

**Capital Improvement Program
FY2010-FY2015**

**School Board
December 9, 2008**

Capital Improvement Program

The Chesterfield County Charter Section 5.2 specifies that "No later than March 1 of each year, the Superintendent of Chesterfield County Public Schools shall submit to the County Administrator his estimate of projected revenues and expenditures for the next fiscal year in a form requested by the County Administrator as well as a six-year capital improvement program." As in previous years, the County Administrator requested a draft of the Capital Improvement Program in December of 2008 and the adopted Program by January of 2009.

The County Administrator provides to the Superintendent annually a projection of the funding available to the School Board for capital needs. This funding consists of "pay-as-you-go" dollars referred to as the CIP Reserve, cash proffers negotiated at the time of rezoning to help defray the capital costs associated with the resultant development, and the capacity to issue general obligation bonds of the County. The capacity is determined in accordance with fiscal policies of the Board of Supervisors. Debt service on bonds issued by the County on behalf of the School Board is included in the School Board's operating budget adopted annually. For FY2010-2015, funds available through the CIP Reserve total \$75,640,700; cash proffers are estimated at \$9,840,600; debt capacity is \$196,660,800. In addition, state construction funds of \$885,000 and state technology funds of \$1,851,500 are included in FY2010.

In the winter of 2003 and spring of 2004, staff completed a school-by-school review of the adequacy of facilities based upon three major factors: (1) overcrowding, (2) special program needs and (3) the age and condition of the facility. Based on the School Board's policy, possible solutions to these conditions included portable classrooms, alternative space, relocation of special programs, changes in attendance zones, additions and/or renovations to the facility, and the construction of new facilities. The capital improvements included for funding in FY2005-2011 were those schools where the most appropriate solution was addition, renovation, or new construction. Based on that analysis, a bond referendum was held in November of 2004. The referendum, overwhelmingly approved by voters, included construction of two new elementary schools, two new middle schools, and a replacement for Clover Hill High School. In addition, renovations and additions were included at 13 existing schools. The projects included in this proposed Capital Improvement Plan for the first two years (2010-2011) are the same as those included in the previous plan and shared with voters prior to the referendum, with the exception of the renovations to the current Clover Hill High School to convert it to a middle school.

1. New Construction

High School

Current enrollment and future projections indicate that Matoaca, Thomas Dale, Bird, and Meadowbrook high schools will continue to experience significant enrollment growth. In addition, new construction in these attendance zones will add to already overcrowded conditions. Capacity is available in 2012 to begin planning for a new high school to relieve overcrowding in these areas. Funding for the construction of the school is included in 2014, with funding provided in 2015 for furniture, equipment and technology.

Elementary

Analysis of the geographic areas of the county indicate that continued development and resulting growth in several areas of the county will lead to the need for additional elementary school space. Capacity is available in 2012 to begin planning for a new elementary school, with capacity for construction available in 2014. The specific area for this school will depend in large part on the rate of significant new development currently in the planning stages. Key areas to be considered include the northwest area (currently served by Watkins and Weaver), western corridor (currently served by Woolridge and Winterpock), the south central area (currently served by Gates, Harrowgate and Matoaca), and the central area (currently served by Hopkins and Hening).

2. Renovations and Additions to Existing Facilities

In addition to overcrowding, two other factors were considered when analyzing the adequacy of our facilities. These were the special programs housed in a school and the age and condition of the school. Projects proposed in this area of the Plan include additions to existing facilities to accommodate continued growth and special programs, as well as renovations needed to enable the facility to continue its usefulness on a cost effective basis and meet current program standards. Renovations and/or additions are proposed at Enon, Gates, Harrowgate, Matoaca, and Watkins elementary schools; Midlothian, Robious, Salem Church, and Swift Creek middle schools; and Midlothian and Monacan high schools.

Capital Improvement Program

3. Technology

Funding through the Capital Improvement Plan provides the backbone of the school division's technology program for both direct instruction and management efficiency. A strategic five-year *Technology Master Plan*, approved by the School Board, identifies the goals and progress measures for the division's implementation of technology. The *Technology Master Plan* will ensure students obtain 21st Century skills to include: Creativity and Innovation, Critical Thinking and Problem Solving, Communication and Collaboration, Information Literacy, and Life and Career Skills. Technology will be integrated, in a regular and systematic manner, into subject areas to ensure relevance and rigor. Additionally, CIP funding will be targeted to ensure effective and efficient management systems for instructional data management. The *Technology Master Plan* is scheduled for revision in the current school year. The CIP identifies \$8,701,200 in FY2010 – FY2015 for implementation of the new *Plan* once adopted by the School Board.

Funding from the Capital Improvement Plan supports the purchase of new and replacement computers, data network equipment and cabling and classroom display devices. Annually \$3.0 to \$3.25 million is dedicated to replacement in order to maintain a four-year replacement cycle of technology equipment.

State Technology Grant funds are provided to the school division to allow all schools to update the necessary infrastructure to accommodate on-line SOL testing. With funds provided in prior biennia, CCPS has completed work on the high schools and middle schools. Funding in FY2010 will be used to continue work at the elementary level. A total of \$1,851,500 is included in the Plan for this purpose.

4. Major Maintenance

In the fall of 2008, the school division has 65 school buildings and 9 additional buildings totaling almost 8 million square feet under roof. Twenty-seven schools will be more than 40 years old, with twenty-two schools 20-39 years old. Only seven schools will be less than ten years old. As the facilities age, regular renovations and improvements become even more critical. On an annual basis, projects in major categories will need to be completed. The major categories for the anticipated needs are roof replacements, floor coverings, mechanical systems replacement and upgrades, other building renovations, and grounds improvements.

Committing a minimum of \$2.5 million annually, (\$3.0 to \$3.5 million in the outer years of the plan for inflationary increases) to new facility improvement projects in the categories identified above will enable the school division to make reasonable progress toward meeting the ongoing need for facility improvements as the buildings age. This funding commitment will increase the "life expectancy" as safe and productive environments for teaching and learning. A recent critical needs assessment indicated that nearly \$62 million of critical major maintenance exists. Funding was included in FY2008 to begin to address some of the unfunded needs currently identified. The Facilities Department has indicated the need for \$17,633,300 of upgrades to existing HVAC systems within the next two years in order to prevent major disruption to the operation of these buildings. In addition, there is a need to begin to make improvements to buildings to conserve energy. A total of \$2,000,000 is included for this purpose. Also, some security enhancements are needed to ensure our students and faculty are housed in the safest and most secure environment possible. A total of \$1,500,000 is included for these improvements.

5. Administrative Space

The Instruction Division Center (IDC) was relocated in 2007 to leased space at 600 Southlake Boulevard. The School Board has entered into a five-year lease with options to renew beyond that time. Funds have been included in FY2012 to begin planning for an addition and renovations to our School Board Administrative building to enable this portion of our Central Office staff to be housed in that location. Funding for the construction of this additional space and required renovations is proposed for FY2013.

5. Technical Education Space

The Chesterfield Technical Center is experiencing a shortage of space and therefore having to deny admission to eligible students. It is anticipated that space might be available in the new Clover Hill Middle School or in some other existing location to help defray this shortage. Funds are included for minor renovations that might be required to create classrooms needed for various technical education programs.

The Board of Supervisors has undertaken a multi-year review of the County's Comprehensive Plan which will likely include an update to the Public Facilities Plan. As part of this effort, reviews of enrollment growth and patterns will continue to determine the need for new schools to address current and future enrollment growth. This review may cause priorities included in the out years of this Plan (FY2012 and beyond) to be revised as appropriate and/or recommend further investment in capital spending.

Information is provided on the following pages that provide:

- Attachment A FY2010-2015 Capital Improvement Plan Financial Summary
- Attachment B Enrollment data at the elementary, middle, and high school level for the past twenty-five years
- Attachment C Data on functional capacity, enrollment and mobile classrooms as of fall of 2008
- Attachment D School CIP summary with project descriptions and fund sources

2010-2015 Capital Improvement Plan Financial Summary

<u>Sources:</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>Total</u>
CIP Reserve Transfer	14,828,400	10,958,300	11,506,200	12,081,500	12,685,600	13,580,700	75,640,700
Debt Financing	32,598,000	27,936,300	8,200,700	20,064,400	107,611,400	250,000	196,660,800
Cash Proffers	2,160,700	1,336,900	1,562,200	1,577,800	1,593,500	1,609,500	9,840,600
State Technology Funds	1,851,500	0	0	0	0	0	1,851,500
State Construction Funds	<u>885,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>885,000</u>
	<u>52,323,600</u>	<u>40,231,500</u>	<u>21,269,100</u>	<u>33,723,700</u>	<u>121,890,500</u>	<u>15,440,200</u>	<u>284,878,600</u>

Uses:

Major Maintenance	2,500,000	2,500,000	3,000,000	3,000,000	3,500,000	3,500,000	18,000,000
HVAC Upgrades	10,933,300	6,700,000					17,633,300
Energy Improvements	500,000	500,000	250,000	250,000	250,000	250,000	2,000,000
Security Enhancements	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
Technology Plan	0	2,035,400	2,024,700	2,013,400	377,700	2,250,000	8,701,200
Computer Replacement	3,000,000	3,000,000	3,000,000	3,000,000	3,250,000	3,250,000	18,500,000
Technology Projects	1,851,500	0	0	0	0	0	1,851,500
Future Acquisitions	<u>2,038,800</u>	<u>746,100</u>	<u>1,494,400</u>	<u>960,300</u>	<u>1,593,500</u>	<u>1,609,500</u>	<u>8,442,600</u>
Subtotal	21,073,600	15,731,500	10,019,100	9,473,700	9,221,200	11,109,500	76,628,600
Gates Elementary	3,500,000						3,500,000
Watkins Elementary		4,500,000					4,500,000
Midlothian Middle	8,000,000						8,000,000
Robious Middle	6,500,000						6,500,000
Salem Church Middle	8,000,000						8,000,000
Swift Creek Middle	5,250,000						5,250,000
Midlothian High		12,000,000					12,000,000
Monacan High			1,000,000		11,000,000		12,000,000
Harrowgate Elementary			500,000	4,500,000			5,000,000
Enon Elementary			500,000	4,500,000			5,000,000
Matoaca Elementary			500,000	7,000,000			7,500,000
Bermuda High (open 2016)			6,000,000		76,669,300	4,330,700	87,000,000
New Elementary (open 2015)			2,000,000		25,000,000		27,000,000
Convert Clover Hill to Middle		8,000,000					8,000,000
Administrative Space			750,000	7,250,000			8,000,000
Technical Education Space				1,000,000			1,000,000
	<u>52,323,600</u>	<u>40,231,500</u>	<u>21,269,100</u>	<u>33,723,700</u>	<u>121,890,500</u>	<u>15,440,200</u>	<u>284,878,600</u>

September 30th Membership History

Attachment B

Year	Elementary	Growth @ Elem	Middle	Growth @ Middle	High	Growth @ High	Total	Total Growth
1982	14,891		9,213		9,862		33,966	
1983	15,053	162	9,058	-155	10,302	440	34,413	447
1984	15,785	732	8,748	-310	11,246	944	35,779	1,366
1985	16,715	930	8,368	-380	11,852	606	36,935	1,156
1986	18,145	1,430	8,522	154	12,180	328	38,847	1,912
1987	19,446	1,301	8,809	287	12,180	0	40,435	1,588
1988	20,489	1,043	9,126	317	11,942	-238	41,557	1,122
1989	21,628	1,139	9,420	294	11,919	-23	42,967	1,410
1990	22,481	853	9,987	567	12,012	93	44,480	1,513
1991	22,938	457	10,515	528	12,238	226	45,691	1,211
1992	23,541	603	10,782	267	12,678	440	47,001	1,310
1993	23,965	424	10,895	113	13,060	382	47,920	919
1994	23,407	-558	11,086	191	13,556	496	48,049	129
1995	23,747	340	11,463	377	13,847	291	49,057	1,008
1996	23,899	152	11,835	372	14,047	200	49,781	724
1997	23,786	-113	12,083	248	14,314	267	50,183	402
1998	23,926	140	12,230	147	14,366	52	50,522	339
1999	23,766	-160	12,301	71	14,864	498	50,931	409
2000	23,449	-317	12,549	248	15,246	382	51,244	313
2001	23,711	262	12,942	393	15,723	477	52,376	1,132
2002	23,902	191	13,385	443	16,258	535	53,545	1,169
2003	24,270	368	13,517	132	17,006	748	54,793	1,248
2004	24,570	300	13,619	102	17,464	458	55,653	860
2005	25,021	451	13,694	75	18,035	571	56,750	1,097
2006	25,651	630	13,657	-37	18,622	587	57,930	1,180
2007	25,953	302	13,656	-1	18,805	183	58,414	484
2008	26,096	143	13,581	-75	18,894	89	58,571	157

NOTE: Totals include the Governor's Schools

CCPS Fall 2008

ELEMENTARY SCHOOL	2007-2008 FUNCTIONAL CAPACITY	SEPTEMBER 30, 2008 MEMBERSHIP	(OVER)/UNDER CAPACITY	PERCENT OF FUNCTIONAL CAPACITY	NUMBER OF CLASSROOM TRAILERS 2008-09
ALBERTA SMITH ELEM	674	747	(73)	111%	8
BELLWOOD ELEM	361	454	(93)	126%	8
BENSLEY ELEM	620	667	(47)	108%	5
BEULAH ELEM	508	572	(64)	113%	6
BON AIR ELEM	477	493	(16)	103%	0
CHALKLEY, JA ELEM	754	761	(7)	101%	3
CLOVER HILL ELEM	759	897	(138)	118%	8
CRENSHAW, THELMA ELEM	687	755	(68)	110%	7
CRESTWOOD ELEM	615	596	19	97%	4
CURTIS, CE ELEM	868	742	126	85%	0
DAVIS, AM ELEM	703	632	71	90%	4
ECOFF ELEM	782	754	28	96%	4
ELIZABETH SCOTT	884	739	145	84%	0
ENON ELEM	562	497	65	88%	3
ETTRICK ELEM	548	526	22	96%	0
EVERGREEN ELEM	986	955	31	97%	4
FALLING CREEK ELEM	547	540	7	99%	4
GATES, OB ELEM	722	826	(104)	114%	8
GORDON, WW ELEM	753	627	126	83%	0
GRANGE HALL ELEM	825	763	62	92%	4
GREENFIELD ELEM	635	559	76	88%	0
HARROWGATE ELEM	581	458	123	79%	4
HENING, JG ELEM	815	900	(85)	110%	5
HOPKINS ROAD ELEM	495	631	(136)	127%	5
JACOBS ROAD ELEM	746	795	(49)	107%	4
MARGUERITE F CHRISTIAN	742	757	(15)	102%	4
MATOACA ELEM	474	511	(37)	108%	2
PROVIDENCE ELEM	664	630	34	95%	1
REAMS ROAD ELEM	608	498	110	82%	0
ROBIOUS ELEM	782	674	108	86%	0
SALEM CHURCH ELEM	717	625	92	87%	0
SPRING RUN ELEM	943	789	154	84%	0
SWIFT CREEK ELEM	746	756	(10)	101%	5
WATKINS, JB ELEM	752	881	(129)	117%	9
WEAVER, BETTIE ELEM	746	876	(130)	117%	6
WELLS, CC ELEM	710	708	2	100%	2
WINTERPOCK	930	750	180	81%	0
WOOLRIDGE ELEM	733	755	(22)	103%	3
HEAD START					
TOTAL	26,454	26,096	358		130

ADDITIONS/RENOVATIONS – ELEMENTARY SCHOOLS

Project Description/Justification:

The following elementary school additions and renovations are planned in the school’s capital improvement program:

Gates Elementary:

This project includes \$3,500,000 in FY2010 to add classrooms and additional space for special education. More storage and conference room space is also included in the plan. Capacity is expected to be increased by about 150 students when complete in spring 2012. Funds in the amount of \$500,000 were included in a prior Plan for design. This school is in the Dale District.

Watkins Elementary:

Funding of \$4,500,000 in FY2011 is provided to design and construct additional classroom space for ESL, special education, music and art. Renovations to the main office for security are also included in the plan. Capacity is expected to be increased by about 150 students when complete in fall 2012. Funds of \$500,000 were included in a prior Plan for design. This school is in the Midlothian District.

Harrowgate Elementary:

Design and construction funds of \$500,000 in FY2012 and \$4,500,000 in FY2013 are provided to add new classrooms, parking and work space. The new space will increase capacity by about 150 students. Completion is expected in fall 2013. This school is in the Bermuda District.

Enon Elementary:

This project includes \$500,000 in FY2012 and \$4,500,000 in FY2013 to design and add new space for classrooms, special education, storage, conferences and the cafeteria. Renovations of the main office for security are also included in the plan. Capacity at the school is expected to be increased by about 150 students when opened in fall 2013. This school is in the Bermuda District.

Matoaca Elementary:

This project includes \$500,000 in FY2012 and \$7,000,000 in FY2014 to design and construct additional classrooms. Renovations to some existing classrooms, the cafeteria, bathrooms, and the main office for security are also included. This school is in the Matoaca District.

Estimated Project Costs:

Total projected cost for elementary school additions and renovations is \$25,500,000.

Operating Cost Detail:

Operating costs are not expected to substantially increase from these projects. Additional costs will be offset by reductions related to current temporary facilities. Staffing levels are based on current student populations and should remain unchanged.

Impact If Not Completed:

Students in the county will face shortages in educational space.

Financing

	<u>Prior Years</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>TOTAL FY10-15</u>
Reserve for CIP	\$0	\$0	\$0	\$0	\$3,568,100	\$0	\$0	\$3,568,100
GO Debt	1,000,000	3,500,000	4,500,000	1,500,000	11,814,400	0	0	21,314,400
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	617,500	0	0	617,500
TOTAL	\$1,000,000	\$3,500,000	\$4,500,000	\$1,500,000	\$16,000,000	\$0	\$0	\$25,500,000

ADDITIONS/RENOVATIONS – MIDDLE SCHOOLS

Project Description/Justification:

The following middle school additions and renovations are planned in the school's capital improvement program:

Midlothian Middle:

The construction plan includes funding of \$8,000,000 in FY2010 to build additional regular classrooms, expand the cafeteria, and provide security enhancements in the main office area. Funds (\$1,000,000) were previously provided in for the design of the project. Capacity is expected to be increased by about 200 students when finished in fall 2011. This school is in the Midlothian District.

Robious Middle:

This project includes \$6,500,000 in FY2010 to add new classroom space, improve traffic flow and renovate the main office for security. Funds (\$500,000) were previously provided for the design of the project. It is expected that capacity will increase by about 300 students when completed in fall 2012. This school is in the Midlothian District.

Salem Church Middle:

Funding of \$8,000,000 is included in FY2010 to recapture space to be used for special education and storage space, renovate the main office area for security and make other improvements both inside and outside the building. Funds (\$1,000,000) were previously provided for the design of the project. This school is in the Dale District.

Swift Creek Middle:

This project includes \$5,250,000 in FY2010 to add a new auditorium and performing arts space at the school. Funds (\$750,000) were previously provided for the design of the project. The construction is expected to be completed in fall 2011. This school is in the Clover Hill District.

Clover Hill Middle:

This project includes \$8,000,000 in FY2011 to replace the HVAC system at the current Clover Hill High School to allow the building to be used as a middle school beginning in the fall of 2011. Funds (\$750,000) were previously provided for engineering of this project. The construction is expected to be completed in the fall of 2011. This school is in the Clover Hill district.

Estimated Project Costs:

Total projected cost for these middle school additions and renovations is \$35,750,000.

Operating Cost Detail:

Operating costs are not expected to substantially increase from these projects. Additional costs will be offset by reductions related to current temporary facilities. Staffing levels are based on current student populations and should remain unchanged.

Impact If Not Completed:

Students in the county will face shortages in educational space.

Financing

	<u>Prior Years</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>TOTAL FY10-15</u>
Reserve for CIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GO Debt	3,677,100	26,743,100	8,000,000	0	0	0	0	34,743,100
Lease Purchase	0	0	0	0	0	0	0	0
Other Sources	0	885,000	0	0	0	0	0	885,000
Cash Proffers	<u>322,900</u>	<u>121,900</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>121,900</u>
TOTAL	\$4,000,000	\$27,750,000	\$8,000,000	\$0	\$0	\$0	\$0	\$ 35,750,000

ADDITIONS/RENOVATIONS – HIGH SCHOOLS

Project Description/Justification:

The following high school additions and renovations are planned in the school's capital improvement program:

Midlothian High:

Construction funds of \$12,000,000 are provided in FY2011 for the design and construction of additional gym, music, storage, and science lab space. The plan also includes the conversion of the Shop area for other uses and the renovation of the main office area for security. Funds (\$1,000,000) were previously provided for the design of the project. Completion is expected fall 2012. This school is in the Midlothian District.

Monacan High:

The construction plan includes \$1,000,000 in FY2012 for design and \$11,000,000 in FY2014 to construct two science labs and add fine arts, guidance, storage, and physical education space to the school. Securing of the balconies in the technical

education room and the renovation of the main office for security is also in the plan. Construction is expected to be completed fall 2015. This school is in the Clover Hill District.

Estimated Project Costs:

Total projected cost for these high school additions and renovations is \$24,000,000.

Operating Cost Detail:

Operating costs are not expected to substantially increase from these projects. Staffing levels are based on current student populations and therefore should remain unchanged.

Impact If Not Completed:

Students in the county will face shortages in educational space.

	<u>Prior Years</u>	<u>Financing</u>					<u>TOTAL FY10-15</u>
		<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	
Reserve for CIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GO Debt	1,000,000	0	11,409,200	932,200	0	11,000,000	23,409,200
Lease Purchase	0	0	0	0	0	0	0
Other Sources	0	0	0	0	0	0	0
Cash Proffers	<u>0</u>	<u>0</u>	<u>590,800</u>	<u>67,800</u>	<u>0</u>	<u>0</u>	<u>590,800</u>
TOTAL	\$1,000,000	\$0	\$12,000,000	\$1,000,000	\$0	\$11,000,000	\$24,000,000

NEW SCHOOLS

Project Description/Justification:

Bermuda High:

Construction of one new high school in the Bermuda district is planned in this Capital Improvement Program (CIP) to relieve student overcrowding at Thomas Dale, Matoaca and Meadowbrook high schools. Funding of \$6 million is available in FY2012 to begin design, with \$76,669,300 in FY2014 for construction. Additional funding of \$4,330,700 is included in FY2015 to complete the new school. The new school is projected to house 1,750 students and to open in fall 2016.

New Elementary:

Design and construction of one new elementary school is planned in this CIP to relieve overcrowding in existing schools. Funding of \$2 million is available in FY2012 to begin design, with \$25 million in FY2014 for construction. The elementary school is projected to house 900 students and is planned to open in the fall of 2015. The location of this school is currently being studied.

Estimated Project Costs:

Total projected cost over the FY2010 – FY2015 planning period for these new schools is estimated to be \$114,000,000.

Operating Cost Detail:

Clover Hill's operating impact is expected to be substantially offset by reductions in operating costs of the old high school. The other two schools are projected to open in subsequent planning years.

Impact If Not Completed:

Students in the county will face shortages in educational space.

Financing

	<u>Prior Years</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>TOTAL FY10-15</u>
Reserve for CIP	0	\$0	\$0	\$2,981,500	\$0	\$5,057,900	\$4,080,700	\$12,120,100
GO Debt	0	0	0	5,018,500	0	96,611,400	250,000	101,879,900
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	\$8,000,000	\$0	\$101,669,300	\$4,330,700	\$114,000,000

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ADMINISTRATIVE SPACE

Project Description/Justification:

Currently the School's Instruction Division is housed in leased space physically separated from the rest of school's central administrative offices. In an effort to address this issue, design and construction funds in FY2012 (\$750,000) and FY2013 (\$7,250,000) are planned. The current owned School Board Office building is more than 40 years old and has never been renovated. The additional space will provide great efficiencies when all administrative personnel can be housed together.

Facility Plan:

N/A

Location/Site Status:

Dale Magisterial District

Estimated Project Costs:

Total projected cost for the addition and renovation is estimated to be \$8,000,000.

Operating Cost Detail:

Total operating costs are not expected to substantially increase as a result of this project. Debt service payments are expected but will be offset by the elimination of further lease payments.

Impact If Not Completed:

School staff will continue to be housed in separate areas of the county and efficiencies and communication will be compromised as a result.

Financing / Operating Budget Impact

	<u>Prior</u>							<u>TOTAL</u>
	<u>Years</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY10-15</u>
Financing								
Reserve for CIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GO Debt	0	0	0	750,000	7,250,000	0	0	8,000,000
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	\$750,000	\$7,250,000	\$0	\$0	\$8,000,000

TECHNICAL EDUCATION SPACE

Project Description/Justification:

There is a need for additional technical education space in Chesterfield County Public Schools. It is anticipated that this space might be available in the new Clover Hill Middle School or in some other existing location. Funds would be required to renovate existing space to create classrooms needed for various technical education programs.

Location/Site Status:

Undetermined at this time

Estimated Project Costs:

Total projected cost for the addition and renovation is estimated to be \$1,000,000.

Operating Cost Detail:

There are some one-time costs associated with start-up of new classrooms. Federal Carl Perkins funds are available for some of these costs.

Impact If Not Completed:

Students will continue to experience an inability to enroll in various technical education courses.

Financing

	<u>Prior Years</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>TOTAL FY10-15</u>
Reserve for CIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GO Debt	0	0	0	0	1,000,000	0	0	1,000,000
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	\$1,000,000	\$0	\$0	\$1,000,000

FUTURE FACILITIES PLANNING, DESIGN, CONSTRUCTION AND LAND ACQUISITION

Project Description/Justification:

This project allows for specific site and facility planning, design, construction, and land acquisition for future school facilities made necessary by development growth in the county.

Cash proffer collections make up the majority of the funding source for these efforts. As revenues are accumulated over time, appropriations will be made for specific facility needs.

Location/Site Status:

Countywide.

Estimated Project Costs:

Site and facility planning, design, construction, and land acquisition over the six year planning period is projected to be \$8,442,600.

Operating Cost Detail:

No impact on the operating budget.

Financing

	<u>Prior Years</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>TOTAL FY10-15</u>
Reserve for CIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
GO Debt	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>2,038,800</u>	<u>746,100</u>	<u>1,494,400</u>	<u>960,300</u>	<u>1,593,500</u>	<u>1,609,500</u>	<u>8,442,600</u>
TOTAL	\$0	\$2,038,800	\$746,100	\$1,494,400	\$960,300	\$1,593,500	\$1,609,500	\$8,442,600

MAJOR MAINTENANCE/HVAC PROJECTS/ENERGY IMPROVEMENTS/SECURITY ENHANCEMENTS

Project Description/Justification:

By the fall of 2008, the school division will have 65 school buildings and 9 additional buildings totaling nearly 8 million square feet under roof. Twenty-seven of the schools will be more than 40 years old, with 22 schools 20 to 39 years old. As the facilities age, regular renovations and improvements become even more critical. This project was established in order to provide funding for major maintenance projects, including replacement of roofs, floor coverings, upgrades and replacements of mechanical systems, and grounds improvements. This will be an ongoing need for the school's facilities.

The Facilities Department has indicated the need for \$17,633,300 of upgrades to existing HVAC systems within the next two years in order to prevent major disruption to the operation of the buildings. In addition, there is a need to begin to make improvements to buildings to conserve energy. Changing lighting to a more energy efficient in all existing buildings has been identified as the first priority. Also, some security enhancements are needed to ensure our students and faculty are housed in the safest and most secure learning environment possible.

Location/Site Status:

School facilities throughout Chesterfield County.

Estimated Project Costs:

\$2.5 million in FY2009 and FY2010, \$3.0 million in FY2011 and FY2012 and \$3.5 million in each year thereafter are projected for routine major maintenance activities. A total of \$17,633,300 is budgeted for HVAC critical needs. Energy improvements are budgeted at \$500,000 in the first two years and \$250,000 each year thereafter, with security enhancements of \$250,000 annually.

Operating Cost Detail:

No impact on the operating budget.

Impact If Not Completed:

As building systems deteriorate, other systems are affected resulting in increased maintenance costs. Working conditions for Chesterfield County School employees are also negatively impacted.

Financing

	<u>Prior Years</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>TOTAL FY10-15</u>
Reserve for CIP	\$0	\$11,828,400	\$5,922,900	\$3,500,000	\$3,500,000	\$4,000,000	\$4,000,000	\$32,751,300
GO Debt	0	2,354,900	4,027,100	0	0	0	0	6,382,000
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	\$14,183,300	\$9,950,000	\$3,500,000	\$3,500,000	\$4,000,000	\$4,000,000	\$39,133,300

TECHNOLOGY IMPROVEMENTS

Project Description/Justification:

Technology Plan:

The current capital improvement program provides funding for the implementation and maintenance of the division's Technology Master Plan. The plan incorporates the integration of technology into the classroom, professional development of teachers, the connectivity of infrastructure, hardware and software, and the evaluation of the technology system for effectiveness. The Master Plan is revised periodically and approved by the School Board. The projects approved for funding in this planning cycle will provide \$8,701,200 to address these needs over the six-year planning period.

Computer Replacement:

As technology becomes increasingly critical to the delivery of instruction, the efficiency of the infrastructure and equipment becomes very important. In an effort to address aging computer equipment throughout the school system, a plan is in place to provide for the systematic replacement of computers after an average useful life of four years. This CIP provides \$18,500,000 to accomplish this over the six-year CIP period.

Technology Projects:

State Technology Grant funds are provided to the school division to allow all schools to update the necessary infrastructure to accommodate on-line SOL testing. In prior years, the schools completed work for county high schools and middle schools. Funding in FY2010 of \$1,851,500 will be used to continue work at the elementary level.

Location/Site Status:

Multiple school facilities.

Estimated Project Costs:

The estimated cost of the three projects is \$29,052,700 over six years.

Impact If Not Completed:

The schools will risk falling behind in technological advances critical to operational processes and in the services it provides to students and citizens.

Financing

	Prior Years	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	TOTAL FY10-15
Reserve for CIP	\$0	\$3,000,000	\$5,035,400	\$5,024,700	\$5,013,400	\$3,627,700	\$5,500,000	\$27,201,200
GO Debt	0	0	0	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Other Sources	0	1,851,500	0	0	0	0	0	1,851,500
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	\$4,851,500	\$5,035,400	\$5,024,700	\$5,013,400	\$3,627,700	\$5,500,000	\$29,052,700