-95 / State Route 606 - Thornburg Interchange (Exit 126)



**PROJECT DESCRIPTION:** Improve both interchanges to accommodate increased traffic and turning movements. Provide Collector-Distributor (CD) Lanes for both northbound and southbound I-95 to process merge / weave movements without impacting the mainline through traffic. The Jackson Gateway Interchange Modification Report (IMR) provides a direct connection for US 17 onto the CD lanes to serve the new VRE Commuter lot located on US 17 east of I-95.

**PROJECT OBJECTIVE:** To eliminate traffic back-ups on the I-95 mainline that cause rear end collisions. Process increased traffic turning movements on to I-95 for commuters, to reduce congestion on the secondary and primary roads served by the two interchanges.

**TOTAL CAPITAL PROJECT COST:**

\$2,000,000

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

	Planning & Design	Property Acquisition	Construction/Implementation
FY 2014		N/A	N/A

**PRIOR YEAR BUDGETS:**

\$0

**COSTS PROJECTED BEYOND CIP PERIOD:**

\$0

**Projected Project Revenues & Expenditures**

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total
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**Financing/Funding Methods:**

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000
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 (Interest Earnings)	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected/Requested Funding</b>	<b>\$2,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,000,000</b>

**Projected Capital Expenditures:**

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected Capital Expenditures</b>	<b>\$2,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,000,000</b>

**Estimated Add'l Operational Costs**

- Debt service	\$175,000	\$171,250	\$167,500	\$163,750	\$160,000	\$837,500
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Est Add'l Operational Costs</b>	<b>\$175,000</b>	<b>\$171,250</b>	<b>\$167,500</b>	<b>\$163,750</b>	<b>\$160,000</b>	<b>\$837,500</b>

**DEPARTMENT:**

**Capital Projects Management**

**PROJECT NAME:**

**Mine/Falcon/Spotsylvania Avenue Intersection Improvements**

**PROJECT CONTACT/PHONE #:**

Becky Golden, 507-7009

**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.

**PROJECT OBJECTIVE:**

To reduce congestion and accidents.

**TOTAL CAPITAL PROJECT COST:**

\$1,314,215

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

Planning & Design	Property Acquisition	Construction/Implementation
FY 2015	FY 2015 - FY 2016 (Right of Way)	FY 2015 - FY 2016

**PRIOR YEAR BUDGETS:**

\$104,116

**COSTS PROJECTED BEYOND CIP PERIOD:**

\$0

**Projected Project Revenues & Expenditures**

FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total
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**Financing/Funding Methods:**

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$557,276	\$652,823	\$0	\$0	\$1,210,099
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
<b>Total Projected/Requested Funding</b>	<b>\$0</b>	<b>\$557,276</b>	<b>\$652,823</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,210,099</b>

**Projected Capital Expenditures:**

Land	\$0	\$63,974	\$31,987	\$0	\$0	\$95,961
Professional Services	\$0	\$108,634	\$0	\$0	\$0	\$108,634
Construction	\$0	\$384,668	\$620,836	\$0	\$0	\$1,005,504
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected Capital Expenditures</b>	<b>\$0</b>	<b>\$557,276</b>	<b>\$652,823</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,210,099</b>

**Estimated Add'l Operational Costs**

- Debt service	\$0	\$52,941	\$113,706	\$110,983	\$108,260	\$385,890
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$52,941</b>	<b>\$113,706</b>	<b>\$110,983</b>	<b>\$108,260</b>	<b>\$385,890</b>

**DEPARTMENT:** Capital Projects Management

**PROJECT NAME:** Jones Powell Hill Improvement

**PROJECT CONTACT/PHONE #:** Becky Golden, 507-7009

**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.

**PROJECT OBJECTIVE:**

**TOTAL CAPITAL PROJECT COST:**

\$1,630,000

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

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

**PRIOR YEAR BUDGETS:**

\$0

**COSTS PROJECTED BEYOND CIP PERIOD:**

\$0

**Projected Project Revenues & Expenditures**

FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total
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**Financing/Funding Methods:**

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$0	\$1,630,000	\$0	\$0	\$0	\$1,630,000
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
<b>Total Projected/Requested Funding</b>	<b>\$0</b>	<b>\$1,630,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,630,000</b>

**Projected Capital Expenditures:**

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$163,000	\$0	\$0	\$0	\$163,000
Construction	\$0	\$1,467,000	\$0	\$0	\$0	\$1,467,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected Capital Expenditures</b>	<b>\$0</b>	<b>\$1,630,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,630,000</b>

**Estimated Add'l Operational Costs**

- Debt service	\$0	\$154,850	\$151,183	\$147,515	\$143,848	\$597,396
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$154,850</b>	<b>\$151,183</b>	<b>\$147,515</b>	<b>\$143,848</b>	<b>\$597,396</b>

**DEPARTMENT:**

**Capital Projects Management**

**PROJECT NAME:**

**Transportation - "Fair" Unpaved Roads**

**PROJECT CONTACT/PHONE #:**

Becky Golden, 507-7009

**PROJECT LOCATION:**

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



**PROJECT DESCRIPTION:**

FY 14: Belfonte Road, Williams Lane and Spotswood Furnace Road. FY 15: Woolfolk, Twilight Lane/Blaydes Corner and Haleys Mill. FY 16: Sullivan Road, Mastin Lane, Parker Lane, Mallard Point Lane, Ryland Payne Road, Wigglesworth Road and White Shop Lane.

**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 2014 - FY 2016

**PRIOR YEAR BUDGETS:**

\$66,727

**COSTS PROJECTED BEYOND CIP PERIOD:**

\$0

**Projected Project Revenues & Expenditures**

FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total
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**Financing/Funding Methods:**

Proffers	\$0	\$0	\$0	\$0	\$0	\$0
General Obligation Bond	\$1,148,400	\$1,288,800	\$1,234,800	\$0	\$0	\$3,672,000
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 ( Interest Earnings )	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected/Requested Funding</b>	<b>\$1,148,400</b>	<b>\$1,288,800</b>	<b>\$1,234,800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,672,000</b>

**Projected Capital Expenditures:**

Land	\$0	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$1,148,400	\$1,288,800	\$1,234,800	\$0	\$0	\$3,672,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected Capital Expenditures</b>	<b>\$1,148,400</b>	<b>\$1,288,800</b>	<b>\$1,234,800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,672,000</b>

**Estimated Add'l Operational Costs**

- Debt service	\$100,485	\$220,768	\$333,021	\$325,189	\$317,358	\$1,296,821
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Est Add'l Operational Costs</b>	<b>\$100,485</b>	<b>\$220,768</b>	<b>\$333,021</b>	<b>\$325,189</b>	<b>\$317,358</b>	<b>\$1,296,821</b>

**DEPARTMENT: Capital Projects Management**

**PROJECT NAME: Transportation - Lanes Corner Road**

**PROJECT CONTACT/PHONE #:** Becky Golden, 507-7009

**PROJECT LOCATION:**

Lanes Corner Road is a State-maintained, unpaved road between Post Oak Road and Courthouse Road. Line in picture to the right reflects approximate location of improvements. (Photo credit: Google Earth)



**PROJECT DESCRIPTION:** Lanes Corner Road is a State-maintained, unpaved road between Post Oak Road and Courthouse Road. Approximately 45 homes use Lanes Corner Road, and it is ranked as "Fair" condition on the Board of Supervisors' Unpaved Road inventory. This project will widen, improve curvature and major drainage culvert crossings, install roadside ditches and driveway culverts, and install plant mix asphalt road for 2.75 miles. Project to be 100% funded from future Secondary Road allocations.

**PROJECT OBJECTIVE:** Design, acquire right-of-way, relocate utilities and construct, using 100% VDOT Secondary Road funding for this through-unpaved road. Two 12' wide travel lanes, 8' wide shoulders, open drainage and a plant mix asphalt typical section is required to carry existing and anticipated traffic.

**TOTAL CAPITAL PROJECT COST:** \$8,178,994

FISCAL YEAR IN WHICH EXPENDITURES BEGIN BY PHASE:	Planning & Design	Property Acquisition	Construction/Implementation
FY 2012 - FY 2013		TBD	TBD

**PRIOR YEAR BUDGETS:** \$972,626

**COSTS PROJECTED BEYOND CIP PERIOD:** \$4,000,000

**Projected Project Revenues & Expenditures**

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	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	\$1,474,812	\$432,889	\$432,889	\$432,889	\$432,889	\$3,206,368
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
<b>Total Projected/Requested Funding</b>	<b>\$1,474,812</b>	<b>\$432,889</b>	<b>\$432,889</b>	<b>\$432,889</b>	<b>\$432,889</b>	<b>\$3,206,368</b>

**Projected Capital Expenditures:**

Land	\$800,000	\$0	\$0	\$0	\$0	\$800,000
Professional Services	\$7,260	\$0	\$0	\$0	\$0	\$7,260
Construction	\$667,552	\$432,889	\$432,889	\$432,889	\$432,889	\$2,399,108
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected Capital Expenditures</b>	<b>\$1,474,812</b>	<b>\$432,889</b>	<b>\$432,889</b>	<b>\$432,889</b>	<b>\$432,889</b>	<b>\$3,206,368</b>

**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
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**DEPARTMENT:**

**Capital Projects Management**

**PROJECT NAME:**

**Hickory Ridge/Rt 1 Intersection Improvements**

**PROJECT CONTACT/PHONE #:**

Becky Golden, 507-7009

**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.

**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:**

\$3,890,000

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

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

**PRIOR YEAR BUDGETS:**

\$0

**COSTS PROJECTED BEYOND CIP PERIOD:**

\$0

**Projected Project Revenues & Expenditures**

FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total
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**Financing/Funding Methods:**

Proffers	\$0	\$15,000	\$0	\$0	\$0	\$15,000
General Obligation Bond	\$0	\$535,000	\$1,395,000	\$0	\$0	\$1,930,000
State Aid	\$0	\$550,000	\$1,395,000	\$0	\$0	\$1,945,000
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
<b>Total Projected/Requested Funding</b>	<b>\$0</b>	<b>\$1,100,000</b>	<b>\$2,790,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,890,000</b>

**Projected Capital Expenditures:**

Land	\$0	\$800,000	\$0	\$0	\$0	\$800,000
Professional Services	\$0	\$300,000	\$0	\$0	\$0	\$300,000
Construction	\$0	\$0	\$2,790,000	\$0	\$0	\$2,790,000
Vehicles & Equipment	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected Capital Expenditures</b>	<b>\$0</b>	<b>\$1,100,000</b>	<b>\$2,790,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,890,000</b>

**Estimated Add'l Operational Costs**

- Debt service	\$0	\$50,825	\$182,146	\$177,804	\$173,461	\$584,236
- Utilities, insurance, maintenance	\$0	\$0	\$0	\$0	\$0	\$0
- Personnel	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$50,825</b>	<b>\$182,146</b>	<b>\$177,804</b>	<b>\$173,461</b>	<b>\$584,236</b>

**DEPARTMENT:**

**Capital Projects Management**

**PROJECT NAME:**

**Transportation - General Engineering Consultant**

**PROJECT CONTACT/PHONE #:**

Becky Golden, 507-7009

**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 2014	FY 2015	FY 2016	FY 2017	FY 2018	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	\$20,000	\$20,000	\$20,000	\$0	\$0	\$60,000
Service Charge	\$0	\$0	\$0	\$0	\$0	\$0
Other ( )	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Projected/Requested Funding</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$60,000</b>

**Projected Capital Expenditures:**

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

**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
<b>Total Est Add'l Operational Costs</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>



# School Capital Projects



# School Capital Projects

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## **Transportation** (FY 14 – FY 18 costs = \$16,323,917)

Purchase of replacement school buses. These vehicles include 110 77-passenger buses and 33 buses for special needs students.

## **Capital Maintenance** (FY 14 – FY 18 costs = \$25,695,586)

Funding for this project addresses capital maintenance for existing School facilities and includes repair and/or replacement of 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 14 – FY 18 costs = \$18,049,742)

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

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## **General Projects**

### **Utility Lab/Office Expansion** (FY 14 – FY 18 costs = \$7,000,000)

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 14 – FY 18 costs = \$500,000)

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 14 – FY 18 costs = \$425,000)

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.

### **Water Treatment Plant SCADA Upgrades** (FY 14 – FY 18 costs = \$600,000)

Complete upgrade of SCADA system and PLC units to current generation matching units installed in plant upgrade to control and monitor processes at the water treatment plants. The PLCs control several plant processes, from data collection and plant alarm to a very advanced chemical pacing system.

## **Water Projects**

### **Motts Run Water Treatment Plant Expansion** (FY 14 – FY 18 costs = \$22,108,000)

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 14 – FY 18 costs = \$1,000,000)

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.

**Motts Run Dam Repairs** (FY 14 – FY 18 costs = \$2,500,000)

The drain line that runs under the Motts Dam is in need of repair. The drain line consists of a high density polyethylene (HDPE) liner inside a reinforced concrete conduit. The HDPE liner serves as a pressure vessel to move water between the Rappahannock River and the Motts Reservoir. The HDPE liner will be replaced with a steel pipe that is better suited to serve as a pressure vessel.

**Ni River Water Treatment Plant Improvements** (FY 14 – FY 18 costs = \$10,800,000)

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 14 – FY 18 costs = \$2,148,000)

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 14 – FY 18 costs = \$1,000,000)

Future funds were added for the replacement of 12" water line from Benchmark Road to New Post.

**New Water Source** (FY 14 – FY 18 costs = \$50,000)

This project consists of the planning, engineering, permitting, and regulatory compliance efforts required to identify and develop a new source of water supply for the County's waterworks. The County's current aggregate safe yield is between 21 and 22 MGD. An additional source is required to increase the factor of safety (ration of source to demand) to accommodate extreme drought events, changes in the regulatory process that could reduce current safe yields, potential expansion of the primary development boundary, and to ensure that demands generated by build-out development can be served.

**Tank Maintenance** (FY 14 – FY 18 costs = \$1,125,000)

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

**Motts Chlorine Gas Conversion to Hypochlorite** (FY 14 – FY 18 costs = \$400,000)

This project will convert the Motts plant from chlorine gas to sodium hypochlorite. Chlorine gas is being eliminated as a disinfectant due to public safety standards and regulation by the Environmental Protection Agency.

**Falcon Drive Extension of 12" Waterline** (FY 14 – FY 18 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 14 – FY 18 costs = \$300,000)

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

**16" Waterline – Andora Drive to Sawhill** (FY 14 – FY 18 costs = \$5,840,000)

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.

**8" Waterline - Chancellor Road** (FY 14 – FY 18 costs = \$100,000)

This project includes three sections of 8" waterline to connect gaps in the existing line along Chancellor Road and provide for a redundant feed farther down the Virginia Central waterline.

**Lake Bottom Water Main Replacement** (FY 14 – FY 18 costs = \$500,000)

Replacing existing 12" water main with a 16" water main between Jackson Trail East and Brock Road along the old Virginia Central Railroad bed. This project is approximately 10,000' in length. The existing water main was installed in the 1970s and supplies water to Fawn Lake and Spring Creek subdivisions.

**GPS Mapping** (FY 14 – FY 18 costs = \$100,000)

Upgrade of GIS system to include accurate location for valves, hydrants, manholes and other facility "as built" in the GIS layer. This includes ongoing improvements rectifying system mapping and use of the mapping system. Enables remote PDA entry programs and hosting to current ARCGIS software for hydrant flushing.

**Water Meter Replacement Program** (FY 14 – FY 18 costs = \$340,000)

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 14 – FY 18 costs = \$500,000)

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.

**Rt. 3/Bragg Road Piper Replacement** (FY 14 – FY 18 costs = \$250,000)

This project includes funding for replacement of a 12" waterline along Bragg Road and of a 16" waterline along Rt. 3.

**Morris Road 8" Waterline Relocation** (FY 14 – FY 18 costs = \$140,000)

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

**Maple Grove 2" Waterline Upgrade** (FY 14 – FY 18 costs = \$125,000)

This project will upgrade existing 2" waterlines to 6" waterlines in Maple Grove subdivision cul-de-sacs.

**Mine Road Waterline Extension** (FY 14 – FY 18 costs = \$150,000)

This project is extension of a 12" waterline to the end of Mine Road at the CSX rail crossing.

**Sewer Projects**

**I-95 to Woodland Drive – Phase II** (FY 14 – FY 18 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 14 – FY 18 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 14 – FY 18 costs = \$1,000,000)

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

**Fawn Lake Pump Stations 27 & 58** (FY 14 – FY 18 costs = \$1,350,000)

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 14 – FY 18 costs = \$1,000,000)

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

**Maple Grove Rehabilitation** (FY 14 – FY 18 costs = \$530,000)

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

**Waverly Village Rehabilitation** (FY 14 – FY 18 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 14 – FY 18 costs = \$4,620,000)

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.

**Thornburg Lagoon Liner Replacement** (FY 14 – FY 18 costs = \$60,000)

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.

**FMC Wastewater Treatment Plant Extension/Upgrade** (FY 14 – FY 18 costs = \$150,000)

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.

**Hazel Run Phase II Pump Station Abandonment** (FY 14 – FY 18 costs = \$769,000)

This project will complete the Hazel Run Interceptor that will run from Five Mile Fork to the Fredericksburg Wastewater Plant. It will also eliminate three pump stations and provide relief to the receiving lines for these pump stations. The project contains approximately 11,000' of 15" sewer lines and 2,600' of 8" sewer lines.

**Replacement of Pump Station 24** (FY 14 – FY 18 costs = \$1,500,000)

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.

**Calhoun Drive Sewer Improvements** (FY 14 – FY 18 costs = \$250,000)

This project will replace and upsize 1,100' of an existing 8" sewer line behind houses on Calhoun Drive that is failing and undersized. The new line will be 12" in diameter.

**Lafayette Crossing Pump Station Abandonment** (FY 14 – FY 18 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.

**Stonewall Estates Pump Station Replacement** (FY 14 – FY 18 costs = \$650,000)

Replacement of two existing sewer pump stations with a new 1 MGD sewer pump station. The project includes installation of 1,600' of 15" gravity sewer line and 1,700' of 12" sewer force main.

**Replacement Equipment – Field Services** (FY 14 – FY 18 costs = \$1,742,000)

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 14 – FY 18 costs = \$1,065,000)

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