

# ***READER'S GUIDE RELATING TO THE CAPITAL IMPROVEMENT PROGRAM***

The Capital Improvement Program (CIP), revised annually, proposes the acquisition, development, enhancement or replacement of public facilities to serve county citizens. The CIP depicts the arrangement of selected projects in priority order and establishes cost estimates and anticipated funding sources. The CIP also incorporates the County's three-year Technology Improvement Program (TIP). The TIP is also revised annually and depicts technology projects in priority order. The Utilities CIP and the Schools CIP are also detailed in this plan

Chesterfield County prepares a biennial budget to forecast future resource allocations necessary to meet programmatic needs. Chesterfield's biennium begins on July 1 of even-numbered years; the second year of the biennium begins on July 1 of odd-numbered years. FY2010 is the second year of the biennium. Consequently, when adopting the FY2009 Capital Improvement Program (CIP) budget, the Board also approved a budget for FY2010 through FY2014, with the understanding that the approved out year budgets would be revisited in the following year and after amendments, the first year of the CIP would be formally adopted. This document summarizes the amendments to the approved FY2009 – FY2014

Plan and should be used in combination with the Capital Improvement Plan document that was published in 2008. The published FY2009 – FY2014 CIP document includes detailed information concerning all funded projects, including descriptions, location, and operating impacts.

Explanations of the amendments included in this document are organized along the divisions of county government. Divisions are listed alphabetically and in total in the CIP summary tables. Following are divisional sections that provide divisional totals by project and highlights of major projects included in the CIP in the short term (fiscal years FY2010 – FY2012) and in the long term (fiscal years FY2013 – FY2015). Also included in the divisional highlights sections are explanations of changes made to specific projects originally included in the FY2009 – FY2014 CIP.

A few new projects are funded in the FY2010 – FY2015 amended CIP. Therefore, a full narrative of each new project follows each divisional highlights section in this document.

Similar amendment information for School and Utility capital projects is also included in this document.

**COMPOSITION OF THE  
CAPITAL IMPROVEMENT PROGRAM**

**Five Year Plan FY2010 - FY2014  
with sixth planned year, FY2015**

County Capital Improvement Program	
General County Projects	\$196,641,800
General County Road Projects	<u>77,892,400</u>
Total County Improvements	\$274,534,200
School Board Capital Improvement Program	283,993,600
Utilities Department Capital Improvement Program	<u>300,269,000</u>
<b>TOTAL CIP</b>	<b><u>\$858,796,800</u></b>

# COUNTY CIP SUMMARY

*Note: Detailed project descriptions may be found in last year's adopted FY2009-2014 Capital Improvement Program document.*

# COUNTY CIP SUMMARY

<b><u>SOURCES:</u></b>	<b><u>FY2010</u></b>	<b><u>FY2011</u></b>
General Fund	\$13,946,400	\$14,429,200
Debt Funded	20,541,200	21,191,100
Other Sources	13,021,000	380,000
Cash Proffers	702,400	605,600
<b>TOTAL SOURCES COUNTY</b>	<b>\$48,211,000</b>	<b>\$36,605,900</b>

<b><u>USES:</u></b>		
Airport	\$450,000	\$0
Environmental Engineering	400,000	400,000
General Services	4,466,900	8,849,800
Health and Social Services	0	0
Libraries	3,200,000	2,462,000
Parks and Recreation	6,229,700	4,944,100
Public Safety	6,168,400	5,050,000
Technology Improvements	1,896,000	1,400,000
Transportation	25,400,000	13,500,000
<b>TOTAL USES COUNTY</b>	<b>\$48,211,000</b>	<b>\$36,605,900</b>

# COUNTY CIP SUMMARY

<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>Planned FY2015</u>	<u>TOTAL FY2010-2015</u>
\$15,268,600	\$14,950,800	\$14,953,700	\$9,205,000	\$82,753,700
25,639,200	24,487,400	26,060,000	37,745,800	155,664,700
1,320,200	237,500	25,000	0	14,983,700
1,381,600	1,499,600	1,088,000	15,854,900	21,132,100
<b>\$43,609,600</b>	<b>\$41,175,300</b>	<b>\$42,126,700</b>	<b>\$62,805,700</b>	<b>\$274,534,200</b>
\$0	\$245,000	\$0	\$0	\$695,000
400,000	400,000	400,000	400,000	2,400,000
4,473,700	8,700,000	3,792,800	2,025,000	32,308,200
0	750,000	3,559,100	0	4,309,100
17,508,700	6,058,300	18,110,800	2,798,300	50,138,100
2,628,000	3,235,000	5,714,000	4,090,000	26,840,800
12,299,200	13,387,000	2,050,000	31,100,000	70,054,600
1,500,000	1,600,000	1,700,000	1,800,000	9,896,000
4,800,000	6,800,000	6,800,000	20,592,400	77,892,400
<b>\$43,609,600</b>	<b>\$41,175,300</b>	<b>\$42,126,700</b>	<b>\$62,805,700</b>	<b>\$274,534,200</b>

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# AIRPORT

## PROJECT HIGHLIGHTS

## AIRPORT IMPROVEMENTS PROJECT SUMMARY

<u>Project</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>Planned FY2015</u>	<b>TOTAL FY2010 to FY2015</b>
Airport Improvements (GF, Grant)	\$450,000	\$0	\$0	\$245,000	\$0	\$0	\$695,000
<b>Total</b>	<b>\$450,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$245,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$695,000</b>

Funding Source Key:

(GF) General Fund, (GO-Ref.) General Obligation Bonds - Referendum, (LP) Lease Purchase Financing, (Grant) Grant Funding Sources, (CP) Cash Proffers, (Other) Federal, State, Foundation Contributions, Donations

# ***AIRPORT HIGHLIGHTS***

## **DESCRIPTION**

The Airport Master Plan and Federal and State Six-Year Development Plans guide the establishment of the airport's capital project priorities. The current Master Plan was completed in the early 1990's and is now nearing the end of its useful life. Further, long term capital project need decisions are based on the established priorities of growth in its existing customer base and the airport's economic development potential. There have been a series of capital improvement projects at the Airport over the past few years, including a FY2008 project to rehabilitate the runway and the taxiways to bring them into compliance with FAA standards. A Master Planning process is now underway which will eventually yield the development plan for the next 10-20 years. This planning process includes multiple opportunities for input from the general public, tenants of the airport, the Airport Advisory Board, County leadership, and the Board of Supervisors. This Master Plan should be presented to the Chesterfield County Board of Supervisors in the fall of 2009 or the spring of 2010 for consideration for adoption. An environmental assessment is scheduled to be funded in 2010, which would clear the path for improvements based on the adopted Master Plan.

## **HIGHLIGHTS**

Highlights of major airport projects included in the proposed Capital Improvement Program in the short term (fiscal years FY2010 – FY2012) and in the long term (fiscal years FY2013 – FY2015) are detailed below:

### **Short Term Projects (FY2010 through FY2012):**

- Provide local match for applicable state and federal grant funds for an environmental assessment.
- Improvements to the Industrial Park/Airport entrance way.

### **Long Term Projects (FY2013 through FY2015):**

- Construct a corporate hangar apron.

Detailed descriptions of individual projects previously funded may be found in the Adopted FY2009 – FY2014 Capital Improvement Program document and are not reprinted here.

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ENVIRONMENTAL  
ENGINEERING

HIGHLIGHTS AND  
NEW PROJECTS

## ENVIRONMENTAL ENGINEERING PROJECT SUMMARY

<u>Project</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>Planned FY2015</u>	<u>TOTAL FY2010 to FY2015</u>
Archway Drainage (GF)	\$0	\$0	\$0	\$20,000	\$0	\$0	\$20,000
Conifer & Bluffside Drainage (GF)	0	85,000	105,000	100,000	0	0	290,000
Falling Creek Stream Restoration (GF)	200,000	200,000	0	0	0	0	400,000
Frederick Farms Drainage (GF)	0	0	0	0	0	175,000	175,000
Lakewood Farms Drainage (GF)	0	0	0	40,000	100,000	0	140,000
Oakland Avenue Drainage (GF)	0	0	0	40,000	100,000	0	140,000
Pocoshock Creek Stream Restoration (GF)	0	0	200,000	200,000	200,000	200,000	800,000
Prestwould Farms/Austin Road (GF)	0	0	0	0	0	25,000	25,000
Surrywood Drainage (GF)	0	15,000	95,000	0	0	0	110,000
Wrens Nest Road Drainage (GF)	<u>200,000</u>	<u>100,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>300,000</u>
<b>Total</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$2,400,000</b>

Funding Source Key:

**(GF)** General Fund, **(GO-Ref.)** General Obligation Bonds - Referendum, **(LP)** Lease Purchase Financing, **(Grant)** Grant Funding Sources, **(CP)** Cash Proffers, **(Other)** Fe State, Foundation Contributions, Donations

# ***ENVIRONMENTAL ENGINEERING HIGHLIGHTS***

## **DESCRIPTION**

One function of the Environmental Engineering Department is maintenance of drainage facilities located in easements throughout the county. Major drainage or erosion problems that can not be rectified using the drainage operating budget, are included in the Capital Improvement Plan (CIP). The CIP can include stream stabilization, flow dissipation devices, storm sewers, paved ditches, and rip rap projects. Potential projects are evaluated based on information gained through the county's stream monitoring and the drainage data maintenance system. The projects are then prioritized based on the severity of the problem, number of citizens served, potential dedication of easements, and overall costs.

## **HIGHLIGHTS**

Highlights of major environmental engineering projects included in the proposed Capital Improvement Program in the short term (fiscal years FY2010 – FY2012) and in the long term (fiscal years FY2013 – FY2015) are detailed below:

### **Short Term Projects (FY2010 through FY2012):**

- Falling Creek Stream Restoration in Mid-Lothian Coal Mines Park
- Wrens Nest Road Drainage

### **Long Term Projects (FY2013 through FY2015):**

- Pocoshock Creek Stream Restoration
- Frederick Farms Drainage
- Lakewood Farms Drainage
- Oakland Avenue Drainage

## **CHANGES FROM THE APPROVED FY2009 – FY2014 CIP**

Below are amendments to the FY2009 – FY2014 Capital Improvement Program:

- Advance Falling Creek Stream Restoration at Mid-Lothian Coal Mines Park from FY2013 and FY2014 to FY2010 and FY2011, increase project funding by \$100,000.
- Add funding to Frederick Farms Drainage project in FY2015 to address Phase II.
- Shift Pocoshock Creek Stream Restoration project out two years – funding to begin in FY2012.
- Add Prestwould Farms/Austin Road Drainage Project (new project, see narrative).

Detailed descriptions of individual projects previously funded may be found in the Adopted FY2009 – FY2014 Capital Improvement Program document and are not reprinted here.

# PRESTWOULD FARMS/AUSTIN ROAD DRAINAGE PROJECT

**Functional Area: Community Development**  
**Department: Environmental Engineering**

**Project Description/Justification:**

This area is very flat and was developed from the 1940's through the 1970's. Several homes experience drainage problems during times of heavy runoff. A study will be needed to determine the impact of flooding and proper alternatives to correct. This project will involve a combination of storm sewers and paved ditches.

**Facility Plan:**

N/A

**Location/Site Status:**

Located in Prestwould Farms in the Enon area of the Bermuda Magisterial District.

**Estimated Project Costs:**

The project cost is estimated at \$25,000.

**Operating Cost Detail:**

No impact on the operating budget.

**Impact If Not Completed:**

Drainage conditions in the area will continue to deteriorate.

**Financing / Operating Budget Impact**

	<b><u>Prior Years</u></b>	<b><u>FY2010</u></b>	<b><u>FY2011</u></b>	<b><u>FY2012</u></b>	<b><u>FY2013</u></b>	<b><u>FY2014</u></b>	<b><u>Planned FY2015</u></b>	<b><u>TOTAL FY10-15</u></b>
<b>Financing</b>								
General Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000	\$25,000
GO-Referendum	0	0	0	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Other Sources	0	0	0	0	0	0	0	0
Cash Proffers	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$25,000</b>	<b>\$25,000</b>
<b>Operating Expenses</b>								
Personnel		\$0	\$0	\$0	\$0	\$0	\$0	
Operating		0	0	0	0	0	0	
<b>TOTAL</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	

GENERAL SERVICES

HIGHLIGHTS AND  
NEW PROJECTS

## GENERAL SERVICES PROJECT SUMMARY

<u>Project</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>Planned FY2015</u>	<u>TOTAL FY2010 to FY2015</u>
1917 Courthouse Structural Repairs (GF)	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000
Audio/Visual Upgrades - Circuit/General District Courtrooms (GF)	0	0	75,000	500,000	0	0	575,000
Blight Eradication/Demolition (GF)	0	0	75,000	75,000	75,000	75,000	300,000
Camp Baker Slope Remediation (GF)	0	0	0	0	600,000	0	600,000
Demolition of Fire Training Facility (GF)	0	0	0	370,000	0	0	370,000
Environmental Management Program (GF)	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
Fleet Satellite Maintenance Facility (LP)	0	0	1,850,000	5,500,000	0	0	7,350,000
Fort Darling Landfill Remediation (GF)	287,500	2,012,500	575,000	287,500	287,500	0	3,450,000
Generator at L.C. Bird High School (GF)	0	0	0	567,500	882,500	0	1,450,000
Major Facilities Maintenance & Repair (GF)	350,000	400,000	450,000	450,000	450,000	500,000	2,600,000
Northern Area Convenience Center Study (GF)	0	0	0	0	297,800	0	297,800
Partial Roof Replacement Circuit/General District Courthouse (GF)	0	760,000	0	0	0	0	760,000
Post Closure Maintenance at Landfills (GF)	700,000	700,000	700,000	700,000	700,000	700,000	4,200,000
Renovation of the Lane B. Ramsey Building and Surrounding County Facilities (GF, LP)	2,779,400	3,617,300	498,700	0	0	0	6,895,400
Southern Area Convenience Center Improvements (GF)	0	0	0	0	250,000	0	250,000

## GENERAL SERVICES PROJECT SUMMARY

<u>Project</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>Planned FY2015</u>	<b>TOTAL FY2010 to FY2015</b>
Three Story Police Administration Window Replacement (GF)	<u>100,000</u>	<u>1,110,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,210,000</u>
<b>Total</b>	<b>\$4,466,900</b>	<b>\$8,849,800</b>	<b>\$4,473,700</b>	<b>\$8,700,000</b>	<b>\$3,792,800</b>	<b>\$2,025,000</b>	<b>\$32,308,200</b>

Funding Source Key:

**(GF)** General Fund, **(GO-Ref.)** General Obligation Bonds - Referendum, **(LP)** Lease Purchase Financing, **(Grant)** Grant Funding Sources, **(CP)** Cash Proffers, **(Other)** Federal, State, Foundation Contributions, Donations

# **GENERAL SERVICES HIGHLIGHTS**

## **DESCRIPTION**

The department of General Services is responsible for a variety of functions that provide auxiliary and daily operational support to the various functions in and around the county. These include waste disposal services to county residents, building maintenance, automotive and radio operations, monitoring capital projects, and print shop services to internal county departments. General Services manages the capital and maintenance needs related to these functional areas. These capital needs are prioritized based on the most efficient and cost-effective allocation of limited resources.

## **HIGHLIGHTS**

Highlights of major general services projects included in the proposed Capital Improvement Program in the short term (fiscal years FY2010 – FY2012) and in the long term (fiscal years FY2013 – FY2015) are detailed below:

### **Short Term Projects (FY2010 through FY2012):**

- Dedicate funds to address estimated cost of Fort Darling Landfill remediation and post closure maintenance at closed county landfills.
- Design and replace windows in the three story police administration building.
- Continue renovations of county administration buildings.
- Partial roof replacement at the General District/Circuit Courts Building.

### **Long Term Projects (FY2013 through FY2015):**

- Design and construct a new satellite maintenance facility for county and school fleet vehicles.
- Install generator at L.C. Bird High School, county emergency shelter.
- Continue yearly allocation to cover post closure maintenance at closed county landfills.
- Add new projects for slope remediation at Camp Baker, and exterior structural repairs at the 1917 Courthouse.

## **CHANGES FROM THE APPROVED FY2009 – FY2014 CIP**

Below are amendments to the FY2009 – FY2014 Capital Improvement Program:

- Adds projects for slope remediation at Camp Baker, exterior structural repairs at the 1917 Courthouse, and Fort Darling Landfill remediation (new projects, see narratives).
- Add project for a new fleet satellite maintenance facility (new project, see narrative).
- Increase cost of county administration building renovations.
- Delay Southern Area Convenience Center wash bay past this planning cycle.
- Remove funding of \$75,000 in both FY2010 and FY2011 for blight remediation.
- Add three story police administration building window replacement project in FY2010 and FY2011 (new project, see narrative).
- Remove Print Shop drainage project. Remediation of drainage issue has been resolved.
- Increase generator funding at L.C. Bird High School project by \$530,000 and move out one year to FY2013 and FY2014.
- Postpone Southern Area Convenience Center improvements one year to FY2014.

Detailed descriptions of individual projects previously funded may be found in the Adopted FY2009 – FY2014 Capital Improvement Program document and are not reprinted here.

# 1917 COURTHOUSE STRUCTURAL REPAIRS

**Functional Area: Management Services**  
**Department: General Services/Buildings and Grounds**

**Project Description/Justification:**

This project provides funding to correct structural deflection in the roof system and floor joists framing of the 1917 Courthouse. Structural engineers have determined that the integrity of the roof trusses has been compromised due to age and prior loads, and that remedial structural repairs are necessary to support the design loads.

Temporary repairs have been made to brace and support the structure until permanent repairs can be made. This project makes those repairs permanent through the replacement of some of the support structure and enhancement of the weight bearing capacity of the remaining structural supports.

**Facility Plan:**

N/A

**Location/Site Status:**

9600 Lori Lane, Government Center Complex

**Estimated Project Costs:**

A total of \$500,000 is allocated for the repairs in FY2015.

**Operating Cost Detail:**

No impact on the operating budget.

**Impact If Not Completed:**

The 1917 Courthouse is not currently useable for any activities until these repairs are completed. If the repairs are not undertaken, there is a potential for further building deterioration.

**Financing / Operating Budget Impact**

	<u>Prior Years</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>Planned FY2015</u>	<u>TOTAL FY10-15</u>
<b>Financing</b>								
General Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000
GO-Referendum	0	0	0	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Other Sources	0	0	0	0	0	0	0	0
Cash Proffers	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
TOTAL	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000
<b>Operating Expenses</b>								
Personnel		\$0	\$0	\$0	\$0	\$0	\$0	
Operating		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0	

# CAMP BAKER SLOPE REMEDIATION

**Functional Area:** Management Services  
**Department:** Risk Management/Capital Projects Management

**Project Description/Justification:**

This project will consist of repairs to an earthen slope along Beach Road at Camp Baker and include earthwork and reshaping of the slope. Erosion has taken place in this particular area over a period of many years. Temporary repairs have been made and are expected to provide the necessary corrective action for the short term. A permanent fix is required which will include further slope work and possible relocation of utility, telephone, and cable TV lines.

**Facility Plan:**

N/A

**Location/Site Status:**

7600 Beach Road, in the Dale district.

**Estimated Project Costs:**

The total project cost is estimated at \$600,000 for the FY2010-FY2015 planning period.

**Operating Cost Detail:**

No impact on the operating budget.

**Impact If Not Completed:**

Conditions may continue to deteriorate and pose potential problems for utility, telephone, cable TV lines, and property within proximity of the slope.

**Financing /Operating Budget Impact**

	<u>Prior Years</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>Planned FY2015</u>	<u>TOTAL FY10-15</u>
<b>Financing</b>								
General Fund	\$0	\$0	\$0	\$0	\$0	\$600,000	\$0	\$600,000
GO-Referendum	0	0	0	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Other Sources	0	0	0	0	0	0	0	0
Cash Proffers	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
TOTAL	\$0	\$0	\$0	\$0	\$0	\$600,000	\$0	\$600,000
<b>Operating Expenses</b>								
Personnel		\$0	\$0	\$0	\$0	\$0	\$0	
Operating		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0	

# FLEET SATELLITE MAINTENANCE FACILITY

**Functional Area: Management Services**  
**Department: General Services/Fleet Management**

**Project Description/Justification:**

This project provides funds to build a new 37,000 square foot satellite vehicle maintenance facility in the northwest quadrant of the county. The new facility is expected to address approximately 20 percent of the vehicle maintenance workload and provide for the county's fleet maintenance needs for the next 10 to 15 years.

The new facility will service the general county, public safety, and school fleet vehicles. Chesterfield Fleet operations have been operating from facilities built in the 1950's and 1980's, respectively. Services to be provided at the new facility will include full service inspections, scheduled services, maintenance, repair, refueling, and vehicle storage and parking for both county and school automotive fleets.

**Facility Plan:**

Chesterfield County Draft Public Facilities Plan and recommendations from a FY2008 consultant study.

**Location/Site Status:**

Northwest area of the county

**Estimated Project Costs:**

A total of \$7,350,000 is allocated for this project for the FY2010-FY2015 planning period.

**Operating Cost Detail:**

It is anticipated that the opening of the new facility will result in new operating costs. These changes will be reflected in charges to departments. The location of the new facility will reduce operating cost for various departments by decreasing miles driven for services, refueling, and the need for onsite parking.

The resulting impact on staffing requirements and the overall financial impact is currently being reviewed.

**Impact If Not Completed:**

The effects of limited vehicle maintenance space in the existing shops in addition to the growth of both the county's and school's automotive fleets will have a negative impact on the level of services being provided from current facilities.

**Financing / Operating Budget Impact**

	<u>Prior Years</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>Planned FY2015</u>	<u>TOTAL FY10-15</u>
<b>Financing</b>								
General Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GO-Referendum	0	0	0	0	0	0	0	0
Lease Purchase	7,445,000	0	0	1,850,000	5,500,000	0	0	7,350,000
Other Sources	0	0	0	0	0	0	0	0
Cash Proffers	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
TOTAL	\$7,445,000	\$0	\$0	\$1,850,000	\$5,500,000	\$0	\$0	\$7,350,000
<b>Operating Expenses</b>								
Personnel		\$0	\$0	\$0	\$0	\$0	\$0	
Operating		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0	

# FORT DARLING LANDFILL REMEDIATION

**Functional Area: Management Services**

**Department: Risk Management/Environmental Management**

**Project Description/Justification:**

Fort Darling, part of Richmond National Battlefield Park, is a closed landfill site currently owned and managed by the National Park Service. Since its closure in 1972 and its donation to the National Parks Service, numerous environmental investigations related to the site have been conducted. The National Park Service is currently performing an evaluation/cost analysis to determine if there is contamination at the site.

This project will consist of environmental remediation, site improvements, maintenance, and monitoring of the location. The scope of work is mandated by the Department of the Interior-National Parks Service and will be based on the findings of their analysis. A comprehensive report is expected in late FY2009.

**Facility Plan:**

N/A

**Location/Site Status:**

Fort Darling National Park, Fort Darling Road  
Richmond, VA, in the Bermuda District

**Estimated Project Costs:**

Project costs are estimated to be \$3,450,000 for the FY2010-FY2015 planning period.

**Operating Cost Detail:**

No impact on the operating budget.

**Impact If Not Completed:**

Current conditions are being evaluated to determine if they adversely impact the surrounding environment. Any potential violation of state and federal laws could result in substantial fines.

**Financing / Operating Budget Impact**

	<u>Prior Years</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>Planned FY2015</u>	<u>TOTAL FY10-15</u>
<b>Financing</b>								
General Fund	\$0	\$287,500	\$2,012,500	\$575,000	\$287,500	\$287,500	\$0	\$3,450,000
GO-Referendum	0	0	0	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Other Sources	0	0	0	0	0	0	0	0
Cash Proffers	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>\$0</b>	<b>\$287,500</b>	<b>\$2,012,500</b>	<b>\$575,000</b>	<b>\$287,500</b>	<b>\$287,500</b>	<b>\$0</b>	<b>\$3,450,000</b>
<b>Operating Expenses</b>								
Personnel		\$0	\$0	\$0	\$0	\$0	\$0	
Operating		0	0	0	0	0	0	
<b>TOTAL</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	

# **THREE STORY POLICE ADMINISTRATION WINDOW REPLACEMENT**

**Functional Area: Management Services**  
**Department: General Services**

**Project Description/Justification:**

This project provides funding to replace the existing curtain-wall system on the three-story and two-story section of the police administration building. The current windows are a 50-year old steel system of single pane tempered glass. The window frames have rusted and the sealants have deteriorated resulting in numerous leaks. The current window system will be replaced with double pane insulated glass panels that will provide energy and maintenance efficiencies. In addition, other minor interior renovations are planned.

**Facility Plan:**

N/A

**Location/Site Status:**

9901 Lori Road, Chesterfield, Virginia

**Estimated Project Costs:**

A total of \$1,210,000 is allocated for the FY2010-FY2015 planning period.

**Operating Cost Detail:**

The impacts of installing new energy saving designed windows potentially reduce energy costs within the three story building.

**Impact If Not Completed:**

If the window replacement is not completed, there is potential for further building deterioration and damage to interior structures.

**Financing / Operating Budget Impact**

	<u>Prior Years</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>Planned FY2015</u>	<u>TOTAL FY10-15</u>
<b>Financing</b>								
General Fund	\$0	\$100,000	\$1,110,000	\$0	\$0	\$0	\$0	\$1,210,000
GO-Referendum	0	0	0	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Other Sources	0	0	0	0	0	0	0	0
Cash Proffers	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$1,110,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,210,000</b>
<b>Operating Expenses</b>								
Personnel		\$0	\$0	\$0	\$0	\$0	\$0	
Operating		0	0	0	0	0	0	
<b>TOTAL</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	

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HEALTH AND  
SOCIAL SERVICES  
PROJECT HIGHLIGHTS

## HEALTH AND SOCIAL SERVICES

<u>Project</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>Planned FY2015</u>	<b>TOTAL FY2010 to FY2015</b>
Mental Health Support Services Intermediate Care Facility (GF)	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$750,000</u>	<u>\$3,559,100</u>	<u>\$0</u>	<u>\$4,309,100</u>
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$750,000</b>	<b>\$3,559,100</b>	<b>\$0</b>	<b>\$4,309,100</b>

Funding Source Key:

**(GF)** General Fund, **(GO-Ref.)** General Obligation Bonds - Referendum, **(LP)** Lease Purchase Financing, **(Grant)** Grant Funding Sources, **(CP)** Cash Proffers, **(Other)** Federal, State, Foundation Contributions, Donations

# ***HEALTH AND SOCIAL SERVICES HIGHLIGHTS***

## **DESCRIPTION**

The county's departments of Health, Mental Health Support Services, and Social Services provide many services to county residents including disease prevention and health services, programs to provide mental health, mental retardation and substance abuse services, as well as programs designed to lessen or alleviate serious financial, abusive and other family difficulties. Capital improvement requests in this program area relate to additional facility capacity needs and to renovations of older buildings to serve a growing county population, many of whom are the county's most vulnerable.

## **HIGHLIGHTS**

Highlights of major health and social service projects included in the proposed Capital Improvement Program in the short term (fiscal years FY2010 – FY2012) and in the long term (fiscal years FY2013 – FY2015) are detailed below:

### **Short Term Projects (FY2010 through FY2012):**

- None

### **Long Term Projects (FY2013 through FY2015):**

- Design and construct a new intermediate care facility for adults with mental retardation.

## **CHANGES FROM THE APPROVED FY2009 – FY2014 CIP**

Below are amendments to the FY2009 – FY2014 Capital Improvement Program:

- Due to favorable bid savings received for the expansion and renovation of the Smith Wagner Building, funding planned for in the FY2009-FY2010 CIP is no longer needed.

Detailed descriptions of individual projects previously funded may be found in the Adopted FY2009 – FY2014 Capital Improvement Program document and are not reprinted here.

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LIBRARIES  
PROJECT HIGHLIGHTS

## LIBRARIES PROJECT SUMMARY

<u>Project</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>Planned FY2015</u>	<u>TOTAL FY2010 to FY2015</u>
Central Library (GO-Ref, CP)	\$0	\$0	\$125,000	\$2,602,600	\$8,300,000	\$0	\$11,027,600
Chester Library Community Arts Center (GO-Ref., Other)	0	1,081,000	6,919,000	0	0	0	8,000,000
Ettrick-Matoaca Library Renovation (GF, GO-Ref., CP)	3,200,000	0	0	0	0	0	3,200,000
Library Facilities Planning, Design, Construction and Land Acquisition (CP)	0	0	0	0	250,800	0	250,800
Library Technology Upgrades (GO-Ref.)	0	500,000	0	0	1,000,000	0	1,500,000
Robious Road Area Library (GF, GO-Ref., CP)	0	881,000	9,664,700	2,120,900	0	0	12,666,600
Route 360 West Area Library (GO-Ref., CP)	<u>0</u>	<u>0</u>	<u>800,000</u>	<u>1,334,800</u>	<u>8,560,000</u>	<u>2,798,300</u>	<u>13,493,100</u>
<b>Total</b>	<b>\$3,200,000</b>	<b>\$2,462,000</b>	<b>\$17,508,700</b>	<b>\$6,058,300</b>	<b>\$18,110,800</b>	<b>\$2,798,300</b>	<b>\$50,138,100</b>

**Funding Source Key:**

(GF) General Fund, (GO-Ref.) General Obligation Bonds - Referendum, (LP) Lease Purchase Financing, (Grant) Grant Funding Sources, (CP) Cash Proffers, (Other) Federal, State, Foundation Contributions, Donations

Shaded projects - part of the 2004 Bond Referendum

# ***LIBRARIES HIGHLIGHTS***

## **DESCRIPTION**

Libraries provide access to high quality educational, cultural, and recreational information services and resources that enhance the quality of life for county citizens. In consideration of county population growth projections, and needs for renovation of aging facilities, Libraries has developed long range plans to address facilities, staffing, collections and technology needs. These plans, as well as the county's analysis of existing and future growth patterns heavily influence the prioritization of capital requests included in the county's capital improvement program.

## **HIGHLIGHTS**

Highlights of major library projects included in the proposed Capital Improvement Program in the short term (fiscal years FY2010 – FY2012) and in the long term (fiscal years FY2013 – FY2015) are detailed below:

### **Short Term Projects (FY2010 through FY2012):**

- Design and renovate the Ettrick-Matoaca Library.
- Design the new Route 360 West Library.
- Design and start construction of the Robious Road Library and Chester Arts Center.

### **Long Term Projects (FY2013 through FY2015):**

- Renovate public areas and build out unfinished space at Central Library.
- Construct a new Route 360 West Library.

## **CHANGES FROM THE APPROVED FY2009 – FY2014 CIP**

Below are amendments to the FY2009 – FY2014 Capital Improvement Program:

- Postpone start of Route 360 West Library project until FY2012. Previously funded land acquisition and design in FY2010 and FY2011. Project now includes construction funding.
- Shift Robious Library out one year to start design in FY2011 and finish construction in FY2013. Revised costs downward by \$2.8 million.
- Push Central Library renovations out one year to begin in FY2012 and finish in FY2014.
- Reduce Chester Arts Center project to \$8.0 million.

Detailed descriptions of individual projects previously funded may be found in the Adopted FY2009 – FY2014 Capital Improvement Program document and are not reprinted here.

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PARKS AND  
RECREATION

PROJECT HIGHLIGHTS

## PARKS AND RECREATION PROJECT SUMMARY

<u>Project</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>Planned FY2015</u>	<u>TOTAL FY2010 to FY2015</u>
Appomattox River Canoe Launch Expansion (GF, Grant)	\$0	\$0	\$450,000	\$0	\$0	\$0	\$450,000
Chester Kiwanis Community Park (GO-Ref.)	0	100,000	0	0	0	0	100,000
Cogbill Road Community Park (GF, Grant)	0	0	0	0	434,000	0	434,000
Dutch Gap Conservation Area Dev. (GF, GO-Ref.)	0	0	0	0	1,070,000	0	1,070,000
Eppington Plantation (GF)	100,000	50,000	50,000	50,000	50,000	50,000	350,000
Expansion of School Gymnasiums (GF, CP)	0	0	0	0	0	1,726,000	1,726,000
Falling Creek Ironworks Park (GF)	20,000	20,000	20,000	20,000	20,000	20,000	120,000
Falling Creek Park - North (GO-Ref., Grant, CP)	0	1,154,000	0	0	0	0	1,154,000
Henricus Historical Park (GF)	240,000	300,000	150,000	150,000	150,000	150,000	1,140,000
Irvin G. Horner Park (GO-Ref.,CP)	410,000	0	407,100	0	0	0	817,100
Lowe's Soccer Complex (GF, GO-Ref.)	0	584,000	0	0	0	0	584,000
Matoaca Park Expansion (GO-Ref.)	0	827,000	0	0	0	0	827,000
Mid-Lothian Coal Mines Park (GO-Ref., Grant)	660,000	0	0	0	0	0	660,000
Park Improvements (GF, GO-Ref., LP)	1,978,700	1,500,000	750,000	1,500,000	950,000	1,000,000	7,678,700
Park Land Acquisition (GF, CP)	0	189,100	310,900	500,000	2,000,000	0	3,000,000
Parks & Recreation Administration Building (GF, LP)	0	0	0	0	0	344,000	344,000
Restrooms at Athletic Facilities (CP)	275,000	0	0	0	0	0	275,000
Route 360 West Area Park (GO-Ref., Grant)	1,600,000	0	0	0	500,000	0	2,100,000
School Site Improvements (GO-Ref., LP)	946,000	0	250,000	750,000	250,000	500,000	2,696,000
Senior Center (GF)	0	220,000	240,000	265,000	290,000	300,000	1,315,000
<b>Total</b>	<b>\$6,229,700</b>	<b>\$4,944,100</b>	<b>\$2,628,000</b>	<b>\$3,235,000</b>	<b>\$5,714,000</b>	<b>\$4,090,000</b>	<b>\$26,840,800</b>

Funding Source Key:

(GF) General Fund, (GO-Ref.) General Obligation Bonds - Referendum, (LP) Lease Purchase Financing, (Grant) Grant Funding Sources, (CP) Cash Proffers, (Other) Federal, State, Foundation Contributions, Donations

Shaded projects - part of the 2004 Bond Referendum

# ***PARKS AND RECREATION HIGHLIGHTS***

## **DESCRIPTION**

Parks and Recreation provides a comprehensive system of leisure programs, educational opportunities, and recreational facilities for all county citizens while conserving and protecting environmental, historical and cultural resources. As such, the department's capital improvement requests encompass projects which advance these programs and goals. The department establishes its capital project requests based on the expressed needs of the citizens, initiatives to preserve and protect declining amounts of undeveloped lands for green space, and recreational opportunities. Identified projects are then ranked and prioritized based on the county's needs in relation to existing and future growth patterns.

## **HIGHLIGHTS**

Highlights of major parks and recreation projects included in the proposed Capital Improvement Program in the short term (fiscal years FY2010 – FY2012) and in the long term (fiscal years FY2013 – FY2015) are detailed below:

### **Short Term Projects (FY2010 through FY2012):**

- Continue improvements approved in the 2004 bond referendum at numerous county parks, including Irvin G. Horner Park, Mid-Lothian Coal Mines Park, Route 360 West Park, Matoaca Park as well as various other county and school site parks.
- Establish funding for a senior center.
- Continue work at the Appomattox River Canoe Launch.

### **Long Term Projects (FY2013 through FY2015):**

- Continue work at the Dutch Gap Conservation Area.
- Provide funding for expansion of school gymnasiums.
- Begin the design of a new Parks and Recreation Administration building.
- Set aside funding for park land acquisition.

## **CHANGES FROM THE APPROVED FY2009 – FY2014 CIP**

Below are amendments to the FY2009 – FY2014 Capital Improvement Program:

- Postpone funding for expansion of school gymnasiums from FY2011 to FY2015.
- Reduce Park Improvement funding by \$200,000 over first five years.
- Reduce Dutch Gap allocation over first five years by \$170,000.
- Push out design of the Parks and Recreation Administration Building from FY2013 to FY2015.
- Reduce Henricus Historical Park funding by \$60,000 in FY2010 to \$240,000.

Detailed descriptions of individual projects previously funded may be found in the Adopted FY2009 – FY2014 Capital Improvement Program document and are not reprinted here.

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PUBLIC SAFETY

HIGHLIGHTS AND  
NEW PROJECTS

## PUBLIC SAFETY PROJECT SUMMARY

<b><u>Project</u></b>	<b><u>FY2010</u></b>	<b><u>FY2011</u></b>	<b><u>FY2012</u></b>	<b><u>FY2013</u></b>	<b><u>FY2014</u></b>	<b><u>Planned FY2015</u></b>	<b><u>TOTAL FY2010 to FY2015</u></b>
360 West District Police Station (GO-Ref.)	\$0	\$0	\$0	\$4,800,000	\$0	\$0	\$4,800,000
County Jail - Annex Building Upgrades (GF)	1,365,000	0	0	0	0	0	1,365,000
Courthouse/Route 288 Fire & Rescue Station (GF, GO-Ref., CP)	0	0	6,994,100	0	0	0	6,994,100
Emergency 911 Phone System Replacement (GF)	3,000,000	0	0	0	0	0	3,000,000
Fire Station Repairs (GF)	500,000	500,000	400,000	400,000	400,000	450,000	2,650,000
Highlands Fire & Rescue Station (GO-Ref., CP)	0	0	0	0	0	700,000	700,000
Magnolia Green Fire & Rescue Station (GF, GO-Ref., CP)	0	0	0	1,200,000	500,000	8,500,000	10,200,000
Mobile Data Replacement Computers (GF)	800,000	900,000	900,000	900,000	900,000	900,000	5,300,000
Public Safety Training Center at Enon (GF, LP)	0	3,400,000	0	4,167,000	0	0	7,567,000
Radio System Battery Replacement (GF)	124,200	0	0	170,000	0	0	294,200
Radio System GPS Replacement (GF)	129,200	0	0	0	0	300,000	429,200
Radio System Replacement (GF, LP)	0	0	0	1,500,000	0	20,000,000	21,500,000
Security Enhancements (GF)	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
Self-Contained Breathing Apparatus Replacement (GF)	<u>0</u>	<u>0</u>	<u>3,755,100</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>3,755,100</u>
<b>Total</b>	<b>\$6,168,400</b>	<b>\$5,050,000</b>	<b>\$12,299,200</b>	<b>\$13,387,000</b>	<b>\$2,050,000</b>	<b>\$31,100,000</b>	<b>\$70,054,600</b>

**Funding Source Key:**

(GF) General Fund, (GO-Ref.) General Obligation Bonds - Referendum, (LP) Lease Purchase Financing, (Grant) Grant Funding Sources, (CP) Cash Proffers, (Other) Federal, State, Foundation Contributions, Donations

Shaded projects - part of the 2004 Bond Referendum

# ***PUBLIC SAFETY HIGHLIGHTS***

## **DESCRIPTION**

The public safety division strives to maintain an excellent level of service to county residents. This service includes police and fire protection, jail, court security, civil process operations as well as the dispatching of all incoming emergency calls by the Emergency Communications Center. The safety of all county citizens is a strategic priority for the county. Project priorities are established based on a balance between new facilities and the maintenance of existing facilities, as well as the capital facilities plan, training requirement standards, and technology advances.

## **HIGHLIGHTS**

Highlights of major public safety projects included in the proposed Capital Improvement Program in the short term (fiscal years FY2010 – FY2012) and in the long term (fiscal years FY2013 – FY2015) are detailed below:

### **Short Term Projects (FY2010 through FY2012):**

- Construct a combined support building for Police, Fire, and Sheriff at the Public Safety Training Center at Enon.
- Construct the Courthouse/Route 288 Fire Station.
- Renovate the County Jail Annex, including a new HVAC system and security upgrades.
- Replace the current emergency 911 phone system with internet protocol (IP) technology.

### **Long Term Projects (FY2013 through FY2015):**

- Construct a fire training tower at the Public Training Center at Enon.
- Build a police station in the Hull Street area.
- Design a Highlands Fire Station and construct a new Fire Station in the Magnolia Green area of the county.
- Study and fund the first phase of a new emergency services radio communication system, including interoperability with surrounding jurisdictions.

## **CHANGES FROM THE APPROVED FY2009 – FY2014 CIP**

Below are amendments proposed to the FY2009 – FY2014 Capital Improvement Program:

- Increase funding for Public Safety Training Center at Enon to construct the combined support building and fire tower. Delay construction of the combined support building until FY2011 and the design of the fire tower until FY2011 and its construction until FY2013.
- Decrease funding for mobile data computer replacements by \$100,000 in FY2010.
- Add first phase of the county's 800MHz radio system replacement in FY2015.
- Increase funding for Hull Street Police Station project by \$300,000 and move from FY2010 to FY2013.
- Delay the construction and issuance of debt for the Courthouse/288 Fire Station until FY2012 and add \$702,400.
- Push out the Magnolia Green Fire Station project, beginning with land purchase, from FY2012 to FY2013, shift construction to FY2015.
- Increase funding for the Jail Annex project.
- Add design of Highlands Fire Station in FY2015 (new project, see narrative).

Detailed descriptions of individual projects previously funded may be found in the Adopted FY2009 – FY2014 Capital Improvement Program document and are not reprinted here.

# HIGHLANDS FIRE & RESCUE STATION

*Functional Area: Public Safety  
Department: Fire*

**Project Description/Justification:**

This project provides funding in FY2015 for the design costs necessary to build a new fire and rescue station in the Highlands Community. The new station is expected to be approximately 14,500 square feet and will house an engine, an ambulance and a ladder truck/heavy rescue truck. Construction is anticipated to begin beyond this planning period. This station will be staffed to accommodate the anticipated commercial and residential growth in this area of the county.

**Facility Plan:**

The Chesterfield County Draft Public Facilities Plan

**Location/Site Status:**

The Highlands Community, in the Dale district.

**Estimated Project Costs:**

Project costs from FY2010 through FY2015 are estimated to be \$700,000.

**Operating Cost Detail:**

No impact on the operating budget is expected until the station is completed.

**Impact If Not Completed:**

The increasing number of emergency responses in this service area will have to be answered by existing stations resulting in longer response times and lower area service levels.

**Financing / Operating Budget Impact**

	<u>Prior Years</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>Planned FY2015</u>	<u>TOTAL FY10-15</u>
<b>Financing</b>								
General Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GO-Referendum	0	0	0	0	0	0	437,500	437,500
Lease Purchase	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Cash Proffers	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>262,500</u>	<u>262,500</u>
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$700,000</b>	<b>\$700,000</b>
<b>Operating Expenses</b>								
Personnel		\$0	\$0	\$0	\$0	\$0	\$0	
Operating		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
<b>TOTAL</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	

TECHNOLOGY  
IMPROVEMENTS

PROJECT HIGHLIGHTS

## TECHNOLOGY IMPROVEMENTS SUMMARY

<u>Project</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>Planned FY2015</u>	<u>TOTAL FY2010 to FY2015</u>
Technology Improvements (GF)	<u>\$1,896,000</u>	<u>\$1,400,000</u>	<u>\$1,500,000</u>	<u>\$1,600,000</u>	<u>\$1,700,000</u>	<u>\$1,800,000</u>	<u>\$9,896,000</u>
<b>Total</b>	<b>\$1,896,000</b>	<b>\$1,400,000</b>	<b>\$1,500,000</b>	<b>\$1,600,000</b>	<b>\$1,700,000</b>	<b>\$1,800,000</b>	<b>\$9,896,000</b>

Funding Source Key:

**(GF)** General Fund, **(GO-Ref.)** General Obligation Bonds - Referendum, **(LP)** Lease Purchase Financing, **(Grant)** Grant Funding Sources, **(CP)** Cash Proffers, **(Other)** Federal, State, Foundation Contributions, Donations

## Technology Improvement Program Technology Funding FY2010 - FY2012

<u>Project Name</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>Total</u>
<b>Countywide</b>				
PC Replacement Program	\$93,600	\$150,000	\$200,000	\$443,600
<b>General Government</b>				
Auto Solution-Learning Evaluation (Chesterfield University)	0	18,700	0	18,700
Debt Management System (Budget and Management)	0	0	170,000	170,000
Mobile Learning Content Deployment (Chesterfield University)	0	0	18,000	18,000
<b>Human Services</b>				
Automated Remote Lighting Controls (Parks & Recreation)	0	0	170,000	170,000
Behavioral Health Polycom-Video Teleconferencing (Mental Health)	0	50,000	69,000	119,000
Digital and Electronic Signatures (Mental Health)	0	52,500	0	52,500
Document Imaging System (Mental Health)	0	0	123,400	123,400
Interactive Kiosks & Virtual Park Tours (Parks & Recreation)	0	0	50,000	50,000
<b>Management Services</b>				
Backup Communication Services Support	596,000	0	0	596,000
Broadcast Media Consolidation (IST)	0	0	90,000	90,000
Business Intelligence/Data Warehouse (IST)	0	0	338,900	338,900
Citizen GIS (IST)	80,000	0	0	80,000
Computer Aided Mass Appraisal (CAMA) (Assessor)	0	825,000	0	825,000
Dog License Inventory Sales and Billing System (Treasurer)	0	40,800	0	40,800
Enterprise Business Application Conversion (IST)	415,000	213,000	185,000	813,000
PCI Compliance Network Segment (IST)	85,000	0	0	85,000
Personal Computer Virtualization Pilot (IST)	65,000	0	0	65,000
Service Oriented Architecture Mgmt Solution (IST)	200,700	0	0	200,700
<b>Public Safety</b>				
AVID Video Production Upgrade	0	0	35,700	35,700
Building Inspection - Toughbooks at Libraries & Fire Stations	40,000	0	0	40,000
Civil Papers System Rewrite & Mobile Application (Sheriff)	230,000	0	0	230,000
Inventory Control Software/Hardware (Fire)	0	0	50,000	50,000
Jail Video Visitation (Sheriff)	0	50,000	0	50,000
PC Replacement Program (Fire)	28,000	0	0	28,000
Scheduling Process Automation (Sheriff)	62,700	0	0	62,700
<b>Total</b>	<b>\$1,896,000</b>	<b>\$1,400,000</b>	<b>\$1,500,000</b>	<b>\$4,796,000</b>

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TRANSPORTATION  
PROJECT HIGHLIGHTS

## TRANSPORTATION PROJECT SUMMARY

<b>Project</b>	<b>FY2010</b>	<b>FY2011</b>	<b>FY2012</b>	<b>FY2013</b>	<b>FY2014</b>	<b>Planned FY2015</b>	<b>TOTAL FY2010 to FY2015</b>
Bond Referendum Projects (GO-Ref.)	\$4,600,000	\$12,700,000	\$0	\$0	\$0	\$0	\$17,300,000
Industrial Access Projects (GF)	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000
Meadowville Interchange (GO-Ref., Other)	20,000,000	0	0	0	0	0	20,000,000
Road Fund Projects (GF)	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000
Road Planning, Design, Construction & Right-of-Way Acquisition (CP)	0	0	0	0	0	14,792,400	14,792,400
Road Program (GO-Ref.)	<u>0</u>	<u>0</u>	<u>4,000,000</u>	<u>6,000,000</u>	<u>6,000,000</u>	<u>5,000,000</u>	<u>21,000,000</u>
<b>Total</b>	<b>\$25,400,000</b>	<b>\$13,500,000</b>	<b>\$4,800,000</b>	<b>\$6,800,000</b>	<b>\$6,800,000</b>	<b>\$20,592,400</b>	<b>\$77,892,400</b>

Funding Source Key:

**(GF)** General Fund, **(GO-Ref.)** General Obligation Bonds - Referendum, **(LP)** Lease Purchase Financing, **(Grant)** Grant Funding Sources, **(CP)** Cash Proffers, **(Other)** Federal, State, Foundation Contributions, Donations

Shaded projects - part of the 2004 Bond Referendum

# ***TRANSPORTATION HIGHLIGHTS***

## **DESCRIPTION**

The Transportation department develops safe and efficient county roadway networks and supporting transportation facilities. While there is insufficient state funding for road projects, certain improvements that can be accomplished with local funding. The evaluation by the Transportation department of current county road capacities and frequency of traffic accidents become key measuring tools to determine which road projects require the most immediate attention, and therefore which ones will become part of the county's Capital Improvement Plan.

## **HIGHLIGHTS**

Highlights of major transportation projects included in the proposed Capital Improvement Program in the short term (fiscal years FY2010 – FY2012) and in the long term (fiscal years FY2013 – FY2015) are detailed below:

### **Short Term Projects (FY2010 through FY2012):**

- Second installment of funding from debt issuance for the construction of a Meadowville Interchange.
- Last two installments of 2004 referendum debt for county road projects (\$17.3 million).

### **Long Term Projects (FY2013 through FY2015):**

- \$21 million in additional referendum road debt issued for county road projects.

## **CHANGES FROM THE APPROVED FY2009 – FY2014 CIP**

Below are amendments to the FY2009 – FY2014 Capital Improvement Program:

- Remove funding for the extension of Government Center Parkway from FY2012.
- Reduce amount of new debt issued for road projects by \$32 million over first five years of the Plan.

Detailed descriptions of individual projects previously funded may be found in the Adopted FY2009 – FY2014 Capital Improvement Program document and are not reprinted here.

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# SCHOOL CIP SUMMARY

# SCHOOL CIP SUMMARY

<u>Sources:</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>
CIP Reserve Transfer	\$14,828,400	\$10,958,300	\$11,506,200
Debt Financing	32,598,000	27,936,300	8,200,700
Cash Proffers	2,160,700	1,336,900	1,562,200
State Technology Funds	1,851,500	0	0
<b>TOTAL SOURCES</b>	<b>\$51,438,600</b>	<b>\$40,231,500</b>	<b>\$21,269,100</b>

## Uses:

### Additions/Renovations Elementary Schools:

Enon Elementary	\$0	\$0	\$500,000
Gates Elementary	3,500,000	0	0
Harrowgate Elementary	0	0	500,000
Matoaca Elementary	0	0	500,000
Watkins Elementary	0	4,500,000	0

### Additions/Renovations High Schools:

Midlothian High	0	12,000,000	0
Monacan High	0	0	1,000,000

### Additions/Renovations Middle Schools:

Convert Clover Hill to Middle School	0	8,000,000	0
Midlothian Middle	8,000,000	0	0
Robious Middle	6,500,000	0	0
Salem Church Middle	8,000,000	0	0
Swift Creek Middle	5,250,000	0	0

Administrative Space	0	0	750,000
Energy and Security Improvements	750,000	750,000	500,000
Future Acquisitions	1,153,800	746,100	1,494,400
HVAC Upgrades	10,933,300	6,700,000	0
Major Maintenance	2,500,000	2,500,000	3,000,000

### New Schools:

Bermuda High	0	0	6,000,000
New Elementary	0	0	2,000,000

Technical Education Space	0	0	0
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### Technology Improvements:

Technology Plan	0	2,035,400	2,024,700
Computer Replacement	3,000,000	3,000,000	3,000,000
Technology Projects	1,851,500	0	0

<b>TOTAL USES</b>	<b>\$51,438,600</b>	<b>\$40,231,500</b>	<b>\$21,269,100</b>
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# SCHOOL CIP SUMMARY

<u>FY2013</u>	<u>FY2014</u>	<u>Planned FY2015</u>	<u>TOTAL FY2010-2015</u>
\$12,081,500	\$12,685,600	\$13,580,700	\$75,640,700
20,064,400	107,611,400	250,000	196,660,800
1,577,800	1,593,500	1,609,500	9,840,600
0	0	0	1,851,500
<b>\$33,723,700</b>	<b>\$121,890,500</b>	<b>\$15,440,200</b>	<b>\$283,993,600</b>
\$4,500,000	\$0	\$0	\$5,000,000
0	0	0	3,500,000
4,500,000	0	0	5,000,000
7,000,000	0	0	7,500,000
0	0	0	4,500,000
0	0	0	12,000,000
0	11,000,000	0	12,000,000
0	0	0	8,000,000
0	0	0	8,000,000
0	0	0	6,500,000
0	0	0	8,000,000
0	0	0	5,250,000
7,250,000	0	0	8,000,000
500,000	500,000	500,000	3,500,000
960,300	1,593,500	1,609,500	7,557,600
0	0	0	17,633,300
3,000,000	3,500,000	3,500,000	18,000,000
0	76,669,300	4,330,700	87,000,000
0	25,000,000	0	27,000,000
1,000,000	0	0	1,000,000
2,013,400	377,700	2,250,000	8,701,200
3,000,000	3,250,000	3,250,000	18,500,000
0	0	0	1,851,500
<b>\$33,723,700</b>	<b>\$121,890,500</b>	<b>\$15,440,200</b>	<b>\$283,993,600</b>

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SCHOOLS  
PROJECT HIGHLIGHTS

# ***SCHOOL HIGHLIGHTS***

## **DESCRIPTION**

The school's capital improvement program, approved by the School Board on December 9, 2008, is based on an extensive analysis of enrollment trends and monitoring of prior year enrollment patterns. While trends can change as a result of the economy, major new residential developments, changes in interest rates, and major corporate relocations, the current plan continues projects shared with and approved by voters in the 2004 bond referendum and identifies funds for new schools and classroom additions that are anticipated to be necessary to accommodate current students and projected growth.

## **HIGHLIGHTS**

Highlights of major school projects included in the proposed Capital Improvement Program in the short term (fiscal years FY2010 – FY2012) and in the long term (fiscal years FY2013 – FY2015) are detailed below:

### **Short Term Projects (FY2010 through FY2012):**

- Continue planned referendum projects, including renovations at Gates Elementary, Watkins Elementary, Midlothian Middle, Robious Middle, Salem Church Middle, Swift Creek Middle, and Midlothian High.
- Convert the old Clover Hill High to a middle school.
- Begin design of a new high school and elementary school.
- Upgrade HVAC systems at select schools.

### **Long Term Projects (FY2013 through FY2015):**

- Begin additions and renovations at Matoaca Elementary, Enon Elementary, Harrowgate Elementary, Monacan High and administrative space.
- Construct a new elementary school and high school in the Bermuda district

## **CHANGES FROM THE APPROVED FY2009 – FY2014 CIP**

Below are amendments to the FY2009 – FY2014 Capital Improvement Program:

- Include \$17.6 million in upgrades to existing HVAC systems and continue energy and security improvements in schools throughout the county.
- Convert old Clover Hill High School to a middle school.
- Design, construct, and renovate space at Matoaca Elementary.

Detailed descriptions of individual projects previously funded may be found in the Adopted FY2009 – FY2014 Capital Improvement Program document and are not reprinted here. Additional information regarding these projects is included in the School Board's FY2010 – FY2015 Proposed Capital Improvement Plan.

# UTILITIES CIP SUMMARY

## UTILITY CIP SUMMARY WASTEWATER SYSTEM

<b>SOURCES:</b>	<b>Estimated Cost</b>	<b>Prior Appropriation</b>	<b>FY2010</b>
Transfer from Wastewater Operating/Bonds	\$0	\$0	\$49,101,000
<b>TOTAL SOURCES</b>			<b>\$49,101,000</b>

<b>PROJECTS</b>	<b>TYPE</b>			
Automated Meter Reading	R	6,000,000	0	0
Contingency Fund (Expansion)	E	ON-GOING	100,000	100,000
Contingency Fund (Replacement)	R	ON-GOING	292,000	100,000
Extension for Economic Development	E/R	ON-GOING	625,000	100,000
Highway Projects	E/R	ON-GOING	715,800	50,000
Rate Stabilization Reserve	R	ON-GOING	47,134,400	4,900,000
Sewer Facilities Rehabilitation	R	ON-GOING	815,700	100,000
South Central	R	6,840,000	0	3,000,000
Timsbury Rehabilitation	E/R	6,548,900	5,305,900	1,243,000
Waste Water Treatment Plant Upgrades	E/R	151,200,000	100,303,900	39,508,000
Waste Water Treatment Additional Capacity	E	115,000,000	0	0
<b>TOTAL WASTEWATER</b>				<b>\$49,101,000</b>

E = EXPANSION	\$18,699,400
R = REPLACEMENT	\$30,401,600

## UTILITY CIP SUMMARY WASTEWATER SYSTEM

<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>Planned FY2015</u>	<u>TOTAL FY2010-2015</u>
\$7,350,000	\$8,890,000	\$16,150,000	\$118,150,000	\$11,350,000	\$ 210,991,000
<b>\$7,350,000</b>	<b>\$8,890,000</b>	<b>\$16,150,000</b>	<b>\$118,150,000</b>	<b>\$11,350,000</b>	<b>\$210,991,000</b>
0	0	0	0	1,200,000	1,200,000
100,000	100,000	100,000	100,000	100,000	600,000
100,000	100,000	100,000	100,000	100,000	600,000
100,000	100,000	100,000	100,000	100,000	600,000
50,000	50,000	50,000	50,000	50,000	300,000
4,900,000	5,600,000	9,800,000	9,800,000	9,800,000	44,800,000
100,000	100,000	0	0	0	300,000
2,000,000	1,840,000	0	0	0	6,840,000
0	0	0	0	0	1,243,000
0	0	0	0	0	39,508,000
0	1,000,000	6,000,000	108,000,000	0	115,000,000
<b>\$7,350,000</b>	<b>\$8,890,000</b>	<b>\$16,150,000</b>	<b>\$118,150,000</b>	<b>\$11,350,000</b>	<b>\$210,991,000</b>
\$175,000	\$1,175,000	\$6,175,000	\$108,175,000	\$175,000	\$134,574,400
\$7,175,000	\$7,715,000	\$9,975,000	\$9,975,000	\$11,175,000	\$76,416,600

## UTILITY CIP SUMMARY WATER SYSTEM

SOURCES:	Estimated Cost	Prior Appropriation	FY2010
Transfer from Water Operating/Bonds	\$0	\$0	\$9,025,000
<b>TOTAL SOURCES</b>			<b>\$9,025,000</b>

PROJECTS	TYPE			
AEWTP Upgrades	R	ON-GOING	\$2,135,500	\$0
Automated Meter Reading	R		9,000,000	0
Contingency Fund (Expansion)	E	ON-GOING	200,000	100,000
Contingency Fund (Replacement)	R	ON-GOING	386,700	100,000
Ecoff Road Water Line	R		175,000	0
Extention for Economic Development	E/R	ON-GOING	874,500	100,000
Hicks/Cardiff Water Line Improvements	E/R		1,000,000	0
Highway Projects	E/R	ON-GOING	1,021,900	50,000
Matoaca Pump Station	E/R		1,600,000	0
Matoaca Water Tank	E/R		5,740,000	0
Nash Tank	E		6,200,000	200,000
Rate Stabilization Reserve	R	ON-GOING	27,073,500	3,750,000
Richmond Capacity - Replacement	R	ON-GOING	7,774,300	4,000,000
Route 1 - 8" Water Line Replacement	E/R		6,698,200	3,573,200
South Chester Road Water Line Imp.	E/R		935,000	0
Swift Creek Dam Grout Joints	R		125,000	0
Swift Creek Motor Control Replacement	R		1,540,900	340,900
Water Resources Development	E		2,000,000	0
Whitehouse Road Water Line	R		200,000	0
<b>TOTAL WATER</b>				<b>\$9,025,000</b>

E = EXPANSION \$381,250

R = REPLACEMENT \$8,643,750

## UTILITY CIP SUMMARY WATER SYSTEM

<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>Planned FY2015</u>	<u>TOTAL FY2010-2015</u>
\$15,235,000	\$11,600,000	\$18,847,000	\$20,750,000	\$13,821,000	\$ 89,278,000
<b>\$15,235,000</b>	<b>\$11,600,000</b>	<b>\$18,847,000</b>	<b>\$20,750,000</b>	<b>\$13,821,000</b>	<b>\$89,278,000</b>
\$0	\$0	\$657,000	\$0	\$171,000	\$828,000
0	0	0	0	1,800,000	1,800,000
100,000	100,000	100,000	100,000	100,000	600,000
100,000	100,000	100,000	100,000	100,000	600,000
0	0	0	0	0	175,000
100,000	100,000	100,000	100,000	100,000	600,000
0	1,000,000	0	0	0	1,000,000
50,000	50,000	50,000	50,000	50,000	300,000
0	0	1,600,000	0	0	1,600,000
0	0	5,740,000	0	0	5,740,000
0	0	0	6,000,000	0	6,000,000
3,750,000	3,750,000	7,500,000	7,500,000	7,500,000	33,750,000
7,500,000	4,500,000	3,000,000	5,700,000	4,000,000	28,700,000
2,500,000	0	0	0	0	3,125,000
935,000	0	0	0	0	935,000
0	0	0	0	0	125,000
0	0	0	1,200,000	0	1,200,000
0	2,000,000	0	0	0	2,000,000
200,000	0	0	0	0	200,000
<b>\$15,235,000</b>	<b>\$11,600,000</b>	<b>\$18,847,000</b>	<b>\$20,750,000</b>	<b>\$13,821,000</b>	<b>\$89,278,000</b>
\$1,308,550	\$2,505,000	\$6,541,000	\$6,175,000	\$175,000	\$17,085,800
\$13,926,450	\$9,095,000	\$12,306,000	\$14,575,000	\$13,646,000	\$72,192,200

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UTILITIES  
PROJECT HIGHLIGHTS

# ***UTILITIES HIGHLIGHTS***

## **DESCRIPTION**

The Utility Department's capital improvement plan provides for the county's upcoming water and wastewater infrastructure needs. The plan combines projections of growth, needed capital replacement, changes in customer use patterns, and environmental needs. Funding levels are based on the anticipated issuance of \$50 million in utility bonds in FY2009 and the yearly analysis of the utility rate structure. The Utilities department anticipates a subsequent debt issue in FY2015.

## **HIGHLIGHTS**

Highlights of major utility projects included in the proposed Capital Improvement Program in the short term (fiscal years FY2010 – FY2012) and in the long term (fiscal years FY2013 – FY2015) are detailed below:

### **Short Term Projects (FY2010 through FY2012):**

- Continue payments to the City of Richmond to fund water plant and infrastructure improvements and replacements as required by the City of Richmond contract.
- Allocate funding for the county's portion of the cost of the South Central Wastewater Authority's effort to address the Chesapeake Bay initiatives related to reducing nutrient loading to the Bay and its tributaries.
- Continue improvements at county Wastewater Treatment plants to meet 2011 nutrient regulations.
- Continue annual contributions to the rate stabilization fund based on estimated depreciation of Utilities fixed assets.
- Rehabilitation of the Timsbury Pumping Station and Force Main to maintain updated flow projections.

### **Long Term Projects (FY2013 through FY2015):**

- Begin work to build additional wastewater capacity at the existing Proctor's Creek treatment plant to meet maximum flows until FY2035.
- Provide the county with the technology to automatically collect data from water/wastewater metering devices.
- Construct a new water tank to meet state health department regulations regarding water storage to the Highlands, Woodland Pond subdivisions, and surrounding areas.
- Provide funding to plan for future water resources development.

## **CHANGES FROM THE APPROVED FY2009 – FY2014 CIP**

Below are amendments to the FY2009 – FY2014 Capital Improvement Program:

- Add \$6 million in FY2014 to build an additional water tank near Nash Road.
- Add \$3 million to begin the study and installation of automated meter reading equipment.
- Add \$115 million to fund the construction of additional wastewater treatment capacity.
- Include an additional \$6.8 million in FY2010 through FY2012 to fund the county's portion of plant upgrades per its agreement with the South Central Wastewater Authority.
- Include \$1.2 million for Timsbury pump station rehabilitation due to size requirements.
- Add \$2 million in FY2012 to begin planning for future water resources development.

Detailed descriptions of individual projects previously funded may be found in the Adopted FY2009 – FY2014 Capital Improvement Program document and are not reprinted here.