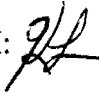



**MEMORANDUM**

February 26, 2010

TO: Education Committee

FROM:  Keith Levchenko, Senior Legislative Analyst  
Essie McGuire, Legislative Analyst 

SUBJECT: **Worksession: FY11-16 Montgomery County Public Schools (MCPS) Capital Improvements Program (CIP)**

The following officials and staff are expected to participate in this meeting:

**MCPS**

Patricia O'Neill, President of the Board of Education  
Christopher Barclay, Vice President of the Board of Education  
Laura Berthiaume, Board of Education  
Judy Docca, Board of Education  
Michael Durso, Board of Education  
Dr. Jerry Weast, Superintendent of Schools  
Larry Bowers, Chief Operating Officer  
Joseph Lavorgna, Acting Director, Department of Facilities Management  
James Song, Director, Division of Construction, Department of Facilities Management  
Adrienne Karamihas, Capital Budget Manager, Department of Facilities Management

**County Government**

Jacqueline Carter, Office of Management and Budget  
Blaise Defazio, Office of Management and Budget

**Schedule**

The Board of Education's FY11-16 Proposed CIP was transmitted to the Council on December 1, 2009. The County Executive's Recommended CIP was transmitted on January 15, 2010.

The Council held public hearings on the FY11-16 CIP on February 16 and 17 and received testimony from the President of the Board of Education, the President of the Council of

PTAs, cluster coordinators, and others. Speakers generally supported the Board of Education’s request, often noting specific projects of interest in their cluster. Some speakers identified additional capital and maintenance needs at particular schools beyond what is included in the Board of Education request. Council Staff will forward these concerns to MCPS staff for their review.

The Education Committee has two dates scheduled for review of the FY11-16 MCPS CIP: March 2 and a follow-up meeting on March 11. Below is a schedule of discussion topics for both meetings:

**March 2**

- Overview of the Request
- Funding Trends and Comparisons
- Macro Issues
  - Enrollment
  - Annual Growth Policy
  - State Aid Assumptions
  - School Construction Costs
  - Relocatable Classrooms Summary
  - Prioritization of Projects
- Project Review
  - Individual School Projects with no major issues
  - Selected Countywide Projects
  - Capacity Projects Review

**March 11**

- Project Review Continued
  - Relocatable Classrooms
  - Current and Future Modernizations
  - Rehab/Renovation of Closed Schools
  - Technology Modernization
  - Others
- Any Remaining Issues

**PART I: OVERVIEW OF THE BOARD OF EDUCATION REQUEST**

The FY11-16 MCPS CIP request (summary table attached on ©X) is a 15.7 percent increase over the amended FY09-14 CIP.<sup>1</sup> The major aspects of the Board’s request include:

- Capacity Projects:
  - In addition to the capacity projects already in the Approved FY09-14 CIP, two new school projects (Clarksburg Cluster ES and Clarksburg/Damascus MS) are requested.
  - 9 new addition projects to add approximately 1400 seats
- Modernizations: There is no change proposed for the modernization schedule.
- Countywide Projects:
  - Substantial increases in the cost and levels of effort of a number of systemic projects (such as HVAC, PLAR, building modifications, and others)
  - Outyear funding for two new bus depot projects (Clarksburg Depot Expansion and Shady Grove Depot Replacement)

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<sup>1</sup>A number of CIP amendments were approved subsequent to the Council’s approval of the FY09-14 CIP in May of 2008.

- o Additional funding in the Rehab/Renovation of Closed Schools projects for the reopening of Broome Junior High School and the reuse of Woodward High School as holding facilities.

The December 1, 2009 transmittal memorandum from the Board of Education President is attached on ©1-5. The Board’s FY11-16 CIP request matches the Superintendent’s recommendations that were submitted in late October. One Board action which did not affect the CIP directly, but which has facility implications, is the Board’s decision not to move forward with the closure process for Monocacy Elementary School.<sup>2</sup>

## PART II: FUNDING TRENDS AND COMPARISONS

### Expenditures

The following chart presents six-year and annual totals for the original approved FY09-14 MCPS CIP, the latest (i.e. amended) FY09-14 CIP, the FY11-16 Board request, and the FY11-16 CIP as recommended by the County Executive.

**Table 1:  
FY11-16 versus Amended FY09-14 Expenditures (in 000's)**

	Six-Year	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16
<b>FY09-14 Approved</b>	<b>1,173,478</b>	<b>254,784</b>	<b>237,330</b>	<b>227,392</b>	<b>169,900</b>	<b>147,094</b>	<b>136,978</b>		
<b>FY09-14 Amended</b>	<b>1,291,479</b>	<b>238,187</b>	<b>192,277</b>	<b>217,433</b>	<b>217,255</b>	<b>192,298</b>	<b>234,029</b>		
change from approved	118,001	(16,597)	(45,053)	(9,959)	47,355	45,204	97,051		
<b>FY11-16 Board Request</b>	<b>1,493,818</b>			<b>253,822</b>	<b>268,057</b>	<b>251,075</b>	<b>277,282</b>	<b>221,032</b>	<b>222,550</b>
change from approved	320,340	27.3%		26,430	98,157	103,981	140,304		
change from amended	202,339	15.7%		36,389	50,802	58,777	43,253		
<b>FY11-16 CE Recommended</b>	<b>1,484,647</b>			<b>251,626</b>	<b>242,605</b>	<b>267,790</b>	<b>281,744</b>	<b>219,652</b>	<b>221,230</b>
change from approved	311,169	26.5%		24,234	72,705	120,696	144,766		
change from amended	193,168	15.0%		34,193	25,350	75,492	47,715		
change from Board Request	(9,171)	-0.6%		(2,196)	(25,452)	16,715	4,462	(1,380)	(1,320)

The Board’s FY11-16 request for the Montgomery County Public Schools (MCPS) totals nearly \$1.5 billion. This level of funding is \$202 million (or 15.7 percent) more than the amended (latest) FY09-14 CIP of \$1.29 billion.

An excerpt of the County Executive’s Recommended FY11-16 CIP discussion regarding MCPS is attached (©9-20).

The County Executive recommended reducing the Board request by approximately \$9.2 million over the six year period and \$2.2 million in FY11. The County Executive did not identify how to achieve the yearly changes assumed in his recommendation. Therefore, as the Council reviews each MCPS project, the only specific project numbers available for the Council’s review are from the Board of Education’s request.

### Funding Sources

Expenditures by funding source are shown on the following table.

<sup>2</sup> Instead the Board approved further study of ways to increase enrollment at Monocacy ES. This change does not affect the numbers in the FY11-16 CIP but will have an impact on the FY11 Operating Budget.

**Table 2:  
Amended FY09-14 & FY11-16 Board Request & CE Recommendation by Funding Source**

	Six-Year	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16
<b>Amended CIP</b>	<b>1,291,479</b>	<b>238,187</b>	<b>192,277</b>	<b>217,433</b>	<b>217,255</b>	<b>192,298</b>	<b>234,029</b>		
Bonds	753,560	147,442	126,837	134,488	133,135	87,323	124,335		
Current Revenue	292,176	37,279	35,290	41,145	43,793	64,975	69,694		
State Aid	241,661	53,311	28,350	40,000	40,000	40,000	40,000		
Contributions	155	155	-	-	-	-	-		
Federal Aid	3,927	-	1,800	1,800	327	-	-		
<b>Board Request</b>	<b>1,493,818</b>			<b>253,822</b>	<b>268,057</b>	<b>251,075</b>	<b>277,282</b>	<b>221,032</b>	<b>222,550</b>
Bonds	964,775			175,442	181,042	143,339	161,305	151,259	152,388
Current Revenue	296,916			46,580	46,688	67,736	75,977	29,773	30,162
State Aid	230,000			30,000	40,000	40,000	40,000	40,000	40,000
Contributions	-			-	-	-	-	-	-
Federal Aid	2,127			1,800	327	-	-	-	-
<b>CE Recommendation</b>	<b>1,484,647</b>			<b>251,626</b>	<b>242,605</b>	<b>267,790</b>	<b>281,744</b>	<b>219,652</b>	<b>221,230</b>
Bonds	957,748			187,818	171,979	175,743	183,011	119,359	119,838
Current Revenue	294,772			32,008	30,299	52,047	58,733	60,293	61,392
State Aid	230,000			30,000	40,000	40,000	40,000	40,000	40,000
Contributions	-			-	-	-	-	-	-
Federal Aid	2,127			1,800	327	-	-	-	-
	Six-Year	Six-Year % Change		FY11	FY12	FY13	FY14	FY15	FY16
<b>Board Request vs. Amended</b>	<b>202,339</b>	<b>15.7%</b>		<b>36,389</b>	<b>50,802</b>	<b>58,777</b>	<b>43,253</b>		
Bonds	211,215	28.0%		40,954	47,907	56,016	36,970		
Current Revenue	4,740	1.6%		5,435	2,895	2,761	6,283		
State Aid	(11,661)	-4.8%		(10,000)	-	-	-		
Contributions	(155)	-100.0%		-	-	-	-		
Federal Aid	(1,800)	-45.8%		-	-	-	-		
<b>CE vs. Amended</b>	<b>193,168</b>	<b>15.0%</b>		<b>34,193</b>	<b>25,350</b>	<b>75,492</b>	<b>47,715</b>		
Bonds	204,188	27.1%		53,330	38,844	88,420	58,676		
Current Revenue	2,596	0.9%		(9,137)	(13,494)	(12,928)	(10,961)		
State Aid	(11,661)	-4.8%		(10,000)	-	-	-		
Contributions	(155)	-100.0%		-	-	-	-		
Federal Aid	(1,800)	-45.8%		-	-	-	-		
<b>CE vs. Board Request</b>	<b>(9,171)</b>	<b>-0.6%</b>		<b>(2,196)</b>	<b>(25,452)</b>	<b>16,715</b>	<b>4,462</b>	<b>(1,380)</b>	<b>(1,320)</b>
Bonds	(7,027)	-0.7%		12,376	(9,063)	32,404	21,706	(31,900)	(32,550)
Current Revenue	(2,144)	-0.7%		(14,572)	(16,389)	(15,689)	(17,244)	30,520	31,230
State Aid	-	0.0%		-	-	-	-	-	-
Contributions	-	#DIV/0!		-	-	-	-	-	-
Federal Aid	-	0.0%		-	-	-	-	-	-

This chart shows that six-year bond funding would increase substantially under the Board of Education request. Although the Board's request does not break out funding sources, the approved assumptions have been included in order to more clearly show the local funding requirements of the CIP.

The Executive is recommending nearly all of the MCPS CIP (99.3% over the six-year period) but assumes to increase bonds and decrease current revenue over that period (necessitated by reductions in assumed Schools Impact Tax revenue) and to shift expenditures between fiscal years. The Council will need to take into account these shifts as it works to balance the CIP for each fiscal year.

The following chart breaks down the current revenue category. The Executive has extended the recordation and impact tax assumptions through FY16 consistent with his latest revenue assumptions (which reflect far lower levels than previously assumed).

**Table #3:  
Current Revenue by Category**

	Six-Year	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16
<b>FY09-14 Amended</b>	<b>292,176</b>	<b>37,279</b>	<b>35,290</b>	<b>41,145</b>	<b>43,793</b>	<b>64,975</b>	<b>69,694</b>		
General	87,563	19,779	10,190	7,777	4,781	22,601	22,435		
Recordation Tax	94,620	9,500	14,100	13,032	17,038	19,050	21,900		
School Impact Tax	109,993	8,000	11,000	20,336	21,974	23,324	25,359		
Contributions	-								
<b>FY11-16 Board Requested</b>	<b>296,916</b>			<b>46,580</b>	<b>46,688</b>	<b>67,736</b>	<b>75,977</b>	<b>29,773</b>	<b>30,162</b>
Current Revenue - General	134,903			13,212	7,676	25,362	28,718	29,773	30,162
CR Recordation Tax	71,020			13,032	17,038	19,050	21,900		
School Impact Tax	90,993			20,336	21,974	23,324	25,359		
<b>FY11-16 CE Recommended</b>	<b>294,772</b>			<b>32,008</b>	<b>30,299</b>	<b>52,047</b>	<b>58,733</b>	<b>60,293</b>	<b>61,392</b>
Current Revenue - General	124,452			11,016	4,781	24,107	27,313	28,393	28,842
CR Recordation Tax	114,820			13,032	17,038	19,050	21,900	21,900	21,900
School Impact Tax	55,500			7,960	8,480	8,890	9,520	10,000	10,650
<b>CE Changes to Board Request</b>	<b>(2,144)</b>			<b>(14,572)</b>	<b>(16,389)</b>	<b>(15,689)</b>	<b>(17,244)</b>	<b>30,520</b>	<b>31,230</b>
Current Revenue - General	(10,451)			(2,196)	(2,895)	(1,255)	(1,405)	(1,380)	(1,320)
CR Recordation Tax	43,800			-	-	-	-	21,900	21,900
School Impact Tax	(35,493)			(12,376)	(13,494)	(14,434)	(15,839)	10,000	10,650

### Spending Affordability Guidelines

On February 2, 2010, the Council revised its spending affordability assumptions for bonds in line with the County Executive's assumptions in the Recommended FY11-16 CIP.

**Table #4  
General Obligation Bonds Spending Affordability Assumptions (in \$Millions)**

	FY11-16	FY11	FY12	FY13	FY14	FY15	FY16
<b>Approved Spending Affordability</b>							
Total Funds Available	2,358.095	388.879	419.405	407.009	394.196	381.031	367.575
Total Funds Programmed	2,169.204	378.641	406.889	396.842	358.446	327.333	301.053
Set-Aside (not yet programmed)	188.891	10.238	12.516	10.167	35.750	53.698	66.522
<b>Assumptions</b>							
Council Approved Bond Limits	1,950.00	325.00	325.00	325.00	325.00	325.00	325.00
implementation rate =		84.0%	84.0%	84.0%	84.0%	84.0%	84.0%
inflation =		2.50%	2.70%	3.00%	3.20%	3.40%	3.60%
PAYGO =		1.97	32.50	32.50	32.50	32.50	32.50
<b>MCPS Bond-Funded Request</b>	<b>964.78</b>	<b>175.44</b>	<b>181.04</b>	<b>143.34</b>	<b>161.31</b>	<b>151.26</b>	<b>152.39</b>
percent of total programmed	44.5%	46.3%	44.5%	36.1%	45.0%	46.2%	50.6%

As shown above, if fully funded, the MCPS bond-funded request would take up about 45% of all bond capacity in the CIP. This compares to about 40% for the Approved FY09-14 CIP approved two years ago. Six-year bond funded programming overall is recommended to increase by about \$400 million from two years ago (about a 22 percent increase), with about \$252 million of that increase (63%) recommended for MCPS. Therefore, MCPS share of G.O. Bond funding is becoming a larger and larger share of the overall pie.

### PART III: MACRO ISSUES

#### Enrollment

Enrollment changes are one of the biggest drivers of both the Operating Budget and CIP for MCPS. On the CIP side, enrollment increases projected for schools drive the need for additional classrooms and core space improvements.

The Education Committee received an update on enrollment and demographics on January 14. Some of the major points from that presentation are noted below.

- Official enrollment for the 2009-10 schoolyear is 141,777 students. This is 1,501 students more than 2008-09 and 1,277 more than was projected for 2009-10 at this time last year.
- Elementary enrollment is expected to climb sharply during the six-year period and then plateau. Middle school enrollment is climbing and is expected to continue to climb beyond the six-year period as the bump in elementary school enrollment ages out. High school enrollment is declining slightly but is expected to pick up again beyond the six-year period.
- Birth rates have remained at historically high levels over the past 8 years (13,681 in 2008) and are a major reason for the continued increases in elementary school enrollment.
- Overall enrollment is expected to climb past 148,000 (a gain of nearly 6,300 more students) through FY16.

These enrollment trends are putting increased pressure on different school areas in terms of school space needs over the next six years.

Also, MCPS is still working to address the capacity needs of programmatic initiatives (such as class size reduction and the expansion of Full-Day Kindergarten countywide). Many schools accommodated these programs initially with relocatable classrooms. As MCPS plans additions and modernizations, these programmatic needs are assumed to be addressed through permanent classroom space.

### **Annual Growth Policy**

The schools test within the Annual Growth Policy test looks at projected enrollment and capacity in the 6<sup>th</sup> fiscal year of the CIP period (September 2015 for the FY11-16 CIP) in 25 high school clusters at each school level (elementary, middle, and high school). For purposes of the test, the Northeast Consortium schools and the Downcounty Consortium schools are divided into the home high school areas.

There are three categories a cluster falls into within the school test:

- **Cluster utilization is at 105 percent or below at each of the three school levels:** The cluster passes the test.
- **Cluster utilization is between 105 percent and 120% at one or more school levels:** The Planning Board may approve a residential subdivision if the developer commits to pay a school facilities payment.
- **Cluster utilization is above 120% at one or more school levels:** The Planning Board must not approve a residential subdivision in that cluster during the upcoming fiscal year.

Currently, the Clarksburg cluster is under moratorium because of projected overutilization beyond 120% at the middle school level in September 2014. Three other clusters (B-CC, Northwest, and Seneca Valley) would also have fallen into moratorium but the Council approved “solution” projects on December 1, 2009. These projects provided placeholder dollars for classroom space in the outyears of the CIP that added sufficient capacity to keep these clusters out of moratorium pending review and approval of the FY11-16 CIP this spring.

With regard to the FY11-16 CIP period which begins July 1, 2010, the following chart shows which clusters would fail one or both tests based on the Board of Education’s Proposed CIP.

**Summary of School Test for FY 2011 - Preliminary**  
 Based on Board of Education Requested FY 2011–2016 CIP  
 Would Be Effective July 1, 2010

School Test Level	Description	Cluster Outcomes by Level		
		Elementary Inadequate	Middle Inadequate	High Inadequate
<u>Clusters over 105% utilization</u>  School facility payment required in inadequate clusters to proceed.	5-year test Effective July 1, 2010  Test year 2015-16	B-CC (108.6%) Northwest (119.1%) Northwood (118.8%) Paint Branch (105.5%) Quince Orchard (111.7%) Rockville (114.2%)	B-CC (114.9%) Richard Montgomery (117.0%)* Northwest (105.6%) Whitman (107.8%)	Wootton (107.8%)
<u>Clusters over 120% utilization</u>  Moratorium required in clusters that are inadequate.	5-year test Effective July 1, 2010  Test year 2015-16	Richard Montgomery (126.5%)		

\* Richard Montgomery cluster middle school utilization is at 117%. This would ordinarily require a school facility payment. However, since the cluster is in moratorium at the elementary school level, no development approvals will be possible.

The Richard Montgomery Cluster is the only cluster assumed to go into moratorium (because of elementary school overutilization above 120%). A number of other clusters fall within the school facility payment category. Capacity issues in individual clusters are discussed in more detail later when looking at specific addition projects.

With regard to the Richard Montgomery cluster, there are several potential addition projects that could come on-line by September 2015. An addition for Ritchie Park ES is currently in facility planning. Two other elementary schools (Beall ES and Twinbrook ES) are recommended for facility planning in FY11. Assuming typical addition schedules, the Ritchie Park ES addition could open as soon as August 2014. The Beall and Twinbrook ES additions could be completed by August 2015.

Assuming current enrollment projections, an additional 120 seats (equivalent to about 5 classrooms) would bring the cluster below the 120% threshold. An additional 215 seats would bring the cluster below the 105% threshold.

**Given that additional capacity is likely to come on line in time to address the Richard Montgomery Cluster schools test issue but that no specific elementary school capacity project in this cluster is ready for inclusion in the CIP at this time, Council Staff recommends that a cluster solution project for the cluster be approved by the Council for the FY11-16 CIP. A draft PDF is attached on ©21 that includes placeholder dollars for an 8 classroom addition that would put the cluster within the 105 to 120 percent AGP test range.**

**State Aid Assumptions**

The following table presents the County Executive’s recommended State aid assumptions compared to the current approved assumptions.

**Table 5: State Aid Assumptions (in 000s)**

	Six-Year	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16
FY09-14 Amended	241,661	53,311	28,350	40,000	40,000	40,000	40,000	40,000	40,000
CE Recommended	230,000			30,000	40,000	40,000	40,000	40,000	40,000
change	(11,661)			(10,000)	-	-	-	-	-

State aid assumed for FY11 is \$30 million (\$10.0 million less than assumed for FY11) in the Approved CIP. FY12 through FY16 remain unchanged at \$40 million per year.

**State Aid History:** Each year, the County submits a State aid request to the Interagency Committee for State Public School Construction (IAC). This request is for State aid for individual school projects, modernizations, roof, and HVAC replacement, educational technology, relocatable classrooms, and other projects. The following chart presents requested and approved State aid amounts over the past 15 years:

**Table 6: State Aid\* History (in millions)**

Fiscal Year	Requests		Approved		MC % of Total
	MC	State-Wide	MC	State-Wide	
FY06	\$126.3	592.7	\$30.4	251.1	12.1%
FY07	\$125.2	730.4	\$40.1	320.5	12.5%
FY08	\$134.0	893.8	\$52.3	401.3	13.0%
FY09	\$132.7	871.4	46.3	333.4	13.9%
FY10	\$113.8	765.9	28.4	266.7	10.7%
FY11	\$139.1	710.9	N/A	250.0	

\*does not include QZAB awards

As shown in the chart, approved aid is far below requested levels. Also, over the past several years, Montgomery County’s school construction funding has declined both in actual dollars and as a percentage of the total state-wide allocation.

**FY11 Assumptions:** On November 20, the Council approved a resolution supporting MCPS’ request for \$139.1 million in State aid for school construction. This amount is far greater than in past years, reflecting the fact that many previously deferred projects are now in construction or moving into construction.

In December, the IAC made recommendations to the Board of Public Works for allocating \$187.5 million in State aid for school construction. For Montgomery County, the IAC recommended \$20.060 million.

The Governor’s FY11 Capital Budget assumes \$250 million statewide for school construction, leaving \$62.5 million unallocated by the IAC at this time. To meet the County Executive’s budget assumption of \$30 million, the County will need to increase the current IAC recommended allocation by \$10 million from this unallocated balance. However, with requests across the entire state totaling \$710.9 million, the competition for any additional dollars is heavy.



The final State-wide allocation for school construction dollars will be known once the State legislative session concludes. Final allocations by county are determined by the Board of Public Works in late April or early May.

**Given recent history, Council Staff believes the County Executive's \$30 million budget assumption for FY11 is reasonable (and certainly more reasonable than the \$40 million previously assumed).**

### School Construction Costs

A major driver of large increases in the MCPS CIP in past years has been school construction costs. However, because of the weak economy over the past couple of years, MCPS has experienced a significant decline in construction costs in certain projects and as a result has adjusted some project costs accordingly in the FY11-16 CIP. The following chart presents the individual schools which are showing significant total project cost reductions.

**Table 7: Proposed Cost Reductions in Individual School Projects**

Project	Total Project Cost (in 000s)			% Change
	Current	Proposed	Change	
<b>Individual Schools</b>				
East Silver Spring ES Addition	12,298	11,798	(500)	-4.1%
Fox Chapel ES Addition	12,331	7,205	(5,126)	-41.6%
Harmony Hills ES Addition	9,849	7,749	(2,100)	-21.3%
Jackson Road ES Addition	11,036	9,191	(1,845)	-16.7%
Montgomery Knolls ES Addition	11,511	11,253	(258)	-2.2%
Rock View ES Addition	8,105	7,370	(735)	-9.1%
Sherwood ES Addition	7,447	4,947	(2,500)	-33.6%
Takoma Park ES Addition	15,592	11,592	(4,000)	-25.7%
Whetstone ES Addition	8,926	7,633	(1,293)	-14.5%
<b>Total</b>	<b>97,095</b>	<b>78,738</b>	<b>(18,357)</b>	<b>-18.9%</b>

NOTE: No changes in scope or timing are assumed from these reductions

A number of modernizations are also assumed to have total project cost reductions. Some of the larger reductions are presented in the following table:

**Table 8: Proposed Cost Reductions in Selected Modernization Projects**

Project	Total Project Cost (in 000s)			% Change
	Current	Proposed	Change	
<b>Current Mods*</b>				
Cabin John MS	44,072	38,572	(5,500)	-12.5%
Paint Branch HS	111,495	96,495	(15,000)	-13.5%
Garrett Park ES	28,266	25,016	(3,250)	-11.5%
Herbert Hoover MS	52,568	47,930	(4,638)	-8.8%
Candlewood ES	25,910	20,034	(5,876)	-22.7%
Rock Creek Forest ES	28,877	24,465	(4,412)	-15.3%
William Farquhar MS	53,066	47,798	(5,268)	-9.9%
Wheaton HS	108,351	91,187	(17,164)	-15.8%

NOTE: No changes in scope or timing are assumed from these reductions

MCPS is still experiencing cost pressures in its systemic projects stemming from continued increases in equipment and material costs, code updates and new regulations, and a

need to increase the pace of work because of aging infrastructure. Specific systemic projects are discussed later in this memorandum.

### **Prioritization of Projects**

The Council's CIP process involves separate Committee and Council review of all of the Agency CIPs in February and March followed by a final reconciliation process in early May that must balance all of the Council's expenditure recommendations by fiscal year with spending affordability assumptions (for G.O. bonds for instance) and with Operating Budget assumptions (current revenue funding and PAYGO).

**In order to avoid surprises later and to ensure that the Committee and MCPS priorities are considered, Council Staff will present some ideas for Committee consideration as to which projects may be subject to deferral or reduction if expenditure changes are required at reconciliation.**

During the Committee review of MCPS' capital projects two years ago, Council Staff suggested a way to categorize projects to assist in the prioritization of projects:

1. Identify critical health and safety projects (or portions within projects).
  2. Review capacity-related projects not yet under construction and consider the projected short and long-term utilization rates at the school, in the cluster, and at neighboring schools to see which capacity projects are more urgent than others. Another factor to take into account when considering addition projects is whether relocatable classrooms are a feasible short-term solution or not (see ©8 for list of relocatable classrooms in place during the FY09-10 schoolyear).
  3. Capital Maintenance projects: Some level of minimum funding in these projects would fall within critical health and safety. However, MCPS is seeking substantial increases in many systemic projects for the FY11-16 CIP. While some ramp up is necessary to keep up with aging infrastructure, a portion of the increases in some of these projects may warrant consideration for deferral depending on fiscal needs.
  4. Modernizations: already prioritized. However, as noted earlier, a modernization may also include additional capacity.
  5. Gymnasium project: This project is winding down (with spending concluding in FY12. However, new gymnasiums not linked to other construction work at a school (such as an addition or modernization) may be candidates for deferral.
- Other: This category would include anything not already covered.

### **PART IV: REVIEW OF PROJECTS**

***NOTE: As in past years, with the exception of projects already under construction, projects that are initially reviewed and recommended for approval as proposed may be subject to reconciliation in May. This reconciliation may involve technical adjustments (not affecting scope or timing), or may involve substantive changes to projects.***

### **Individual School Projects Under Construction**

The projects shown on the following chart have no change in scope or timing AND are under construction:

**Table 9: Individual School Projects Under Construction**

Project Name	6 Year	FY11	FY12	FY13	Comment
Brookhaven ES Addition	5,125	3,634	1,491		8 classroom addition under construction, to open in August 2011, fully appropriated.
East Silver Spring ES Addition	3,215	3,215			8 classroom addition under construction, to open in August 2010. Costs reduced by 500k due to favorable construction prices.
Fairland ES Addition	4,789	3,353	1,436		9 classroom addition under construction, to open in August 2011, fully appropriated.
Fox Chapel ES Addition	4,380	4,018	362		10 classroom addition under construction, to open in August 2011. Costs reduced by \$4.8 million due to favorable construction prices.
Gibbs Jr. ES (Clarksburg ES #8)	2,400	2,400			737 seat elementary school opened in September 2009, fully appropriated.
Harmony Hills ES Addition	5,979	2,467	2,308	1,204	9 classroom addition under construction, to open in January 2012. Costs reduced by \$2.1 million due to favorable construction prices.
Jackson Road ES Addition	4,838	2,968	1,870		11 classroom addition under construction, to open in August 2011. Costs reduced by \$2.845 million due to favorable construction prices.
Montgomery Knolls ES Addition	8,584	4,046	2,491	2,047	10 classroom addition under construction, to open in January 2012. Costs reduced by \$258k due to favorable construction prices.
Northwood HS Reopening	4,216	4,216			Final phase of work, site improvements to be completed by August 2010.
Poolesville HS Magnet Improvements	944	944			An FY10 transfer of \$556k was approved out of this project in September 2009.
Redland MS Interior Modifications	6,666	4,666	2,000		Work to be completed by August 2010
Rock View ES Addition	5,527	4,331	1,196		8 classroom addition under construction, to open in August 2011. Costs reduced by \$735k due to favorable construction prices.
Sherwood ES Addition	2,470	2,470			8 classroom addition under construction, to open in August 2010. Costs reduced by \$2.5 million due to favorable construction prices.
Takoma Park ES Addition	-				16 classroom addition under construction, to open in August 2010. Costs reduced by \$4.0 million due to favorable construction prices.
Whetstone ES Addition	5,236	2,857	2,379		10 classroom addition under construction, to open in August 2011. Costs reduced by \$919k due to favorable construction prices.
<b>Totals</b>	<b>64,369</b>	<b>45,585</b>	<b>15,533</b>	<b>3,251</b>	

**Council Staff recommends approval of these projects as proposed.**

**Approved Individual School Projects Not Yet Under Construction**

There are three approved projects for which MCPS is requesting a construction appropriation for FY11 as shown in the following chart and described separately below.

**Table 10: Approved Individual School Projects Not Yet Under Construction**

Project Name	6 Year	FY11	FY12	FY13	Comment
Ridgeview MS Interior Modifications	5,658	3,533	2,125		New Scope. Work to be completed by August 2012.
Seven Locks ES Addition/Modernization	19,942	12,290	7,652		4 - 8 classroom addition to open in January 2012. Construction appropriation requested.
Downcounty Consortium ES #29 (McKenney Hills) - within RROCS	31,008	8,680	12,826	9,502	642 seats to open in FY13
<b>Totals</b>	<b>19,942</b>	<b>12,290</b>	<b>7,652</b>	<b>-</b>	

**Seven Locks ES Addition/Modernization**

	Total	Through FY08	Total 6 Years	FY09	FY10	FY11	FY12
<b>FY09-14 Approved</b>	<b>20,950</b>	<b>1,379</b>	<b>19,571</b>	414	552	11,014	7,591
<b>FY11-16 BOE Proposed</b>	<b>22,287</b>	<b>1,379</b>	<b>19,942</b>	414	552	12,290	7,652
change from approved	1,337		371		-	1,276	61
percent change from approved	6.38%		1.90%				

The Seven Locks ES Addition/Modernization (see PDF on ©30) has the same scope and timing (4-8 classroom addition to open in January 2012) as approved in FY09-14. Project costs are up slightly from two years ago (6.4 percent).

**This project is consistent with the approved modernization schedule and provides additional capacity within the Churchill cluster. Council Staff recommends approval as proposed.**

**Ridgeview MS Improvements**

	Total	Through FY08	Total 6 Years	FY09	FY10	FY11	FY12
<b>FY09-14 Approved</b>	<b>7,866</b>	<b>1,201</b>	<b>6,665</b>	3,493	3,172		
<b>FY11-16 BOE Proposed</b>	<b>13,524</b>	<b>1,201</b>	<b>5,658</b>	3,493	3,172	3,533	2,125
change from approved	5,658		(1,007)		-	3,533	2,125
percent change from approved	71.93%		-15.11%				

The Ridgeview project (see PDF on ©29), first approved 4 years ago has had a first phase of work completed. The FY11 and FY12 dollar involve work identified in a second feasibility study completed subsequent to the Approved FY09-14 CIP. This second phase of work would be completed by August 2012.

According to the PDF, this new work will include: reconfiguration of the administration suite, decentralization of the locker banks, renovation of the existing science laboratories, and major enhancements to the HVAC system.

Given that much of the work identified to be done in this second phase had originally been included in the initial phase of work but was deferred two years ago due to fiscal constraints, Council Staff is supportive of including this work now. However, Council Staff believes that if reconciliation in May requires some adjustments in the MCPS CIP, that the new expenditures in this project may be considered for deferral again.

Downcounty Consortium ES #29 (McKenney Hills) - Subproject in RROCs

	Total	Through FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13
FY09-14 Approved	28,523		28,523	642	9,549	15,858		2,474
FY11-16 BOE Proposed	31,650		31,008	642	8,680	12,826		9,502
change from approved	3,127		2,485	-	(869)	(3,032)		
percent change from approved	10.96%		8.71%					

The Downcounty Consortium ES #29 is a subproject (see PDF on ©27) within the Rehab/Renovation of Closed Schools project. Design and construction dollars were programmed for this work two years ago with an expected completion date of August 2012. MCPS has completed its design work and is now seeking an appropriation for construction. The total project has increased by approximately 11 percent since first included in the CIP two years ago.

**The project is sorely needed to relieve severe overcrowding at Oakland Terrace as well as Woodlin ES. Council Staff's analysis of the capacity issue is provided on ©X.**

Councilmembers have heard from constituents concerned about the crowded conditions at the school, and also concerned about possible plans to alleviate overcrowding in the two year interim while McKenney Hills is under construction. This decision is within the jurisdiction of the Board of Education.

The Board of Education held a worksession on February 22 on the Superintendent's proposal to establish a satellite location for some Oakland Terrace students at Sligo Middle School. The plan would relocate kindergarten classes from Oakland Terrace for the 2010-2011 and 2011-2012 school years. The plan does not require relocatables or capital funds to accomplish, works to minimize interaction between the elementary and middle school students, and addresses transportation and other logistical issues. The Superintendent recommended that additional support staff (an assistant principal, school secretary, and paraeducator) will be necessary to implement the plan, but also recommended that these resources be budget neutral overall.

The Board is scheduled to hold a public hearing on this and other recommendations on March 3 at 7 pm, and take final action on Tuesday March 9.

**Council Staff recommends approval of this RROCs subproject as transmitted by MCPS. Note: The other RROCs subprojects are scheduled for review by the Committee on March 11.**

All of the other individual school projects are new schools and additions and are discussed in the Capacity section of this memorandum.

## **Capacity Review**

The following chart presents FY16 utilization rates by cluster along with the ongoing and new projects in that cluster:

**Summary of FY16 Utilization Rates by Cluster and Projects (Based on BOE Request)**

	ES	MS	HS	Comments (new projects in bold)
B-CC	108.6%	114.9%	104.0%	<b>New Westbrook ES addition (+344 seats in FY14)</b> , Somerset ES addition (+90 seats in FY11), Rock Creek Forest ES Mod (in FP), Comprehensive ES capacity review underway. Westland MS will be overcapacity by 155 seats in FY16.
Churchill	96.6%	89.1%	98.9%	Seven Locks ES Mod (+159 seats in FY12) Beverly Farms ES Mod (+112 seats in FY13), Potomac ES and Wayside ES Mods in FP, Hoover MS Mod (+170 seats in FY14)
Clarksburg	96.2%	73.2%	100.4%	<b>New ES (+740 seats in FY14)</b> , Addition at Fox Chapel ES (+238 seats in FY12) <b>C/D MS (+988 seats in FY16)</b> , <b>HS addition (+405 seats in FY15)</b>
Damascus	92.5%	90.7%	85.5%	<b>C/D MS (+988 seats in FY16)</b>
<b>Downcounty Consortium</b>				
Blair	93.0%	93.2%	88.6%	Numerous Mods and Additions already approved in the various clusters. Wheaton HS Mod (+? In FY16) could possibly relieve Northwood.
Einstein	96.4%	90.2%	101.5%	
Kennedy	92.7%	88.6%	84.3%	
Northwood	118.8%	84.6%	97.2%	
Wheaton	102.5%	94.1%	90.7%	
Gaithersburg	99.5%	93.5%	85.3%	HS Mod (+292 seats in FY14)
Walter Johnson	100.6%	95.0%	97.4%	Farmland ES Mod (+112 seats in FY12), Garrett Park ES Mod (+184 seats in FY12), <b>Wyngate ES Addition (+299 seats in FY14)</b>
Magruder	97.8%	71.5%	87.4%	Candlewood ES Mod (+136 seats in FY15)
R. Montgomery	126.5%	117.0%	94.3%	No capacity projects or Mods programmed for completion. Additions at Beall ES, Ritchie Park ES, and Twinbrook ES in FP.
<b>Northeast Consortium</b>				
Blake	100.3%	89.5%	103.7%	Numerous Mods and Additions already approved in the various clusters. Paint Branch Mod (+347 seats in FY13). Farquhar MS Mod (+? seats in FY16).
Paint Branch	105.5%	98.2%	94.8%	
Springbrook	94.9%	94.5%	76.6%	
Northwest	119.1%	105.6%	102.3%	<b>Darnestown ES Addition (+182 seats in FY14)</b> <b>ES Capacity study.</b>
Poolesville	69.1%	49.6%	98.2%	No projects. <b>Monocacy ES enrollment issue to be studied</b>
Quince Orchard	111.7%	84.3%	101.5%	Brown Station ES Mod (+? seats in FY17)
Rockville	114.2%	99.9%	86.7%	Maryvale ES Mod (+? seats in FY18)
Seneca Valley	104.1%	82.0%	89.5%	HS Mod (+? seats in FY17), <b>Waters Landing ES Addition (+237 seats in FY14)</b>
Sherwood	85.1%	76.4%	89.3%	Farquhar MS Mod (+? seats in FY16)
Watkins Mill	94.9%	98.5%	85.7%	Whetstone ES Addition (+223 seats in FY12)
Whitman	104.1%	107.8%	97.7%	<b>ES Capacity Study, Bradley Hills ES Addition (+296 seats in FY14)</b>
Wootton	93.7%	94.4%	107.8%	HS Mod (+? seats in FY19), Cabin John MS Mod (+239 seats in FY12)

As mentioned earlier, a number of clusters are experiencing utilization rates between 105% and 120%. Only one, Richard Montgomery, exceeds 120%. However, many individual schools are seeing utilization rates far higher and if space is not available in adjacent schools and enrollment is expected to remain high or even keep going up, then permanent space is often the only viable solution.

**New Classroom Addition Projects**

The Board of Education's FY11-16 Proposed CIP includes a number of new classroom addition projects to add approximately 4,165 classroom seats. These projects are presented on the following chart. PDFs for these projects are attached on ©22-35.

Newly Requested Classroom Addition Projects								
Project Name	6 Year	FY11	FY12	FY13	FY14	FY15	FY16	Comment
Bradley Hills ES Addition	14,249	585	4,065	3,894	5,705			New: 4 classroom addition to open in August 2013
Clarksburg ES (Clarksburg Village Site #1)	27,966	784	8,389	7,673	11,120			New: 740 seat school to open in August 2013
Clarksburg HS Addition	12,015	-	469	3,449	3,262	4,835		New: 18 classroom addition to open in August 2014
Clarksburg/Damascus MS	44,348			1,397	13,349	12,138	17,464	New: 988 seat school to open in August 2013
Darnestown ES Addition	11,100	466	3,022	3,069	4,543			New: 10 classroom addition to open in August 2013
Geogian Forest ES Addition	10,620	449	2,888	2,924	4,359			New: 14 classroom addition to open in August 2013
Somerset ES Addition	1,516	1,380	136					New: 4 classroom addition build-out to open during the 2010-11 school year
Viers Mill ES Addition	11,177	477	2,870	3,092	4,738			New: 14 classroom addition to open in August 2013
Waters Landing ES Addition	8,827	268	3,626	3,487	1,446			New: X classroom addition to open in August 2013
Westbrook ES Addition	11,805	497	3,180	3,244	4,884			New: 15 classroom addition to open in August 2013
Wyngate ES Addition	10,230	439	2,975	2,772	4,044			New: 15 classroom addition to open in August 2013
<b>Totals</b>	<b>163,853</b>	<b>5,345</b>	<b>31,620</b>	<b>35,001</b>	<b>57,450</b>	<b>16,973</b>	<b>17,464</b>	

Council Staff did a detailed capacity analysis for each project (see ©62-64). All of the projects have compelling capacity needs. At issue is whether the Council will be able to accommodate all of the requests on the schedule requested by the Board of Education when the Council reconciles the CIP in early May. As mentioned earlier with regard to the Annual Growth Policy test, some of these projects are needed to avoid a cluster going into moratorium. However, some projects could be deferred a year or two and still be completed in time for the additional capacity to factor into the AGP test (which counts any capacity scheduled to come on line by September 2015).

**For the March 11 Committee meeting, Council Staff will further group these projects in terms of highest priority. While all have merit, some project schedules may have to be reconsidered for fiscal reasons in May.**

Also at the March 11 meeting, Council Staff will provide information on the modernization projects which are expected to add significant capacity.

**Countywide Projects (PDFs attached on ©44-59)**

MCPS staff reports that the decreased construction costs currently affecting capacity building projects are not being realized in the countywide systemic projects. The Board has requested increases in many of the countywide projects due to inflationary cost increases, increased scope of work, and in some cases increased level of effort.

Council staff acknowledges the backlog of systemic projects in MCPS and the need to move as quickly as possible to maintain and improve critical system elements. However, in the current fiscal environment, Council staff suggests that some of these projects may be reasonable



areas for reductions, if savings are necessary later in the budget process to reconcile agency budgets within affordability guidelines.

**CIP positions:** The requested CIP reflects a net increase of 4 new positions, identified in the project reviews below. The CIP includes funding for a total of 94 workyears across 7 projects. The Board’s request also provides salary step and COLA increases for the positions. Council staff notes that these salary increases may need to be adjusted at reconciliation once compensation issues have been finalized for all County agencies.

### Countywide Projects with Inflationary Cost Increases

The Board’s recommendation reflects a 10% increase for the following projects. MCPS states that this is due to inflationary cost increases in materials and equipment, as well as some changes to codes and regulations (©37). **Council staff recommends approval as requested of the following four projects:**

	6 Years	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16
<b>Asbestos Abatement: MCPS</b>									
- FY11-16 Board Request	6,870			1,145	1,145	1,145	1,145	1,145	1,145
- FY09-14 Approved	6,246	1,041	1,041	1,041	1,041	1,041	1,041		
change from approved	624			104	104	104	104		
percent change from approved	10%								
<b>Energy Conservation: MCPS</b>									
- FY11-16 Board Request	12,342			2,057	2,057	2,057	2,057	2,057	2,057
- FY09-14 Approved	11,220	1,870	1,870	1,870	1,870	1,870	1,870		
change from approved	1,122			187	187	187	187		
percent change from approved	10%								
<b>Fire Safety Code Upgrades</b>									
- FY11-16 Board Request	4,902			817	817	817	817	817	817
- FY09-14 Approved	4,458	743	743	743	743	743	743		
change from approved	444			74	74	74	74		
percent change from approved	10%								
<b>Roof Replacement: MCPS</b>									
- FY11-16 Board Request	38,808			6,468	6,468	6,468	6,468	6,468	6,468
- FY09-14 Approved	35,280	5,880	5,880	5,880	5,880	5,880	5,880		
change from approved	3,528			588	588	588	588		
percent change from approved	10%								

### Design and Construction Management

	6 Years	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16
<b>Design and Construction Management</b>									
- FY11-16 Board Request	29,400			4,900	4,900	4,900	4,900	4,900	4,900
- FY09-14 Approved	27,000	4,500	4,500	4,500	4,500	4,500	4,500		
change from approved	2,400			400	400	400	400		
percent change from approved	9%								

This project funds 41 positions essential for implementation of the multiyear CIP. Personnel provide project administration, in-house design, and engineering services in the Department of Facilities Management and the Division of Construction. The Board’s request shifts three conditional, non-permanent positions approved in FY10 from the HVAC project to this project, resulting in a total of 44 workyears. **Council staff recommends approval as requested by the Board of Education.**

### Planned Asset Lifecycle Replacement (PLAR)

	6 Years	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16
<b>Planned Lifecycle Asset Repl.: MCPS</b>									
- FY11-16 Board Request	36,978			6,163	6,163	6,163	6,163	6,163	6,163
- FY09-14 Approved	27,407	4,897	5,442	4,267	4,267	4,267	4,267		
change from approved	9,571			1,896	1,896	1,896	1,896		
percent change from approved	35%								

MCPS reports that the Board's requested increase is primarily due to the inflationary factors described above, as well as some additional regulatory mandates ©37. MCPS states that the same number of projects will be completed as in the previous CIP level of funding. In the summer of 2009, MCPS completed 283 PLAR projects.

In addition, the Board's request adds a position to manage the playground renovation project and to centralize asphalt and concrete project development and management duties. The position is a Contract Assistant II. Given that the scope of work appears to be unchanged, the Committee may want to discuss the new position with MCPS. **Council staff recommends approval of the level of effort as requested by the Board of Education.**

### School Gymnasiums

School Gymnasiums	6 Years	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16
- FY11-16 Board Request	11,325			6,825	4,500				
- FY09-14 Approved	27,573	9,053	2,820	7,325	7,550	825			
change from approved	(16,248)			(500)	(3,050)	(825)			
percent change from approved	-59%								

The Board's recommendation would complete funding for this project which provides for the construction of gymnasiums at the remaining elementary schools without gymnasiums. The request is a reduction because the project is nearing completion in FY12, as previously anticipated. Seven gyms remain; the PDF states that four will be constructed with the FY11 appropriation and three in FY12. **Council staff recommends approval as requested by the Board of Education.**

### School Security Systems

School Security Systems	6 Years	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16
- FY11-16 Board Request	7,000			1,500	1,500	1,500	1,500	500	500
- FY09-14 Approved	9,000	1,500	1,500	1,500	1,500	1,500	1,500		
change from approved	(2,000)								
percent change from approved	-22%								

This project provides for the systemic upgrading of security systems at school facilities. For FY09-14, the Council approved an increase in the funding level for an initiative to: design and install closed circuit TV cameras in all middle schools; complete the replacement of outdated analog camera systems at all high schools; install a visitor management system at all schools; and install a visitor access system at elementary schools.

The Board's request continues this funding through FY14, as originally anticipated. The request for FY15 and FY16 returns to the previously approved level of effort, resulting in the overall reduction in funds for this project. **Council staff recommends approval as requested by the Board of Education.**

### Improved Safe Access to Schools

Improved (Safe) Access to Schools	6 Years	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16
- FY11-16 Board Request	2,400			1,200	1,200				
- FY09-14 Approved	7,200	1,200	1,200	1,200	1,200	1,200	1,200		
change from approved	(4,800)					(1,200)	(1,200)		
percent change from approved	-67%								

This project funds improvements to both pedestrian and vehicular access to schools. Projects are developed through coordination with the School Transportation Efficiency Planning (STEP) Committee. This committee includes representatives from MCPS, DOT, M-NCPPC, Fire and Rescue, Police, OMB, and others.

This project has previously been included as a level of effort project, with funds shown in each year. The Board’s current request includes funds only for FY11 and FY12, and removes funding from the rest of the CIP, resulting in the overall reduction for the project. MCPS states (©40) that this is because safe access projects are identified on an annual basis.

Council staff is concerned about removing funds and capacity from the outyears given the near certainty that this project will continue to have recommended improvements. While specific projects may be identified year to year, there is an established, multi-agency structure for annually reviewing needs and generating improvements. In addition, these projects are hardly discretionary, and it is unlikely that identified safe access projects would not receive funding at some level. **Council staff recommends funding the project at the previous level of effort for the full six-year period.**

**Projects with Increased Level of Scope or Effort**

**HVAC Replacement: MCPS**

HVAC Replacement: MCPS	6 Years	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16
- FY11-16 Board Request	95,000			15,000	20,000	15,000	15,000	15,000	15,000
- FY09-14 Approved	38,775	6,375	10,000	5,600	5,600	5,600	5,600		
change from approved	56,225			9,400	14,400	9,400	9,400		
percent change from approved	145%								

This project provides for the systematic replacement of heating, ventilating, air conditioning, automated temperature controls, and plumbing systems for MCPS. The Council approved an FY10 capital budget appropriation and CIP amendment to increase this project by \$4.4 million, bringing the FY10 total to \$10 million. The Board’s request increases the level of effort further, to \$15 million across the six-year period with \$20 million requested in FY12. The PDF on ©50 lists the schools identified for HVAC replacement in FY11.

MCPS has previously noted the extensive backlog of HVAC projects, and the priority that the school system places on these replacements. On ©38 MCPS also explains that while large HVAC projects are experiencing lower bid costs, smaller projects are not. MCPS also states that there are more small than large projects in this CIP project, which means that significant project savings have not been realized.

The Board’s request would accomplish a total of 71 projects over the six-year period. MCPS states that if this project were funded at the approved level, it would represent a 60 percent decrease in the level of effort from the request.

**Council staff acknowledges the backlog of projects in this critical systems area, and supports the request to increase the level of effort in this project.** However, this is an area which could be reduced if savings are necessary during budget reconciliation. Given the significant increase requested, the Council could approve a smaller increase to achieve savings, and still increase the level of effort in the project from the current approved CIP.

## Restroom Renovations

Restroom Renovations	6 Years	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16
- FY11-16 Board Request	6,000			1,000	1,000	1,000	1,000	1,000	1,000
- FY09-14 Approved	1,964	1,040	924						
change from approved	4,036			1,000	1,000	1,000	1,000		
percent change from approved	205%								

This project was initiated in FY05 to provide needed modifications to specific areas of restroom facilities. The first phase of restroom renovations evaluated all schools that were built or renovated before 1985; this phase was completed in FY10 and addressed a total of 47 schools (list of completed renovations on ©61).

In FY10 MCPS conducted a second assessment for restroom renovations (detail on ©40). This assessment evaluated 110 schools, including holding facilities, all built or modernized between 1985 and 1999. The Board’s request includes 71 schools (list of proposed renovations on ©60). **Council staff recommends approval as requested by the Board of Education.** However, Council staff also suggests that this is a project that could be adjusted if necessary for reconciliation by reducing number of facilities accomplished in each year, which would extend the requested renovation schedule.

## Stormwater Discharge and Water Quality Management

Stormwater Discharge (and Water Quality) Management	6 Years	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16
- FY11-16 Board Request	3,772			704	604	616	616	616	616
- FY09-14 Approved	1,500	500	1,000						
change from approved	2,272			704	604	616	616		
percent change from approved	151%								

The Stormwater Discharge Management project has previously included funds to bring stormwater management facilities on school sites up to current standards. Once that work is complete, future maintenance is transferred to the County Department of Environmental Protection. In FY10, the Board requested funding and a CIP project for compliance activities related to various water quality permits and regulations. The Council approved \$410,000 for these efforts, which included some facility repair work, coordination with DEP for a site inventory, and MCPS staff training.

The Board’s FY11-16 request merges these two projects and recommends a level of funding for both across the six year period. MCPS has provided a detailed breakdown of the requested funding components on ©41 as well as an update on the permit activities initiated last year. Highlights include:

- Transfer of the stormwater facilities from MCPS to DEP is approximately 85 percent complete. A total of \$600,000 is requested in FY11-12 to complete these efforts.
- Facility upgrades for permit compliance are in progress.
- Stormwater pollution plans are in progress.
- The PDF requests one new position, an Environmental Specialist to manage the development, coordination, and implementation of the pollution prevention plans.

**Council staff recommends approval as requested by the Board of Education.**

## ADA Compliance

ADA Compliance: MCPS	6 Years	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16
- FY11-16 Board Request	8,000			2,000	1,200	1,200	1,200	1,200	1,200
- FY09-14 Approved	6,408	1,068	1,068	1,068	1,068	1,068	1,068		
change from approved	1,592			932	132	132	132		
percent change from approved	25%								

This project provides program accessibility for all MCPS activities and facilities when modifications or improvements are needed to existing buildings. MCPS states that the increase in FY11 is due to an elevator at Damascus Elementary School, and the increased level of effort throughout reflects increased costs and efforts to remediate polling places and high schools identified as emergency shelters (©38). **Council staff recommends approval as requested by the Board of Education.**

## Building Modifications and Program Improvements

Building Mod & Program Impr.	6 Years	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16
- FY11-16 Board Request	15,000			5,000	2,000	2,000	2,000	2,000	2,000
- FY09-14 Approved	13,000	4,000	4,000	5,000	-	-	-	-	-
change from approved	2,000			-	2,000	2,000	2,000		
percent change from approved	15%								

This project was first added to the CIP in FY07, and provides for improvements to schools that are not scheduled for capital improvements in the six-year period. The limited modifications are related to instructional and support spaces for new or expanded programs or administrative space.

For the two previous CIP cycles in which this project has been active, the Board of Education has requested funds for the imminent fiscal years and identified schools to receive projects. The Board's FY11-16 request would shift this project to a level of effort project with funding across the six years. The PDF states that "facility modifications in FY2012 and beyond will be determined based on the need for space modifications/ upgrades to support new or modified program offerings". MCPS reports (©39-40) that this change was made to reflect the "backlog of potential projects that could be addressed."

**Council staff does not support the request for this project to become a systemic level of effort project.** In Council staff's view, the work in this project is more discretionary than in other systemic projects that affect health, safety, and infrastructure. While there are no doubt many program improvements that would be desirable, they are more suited to yearly consideration within fiscal constraints than an expectation of continued funding.

In the FY09-14 CIP, the Board requested and the Council approved funds for three years, through FY11. The PDF (©46) lists the 15 schools included in the approved amount for these three years.

**Council staff recommends programming the FY11 expenditures totaling \$5 million only.** These have previously been identified and approved. No appropriation is requested for FY11 as the unencumbered appropriation already in the project is sufficient to cover these expenditures (and more). The Council can continue to review these projects on a year to year or multi-year basis as requested.

## **New Projects**

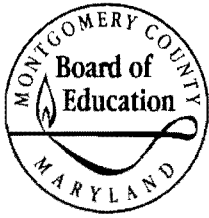
### **Clarksburg Depot Expansion Shady Grove Depot Replacement**

The Board of Education's CIP request includes two new projects, one for expanding the Clarksburg bus depot and one for replacing the Shady Grove bus depots and transportation headquarters. The projects both request planning dollars in FY16, \$2.046 million for Clarksburg and \$3.624 million for Shady Grove.

MCPS operates six bus depots. The Clarksburg depot is operating at 226 percent of design capacity, with 231 buses in a facility designed for 102 buses. The Shady Grove depots are together operating at 167 percent of design capacity, with 391 buses in a facility designed for 234 buses. Given the overutilization, planning for expansion in the outyears is warranted.

In addition, the County's proposed "Smart Growth" initiative will require moving both Shady Grove depots and the DOT headquarters off their current location. The requested timing of these planning funds is consistent with the timing of the County's efforts, and is necessary to ensure coordination of all facility planning. **Council staff recommends approval of the planning funds as requested by the Board of Education.**

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# **MONTGOMERY COUNTY BOARD OF EDUCATION**

850 Hungerford Drive ♦ Rockville, Maryland 20850

December 1, 2009

The Honorable Isiah Leggett  
Montgomery County Executive  
Executive Office Building  
101 Monroe Street  
Rockville, Maryland 20850

The Honorable Phil Andrews, President  
and Members of the Montgomery County Council  
Stella B. Werner Council Office Building  
100 Maryland Avenue  
Rockville, Maryland 20850

Dear Mr. Leggett, Mr. Andrews, and Members of the Montgomery County Council:

At its November 19, 2009, meeting, the Board of Education approved the Requested FY 2011 Capital Budget and the FY 2011–2016 Capital Improvements Program (CIP) for Montgomery County Public Schools (MCPS). Enclosed is a copy of the Board of Education resolution requesting an FY 2011 Capital Budget appropriation of \$175,262,000 and an FY 2011–2016 CIP totaling \$1,493,818,000 (Action Item 4.0, as adopted). The Board of Education is requesting \$139,127,000 from the state as its share of the FY 2011 Capital Budget.

The Board of Education's Requested FY 2011 Capital Budget and the FY 2011–2016 CIP includes the expenditure requests for the six-year planning period and provides the requested FY 2011 Capital Budget appropriation authority for funds needed to implement the CIP during the fiscal year that begins July 1, 2010, and ends June 30, 2011. Fiscal Year 2011 is the first year of the biennial CIP review process. In accordance with the Montgomery County charter, all CIP projects are considered in odd-numbered fiscal years; therefore, this requested CIP will receive a full review by the county executive and the County Council.

As noted in the Superintendent's Recommended FY 2011 Capital Budget and FY 2011–2016 CIP, Montgomery County continues to face fiscal constraints and projected revenue shortfalls; however, like the superintendent of schools, the Board believes that now is the time to take maximum advantage of significantly lower construction costs and lower interest rates for bond funding to address both our capital needs and our aging school facilities. If Montgomery County does not seize this opportunity to sell general obligation (GO) bonds to fund our much needed capital projects, construction costs within a few years may be thirty to forty percent more per square foot than today, and our staff and students at schools throughout the system once again will have to wait for their addition or modernization projects.

## **Enrollment**

For the 2009–2010 school year, MCPS continues to experience enrollment growth. The official September 30, 2009, enrollment is 141,777, an increase of 2,501 students from FY 2009. Almost the entire increase in enrollment over the past two years has been at the elementary school level, where MCPS currently has the greatest capacity shortages. To address the need for classroom capacity, we currently have 437 relocatable classrooms systemwide to provide seats for students who attend schools that are overutilized. Of the 437 relocatable classrooms, 386 are at elementary schools. In the coming year, additional relocatable classrooms are expected to be needed to address the projected growth. Funding included in the Requested FY 2011–2016 CIP will provide much needed addition projects to try to reduce the number of relocatable classrooms in use.

## **Requested CIP**

The Board of Education’s Requested FY 2011 Capital Budget and the FY 2011–2016 CIP total \$1.494 billion, an increase of \$223 million or 17.5 percent over the previously approved six-year plan. The request includes \$253.8 million in expenditures for FY 2011, an increase of \$35.2 million or 16.1 percent over the previously approved FY 2011 expenditures. The Requested FY 2011–2016 CIP includes funding to address critical capacity needs systemwide to continue the modernization program to address our aging schools and to provide additional funding to many countywide systemic projects to maintain our capital investment.

The Requested FY 2011 Capital Budget and the FY 2011–2016 CIP will maintain the completion dates for all individual school projects, modernizations, and systemic countywide projects as approved in the adopted CIP. The Requested FY 2011–2016 CIP includes funding for eight new elementary school additions and one new high school addition, funding for a new elementary school and middle school, increases to various countywide systemic projects, funding in the Facility Planning project to conduct the next round of Facilities Assessment with Criteria and Testing (FACT) assessments for modernizations, and funding to reopen two facilities for use as holding schools for school modernizations.

With respect to countywide projects, the Requested FY 2011 Capital Budget and the FY 2011–2016 CIP increases many of our systemic projects, such as Planned Life-cycle Asset Replacement (PLAR), Roof Replacement, ADA Compliance, and Asbestos Abatement to address the needs of buildings which we rely on for increasingly longer life spans. One countywide project—Heating, Ventilation, and Air-Conditioning (HVAC) (Mechanical Systems) Replacement—increased substantially to address the backlog of HVAC projects that directly affect our students, teachers, and administrators every day. Also, the Restroom Renovation project was expanded to provide additional funds for schools identified in the second round of assessments for this project. Finally, as our enrollment continues to grow, so does our need for additional buses to transport our students to school. Therefore, planning funds are recommended in the last year of the CIP to address the overutilization of the Clarksburg bus depot, as well as



the proposed relocation of the Shady Grove Depot as a result of the comprehensive relocation of county facilities that is part of the county's Smart Growth Initiative.

### **Capacity Issues**

The Board of Education's FY 2011 Capital Budget and the FY 2011–2016 CIP will continue to address capacity needs, especially at the elementary school level where, as previously stated, enrollment is on the rise. Of the \$223 million increase to the adopted CIP, \$91.5 million is for the following capacity projects: Bradley Hills, Darnestown, Georgian Forest, Somerset, Viers Mill, Waters Landing, Westbrook, and Wyngate elementary schools and Clarksburg High School. Also, the Requested FY 2011–2016 CIP includes funding for one new elementary school and one new middle school to address the overutilization in Clarksburg Cluster schools. These 11 projects total approximately \$163 million.

The Requested FY 2011–2016 CIP includes funding to provide additional capacity for four clusters—Bethesda-Chevy Chase, Clarksburg, Northwest, and Seneca Valley—that are currently in residential development moratorium, according to Montgomery County's Growth Policy school test. If the County Council approves the capacity projects as recommended, the four clusters will fall below the 120 percent threshold and, therefore, be out of residential moratorium when the next school test is adopted in June 2010.

The Richard Montgomery Cluster faces a possible development moratorium because greater than anticipated enrollment in the cluster will increase the elementary school utilization rate above the county's 120 percent threshold, as well as the City of Rockville's threshold, which is even more stringent. The Requested FY 2011–2016 CIP includes funding in the Facility Planning project to conduct feasibility studies at Beall, Ritchie Park, and Twinbrook elementary schools to determine the scope and cost of future additions at these schools. Upon completion of the feasibility studies, funding can be considered for inclusion next year in the Amended FY 2011–2016 CIP to address the overutilization in this cluster.

Also, given the extreme overcrowding at Oakland Terrace Elementary School and the projected increase in enrollment to 873 students for the next academic year, the Board approved a resolution asking the superintendent and MCPS staff to work with the Oakland Terrace Elementary School staff and community to explore options to relieve overutilization, including an interim satellite placement for one or two elementary grade levels, to begin with school year 2010-2011 pending the reopening of McKenney Hills in August 2012.

### **State Aid**

With the need to provide permanent seats for our student population and address the aging inventory of older school facilities, funding for the CIP continues to be a complex issue. Local funding sources such as County GO bonds, current revenue, the county Recordation Tax, and the School Impact Tax are utilized in conjunction with state aid to fund the CIP. For FY 2011, the

revised state aid request is \$139.1 million. It is crucial that MCPS receive a minimum of \$40 million, which is the amount assumed by the County Council in the adopted CIP.

State funding of school construction has been, and continues to be, a critical component of MCPS CIP funding. If sufficient state aid is not approved for the CIP, additional county funds will have to be provided or project schedules will need to be delayed.

### **Non-Capital Items**

There are some areas of the county that are not experiencing growth. In fact, the Poolesville Cluster has experienced a declining elementary school enrollment for a number of years. For the 2009–2010 school year, Monocacy Elementary School is significantly underenrolled with only 176 students, including a kindergarten enrollment of only 18 students. Projections for Monocacy Elementary School indicate the enrollment will continue to decrease, to an estimated enrollment of 150 students by the 2015–2016 school year.

The superintendent of schools recommended the consolidation of Monocacy Elementary School into Poolesville Elementary School beginning in August 2010. Supplement A to the Superintendent's Recommended FY 2011 Capital Budget and FY 2011–2016 CIP provided a detailed rationale for the recommendation to close Monocacy Elementary School and to consolidate the student population at Poolesville Elementary School. Included in Supplement A were recommended procedures to follow prior to Board of Education action on the closure and consolidation.

After careful consideration, the Board of Education, at its work session on November 19, 2009, did not approve the procedures for the closure of Monocacy Elementary School and the consolidation of students at Poolesville Elementary School. Instead, the Board of Education approved the establishment of a roundtable work group charged to develop approaches to address underutilization in the Poolesville Cluster schools (Action Item 3.0, as adopted). Upon completion of the roundtable process, the developed approaches will be forwarded to the superintendent of schools no later than June 2010. The superintendent of schools will then prepare his recommendation to address underutilization in the Poolesville Cluster schools as part of the FY 2012 Capital Budget and Amended FY 2011–2016 CIP.

The Board of Education approved one boundary study that was conducted in spring 2009 to relieve overutilization at Sligo Creek Elementary School and included representatives from East Silver Spring, Piney Branch, Sligo Creek, and Takoma Park elementary schools and their attendant middle schools—Silver Spring International and Takoma Park middle schools (Action Item 2.0, as adopted). Also, the Board of Education approved the following boundary studies to be conducted in the winter of 2009–2010:

The Honorable Isiah Leggett  
The Honorable Phil Andrews  
Members of the County Council

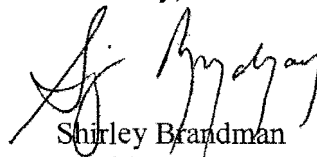
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December 1, 2009

- An elementary school boundary study to evaluate reassignment of the western portion of the Bethesda Elementary School service area, which articulates to the Walt Whitman cluster secondary schools. Representatives from both Bethesda Elementary School in the Bethesda-Chevy Chase Cluster and Bradley Hills Elementary School in the Walt Whitman Cluster will participate in the boundary advisory committee. The boundary study will be conducted in the winter of 2009–2010. The superintendent's recommendation on this boundary study will be released in February 2010, with Board of Education action in March 2010.
- A boundary study to explore the option to reassign Lois P. Rockwell Elementary School to John T. Baker Middle School. The boundary study will include representatives from Lois P. Rockwell Elementary School, and John T. Baker and Rocky Hill middle schools. Lois P. Rockwell Elementary School articulates to Damascus High School. For students who live in the Lois P. Rockwell Elementary School service area, reassignment from Rocky Hill Middle School to John T. Baker Middle School will provide a straight articulation pattern from elementary school to middle school and then to high school. The boundary study will be conducted in the winter of 2009–2010. The superintendent's recommendation on this boundary study will be released in February 2010, with Board of Education action in March 2010.

The Board of Education looks forward to meeting with you to discuss its request. If additional information is needed, please do not hesitate to contact me.

Sincerely,



Shirley Brandman  
President

SB:ak

Enclosures

Copy to:

Members of the Board of Education  
Dr. Weast

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**Board of Education Requested FY 2011 Capital Budget  
and the FY 2011-2016 Capital Improvements Program**  
(figures in thousands)

Project	FY 2011 Approp.	Total	Thru FY2009	Remaining FY2010	Total Six-Years	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
<b>Individual School Projects</b>											
<b>Bradley Hills ES Addition</b>	<b>1,170</b>	<b>14,249</b>			<b>14,249</b>	<b>585</b>	<b>4,065</b>	<b>3,894</b>	<b>5,705</b>		
Brookhaven ES Addition		7,919	391	2,403	5,125	3,634	1,491				
<b>Clarksburg Cluster ES (Clarksburg Village Site #1)</b>	<b>1,567</b>	<b>27,966</b>			<b>27,966</b>	<b>784</b>	<b>8,389</b>	<b>7,673</b>	<b>11,120</b>		
<b>Clarksburg HS Addition</b>		<b>12,015</b>			<b>12,015</b>		<b>469</b>	<b>3,449</b>	<b>3,262</b>	<b>4,835</b>	
<b>Clarksburg/Damascus MS (New)</b>		<b>44,348</b>			<b>44,348</b>			<b>1,397</b>	<b>13,349</b>	<b>12,138</b>	<b>17,464</b>
<b>Darnestown ES Addition</b>	<b>932</b>	<b>11,100</b>			<b>11,100</b>	<b>466</b>	<b>3,022</b>	<b>3,069</b>	<b>4,543</b>		
East Silver Spring ES Addition	-500	11,798	4,933	3,650	3,215	3,215					
Fairland ES Addition		7,729	353	2,587	4,789	3,353	1,436				
Fox Chapel ES Addition	-4,791	7,205	421	2,404	4,380	4,018	362				
William B. Gibbs, Jr. ES (Clarksburg ES #8)		24,401	18,930	3,071	2,400	2,400					
<b>Georgian Forest ES Addition</b>	<b>897</b>	<b>10,620</b>			<b>10,620</b>	<b>449</b>	<b>2,888</b>	<b>2,924</b>	<b>4,359</b>		
Harmony Hills ES Addition	-2,100	7,749	270	1,500	5,979	2,467	2,308	1,204			
Jackson Road ES Addition	-1,845	9,191	353	4,000	4,838	2,968	1,870				
Montgomery Knolls ES Addition	-258	11,253	316	2,353	8,584	4,046	2,491	2,047			
Northwood HS Reopening		42,808	37,511	1,081	4,216	4,216					
Poolesville HS Magnet Improvements		8,562	6,443	1,175	944	944					
Redland MS Interior Modifications		14,233	3,213	4,354	6,666	4,666	2,000				
Ridgeview MS Interior Modifications	5,658	13,524	4,694	3,172	5,658	3,533	2,125				
Rock View ES Addition	-735	7,370	397	1,446	5,527	4,331	1,196				
Seven Locks ES Add/Mod.	19,529	22,287	1,793	552	19,942	12,290	7,652				
Sherwood ES Addition	-2,500	4,947	270	2,207	2,470	2,470					
<b>Somerset ES Addition</b>	<b>1,516</b>	<b>1,516</b>			<b>1,516</b>	<b>1,380</b>	<b>136</b>				
Takoma Park ES Addition	-4,000	11,592	11,567	25							
<b>Viers Mill ES Addition</b>	<b>953</b>	<b>11,177</b>			<b>11,177</b>	<b>477</b>	<b>2,870</b>	<b>3,092</b>	<b>4,738</b>		
<b>Waters Landing ES Addition</b>	<b>669</b>	<b>8,827</b>			<b>8,827</b>	<b>268</b>	<b>3,626</b>	<b>3,487</b>	<b>1,446</b>		
<b>Westbrook ES Addition</b>	<b>994</b>	<b>11,805</b>			<b>11,805</b>	<b>497</b>	<b>3,180</b>	<b>3,244</b>	<b>4,884</b>		
Whetstone ES Addition	-919	7,633	312	2,085	5,236	2,857	2,379				
<b>Wyngate ES Addition</b>	<b>878</b>	<b>10,230</b>			<b>10,230</b>	<b>439</b>	<b>2,975</b>	<b>2,772</b>	<b>4,044</b>		
<b>Countywide Projects</b>											
ADA Compliance: MCPS	2,000	12,158	3,090	1,068	8,000	2,000	1,200	1,200	1,200	1,200	1,200
Asbestos Abatement	1,145	10,940	3,029	1,041	6,870	1,145	1,145	1,145	1,145	1,145	1,145
Building Mod. and Program Improvements		23,384	4,384	4,000	15,000	5,000	2,000	2,000	2,000	2,000	2,000
<b>Clarksburg Depot Expansion</b>		<b>2,046</b>			<b>2,046</b>						<b>2,046</b>
Current Replacement/Modernizations	49,281	606,190			606,190	92,883	117,058	131,285	143,051	86,620	35,293
Design, Engineering & Construction	4,900	46,375	12,475	4,500	29,400	4,900	4,900	4,900	4,900	4,900	4,900
Energy Conservation: MCPS	2,057	19,898	5,686	1,870	12,342	2,057	2,057	2,057	2,057	2,057	2,057
Facility Planning: MCPS	2,000	9,397	2,557	540	6,300	2,000	1,100	1,050	800	750	600
Fire Safety Upgrades	817	8,477	2,832	743	4,902	817	817	817	817	817	817
Future Replacements/Modernizations		106,513			106,513	0	0	1,185	2,714	40,715	61,899
HVAC (Mechanical Systems) Replacement	15,000	115,180	10,180	10,000	95,000	15,000	20,000	15,000	15,000	15,000	15,000
Improved (Safe) Access to Schools	1,200	6,237	2,637	1,200	2,400	1,200	1,200				
Indoor Air Quality	2,088	23,137	9,309	1,300	12,528	2,088	2,088	2,088	2,088	2,088	2,088
Planned Life Cycle Asset Replacement	6,163	61,749	18,575	6,196	36,978	6,163	6,163	6,163	6,163	6,163	6,163
<b>Rehab./Reno. (RROCS)</b>	<b>28,560</b>	<b>61,463</b>			<b>61,463</b>	<b>8,680</b>	<b>12,826</b>	<b>9,502</b>		<b>2,627</b>	<b>27,828</b>
Relocatable Classrooms	6,750	40,611	12,736	4,125	23,750	6,750	5,000	3,000	3,000	3,000	3,000
Restroom Renovations	1,000	11,735	4,811	924	6,000	1,000	1,000	1,000	1,000	1,000	1,000
Roof Replacement: MCPS	6,468	55,792	11,104	5,880	38,808	6,468	6,468	6,468	6,468	6,468	6,468
School Gymnasiums	6,825	39,102	24,957	2,820	11,325	6,825	4,500				
School Security Systems	1,500	11,750	3,250	1,500	7,000	1,500	1,500	1,500	1,500	500	500
<b>Shady Grove Depot Replacement</b>		<b>3,624</b>			<b>3,624</b>						<b>3,624</b>
Stormwater Discharge Management	504	6,472	1,700	1,000	3,772	704	604	616	616	616	616
Technology Modernization	19,889	219,089	60,407	18,897	139,785	19,889	19,501	21,847	25,313	26,393	26,842
<b>Total Requested CIP</b>	<b>175,262</b>	<b>1,885,373</b>	<b>285,886</b>	<b>105,669</b>	<b>1,493,818</b>	<b>253,822</b>	<b>268,057</b>	<b>251,075</b>	<b>277,282</b>	<b>221,032</b>	<b>222,550</b>

Bold indicates new project to the FY2011-2016 CIP

(6)

## Revised FY 2011 State Capital Improvements Program for Montgomery County Public Schools

(figures in thousands)

Local Priority No.	PFA Y/N	Project	Total Estimated Cost	Non PSCP Funds	Prior IAC Funding Thru FY 2010	FY 2011 Request For Funding
<b>Balance of Funding</b>						
1	Y	Francis Scott Key MS Modernization	43,604	28,803	4,979	10,822
		<b>Subtotal</b>	<b>43,604</b>	<b>28,803</b>	<b>4,979</b>	<b>10,822</b>
<b>Construction Request (Forward-Funded)</b>						
2	Y	Bells Mill ES Modernization	23,631	15,296	LP	8,335
3	Y	Cashell ES Modernization	19,810	13,100	LP	6,710
		<b>Subtotal</b>	<b>43,441</b>	<b>28,396</b>		<b>15,045</b>
<b>Systemic Projects</b>						
4	Y	Belmont ES -- HVAC	1,500	765		735
5	N	Magruder HS -- HVAC	1,490	760		730
6	Y	Eastern MS -- HVAC	1,035	529		506
7	N	Sherwood HS -- Roof	835	426		409
8	Y	Cedar Grove ES -- HVAC	800	408		392
9	Y	Cold Spring ES -- Roof	785	401		384
10	Y	Laytonsville ES -- Roof	775	396		379
11	Y	Cloverly ES -- Roof	770	393		377
12	Y	Poolesville HS -- HVAC	700	357		343
13	Y	Montgomery Knolls ES -- Roof	685	350		335
14	Y	Beall ES -- Roof	640	327		313
15	Y	Banneker MS -- HVAC	625	319		306
16	Y	Gaithersburg ES -- HVAC	550	281		269
17	Y	Maryvale ES -- HVAC	550	281		269
18	Y	DuFief ES -- HVAC	500	255		245
19	Y	Clopper Mill ES -- HVAC	350	179		171
		<b>Subtotal</b>	<b>12,590</b>	<b>6,427</b>	<b>0</b>	<b>6,163</b>
<b>Planning and/or Construction Request</b>						
20/21	Y	Cresthaven ES Modernization	25,549	17,963		7,586
22/23	Y	Carderock Springs ES Modernization	23,187	17,311		5,876
24/25	Y	Takoma Park ES Addition (CSR)	15,592	10,970		4,622
26/27	Y	Poolesville HS Magnet Improvements	9,118	6,037		3,081
28	Y	East Silver Spring ES Addition (CSR)	12,298	10,580	LP	1,718
29/30	N	Sherwood ES Addition	7,447	6,481		966
31/32	Y	Cabin John MS Modernization	44,072	25,586		18,486
33/34	Y	Fairland ES Modernization	21,482	9,392		12,090
35/36	Y	Seven Locks ES Modernization	20,950	15,503		5,447
37/38	N	Redland MS Upgrades	14,233	10,189		4,044
39/40	Y	Cannon Road ES Modernization* (CSR)	24,260	16,547		3,857
41	Y	Fox Chapel ES Addition (CSR)	12,331	8,887	LP	3,444
42/43	Y	Garrett Park ES Modernization*	28,266	21,435		3,416
44/45	Y	Jackson Road ES Addition (CSR)	11,036	8,549		2,487
46/47	Y	Rock View ES Addition (CSR)	8,105	6,167		1,938
48/49	Y	Fairland ES Addition (CSR)	7,729	5,877		1,852
50/51	Y	Whetstone ES Addition (CSR)	8,926	7,131		1,795
52/53	Y	Brookhaven ES Addition (CSR)	7,919	6,727		1,192
54/55	Y	Montgomery Knolls ES Addition (CSR)	11,511	9,037		2,474
56/57	Y	Harmony Hills ES Addition (CSR)	9,849	7,501		2,348
58/59	Y	Paint Branch HS Modernization*	111,495	74,739		18,378
		<b>Subtotal</b>	<b>435,355</b>	<b>302,609</b>	<b>0</b>	<b>107,097</b>
<b>Planning Approval Request</b>						
60	Y	Downcounty Consortium ES #29 (McKenney Hills re-opening)*	LP			LP
61	Y	Beverly Farms ES Modernization*	LP			LP
62	Y	Glenallen ES Modernization* (CSR)	LP			LP
63	Y	Herbert Hoover MS Modernization*	LP			LP
64	Y	Weller Road ES Modernization* (CSR)	LP			LP
65	Y	Gaithersburg HS Modernization*	LP			LP
		<b>Total</b>	<b>534,990</b>	<b>366,235</b>	<b>4,979</b>	<b>139,127</b>

# Appendix D

## Montgomery County Public Schools Relocatable Classrooms: 2009-2010 School Year

Cluster/ School	Relocatables on Site for 2009-2010 To Address:			Cluster/ School	Relocatables on Site for 2009-2010 To Address:			Cluster/ School	Relocatables on Site for 2009-2010 To Address:		
	Overutilization	DC	Total		Overutilization	DC	Total		Overutilization	DC	Total
<b>Bethesda-Chevy Chase</b>				<b>Col. Zadok Magruder</b>				<b>Watkins Mill</b>			
Westland MS		1	1	Flower Hill	6		6	Whetstone	8		8
Bethesda	5		5	Mill Creek Towne	3		3	<b>Totals</b>	<b>8</b>	<b>0</b>	<b>8</b>
North Chevy Chase	4		4	Judith A. Resnik	2		2				
Rock Creek Forest	5	1	6	<b>Totals</b>	<b>11</b>	<b>0</b>	<b>11</b>	<b>Walt Whitman</b>			
Rosemary Hills	5		5	<b>Richard Montgomery</b>				Bannockburn	2		2
Westbrook	5		5	Beall	8		8	Bradley Hills	6		6
<b>Totals</b>	<b>24</b>	<b>2</b>	<b>26</b>	Ritchie Park	3		3	Burning Tree	3		3
<b>Winston Churchill</b>				Twinbrook	4		4	<b>Totals</b>	<b>16</b>	<b>0</b>	<b>16</b>
Herbert Hoover MS	5		5	<b>Northeast Consortium*</b>				<b>Thomas S. Wootton</b>			
Beverly Farms	2		2	James H. Blake HS	7		7	Thomas S. Wootton HS	9		9
Potomac	7		7	Paint Branch HS	7		7	Cold Spring	2		2
Seven Locks	2		2	Burnt Mills	1		1	DuFief	1	2	3
<b>Totals</b>	<b>16</b>	<b>0</b>	<b>16</b>	Burtonsville	1		1	<b>Totals</b>	<b>12</b>	<b>2</b>	<b>14</b>
<b>Clarksburg</b>				Cannon Road	7		7				
Clarksburg HS	4		4	Cloverly	2		2	<b>Grand Total by Use</b>	<b>426</b>	<b>11</b>	<b>437</b>
Rocky Hill MS	8		8	Fairland	9		9				
Clarksburg ES	6		6	Greencastle	1		1	<b>SCHOOL TOTAL:</b>			<b>437</b>
Daly	4		4	Jackson Road	11		11				
Fox Chapel	10		10	Stonegate	3	1	4				
Little Bennett	6		6	Westover	1		1				
<b>Totals</b>	<b>38</b>	<b>0</b>	<b>38</b>	<b>Totals</b>	<b>50</b>	<b>1</b>	<b>51</b>				
<b>Damascus</b>				<b>Northwest</b>							
Cedar Grove	3		3	Clopper Mill	2		2				
Clearspring	1		1	Darnestown	6		6				
<b>Totals</b>	<b>4</b>	<b>0</b>	<b>4</b>	Great Seneca	2		2				
<b>Downcounty Consortium*</b>				Spark M. Matsunaga	12	1	13				
Wheaton HS	4		4	Ronald McNair	4		4				
Bel Pre	8		8	<b>Totals</b>	<b>26</b>	<b>1</b>	<b>27</b>				
Brookhaven	11	1	12	<b>Poolesville</b>							
Georgian Forest	10		10	Monocacy	3		3				
Glenallan	6		6	<b>Totals</b>	<b>3</b>	<b>0</b>	<b>3</b>				
Harmony Hills	10		10	<b>Quince Orchard</b>							
Highland View	6		6	Rachel Carson	7		7				
Montgomery Knolls	12		12	Jones Lane	2		2				
Oakland Terrace	11		11	<b>Totals</b>	<b>9</b>	<b>0</b>	<b>9</b>				
Pine Crest	2		2	<b>Rockville</b>							
Rock View	10		10	Lucy V. Barnsley	4		4				
Rolling Terrace	2		2	Flower Valley	1		1				
Shriver	3		3	Maryvale	1		1				
Sligo Creek	4	1	5	Meadow Hall	2		2				
Viers Mill	13		13	Rock Creek Valley	2		2				
Weller Road	2		2	Sandburg	1		1				
Wheaton Woods	6		6	<b>Totals</b>	<b>11</b>	<b>0</b>	<b>11</b>				
Woodlin	4		4	<b>Seneca Valley</b>							
<b>Totals</b>	<b>124</b>	<b>2</b>	<b>126</b>	Seneca Valley	3		3				
<b>Gaithersburg</b>				Lake Seneca	1		1				
Gaithersburg HS	3		3	McAuliffe	3		3				
Goshen	1		1	Sally K. Ride	4		4				
Laytonsville	1		1	Waters Landing	5		5				
Rosemont		1	1	<b>Totals</b>	<b>16</b>	<b>0</b>	<b>16</b>				
Strawberry Knoll	4		4	<b>Sherwood</b>							
Summit Hall	5	1	6	Belmont		1	1				
Washington Grove	9		9	Sherwood ES	6		6				
<b>Totals</b>	<b>23</b>	<b>2</b>	<b>25</b>	<b>Totals</b>	<b>6</b>	<b>1</b>	<b>7</b>				
<b>Walter Johnson</b>											
Kensington-Parkwood	4		4								
Wyngate	10		10								
<b>Totals</b>	<b>14</b>	<b>0</b>	<b>14</b>								

Other Relocatable Uses		
	# Units	Comment
<b>Phased Construction</b>		
Walter Johnson HS	22	Modernization
Redland	13	Improvements
Montgomery Knolls	1	Addition
Sherwood ES	2	Addition
Whetstone	2	Addition
<b>Total</b>	<b>40</b>	
<b>Holding Schools for Mods</b>		
Fairland	9	Cresthaven/Cannon
Grosvenor	14	Tak. Pk./Carrett Pk.
North Lake	16	Fairland
Radnor	2	Carderock/Sev. Locks
Tilden	9	Cabin John
<b>Total</b>	<b>50</b>	
<b>Other Uses at Schools</b>		
Emory Grove Ctr.	1	Transition (CCC)
Gaithersburg ES	1	Parent Res. Ctr.
Gaithersburg HS	1	Mont. College Prgm.
Rolling Terrace	1	Judy Center
Sandburg	1	Autism offices
Seneca Valley HS	1	Transition (CCC)
Sherwood ES	1	Baldridge Lab
Wootton HS	1	Mont. College Prgm.
<b>Total</b>	<b>8</b>	
<b>Nonschool Locations</b>		
Bethesda Depot	2	Offices
Children's Res. Ctr.	1	Infants & Todd. offices
Kingsley	4	
Mont. College Germantown	2	
Rockinghorse	2	ESOL Offices
Smith Center	2	Outdoor Education
Transportation Depot	2	Offices
Warehouse	1	Copy Plus Program
<b>Total</b>	<b>16</b>	

<b>OTHER TOTAL:</b>	<b>114</b>
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DC = Paid for by day-care provider to enable a day-care center to operate inside school.  
 \* In terms of the number of schools, the Downcounty Consortium is the equivalent of 5 clusters, and the Northeast Consortium is the equivalent of 3 clusters.  
 Relocatable classrooms are distributed quite evenly around the county, with an average of about 17 per cluster, taking account of multiple cluster areas in the consortia.



# Montgomery County Public Schools

## AGENCY DESCRIPTION

The Montgomery County Board of Education (BOE or Board) consists of seven publicly elected members; one student member elected by public school students; and the Superintendent of Schools, who is appointed by the Board of Education and is responsible for the administration of the school system. The vote of the Superintendent is not counted for capital and operating budget appropriations. The Montgomery County Public Schools (MCPS) operates and maintains a Countywide system of public schools for students from pre-kindergarten through high school (including special education, interagency, and alternative programs) and also provides adult education services. At the start of the 2009-2010 school year, 141,777 students were attending 200 separate public educational facilities.

## PROGRAM DESCRIPTION AND OBJECTIVES

The Board's FY11-16 CIP request consists of 13 new and 36 ongoing projects with expenditures in the six-year period. Included within the ongoing projects are three projects with multiple subprojects: Current Modernization / Renovations, Future Modernization / Renovations, and Rehab / Renovation of Closed Schools. There are 18 projects that have no expenditures in the six-year period.

Two projects are included for technical reasons. State Aid Reconciliation includes State aid funding not yet allocated to specific projects, as well as bond funding reductions assumed from this State aid. MCPS Affordability Reconciliation adjusts total expenditures to conform to the Executive's recommended funding levels, which are affordable within the CIP.

The section following this narrative only shows the project description forms (PDFs) for which the Executive recommends changes to the BOE's request. The complete BOE request can be found on the MCPS web site at [www.montgomeryschoolsmd.org/departments/planning/CIPMaster\\_Current2.shtml](http://www.montgomeryschoolsmd.org/departments/planning/CIPMaster_Current2.shtml).

## PROGRAM CONTACTS

Contact Adrienne Karamihas of the Montgomery County Public Schools at 240.314.1035 or Blaise DeFazio of the Office of Management and Budget at 240.777.2763 for more information about this agency's capital budget.

## CAPITAL PROGRAM REVIEW

### Board of Education Request

The Board's FY11-16 capital program request for MCPS totals \$1,493.8 million, a \$223.0 million or 17.5 percent increase from the amended FY09-14 capital program of \$1.271 million.

### Executive Recommendations

The Executive recommends \$1,484.6 million over the six-year CIP, which is 99.4 percent of the amount requested by the Board. The Executive will rely on the Board to determine how to revise its proposal to conform to the recommended funding levels.

### Highlights of Executive Recommendation

- Provide local funding of \$1,252.5 million, an increase of \$220.4 million or 21.4 percent compared to the FY09-14 amended CIP.
- Fund 99.4 percent of the six-year capital program requested by the Board of Education.
- Assume State support of \$230 million for public school projects over the six-year CIP.

### Highlights of Board Request

- Catch up with needed capacity by reopening two schools as holding schools and constructing eight elementary school additions, one high school addition, a new elementary school, and a new middle school.
- Increase six-year expenditures for school modernization by \$46.9 million or seven percent compared to the FY09-14 amended CIP.
- Address countywide school needs by increasing resources for systemic projects, such as heating, ventilation, and air conditioning, restroom renovations, relocatable classrooms, technology modernization, and life-cycle asset replacement.
- Design the Clarksburg Depot Expansion and the Shady Grove Depot Replacement projects, addressing the inadequate space for school buses.

## PROGRAM EXPENDITURES

The County Executive reaffirms his commitment to preparing children to live and learn. Despite fiscal constraints faced by the County, the Executive is recommending 99.4 percent of the Board's request.

**Individual Schools**

The Executive supports the Board's capacity-related requests, which include constructing additions for eight elementary schools and one high school, opening a new elementary school, and reopening two schools as holding schools.

**Countywide Projects**

For the FY11-16 CIP, the Board has requested \$712.7 million for its school modernization program. The Board proposal results in an average expenditure level per year of \$118.8 million, an increase of \$7.8 million per year or seven percent over the current approved average annual expenditure level. The following table shows annual funding for modernizations since FY97.

**Modernization Funding (\$000s)**

Six-Year CIP	Average Per Year	Six-Year Total
FY97-02 Amended	36,519	219,112
FY99-04 Amended	45,893	275,360
FY01-06 Amended	59,887	359,319
FY03-08 Amended	39,282	235,691
FY05-10 Amended	48,569	291,413
FY07-12 Amended	92,119	552,716
FY09-14 Amended	110,966	665,796
FY11-16 Request	118,784	712,703
<i>Change from FY09-14 Amended</i>	<i>7,818</i>	<i>46,907</i>

**PROGRAM FUNDING**

The MCPS capital program would be funded using \$957.7 million of County bonds; \$296.9 million of other local resources including current revenue, recordation tax, schools impact tax, and federal funding; and \$230 million of State aid. The table following this narrative compares funding sources for the amended FY09-14 Capital Program to the FY11-16 Board request and Executive recommendation.

**County General Obligation Bonds**

The Board's request includes large increases in general obligation bond expenditures throughout the six-year program. The Executive recommendation provides a level of general obligation bond-funded expenditures which, when combined with proposals of all agencies, is consistent with Spending Affordability Guidelines (SAG) set by the Council. The Executive recommends bond funding of \$957.7 million over six years, which reflects the resources available within the CIP. This represents an increase of \$217.8 million or 29.4 percent compared to the amended FY09-14 capital program, including an allocation of approximately 58% of planned FY11 general obligation bond issues.

**Other County Resources**

The Executive's recommendation includes \$124.4 million in current revenue over the six-year CIP. His proposal also assumes \$114.8 million in recordation tax, \$55.5 million of school impact tax, and \$2.1 in federal funds during FY11-16. Any further downturns in the County's housing market could negatively impact these revenue assumptions.

**State Aid**

Support for BOE initiatives is contingent on a successful County effort to secure State aid for school construction over the next six years. The Executive's recommendation assumes \$230 million of State aid over six years with \$30 million in FY11. The following table compares the annual amount of State aid requested by MCPS to the amount finally approved since 1997.

**State Aid Funding (\$millions)**

Fiscal Year	State Aid Requested	State Aid Approved
FY97	70.1	36.0
FY98	72.7	37.9
FY99	68.8	50.0
FY00	57.5	50.2
FY01	59.0	50.0
FY02	55.7	44.4
FY03	22.1	18.0
FY04	18.5	10.6
FY05	59.9	9.0
FY06	126.2	30.4
FY07	125.2	40.1
FY08	134.0	52.3
FY09	132.7	46.3
FY10	113.8	28.4
FY11 Rec.	139.1	N/A

Montgomery County has requested \$139.1 million of State funding in FY11 for 23 construction projects and 16 systems renovation projects. A chart at the end of this chapter presents FY11-16 budget assumptions and projects likely to require State aid.

The State's Interagency Committee on School Construction (IAC) made a preliminary recommendation on December 9, 2009, to the State Board of Public Works (BPW) for \$20.1 million of State aid for Montgomery County in FY11. The table presented below shows details by project. The BPW will make final allocations in the Spring of 2010 after the end of the Maryland General Assembly session.

The Executive will vigorously pursue State aid for all eligible projects and urges the Board, the Council, the County

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Delegation, and the community to request that the State fully fund the County's State aid request.

**FY11 State Aid for School Construction  
(\$000)**

Project by Category	Total Est. Cost	FY11 Request	IAC Rec.	Balance
<b>Construction:</b>				
Francis Scott Key MS	43,604	10,822	1,310	9,512
Subtotal, Construction	43,604	10,822	1,310	9,512
<b>Planning &amp; Construction:</b>				
Bells Mill ES	23,631	8,335	7,460	875
Brookhaven ES	7,919	1,192		1,192
Cabin John MS	44,072	18,486		18,486
Cannon Road ES	24,260	3,857		3,857
Carderock Springs ES	23,187	5,876		5,876
Cashell ES	19,810	6,710	3,592	3,118
Crashaven ES	25,549	7,586	5,857	1,729
East Silver Spring ES	12,298	1,718		1,718
Fairland ES	7,729	1,852		1,852
Farmland ES	21,482	12,090		12,090
Fox Chapel ES	12,331	3,444		3,444
Garrett Park ES	28,266	3,416		3,416
Harmony Hills ES	9,849	2,348		2,348
Jackson Road ES	11,036	2,487		2,487
Montgomery Knolls ES	11,511	2,474		2,474
Paint Branch HS	111,495	18,378		18,378
Poolesville HS	9,118	3,081		3,081
Redland MS	14,233	4,044		4,044
Rock View ES	8,105	1,938		1,938
Seven Locks ES	20,950	5,447		5,447
Sherwood ES	7,447	966		966
Takoma Park	15,592	4,622		4,622
Whetstone ES	8,926	1,795		1,795
Subtotal, Plan. & Construct.	478,796	122,142	16,909	105,233
<b>Countywide:</b>				
Roof Replacement	4,490	2,197		2,197
HVAC/Electrical Replacement	8,100	3,966	1,841	2,125
Subtotal, Countywide	12,590	6,163	1,841	4,322
<b>Total, All Projects</b>	<b>534,990</b>	<b>139,127</b>	<b>20,060</b>	<b>119,067</b>

**GROWTH POLICY**

Article II of Chapter 33A-15 of the Montgomery County Code requires that, no later than November 15 in odd-numbered years, the County Council adopt the County's Growth Policy. The Growth Policy is the tool used to ensure that approvals of new subdivisions are commensurate with adequate transportation and school facilities. For the purposes of public school analysis and local area review of school facilities at time of subdivision, the County has been divided into 25 sectors which reflect the service areas of each of the MCPS high schools, including the middle schools and elementary schools which feed students to these high schools. These sectors are called "clusters."

The current Growth Policy test of school adequacy applies to requests for residential subdivisions that have been filed with the Planning Board since January 1, 2009, and assesses school capacity five years in the future in each of the clusters. For each school level, the total projected enrollment of all schools in the cluster is compared to total school capacity in the future, including the additional capacity that will be built if the County

Council approves the recommended CIP. The Growth Policy test calculates a fixed structural capacity for schools. It assumes a class size of 22 for all-day kindergarten, 23 for elementary grades, and 25 for secondary grades. This measure does not count relocatable classrooms in computing capacity.

Clusters where enrollment is projected to be above 120 percent of program capacity are placed in development moratorium, which would apply to any residential subdivision plan that had not received approval from the Planning Board as of July 1, 2010, in the case of the FY11 school test. Clusters where enrollment is projected to be above 105 percent of program capacity, but not over 120 percent, are identified as requiring a special school facility payment from developers who choose to submit subdivision plans in these areas.

The tables that appear at the end of this chapter present the outcome of the Growth Policy test based on the Board's requested FY11-16 CIP. The application of the school test produces a moratorium in the Richard Montgomery cluster. The school test also requires a school facilities payment at the high school level in the Wootton cluster; at the middle school level in the Bethesda-Chevy Chase, Northwest, and Whitman clusters; and at the elementary level in the following clusters: Bethesda-Chevy Chase, Northwest, Northwood, Paint Branch, Quince Orchard, and Rockville.

**OPERATING BUDGET IMPACT**

Operating budget impacts measure resources needed to maintain or operate new or modernized facilities. They include such elements as salaries for administrators and building service workers and the cost of energy. They do not reflect teacher salaries because it is assumed that teachers already on staff would be transferred to fill positions in new schools.

According to MCPS standards and using FY11 dollars, each new 740 student elementary school will require approximately \$2.4 million in additional operating costs for the first year. These costs include salaries for 18.2 workyears of non-classroom positions. Each new 1,000 student middle school will require approximately \$4.3 million in additional operating costs for the first year. These costs include salaries for 37.8 workyears of non-classroom positions. A new 2,000 student high school is estimated to require approximately \$7.8 million in additional operating costs for the first year. These costs include salaries for 70.1 workyears of non-classroom positions.

**STATUTORY AUTHORITY**

Titles 3, 4, and 5 of the Education Article, Annotated Code of Maryland, govern the establishment of county boards of education, local school administration, and financing. Each county board is to maintain throughout its county a reasonably uniform system of public schools that is designed to provide quality education and equal educational opportunities for all

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children. Subtitle 3 of Title 5, State Aid for School Construction, provides for payment of certain public school construction and capital improvement costs by the State through its Public School Construction Program. The CIP review process for the public schools is governed by laws and regulations of the State of Maryland, the Montgomery County Charter, and the Board of Education's Policy on Long-Range Educational Facilities Planning.

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**FY11-16 Budgetary Assumptions of State Aid for School Construction (\$000s)**

<b>Projects by Category &amp; Priority</b>	<b>FY10</b>	<b>FY11-16</b>	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>	<b>FY14</b>	<b>FY15</b>	<b>FY16</b>
<b>Construction Funding</b>								
Francis Scott Key MS	4,979	10,822	10,822					
<i>Subtotal, Construction</i>	<b>4,979</b>	<b>10,822</b>	<b>10,822</b>	-	-	-	-	-
<b>Planning &amp; Construction</b>								
T.W. Pyle MS	121	-						
Galway ES	4,795	-						
Walter Johnson HS	13,595	-						
Bells Mill ES		8,335	8,335					
Brookhaven ES		1,192	1,192					
Cabin John MS		18,486	18,486					
Cannon Road ES		7,713	3,857	3,856				
Carderock Springs ES		5,876	5,876					
Cashell ES		6,710	6,710					
Cresthaven ES		7,586	7,586					
East Silver Spring ES		1,718	1,718					
Fairland ES		1,852	1,852					
Farmland ES		12,090	12,090					
Fox Chapel ES		3,444	3,444					
Garrett Park ES		6,831	3,416	3,415				
Harmony Hills ES		2,348	2,348					
Jackson Road ES		2,487	2,487					
Montgomery Knolls ES		2,474	2,474					
Paint Branch HS		36,756	18,378	18,378				
Poolesville HS		3,081	3,081					
Redland MS		4,044	4,044					
Rock View ES		1,938	1,938					
Seven Locks ES		5,447	5,447					
Sherwood ES		966	966					
Takoma Park		4,622	4,622					
Whatstone ES		1,795	1,795					
Downcounty Consortium ES #29		8,329		4,165	4,164			
Beverly Farms ES		8,527		4,264	4,263			
Glenallen ES		9,208		4,604	4,604			
Herbert Hoover MS		17,351		8,676	8,675			
Weller Road ES		6,907		3,454	3,453			
Gaithersburg HS		37,003		18,502	18,501			
Bel Pre ES		12,833			6,417	6,416		
Candelwood ES		12,955			6,478	6,477		
Rock Creek Forest ES		14,438			7,219	7,219		
Wheaton HS		54,175			27,088	27,087		
William H. Farquhar MS		28,533			13,267	13,266		
Brown Station ES		12,850				6,425	6,425	
Wayside ES		10,580				5,290	5,290	
Wheaton Woods ES		13,704				6,852	6,852	
Seneca Valley HS		56,814				28,407	28,407	
Luxmanor ES		13,810					6,905	6,905
Maryvale ES		30,842					15,421	15,421
Potomac ES		13,074					6,537	6,537
Tilden @ Woodward MS		27,010					13,505	13,505
Wootton HS		28,271						28,271
<i>Subtotal, Planning and Construction</i>	<b>18,511</b>	<b>563,005</b>	<b>122,142</b>	<b>69,314</b>	<b>104,129</b>	<b>107,439</b>	<b>89,342</b>	<b>70,639</b>
<b>Countywide Projects</b>								
Roof Replacement	2,961	2,197	2,197					
HVAC/Electrical Replacement	1,899	3,966	3,966					
Systemic Projects (Outyears)	-	15,000	-	3,000	3,000	3,000	3,000	3,000
<i>Subtotal, Countywide</i>	<b>4,860</b>	<b>21,163</b>	<b>6,163</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>
<b>Total, All Projects</b>	<b>28,350</b>	<b>594,990</b>	<b>139,127</b>	<b>72,314</b>	<b>107,129</b>	<b>110,439</b>	<b>92,342</b>	<b>73,639</b>
<b>Offset [1]</b>	-	<b>(364,990)</b>	<b>(109,127)</b>	<b>(32,314)</b>	<b>(67,129)</b>	<b>(70,439)</b>	<b>(52,342)</b>	<b>(33,639)</b>
<b>Total State Aid Assumed</b>	<b>28,350</b>	<b>230,000</b>	<b>30,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>

**Notes:**

[1] This chart reflects outyear State aid estimates from the MCPS November 2009 request to the State. Future annual request levels for State aid will be based on State eligibility requirements and may exceed the amounts shown. In addition, anticipated changes to State funding formulas will affect amounts requested.

[2] Projects shown beyond FY11 do not yet have construction dollars approved. Expected funding requests are shown here.

[\*] Offset reconciles specified project total costs with assumed State funding levels.

(13)

## Summary of School Test for FY 2011

Based on BOE Requested FY 2011-2016 CIP

Would Be Effective July 1, 2010

School Test Level	Description	Cluster Outcomes by Level		
		Elementary Inadequate	Middle Inadequate	High Inadequate
<p><u>Clusters over 105% utilization</u></p> <p>School facility payment required in inadequate clusters to proceed.</p>	<p>5-year test Effective July 1, 2010</p> <p>Test year 2015-16</p>	<p>B-CC (108.6%) Northwest (119.1%) Northwood (118.8%) Paint Branch (105.5%) Quince Orchard (111.7%) Rockville (114.2%)</p>	<p>B-CC (114.9%) Northwest (105.6%) Whitman (107.8%)</p>	<p>Wootton (107.8%)</p>
<p><u>Clusters over 120% utilization</u></p> <p>Moratorium required in clusters that are inadequate.</p>	<p>5-year test Effective July 1, 2010</p> <p>Test year 2015-16</p>	<p>Richard Montgomery (126.5%)</p>		

# FY 2011 Growth Policy School Test: Cluster Percent Utilizations in 2015

Reflects BOE's Requested FY 2011-2016 Capital Improvements Program (CIP)

Would be Effective July 1, 2010

## Elementary School Enrollment

Cluster Area	Projected August 2015 Enrollment	100% MCPS Program Capacity With BOE Requested FY11-16 CIP	Percent Utilization in 2015	Growth Policy Test Result Capacity is:	Cluster status?
<b>B- CC</b>	<b>3,606</b>	<b>3,321</b>	<b>108.6%</b>	<b>Inadequate</b>	<b>School Facility Payment</b>
Blair	4,061	4,368	93.0%	Adequate	Open
Blake	2,516	2,508	100.3%	Adequate	Open
Churchill	2,636	2,728	96.6%	Adequate	Open
Clarksburg	3,772	3,919	96.2%	Adequate	Open
Damascus	1,920	2,075	92.5%	Adequate	Open
Einstein	2,625	2,723	96.4%	Adequate	Open
Gaithersburg	3,879	3,898	99.5%	Adequate	Open
Walter Johnson	3,728	3,706	100.6%	Adequate	Open
Kennedy	2,650	2,858	92.7%	Adequate	Open
Magruder	2,577	2,635	97.8%	Adequate	Open
<b>R. Montgomery</b>	<b>2,697</b>	<b>2,132</b>	<b>126.5%</b>	<b>Inadequate</b>	<b>Moratorium</b>
<b>Northwest</b>	<b>4,297</b>	<b>3,609</b>	<b>119.1%</b>	<b>Inadequate</b>	<b>School Facility Payment</b>
<b>Northwood</b>	<b>3,067</b>	<b>2,581</b>	<b>118.8%</b>	<b>Inadequate</b>	<b>School Facility Payment</b>
<b>Paint Branch</b>	<b>2,441</b>	<b>2,313</b>	<b>105.5%</b>	<b>Inadequate</b>	<b>School Facility Payment</b>
Poolesville	522	755	69.1%	Adequate	Open
<b>Quince Orchard</b>	<b>2,992</b>	<b>2,679</b>	<b>111.7%</b>	<b>Inadequate</b>	<b>School Facility Payment</b>
<b>Rockville</b>	<b>2,531</b>	<b>2,216</b>	<b>114.2%</b>	<b>Inadequate</b>	<b>School Facility Payment</b>
Seneca Valley	2,262	2,173	104.1%	Adequate	Open
Sherwood	2,050	2,408	85.1%	Adequate	Open
Springbrook	3,027	3,188	94.9%	Adequate	Open
Watkins Mill	2,629	2,769	94.9%	Adequate	Open
Wheaton	2,863	2,792	102.5%	Adequate	Open
Whitman	2,464	2,367	104.1%	Adequate	Open
Wootton	2,922	3,118	93.7%	Adequate	Open

Status of each cluster assumes current threshold for school facility payment (utilization >105%), and moratorium (utilization >120%)

39-7

15

# FY 2011 Growth Policy School Test: Cluster Percent Utilizations in 2015

Reflects BOE's Requested FY 2011-2016 Capital Improvements Program (CIP)

Would be Effective July 1, 2010

## Middle School Enrollment

Cluster Area	Projected August 2015 Enrollment	100% MCPS Program Capacity With BOE Requested FY11-16 CIP	Percent Utilization in 2015	Growth Policy Test Result Capacity is:	Cluster Status?
<b>B- CC</b>	<b>1,192</b>	<b>1,037</b>	<b>114.9%</b>	<b>Inadequate</b>	<b>School Facility Payment</b>
Blair	2,111	2,266	93.2%	Adequate	Open
Blake	1,189	1,329	89.5%	Adequate	Open
Churchill	1,433	1,609	89.1%	Adequate	Open
Clarksburg	1,547	2,113	73.2%	Adequate	Open
Damascus	865	954	90.7%	Adequate	Open
Einstein	1,317	1,460	90.2%	Adequate	Open
Gaithersburg	1,638	1,751	93.5%	Adequate	Open
Walter Johnson	1,760	1,852	95.0%	Adequate	Open
Kennedy	1,201	1,356	88.6%	Adequate	Open
Magruder	1,155	1,616	71.5%	Adequate	Open
<b>R. Montgomery</b>	<b>1,154</b>	<b>986</b>	<b>117.0%</b>	<b>Inadequate</b>	<b>In Moratorium at ES Level</b>
<b>Northwest</b>	<b>2,079</b>	<b>1,968</b>	<b>105.6%</b>	<b>Inadequate</b>	<b>School Facility Payment</b>
Northwood	1,152	1,362	84.6%	Adequate	Open
Paint Branch	1,248	1,271	98.2%	Adequate	Open
Poolesville	238	480	49.6%	Adequate	Open
Quince Orchard	1,389	1,648	84.3%	Adequate	Open
Rockville	980	981	99.9%	Adequate	Open
Seneca Valley	1,201	1,464	82.0%	Adequate	Open
Sherwood	1,127	1,476	76.4%	Adequate	Open
Springbrook	1,162	1,230	94.5%	Adequate	Open
Watkins Mill	1,232	1,251	98.5%	Adequate	Open
Wheaton	1,549	1,646	94.1%	Adequate	Open
<b>Whitman</b>	<b>1,347</b>	<b>1,250</b>	<b>107.8%</b>	<b>Inadequate</b>	<b>School Facility Payment</b>
Wootton	1,516	1,606	94.4%	Adequate	Open

Status of each cluster assumes current threshold for school facility payment (utilization >105%), and moratorium (utilization >120%)

8-9-8

15

**FY 2011 Growth Policy School Test: Cluster Percent Utilizations in 2015**  
**Reflects BOE's Requested FY 2011-2016 Capital Improvements Program (CIP)**  
**Would be Effective July 1, 2010**

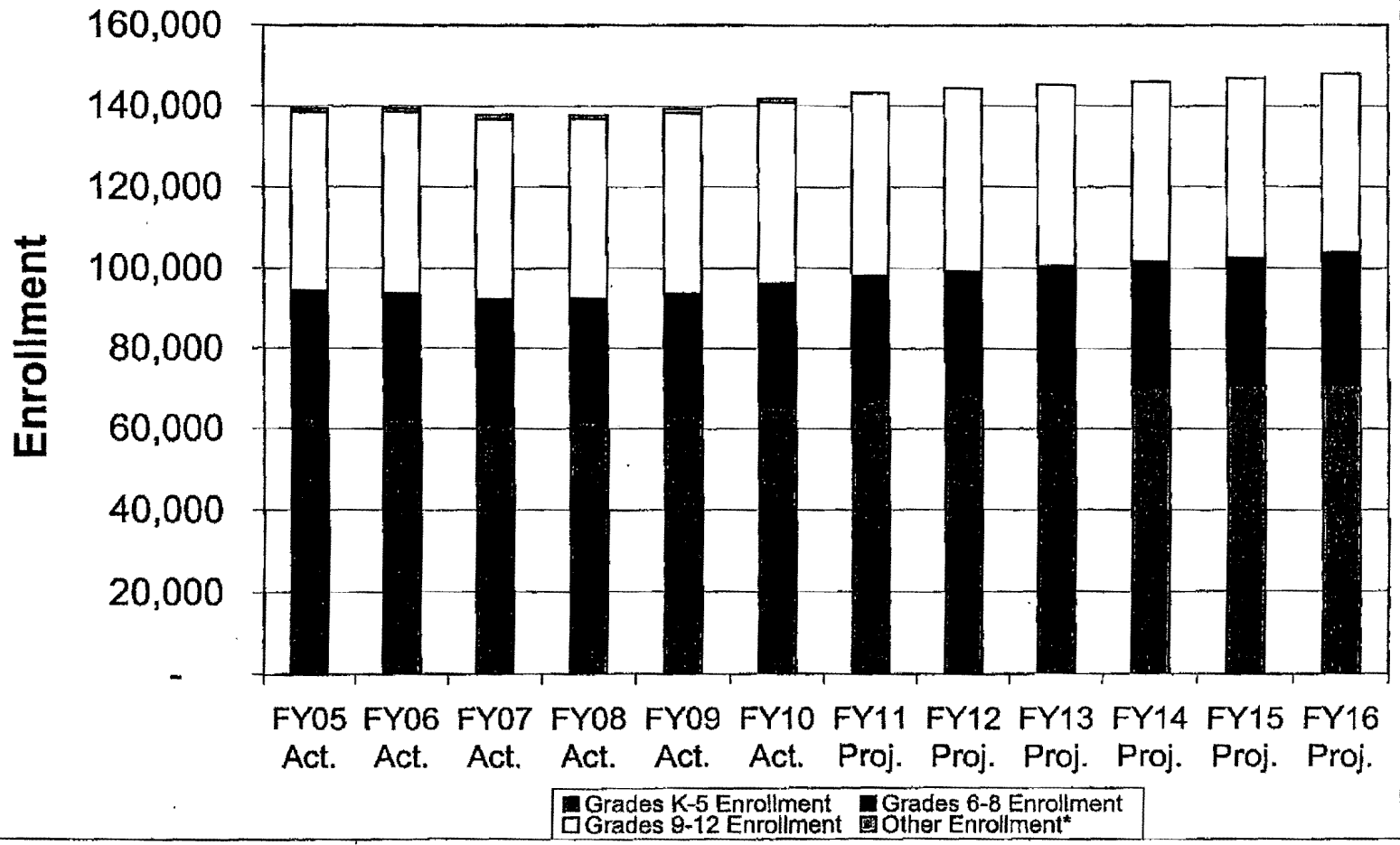
**High School Enrollment**

Cluster Area	Projected August 2015 Enrollment	100% MCPS Program Capacity With BOE Requested FY11-16 CIP	Percent Utilization in 2015	Growth Policy Test Result Capacity is:	Cluster status?
B-CC	1,723	1,656	104.0%	Adequate	Open
Blair	2,515	2,839	88.6%	Adequate	Open
Blake	1,787	1,724	103.7%	Adequate	Open
Churchill	1,907	1,928	98.9%	Adequate	Open
Clarksburg	1,979	1,971	100.4%	Adequate	Open
Damascus	1,310	1,532	85.5%	Adequate	Open
Einstein	1,593	1,570	101.5%	Adequate	Open
Gaithersburg	1,948	2,284	85.3%	Adequate	Open
Walter Johnson	2,173	2,230	97.4%	Adequate	Open
Kennedy	1,557	1,847	84.3%	Adequate	Open
Magruder	1,678	1,919	87.4%	Adequate	Open
R. Montgomery	1,846	1,957	94.3%	Adequate	<b>In Moratorium at ES Level</b>
Northwest	2,200	2,151	102.3%	Adequate	Open
Northwood	1,439	1,481	97.2%	Adequate	Open
Paint Branch	1,801	1,899	94.8%	Adequate	Open
Poolesville	1,087	1,107	98.2%	Adequate	Open
Quince Orchard	1,767	1,741	101.5%	Adequate	Open
Rockville	1,334	1,539	86.7%	Adequate	Open
Seneca Valley	1,334	1,491	89.5%	Adequate	Open
Sherwood	1,789	2,004	89.3%	Adequate	Open
Springbrook	1,600	2,090	76.6%	Adequate	Open
Watkins Mill	1,615	1,885	85.7%	Adequate	Open
Wheaton	1,284	1,416	90.7%	Adequate	Open
Whitman	1,830	1,873	97.7%	Adequate	Open
Wootton	2,235	2,073	107.8%	<b>Inadequate</b>	<b>School Facility Payment</b>

Status of each cluster assumes current threshold for school facility payment (utilization >105%), and moratorium (utilization >120%)

6-9-9

### MCPS Enrollment by School Level



\*Other Enrollment\* Includes Special Program Centers, Alternative Programs, and Gateway to College. These programs are combined with grade enrollment projections for FY11-16.





## MCPS Affordability Reconciliation – No. 056516

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Miscellaneous Projects  
Public Schools  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

January 20, 2010  
No  
None.  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	0	0	0	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	-9,171	0	0	-9,171	-2,196	-25,452	16,715	4,462	-1,380	-1,320	0
<b>Total</b>	<b>-9,171</b>	<b>0</b>	<b>0</b>	<b>-9,171</b>	<b>-2,196</b>	<b>-25,452</b>	<b>16,715</b>	<b>4,462</b>	<b>-1,380</b>	<b>-1,320</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

Current Revenue: General	-10,451	0	0	-10,451	-2,196	-2,895	-1,255	-1,405	-1,380	-1,320	0
Current Revenue: Recordation Tax	43,800	0	0	43,800	0	0	0	0	21,900	21,900	0
G.O. Bonds	-7,027	0	0	-7,027	12,376	-9,063	32,404	21,706	-31,900	-32,550	0
Schools Impact Tax	-35,493	0	0	-35,493	-12,376	-13,494	-14,434	-15,839	10,000	10,650	0
<b>Total</b>	<b>-9,171</b>	<b>0</b>	<b>0</b>	<b>-9,171</b>	<b>-2,196</b>	<b>-25,452</b>	<b>16,715</b>	<b>4,462</b>	<b>-1,380</b>	<b>-1,320</b>	<b>0</b>

#### DESCRIPTION

This project reconciles the Board of Education request with the Executive's recommendation.

The Executive's priority of educational excellence has resulted in his supporting over 99 percent of the Board's total request over the six-year period. Fiscal constraints lead the Executive to adjust the annual amounts to be affordable within the CIP. The Executive recommends following the Spending Affordability Guidelines approved by the County Council in October 2009. The Executive will rely on the Board to determine how to revise the school construction schedule to conform to the recommended funding levels.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP
Date First Appropriation    FY01    (\$000)		
First Cost Estimate		
Current Scope                FY01    0		
Last FY's Cost Estimate    0		
Appropriation Request      FY11    -2,196		
Appropriation Request Est.   FY12    -2,895		
Supplemental Appropriation Request    0		
Transfer                        0		
Cumulative Appropriation                0		
Expenditures / Encumbrances            0		
Unencumbered Balance                    0		
Partial Closeout Thru            FY08    0		
New Partial Closeout            FY09    0		
Total Partial Closeout                    0		

Recommended

## State Aid Reconciliation -- No. 896536

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Miscellaneous Projects  
Public Schools  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

January 08, 2010  
No  
None.  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	0	0	0	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	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>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	-273,912	-43,912	0	-230,000	-30,000	-40,000	-40,000	-40,000	-40,000	-40,000	0
State Aid	273,912	43,912	0	230,000	30,000	40,000	40,000	40,000	40,000	40,000	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**DESCRIPTION**

This project shows assumed state aid for FY 2011 and beyond. When actual state aid is known for specific projects, the amount of such aid is shown in those projects and then this PDF is zeroed out for the budget year.

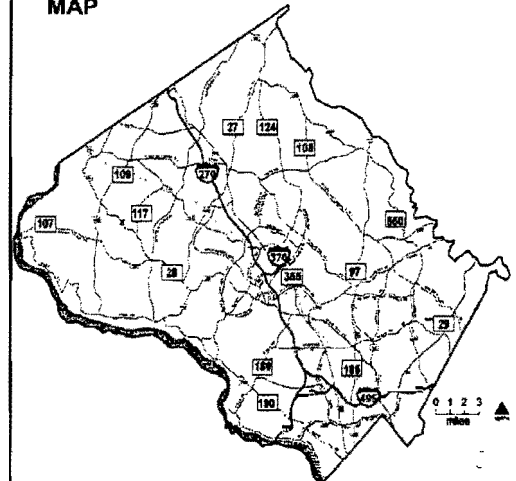
**OTHER DISCLOSURES**

- MCPS asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

APPROPRIATION AND EXPENDITURE DATA		
Date First Appropriation	FY	(\$000)
First Cost Estimate		
Current Scope	FY96	0
Last FY's Cost Estimate		0
Appropriation Request	FY11	0
Appropriation Request Est.	FY12	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditures / Encumbrances		0
Unencumbered Balance		0
Partial Closeout Thru	FY08	50,900
New Partial Closeout	FY09	0
Total Partial Closeout		50,900

**COORDINATION**

**MAP**



**Richard Montgomery Cluster ES Solution**

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Individual Schools  
MCPS  
Rockville

Date Last Modified January 26, 2010  
Required Adequate Public Facility Yes  
Relocation Impact None  
Status

**Expenditures Schedule (\$000)**

Cost Element	Total	Thru FY07	Est. FY08	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	710			710			355	213	142		
Land	0			0							
Site Improvements and Utilities	955			955				764	191		
Construction	4,536			4,536				907	1,361	2,268	
Other	450			450					94	356	
<b>Total</b>	<b>6,651</b>			<b>6,651</b>			<b>355</b>	<b>1,884</b>	<b>1,788</b>	<b>2,624</b>	

**Funding Schedule (\$000)**

GO Bonds	6,651			6,651			355	1,884	1,788	2,624	
<b>Total</b>	<b>6,651</b>			<b>6,651</b>			<b>355</b>	<b>1,884</b>	<b>1,788</b>	<b>2,624</b>	

**Operating Budget Impact (\$000)**

Energy											
Maintenance											
Program Staff											
<b>Net Impact</b>											

**Description**

Due to increasing enrollment growth, this project includes funds to design and construct eight permanent elementary school classrooms in the Richard Montgomery Cluster. These additional classrooms would meet capacity requirements under the Growth Policy, avoiding a residential moratorium in the Richard Montgomery Cluster. The County Council anticipates that ultimately the Board of Education will request one or more specific projects that will add these classrooms by the start of the 2016-2017 school year, and that these funds would be used for that purpose.

**Capacity**

Teaching Stations Added: 8

Appropriation and Expenditure Data	Coordination	Map
Date First Appropriation (\$000)	Mandatory Referral - M-NCPPC	
First Cost Estimate Current Scope	6,651 Department of Environmental Protection	
Last FY's Cost Estimate	Building Permits:	
Appropriation Request FY11	Code Review	
Appropriation Request Est. FY12	Fire Marshall	
Supplemental Approp. Request	Department of Transportation	
Transfer	Inspections	
Cumulative Appropriation	Sediment Control	
Expenditures/Encumbrances	Stormwater Management	
Unencumbered Balance	WSSC Permits	
Partial FY09		
New Partial Closeout FY10		
Total Partial Closeout		

# Bradley Hills ES Addition -- No. 116503

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Individual Schools  
MCPS  
Bethesda-Chevy Chase

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

November 16, 2009  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	1,170	0	0	1,170	585	351	234	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	2,032	0	0	2,032	0	1,626	406	0	0	0	0
Construction	10,442	0	0	10,442	0	2,088	3,133	5,221	0	0	0
Other	605	0	0	605	0	0	121	484	0	0	0
<b>Total</b>	<b>14,249</b>	<b>0</b>	<b>0</b>	<b>14,249</b>	<b>585</b>	<b>4,065</b>	<b>3,894</b>	<b>5,705</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	14,249	0	0	14,249	585	4,065	3,894	5,705	0	0	0
<b>Total</b>	<b>14,249</b>	<b>0</b>	<b>0</b>	<b>14,249</b>	<b>585</b>	<b>4,065</b>	<b>3,894</b>	<b>5,705</b>	<b>0</b>	<b>0</b>	<b>0</b>

### OPERATING BUDGET IMPACT (\$000)

Energy				138	0	0	0	46	46	46
Maintenance				264	0	0	0	88	88	88
<b>Net Impact</b>				<b>402</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>134</b>	<b>134</b>	<b>134</b>

#### DESCRIPTION

Enrollment projections indicate that Bradley Hills Elementary School will exceed its capacity by four classrooms or more by the end of the FY 2011-2016 six-year period. Also, student enrollment at elementary schools in the Bethesda-Chevy Chase Cluster has increased dramatically over the past two school years, causing the cluster to be placed in a housing moratorium according to the county's Annual Growth Policy.

Bethesda Elementary School is one of the schools in the Bethesda-Chevy Chase cluster that will exceed capacity throughout the FY 2011-2016 six-year planning period. Students in the western portion of the Bethesda Elementary School service area attend secondary schools in the Wait Whitman Cluster, instead of the secondary schools in the Bethesda-Chevy Chase Cluster.

As part of the Amended FY 2009-2014 Capital Improvements Program (CIP), a feasibility study was conducted during the 2008-2009 school year for an addition to Bradley Hills Elementary School. The scope of the feasibility study was expanded to include the option of accommodating the possible future reassignment of students that currently attend Bethesda Elementary School for Grades K-5 and articulate to secondary schools in the Wait Whitman cluster. The scope of the addition includes additional classrooms and an expansion of the administration suite and multipurpose room to accommodate the possible reassignment of students from Bethesda Elementary School.

Due to the expanded scope of the addition and in order to minimize disruption to the students and staff, the school will be housed at the Radnor Holding Facility during construction. The boundary study will take place in winter 2009 for Board of Education action in March 2010.

An FY 2011 appropriation is requested for planning funds. An FY 2012 appropriation will be requested for construction funds. This project is scheduled to be completed August 2013.

#### CAPACITY

Program Capacity After Project: 638

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP
Date First Appropriation FY11 (\$000)	Mandatory Referral - M-NCPPC	
First Cost Estimate	Department of Environmental Protection	
Current Scope FY 0	Building Permits:	
Last FY's Cost Estimate 0	Code Review	
	Fire Marshal	
Appropriation Request FY11 1,170	Department of Transportation	
Appropriation Request Est. FY12 12,474	Inspections	
Supplemental Appropriation Request 0	Sediment Control	
Transfer 0	Stormwater Management	
	WSSC Permits	
Cumulative Appropriation 0		
Expenditures / Encumbrances 0		
Unencumbered Balance 0		
Partial Closeout Thru FY08 0		
New Partial Closeout FY09 0		
Total Partial Closeout 0		

# Clarksburg Cluster ES (Clarksburg Village Site #1) -- No. 116504

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Individual Schools  
MCPS  
Clarksburg

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

November 13, 2009  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	1,567	0	0	1,567	784	470	313	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	4,699	0	0	4,699	0	3,759	940	0	0	0	0
Construction	20,800	0	0	20,800	0	4,160	6,240	10,400	0	0	0
Other	900	0	0	900	0	0	180	720	0	0	0
<b>Total</b>	<b>27,966</b>	<b>0</b>	<b>0</b>	<b>27,966</b>	<b>784</b>	<b>8,389</b>	<b>7,673</b>	<b>11,120</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	27,966	0	0	27,966	784	8,389	7,673	11,120	0	0	0
<b>Total</b>	<b>27,966</b>	<b>0</b>	<b>0</b>	<b>27,966</b>	<b>784</b>	<b>8,389</b>	<b>7,673</b>	<b>11,120</b>	<b>0</b>	<b>0</b>	<b>0</b>

#### DESCRIPTION

The Clarksburg Master Plan, approved in 1994, allows for the potential development of 15,000 housing units. Development of this community resulted in the formation of a new cluster of schools. Elementary School enrollment projections in the Clarksburg Cluster continue to increase dramatically throughout the FY 2011-2016 six-year CIP. This continued growth justifies the need for the opening of another elementary school in the Clarksburg Cluster. The new elementary school is intended to relieve overutilization at Cedar Grove, Clarksburg, and Little Bennett elementary schools.

An FY 2011 appropriation is requested for planning funds. An FY 2012 appropriation will be requested for construction funds. The project is scheduled to be completed by August 2013.

#### CAPACITY

Program Capacity After, Project: 740

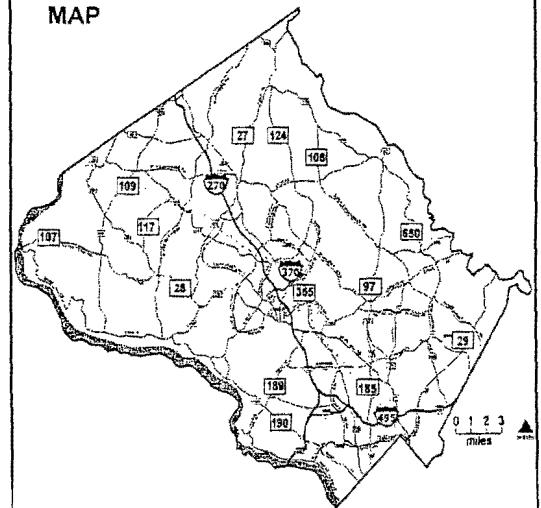
#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY11	(\$000)
First Cost Estimate		
Current Scope	FY	0
Last FY's Cost Estimate		0
Appropriation Request	FY11	1,567
Appropriation Request Est.	FY12	25,498
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditures / Encumbrances		0
Unencumbered Balance		0
Partial Closeout Thru	FY08	0
New Partial Closeout	FY09	0
Total Partial Closeout		0

#### COORDINATION

Mandatory Referral - M-NCPPC  
Department of Environmental Protection  
Building Permits:  
Code Review  
Fire Marshal  
Department of Transportation  
Inspections  
Sediment Control  
Stormwater Management  
WSSC Permits

#### MAP



# Clarksburg HS Addition -- No. 116505

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Individual Schools  
MCPS  
Clarksburg

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

November 10, 2009  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	937	0	0	937	0	469	281	187	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,812	0	0	1,812	0	0	1,450	362	0	0	0
Construction	8,591	0	0	8,591	0	0	1,718	2,578	4,295	0	0
Other	675	0	0	675	0	0	0	135	540	0	0
<b>Total</b>	<b>12,015</b>	<b>0</b>	<b>0</b>	<b>12,015</b>	<b>0</b>	<b>469</b>	<b>3,449</b>	<b>3,262</b>	<b>4,835</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	12,015	0	0	12,015	0	469	3,449	3,262	4,835	0	0
<b>Total</b>	<b>12,015</b>	<b>0</b>	<b>0</b>	<b>12,015</b>	<b>0</b>	<b>469</b>	<b>3,449</b>	<b>3,262</b>	<b>4,835</b>	<b>0</b>	<b>0</b>

### OPERATING BUDGET IMPACT (\$000)

Energy				160	0	0	0	0	80	80
Maintenance				304	0	0	0	0	152	152
<b>Net Impact</b>				<b>464</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>232</b>	<b>232</b>

#### DESCRIPTION

The Clarksburg Master Plan, approved in 1994, allows for the potential development of 15,000 housing units. Development of this community resulted in the formation of a new cluster of schools. Enrollment projections at Clarksburg High School reflect a need for an 18-classroom addition. Clarksburg High School has a program capacity for 1,566 students. Enrollment is expected to reach 1,958 students by the 2014-2015 school year. A feasibility study was conducted in FY 2009 to determine the cost and scope of the project.

An FY 2012 appropriation will be requested to begin planning this addition project. An FY 2013 appropriation will be requested for construction funds. This addition is scheduled to be completed by August 2014.

#### CAPACITY

Program Capacity after Project: 1,971

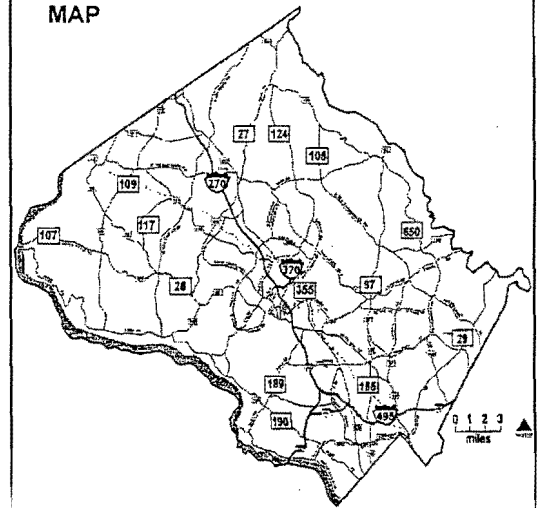
#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY	(\$000)
First Cost Estimate	FY	0
Current Scope		0
Last FY's Cost Estimate		0
Appropriation Request	FY11	0
Appropriation Request Est.	FY12	937
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditures / Encumbrances		0
Unencumbered Balance		0
Partial Closeout Thru	FY08	0
New Partial Closeout	FY09	0
Total Partial Closeout		0

#### COORDINATION

Mandatory Referral - M-NCPPC  
Department of Environment Protection  
Building Permits:  
Code Review  
Fire Marshal  
Department of Transportation  
Inspections  
Sediment Control  
Stormwater Management  
WSSC Permits

#### MAP



# Clarksburg/Damascus MS (New) -- No. 116506

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Individual Schools  
MCPS  
Clarksburg

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

November 16, 2009  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	2,794	0	0	2,794	0	0	1,397	838	559	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	7,466	0	0	7,466	0	0	0	5,973	1,493	0	0
Construction	32,688	0	0	32,688	0	0	0	6,538	9,806	16,344	0
Other	1,400	0	0	1,400	0	0	0	0	280	1,120	0
<b>Total</b>	<b>44,348</b>	<b>0</b>	<b>0</b>	<b>44,348</b>	<b>0</b>	<b>0</b>	<b>1,397</b>	<b>13,349</b>	<b>12,138</b>	<b>17,464</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	44,348	0	0	44,348	0	0	1,397	13,349	12,138	17,464	0
<b>Total</b>	<b>44,348</b>	<b>0</b>	<b>0</b>	<b>44,348</b>	<b>0</b>	<b>0</b>	<b>1,397</b>	<b>13,349</b>	<b>12,138</b>	<b>17,464</b>	<b>0</b>

#### DESCRIPTION

The Clarksburg Master Plan, approved in 1994, allows for the potential development of 15,000 housing units. Development of this community resulted in the formation of a new cluster of schools. Enrollment projections at Rocky Hill Middle School continue to increase dramatically throughout the FY 2011-2016 six-year CIP. This continued growth justifies the need for the opening of another middle school to serve the Clarksburg/Damascus service areas.

Rocky Hill Middle School has a program capacity for 939 students. Enrollment is expected to reach 1,411 students by the 2015-2016 school year. A feasibility study was conducted in FY 2009 to determine the cost and scope of the project. The proposed middle school will have a program capacity of 988.

An FY 2013 appropriation will be requested to begin planning this new middle school. An FY 2014 appropriation will be requested for construction funds. This project is scheduled to be completed by August 2015.

#### CAPACITY

Program Capacity after Project: 988

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP
Date First Appropriation FY (\$000)	Mandatory Referral - M-NCPPC	
Department of Environment Protection	Building Permits:	
Code Review	Fire Marshal	
Department of Transportation	Inspections	
Sediment Control	Stormwater Management	
WSSC Permits		
Cumulative Appropriation		
Expenditures / Encumbrances		
Unencumbered Balance		
Partial Closeout Thru FY08		
New Partial Closeout FY09		
Total Partial Closeout		

(25)

## Darnestown ES Addition -- No. 116507

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Individual Schools  
MCPS  
Darnestown

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

November 10, 2009  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	932	0	0	932	466	280	186	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,307	0	0	1,307	0	1,046	261	0	0	0	0
Construction	8,486	0	0	8,486	0	1,696	2,547	4,243	0	0	0
Other	375	0	0	375	0	0	75	300	0	0	0
<b>Total</b>	<b>11,100</b>	<b>0</b>	<b>0</b>	<b>11,100</b>	<b>466</b>	<b>3,022</b>	<b>3,069</b>	<b>4,543</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	11,100	0	0	11,100	466	3,022	3,069	4,543	0	0	0
<b>Total</b>	<b>11,100</b>	<b>0</b>	<b>0</b>	<b>11,100</b>	<b>466</b>	<b>3,022</b>	<b>3,069</b>	<b>4,543</b>	<b>0</b>	<b>0</b>	<b>0</b>

### OPERATING BUDGET IMPACT (\$000)

Energy				171	0	0	0	57	57	57
Maintenance				330	0	0	0	110	110	110
<b>Net Impact</b>				<b>501</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>167</b>	<b>167</b>	<b>167</b>

#### DESCRIPTION

Enrollment projections at Darnestown Elementary School reflect a need for a 10-classroom addition. Darnestown Elementary School has a program capacity for 273 students. Enrollment is expected to reach 390 students by the 2013-2014 school year. A feasibility study was conducted in FY 2009 to determine the cost and scope of the project.

An FY 2011 appropriation is requested to begin planning this addition. An FY 2012 appropriation will be requested for construction funds. This project is scheduled to be completed by August 2013.

#### CAPACITY

Program Capacity after Addition: 455

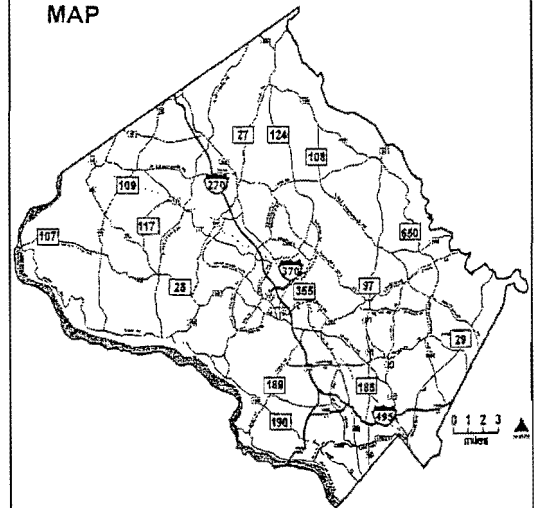
#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY11	(\$000)
First Cost Estimate	FY	0
Current Scope	FY	0
Last FY's Cost Estimate		0
Appropriation Request	FY11	932
Appropriation Request Est.	FY12	9,793
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditures / Encumbrances		0
Unencumbered Balance		0
Partial Closeout Thru	FY08	0
New Partial Closeout	FY09	0
Total Partial Closeout		0

#### COORDINATION

Mandatory Referral - M-NCPPC  
Department of Environment Protection  
Building Permits:  
Code Review  
Fire Marshall  
Department of Transportation  
Inspections  
Sediment Control  
Stormwater Management  
WSSC Permits

#### MAP





# Downcounty Consortium ES #29 (Reopening of McKenne -- No. 096509)

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Countywide  
MCPS  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

November 16, 2009  
No  
None  
Under Construction

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	2,140	0	642	1,498	856	642	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	5,280	0	0	5,280	3,168	2,112	0	0	0	0	0
Construction	23,280	0	0	23,280	4,656	9,312	9,312	0	0	0	0
Other	950	0	0	950	0	760	190	0	0	0	0
<b>Total</b>	<b>31,650</b>	<b>0</b>	<b>642</b>	<b>31,008</b>	<b>8,680</b>	<b>12,826</b>	<b>9,502</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	31,650	0	642	31,008	8,680	12,826	9,502	0	0	0	0
<b>Total</b>	<b>31,650</b>	<b>0</b>	<b>642</b>	<b>31,008</b>	<b>8,680</b>	<b>12,826</b>	<b>9,502</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### OPERATING BUDGET IMPACT (\$000)

Energy				796	0	0	199	199	199	199
Maintenance				1,524	0	0	381	381	381	381
<b>Net Impact</b>				<b>2,320</b>	<b>0</b>	<b>0</b>	<b>580</b>	<b>580</b>	<b>580</b>	<b>580</b>

#### DESCRIPTION

The reopening of McKenney Hills Elementary School is requested to relieve overutilization at Oakland Terrace and Woodlin elementary schools. Oakland Terrace Elementary School has a program capacity of 456. Enrollment is projected to reach 942 students by the 2012-2013 school year. Woodlin Elementary School has a program capacity of 386. Enrollment is projected to reach 541 students by the 2012-2013 school year.

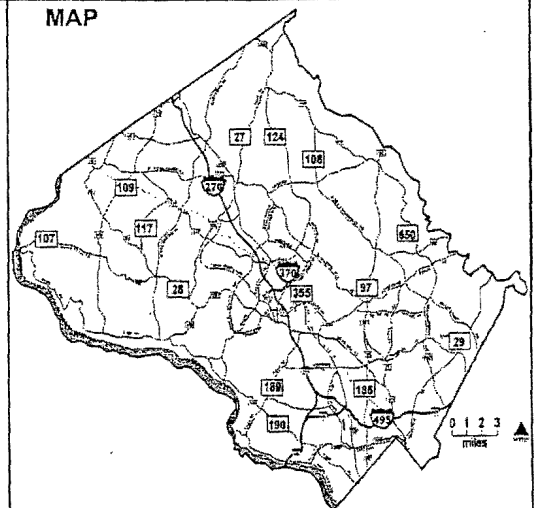
An FY 2010 appropriation was approved for planning funds. An FY 2011 appropriation is requested for construction funds. This reopening is scheduled to be completed by August 2012.

#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY10	(\$000)
First Cost Estimate		
Current Scope	FY	0
Last FY's Cost Estimate		29,523
Appropriation Request	FY11	28,560
Appropriation Request Est.	FY12	951
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		2,139
Expenditures / Encumbrances		0
Unencumbered Balance		2,139
Partial Closeout Thru	FY08	0
New Partial Closeout	FY09	0
Total Partial Closeout		0

#### COORDINATION

#### MAP



# Georgian Forest ES Addition -- No. 116508

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Individual Schools  
MCPS  
Silver Spring

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

November 10, 2009  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	897	0	0	897	449	269	179	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,272	0	0	1,272	0	1,018	254	0	0	0	0
Construction	8,006	0	0	8,006	0	1,601	2,402	4,003	0	0	0
Other	445	0	0	445	0	0	89	356	0	0	0
<b>Total</b>	<b>10,620</b>	<b>0</b>	<b>0</b>	<b>10,620</b>	<b>449</b>	<b>2,888</b>	<b>2,924</b>	<b>4,359</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	10,620	0	0	10,620	449	2,888	2,924	4,359	0	0	0
<b>Total</b>	<b>10,620</b>	<b>0</b>	<b>0</b>	<b>10,620</b>	<b>449</b>	<b>2,888</b>	<b>2,924</b>	<b>4,359</b>	<b>0</b>	<b>0</b>	<b>0</b>

### OPERATING BUDGET IMPACT (\$000)

Energy				168	0	0	0	56	56	56
Maintenance				321	0	0	0	107	107	107
<b>Net Impact</b>				<b>489</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>163</b>	<b>163</b>	<b>163</b>

#### DESCRIPTION

Enrollment projections at Georgian Forest Elementary School reflect a need for a 14-classroom addition. Georgian Forest Elementary School has a program capacity for 308 students. Enrollment is expected to reach 544 students by the 2013-2014 school year. A feasibility study was conducted in FY 2009 to determine the cost and scope of the project.

An FY 2011 appropriation is requested to begin planning this addition. An FY 2012 appropriation will be requested for construction funds. This project is scheduled to be completed by August 2013.

#### CAPACITY

Program Capacity after Project: 547

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP
Date First Appropriation FY11 (\$000)	Mandatory Referral - M-NCPPC	
First Cost Estimate FY 0	Department of Environmental Protection	
Current Scope FY 0	Building Permits:	
Last FY's Cost Estimate 0	Code Review	
	Fire Marshal	
Appropriation Request FY11 897	Department of Transportation	
Appropriation Request Est. FY12 9,277	Inspections	
Supplemental Appropriation Request 0	Sediment Control	
Transfer 0	Stormwater Management	
	WSSC Permits	
Cumulative Appropriation 0		
Expenditures / Encumbrances 0		
Unencumbered Balance 0		
Partial Closeout Thru FY08 0		
New Partial Closeout FY09 0		
Total Partial Closeout 0		

(2)

## Ridgeview MS - Improvements -- No. 016520

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Individual Schools  
MCPS  
Germantown

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

November 09, 2009  
No  
None  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	1,716	1,201	0	515	343	172	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	172	172	0	0	0	0	0	0	0	0	0
Construction	11,161	3,171	3,097	4,893	2,990	1,903	0	0	0	0	0
Other	475	150	75	250	200	50	0	0	0	0	0
<b>Total</b>	<b>13,524</b>	<b>4,694</b>	<b>3,172</b>	<b>5,658</b>	<b>3,533</b>	<b>2,125</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	12,494	3,664	3,172	5,658	3,533	2,125	0	0	0	0	0
Current Revenue: Recordation Tax	1,030	1,030	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>13,524</b>	<b>4,694</b>	<b>3,172</b>	<b>5,658</b>	<b>3,533</b>	<b>2,125</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

#### DESCRIPTION

Ridgeview Middle School was built in 1975 as an open plan facility. This facility is not scheduled for a modernization in the near future and requires certain improvements to the facility. The original scope of this project was to improve the interior circulation throughout the building, separate vehicular and pedestrian traffic for improved safety for students and faculty, reconfigure the administration suite for improved supervision of students, decentralize large locker banks for improved safety and circulation in the building, properly configure interior classrooms that were initially open space, modify certain mechanical systems, and address egress issues from the building. A feasibility study to determine the scope and cost of this project was completed in FY 2000.

Due to rising construction costs and the need to update the FY 2000 cost estimate, the expenditures for this project were increased in the adopted FY 2007-2012 CIP. An FY 2007 appropriation was approved to continue planning and architectural design for this project.

Due to fiscal constraints and projected revenue shortfalls in the county and state, the Superintendent's Recommended FY 2009-2014 CIP reduced the scope of this project. On November 27, 2007, the Board of Education adopted the Superintendent's recommendation to reduce the scope of the project and requested that MCPS conduct a second feasibility study to determine if the project can be further segmented to identify improvements that could be addressed in the future. Upon completion of the second feasibility study, the new scope of this project was determined and funding will reconfigure the administration suite for improved supervision of students, decentralize the large locker banks for improved safety and circulation in the building, renovate the existing science laboratories, and provide major enhancements to the HVAC system. An FY 2011 appropriation is requested to provide additional funding for this project to address the new scope listed above. This project is scheduled to be completed August 2012.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP
Date First Appropriation	Mandatory Referral - M-NCPPC	See Map on Next Page
First Cost Estimate	Department of Environmental Protection	
Current Scope	Building Permits:	
Last FY's Cost Estimate	Code Review	
	Fire Marshal	
Appropriation Request	Department of Transportation	
Appropriation Request Est.	Inspections	
Supplemental Appropriation Request	Sediment Control	
Transfer	Stormwater Management	
	WSSC Permits	
Cumulative Appropriation		
Expenditures / Encumbrances		
Unencumbered Balance		
Partial Closeout Thru		
New Partial Closeout		
Total Partial Closeout		

# Seven Locks ES Addition/Modernization -- No. 026503

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Individual Schools  
MCPS  
Potomac-Travilah

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

November 16, 2009  
No  
None  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	2,758	1,793	552	413	413	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	3,252	0	0	3,252	1,951	1,301	0	0	0	0	0
Construction	15,477	0	0	15,477	9,286	6,191	0	0	0	0	0
Other	800	0	0	800	640	160	0	0	0	0	0
<b>Total</b>	<b>22,287</b>	<b>1,793</b>	<b>552</b>	<b>19,942</b>	<b>12,290</b>	<b>7,652</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	16,987	1,793	552	14,642	12,290	2,352	0	0	0	0	0
Schools Impact Tax	5,300	0	0	5,300	0	5,300	0	0	0	0	0
<b>Total</b>	<b>22,287</b>	<b>1,793</b>	<b>552</b>	<b>19,942</b>	<b>12,290</b>	<b>7,652</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### OPERATING BUDGET IMPACT (\$000)

Energy				70	0	14	14	14	14	14
Maintenance				240	0	48	48	48	48	48
<b>Net Impact</b>				<b>310</b>	<b>0</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>

#### DESCRIPTION

Enrollment projections for Potomac Elementary School are projected to exceed capacity throughout the six-year planning period. A feasibility study was completed in FY 2001 to determine the cost and scope of an addition at Potomac Elementary School. The County Council, in the Amended FY 2001-2006 CIP, directed the Board of Education to consider building an addition at Seven Locks Elementary School in lieu of an addition at Potomac Elementary School. Planning funds were approved to conduct a feasibility study at Seven Locks Elementary School to determine the scope and cost of an addition at this facility, to accommodate students from Potomac Elementary School. The Board of Education's Requested FY 2005-2010 CIP included a 10-classroom addition to Seven Locks Elementary School to be completed by August 2006, with the school's modernization to be completed by August 2010. On March 22, 2004, the Board of Education adopted a resolution to amend its Requested FY 2005 Capital Budget and FY 2005-2010 Capital Improvements Program (CIP). Included in the resolution was a request to remove funding for the addition planned for Seven Locks Elementary School, as well as funding for its modernization planned in the latter part of the CIP in the Future Replacement/Modernization project. Instead of these two projects, the Board of Education requested funding for a replacement facility for Seven Locks Elementary School, located on the Kendale site, to accommodate students from both Seven Locks Elementary School, as well as students from Potomac Elementary School.

On January 10, 2006, the Board of Education requested a \$3.3 million FY 2006 Special Appropriation and amendment to the FY 2005-2010 CIP to provide additional funding for this project due to rising construction costs. The County Council, on May 11, 2006 voted to deny this request. On May 17, 2006, the County Council approved that Seven Locks Elementary School would be modernized on site and would be completed by January 2012. The County Council also approved that the modernization of Bells Mill Elementary School would be accelerated one year and a boundary study between Potomac, Seven Locks, and Bells Mill elementary schools would be conducted prior to the completion of the modernization of Bells Mill Elementary School to address the overutilization at Potomac Elementary School. The intent of this adopted action by the County Council is to keep the existing Seven Locks Elementary School site a functioning educational facility for students in Kindergarten through Grade 5.

The modernized Seven Locks Elementary School will include additional capacity of approximately four to eight classrooms. This additional capacity will be part of the cluster-wide capacity solution for the Churchill Cluster. An FY 2008 appropriation was approved to begin planning this modernization. An FY 2009 appropriation was approved to continue planning and design of this modernization. An FY 2011 appropriation is requested for construction funds. This modernization is scheduled to be completed by January 2012.

#### CAPACITY

Program Capacity After Project: 4 to 8 classrooms above the current capacity.

Teaching Stations Added: 4 to 8 above the current number of teaching stations.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP
Date First Appropriation      FY01      (\$000)	Mandatory Referral - M-NCPPC	
First Cost Estimate            FY05      14,024	Department of Environmental Protection	
Current Scope	Building Permits:	
Last FY's Cost Estimate       20,950	Code Review	
	Fire Marshall	
Appropriation Request        FY11      19,529	Department of Transportation	
Appropriation Request Est.    FY12      0	Inspections	
Supplemental Appropriation Request      0	Sediment Control	
Transfer                              0	Stormwater Management	
	WSSC Permits	
Cumulative Appropriation      2,758		
Expenditures / Encumbrances    2,410		
Unencumbered Balance          348		
Partial Closeout Thru          FY08      0		
New Partial Closeout          FY09      0		
Total Partial Closeout          0		
		See Map on Next Page

# Somerset ES Addition -- No. 116509

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Individual Schools  
MCPS  
Bethesda-Chevy Chase

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

November 16, 2009  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	201	0	0	201	181	20	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	1,160	0	0	1,160	1,044	116	0	0	0	0	0
Other	155	0	0	155	155	0	0	0	0	0	0
<b>Total</b>	<b>1,516</b>	<b>0</b>	<b>0</b>	<b>1,516</b>	<b>1,380</b>	<b>136</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	1,516	0	0	1,516	1,380	136	0	0	0	0	0
<b>Total</b>	<b>1,516</b>	<b>0</b>	<b>0</b>	<b>1,516</b>	<b>1,380</b>	<b>136</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### OPERATING BUDGET IMPACT (\$000)

Energy				45	0	9	9	9	9	9
Maintenance				85	0	17	17	17	17	17
<b>Net Impact</b>				<b>130</b>	<b>0</b>	<b>26</b>	<b>26</b>	<b>26</b>	<b>26</b>	<b>26</b>

#### DESCRIPTION

Student enrollment at elementary schools in the Bethesda-Chevy Chase Cluster has increased dramatically over the past two school years, causing the cluster to be placed in a housing moratorium according to the county's Annual Growth Policy. Enrollment at Somerset Elementary School, located in the Bethesda-Chevy Chase Cluster, currently exceeds capacity and the school will continue to be overutilized throughout the FY 2011-2016 six-year planning period.

This school sits on one of the smallest sites in the county and cannot accommodate relocatable classrooms. Somerset Elementary School has a program capacity for 433 students. Enrollment is expected to reach 493 students by the 2010-2011 school year. When the school was modernized in 2005, four classrooms were master planned in the third floor of the building.

An FY 2011 appropriation is requested for planning and construction funds to build-out the four-classroom master planned addition. This project is scheduled to be completed during the 2010-2011 school year.

#### CAPACITY

Program Capacity after Project: 525

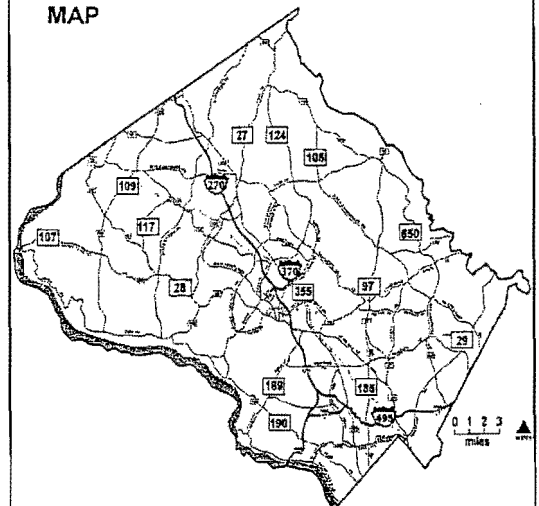
#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY11	(\$000)
First Cost Estimate	FY	0
Current Scope		
Last FY's Cost Estimate		0
Appropriation Request	FY11	1,516
Appropriation Request Est.	FY12	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditures / Encumbrances		0
Unencumbered Balance		0
Partial Closeout Thru	FY08	0
New Partial Closeout	FY09	0
Total Partial Closeout		0

#### COORDINATION

Mandatory Referral - M-NCPPC  
Department of Environmental Protection  
Building Permits:  
Code Review  
Fire Marshal  
Department of Transportation  
Inspections  
Sediment Control  
Stormwater Management  
WSSC Permits

#### MAP



# Viers Mill ES Addition -- No. 116510

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Individual Schools  
MCPS  
Silver Spring

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

November 16, 2009  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	953	0	0	953	477	285	191	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,088	0	0	1,088	0	870	218	0	0	0	0
Construction	8,568	0	0	8,568	0	1,715	2,569	4,284	0	0	0
Other	568	0	0	568	0	0	114	454	0	0	0
<b>Total</b>	<b>11,177</b>	<b>0</b>	<b>0</b>	<b>11,177</b>	<b>477</b>	<b>2,870</b>	<b>3,092</b>	<b>4,738</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	11,177	0	0	11,177	477	2,870	3,092	4,738	0	0	0
<b>Total</b>	<b>11,177</b>	<b>0</b>	<b>0</b>	<b>11,177</b>	<b>477</b>	<b>2,870</b>	<b>3,092</b>	<b>4,738</b>	<b>0</b>	<b>0</b>	<b>0</b>

### OPERATING BUDGET IMPACT (\$000)

Energy				171	0	0	0	57	57	57
Maintenance				330	0	0	0	110	110	110
<b>Net Impact</b>				<b>501</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>167</b>	<b>167</b>	<b>167</b>

#### DESCRIPTION

Enrollment projections at Viers Mill Elementary School reflect a need for a 14-classroom addition. Viers Mill Elementary School has a program capacity for 357 students. Enrollment is expected to reach 661 students by the 2013-2014 school year. A feasibility study was conducted in FY 2009 to determine the cost and scope of the project.

An FY 2011 appropriation is requested to begin planning this addition. An FY 2012 appropriation will be requested for construction funds. This project is scheduled to be completed by August 2013.

#### CAPACITY

Program Capacity after Addition: 702

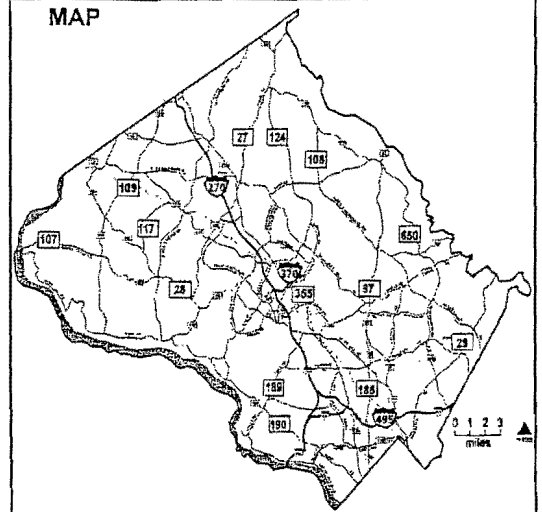
#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY11	(\$000)
First Cost Estimate	FY	0
Current Scope		
Last FY's Cost Estimate		0
Appropriation Request	FY11	953
Appropriation Request Est.	FY12	9,855
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditures / Encumbrances		0
Unencumbered Balance		0
Partial Closeout Thru	FY08	0
New Partial Closeout	FY09	0
Total Partial Closeout		0

#### COORDINATION

Mandatory Referral - M-NCPPC  
Department of Environmental Protection  
Building Permits:  
Code Review  
Fire Marshal  
Department of Transportation  
Inspections  
Sediment Control  
Stormwater Management  
WSSC Permits

#### MAP



# Waters Landing ES Addition -- No. 116511

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Individual Schools  
MCPS  
Germantown

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

November 15, 2009  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 5 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	669	0	0	669	268	267	134	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,277	0	0	1,277	0	766	511	0	0	0	0
Construction	6,481	0	0	6,481	0	2,593	2,592	1,296	0	0	0
Other	400	0	0	400	0	0	250	150	0	0	0
<b>Total</b>	<b>8,827</b>	<b>0</b>	<b>0</b>	<b>8,827</b>	<b>268</b>	<b>3,626</b>	<b>3,487</b>	<b>1,446</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	8,827	0	0	8,827	268	3,626	3,487	1,446	0	0	0
<b>Total</b>	<b>8,827</b>	<b>0</b>	<b>0</b>	<b>8,827</b>	<b>268</b>	<b>3,626</b>	<b>3,487</b>	<b>1,446</b>	<b>0</b>	<b>0</b>	<b>0</b>

### OPERATING BUDGET IMPACT (\$000)

Energy				114	0	0	0	38	38	38
Maintenance				237	0	0	0	79	79	79
<b>Net Impact</b>				<b>351</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>117</b>	<b>117</b>	<b>117</b>

#### DESCRIPTION

Due to enrollment growth at the elementary school level, the Seneca Valley Cluster is in a housing moratorium according to the county's Annual Growth Policy. To lift the moratorium, additional elementary school capacity must be built.

Enrollment projections at Waters Landing Elementary School reflect a need for a 11-classroom addition. Waters Landing Elementary School has a program capacity for 499 students. Enrollment is expected to reach 630 students by the 2013-2014 school year.

An FY 2011 appropriation is requested to begin planning this addition. An FY 2012 appropriation will be requested for construction funds. This project is scheduled to be completed by August 2013.

#### CAPACITY

Program Capacity after Addition: 736

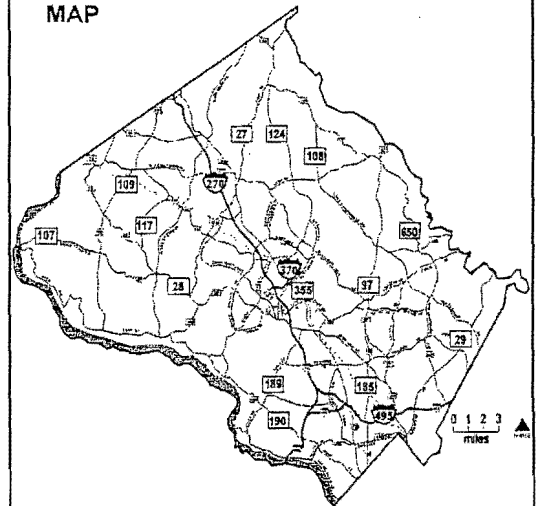
#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY11	(\$000)
First Cost Estimate	FY	0
Current Scope	FY	0
Last FY's Cost Estimate		0
Appropriation Request	FY11	669
Appropriation Request Est.	FY12	7,758
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditures / Encumbrances		0
Unencumbered Balance		0
Partial Closeout Thru	FY08	0
New Partial Closeout	FY09	0
Total Partial Closeout		0

#### COORDINATION

Mandatory Referral - M-NCPPC  
Department of Environmental Protection  
Building Permits:  
Code Review  
Fire Marshall  
Department of Transportation  
Inspections  
Sediment Control  
Stormwater Management  
WSSC Permits

#### MAP



# Westbrook ES Addition -- No. 116512

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Individual Schools  
MCPS  
Bethesda-Chevy Chase

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

November 10, 2009  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	994	0	0	994	497	298	199	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,394	0	0	1,394	0	1,115	279	0	0	0	0
Construction	8,832	0	0	8,832	0	1,767	2,649	4,416	0	0	0
Other	585	0	0	585	0	0	117	468	0	0	0
<b>Total</b>	<b>11,805</b>	<b>0</b>	<b>0</b>	<b>11,805</b>	<b>497</b>	<b>3,180</b>	<b>3,244</b>	<b>4,884</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	11,805	0	0	11,805	497	3,180	3,244	4,884	0	0	0
<b>Total</b>	<b>11,805</b>	<b>0</b>	<b>0</b>	<b>11,805</b>	<b>497</b>	<b>3,180</b>	<b>3,244</b>	<b>4,884</b>	<b>0</b>	<b>0</b>	<b>0</b>

### OPERATING BUDGET IMPACT (\$000)

Energy				159	0	0	0	53	53	53
Maintenance				303	0	0	0	101	101	101
<b>Net Impact</b>				<b>462</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>154</b>	<b>154</b>	<b>154</b>

#### DESCRIPTION

Student enrollment at elementary schools in the Bethesda-Chevy Chase Cluster has increased dramatically over the past two school years, causing the cluster to be placed in a housing moratorium according to the county's Annual Growth Policy. Enrollment projections at Westbrook Elementary School, located in the Bethesda-Chevy Chase Cluster, reflect a need for a 15-classroom addition. Westbrook Elementary School has a program capacity for 293 students. Enrollment is expected to reach 478 students by the 2013-2014 school year.

An FY 2011 appropriation is requested to begin planning this addition project. An FY 2012 appropriation will be requested for construction funds. This project is scheduled to be completed August 2013.

#### CAPACITY

Program Capacity after Addition: 637

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP
Date First Appropriation FY11 (\$000)	Mandatory Referral - M-NCPPC	
First Cost Estimate FY 0	Department of Environmental Protection	
Current Scope FY 0	Building Permits:	
Last FY's Cost Estimate 0	Code Review	
	Fire Marshall	
Appropriation Request FY11 994	Department of Transportation	
Appropriation Request Est. FY12 10,225	Inspections	
Supplemental Appropriation Request 0	Sediment Control	
Transfer 0	Stormwater Management	
	WSSC Permits	
Cumulative Appropriation 0		
Expenditures / Encumbrances 0		
Unencumbered Balance 0		
Partial Closeout Thru FY08 0		
New Partial Closeout FY09 0		
Total Partial Closeout 0		

(34)





## **Council Staff Questions Regarding the Board of Education's Requested FY 2011–2016 Capital Improvements Program**

1. Please provide the following additional detail regarding the Montgomery County Public Schools' (MCPS) Capital Improvements Program (CIP):

- a. Summary chart of costs (by year and by subproject) for the mods and RROCs projects

**Response: The chart for the modernization subprojects and RROCS projects is attached for Council staff use (Attachment 1).**

- b. Bruce: Please provide Keith with the Excel spreadsheet with enrollment and capacity by school/cluster that you have provided in the past. Note: Keith will forward questions regarding the capacity projects later.

**Response: This information was previously provided.**

- c. Bruce: Please provide Keith with the percentage allocations for schools with split matriculations.

**Response: This information was previously provided.**

2. What has your construction cost experience been over the past year?

- a. Please provide "per square foot" costs for new construction, additions, and full renovations based on actual bid experience in CY 2009 (please provide examples of actual projects bid).

- b. How do these costs compare to CY 2008 experience?

- c. What does the FY 11-16 MCPS CIP assume for similar projects?

**Response: Due to the market conditions, construction costs decreased approximately 25 percent over the past year compared to CY 2008. Please see Attachment 2 for the comparative cost analysis. Anticipating that the current market conditions will continue for the next 1–1½ years, the project estimates included in the requested CIP were developed based on current construction market costs. If the construction market conditions drastically change within the next couple of years, increasing the construction costs or significant adjustments to construction schedules will be required.**

3. Has MCPS put in place its new Asset Management System? Is MCPS using the data from this system to build its systemic project schedules? If yes, please provide more details as to how this system works and the assumptions used.

**Response:** MCPS continues to collect asset data to enter into the Maximo system. The Roof and HVAC Replacement programs and certain asset replacements in the PLAR program utilize the data collected and entered into the Maximo system to identify and generate project lists for each program. The Maximo system generates the lists of assets that need to be replaced based on life expectancy of assets. The priority of the projects in each program is based on the assessment of asset conditions, age/life cycle, replacement costs, and alignment with other capital projects in the CIP.

4. MCPS is recommending increases in the levels of spending of many of its systemic projects (either in just the first year or across the six-year period). For each project where there is a recommended increase. Please describe the rationale(s) for the increase:

- Increased costs (to do the same work)

**Response:** There is a 10 percent increase across the six-year period in the Fire Safety Code Upgrades, Planned Life-cycle Asset Replacement (PLAR) and Roof Replacement capital projects to allow for inflation. There continues to be annual increases in material and equipment costs, especially for systems that utilize unstable commodities such as petroleum-based roofing, paving asphalt products, steel lockers, and plastic restroom partitions. Also, increases are due to code updates and new regulations.

- Acceleration of work (doing more work)

**Response:** There are increased work demands for countywide systemic capital projects as a result of continued reduction in state funding and increased project requests due to aging infrastructure as well as the pace of the modernization schedule due to fiscal constraints. The countywide systemic projects are challenged with the need to accelerate the replacement of essential facility components that have exceeded their life cycles, as well as the need to repair components with increased risk of failure, that results in the increase of routine and emergency maintenance expenditures.

- Increased scope of work

**Response:** There are new mandates that require MCPS to increase the scope of work for certain countywide systemic projects. For example, the mandate to identify and abate PCB caulking, lead paint, and/or develop alternate measures and work practices that are in compliance with the regulatory authorities. Also, there is an increased cost associated with the need to coordinate and monitor new mandate requirements. For example, the Montgomery County Government Fire Code which specifies that all contractors performing any work on life safety systems must be certified and must obtain permits for all life safety equipment repairs and replacements. There have been various increases to the general scope of these countywide systemic projects in several areas that have impacted not only the cost but also the time required to complete these projects. In some cases, this has reduced the number of projects that can be performed during the 10-week window in the summer when buildings are not occupied by students.

**For the Americans with Disabilities Act Compliance project, the FY 2011 increase is due to an elevator addition at Damascus Elementary School. The increases shown in FY 2012–FY 2016 are to address the accessibility deficiencies identified by the United States Department of Justice at polling places and at high schools that are designated as emergency shelters.**

**For the Heating, Ventilation, and Air Conditioning (HVAC) Replacement project, the increase in the funding request is to address the current backlog of HVAC systems. By reducing the backlog and replacing the outdated HVAC systems, we ensure the longevity of our school buildings, increase the energy efficiency of our school buildings, and provide optimum learning environment in our schools.**

5. If the systemic projects were to be kept at the same 6 year “level of work” as in the Approved FY09-14 CIP, given current construction cost trends what percent increase or decrease would be experienced in each project?

**Response: If the approved FY 2009-2014 CIP level of funding was maintained, the backlog of HVAC system projects would increase and the number of projects to be completed would go from 77 to 31 projects over the six-year period. This represents over a 60 percent reduction of critical projects that require immediate attention. Maintaining the approved level of funding poses a far greater monetary effect if system failures occur prior to replacement, as well as energy costs due to the inefficient systems.**

**Based on the recent bid information, larger HVAC projects are bidding approximately 10–15 percent lower than CY 2008. However, there has been no significant reduction in bid costs for smaller HVAC projects. While the requested CIP has included these cost adjustments, there are more small scale HVAC projects than large scale projects. Therefore, we cannot assume a large increase in the number of projects completed with the same funding as in the previous CIP.**

**For the ADA Compliance project, the increase in expenditures over the six-year period in the requested CIP is fairly minimal and is a result of the need to comply with ADA regulations. Most of the ADA Compliance projects are relatively small and the bid data shows no indication of significant reduction in bid costs.**

**For the other countywide projects, the general reduction of work would be approximately 25 percent, taking into consideration the various increases to cost and scope of work as identified in the response to Question 4.**

6. For those systemic projects where you have first year and/or multi-year schedules, please provide these schedules. If not, please estimate the number of schools and type of work assumed to be addressed each year.

**Response: The number of schools and the type of work that will be performed through our countywide systemic projects depends on the specific project. For example, on Appendix F of the Superintendent’s Recommended FY 2011 Capital Budget and the FY 2011–2016 CIP, there are 283 projects listed, completed over this past summer through the Planned Life-Cycle Asset Replacement program. Similar projects (number and types)**

are anticipated to be completed this summer. The Roof Replacement PDF as well as the HVAC PDF included in the Board of Education's Requested CIP lists the schools that will have projects for FY 2011.

7. How does the modernization schedule affect these projects? How soon does a school have to have a mod scheduled for work to be deferred at a school?

**Response:** Generally, schools on the modernization schedule that have expenditures in the six-year CIP are not included in the HVAC Replacement program. However, in some instances, an HVAC project cannot be deferred due to the imminent failure of the system. In this situation, the project would be designed in such a way that the HVAC equipment installed could be reused or relocated to another facility.

8. Please provide MCPS' most recent study of its bus depot needs (both capacity and condition).

**Response:** Please see Attachments 3.

9. Please detail all new positions requested in the CIP, listed by project, title, whether new or shifted from the operating budget, and whether full or part time. What is the status of the three positions requested in FY10 that were added as conditional, non-permanent positions?

**Response:** The Design and Construction Management PDF indicates 44 staff, an increase of four from FY 2010. The increase is due to the transfer of three HVAC conditional, non-permanent positions from the HVAC Replacement PDF and the addition of an Assistant to the Director position in the Division of Construction. Therefore, the net increase is one new position. The Assistant to the Director position is a full-time position created and filled to assist the director in management of the division and its increased workload. Of the three HVAC conditional, non-permanent positions approved in the FY 2010, one position was filled in August of 2009 and interviews are proceeding to fill remaining two positions.

There is also one new position in the PLAR PDF and the County Water Compliance PDF. The PLAR position will support one additional Contract Assistant II to assume the responsibilities of playground renovation project management and to centralize the asphalt and concrete project development and contract management duties for the Contract Office. The County Water Compliance position will support Environmental Specialist to manage the development and coordination of the pollution prevention plans and conduct onsite reviews to confirm and evaluate plan implementation, identify and facilitate any necessary corrective actions, and also provide additional training as identified in the pollution prevention plans.

10. The Building Modifications and Improvements project has previously been requested a year or two at a time and tied to specific projects. The FY11-16 request appears to change this practice to a level of effort project with funds in all years. What is the rationale for this change? Are there specific projects identified in each year, or an anticipated level of effort?

**Response:** Since the inception of this project in FY 2006, the request for building modifications and program improvements has increased steadily. Currently, there is a

**backlog of potential projects that could be addressed during the six-year CIP; and, therefore, the Board of Education's request included a level of effort funding for this countywide project.**

11. The Improved Safe Access to Schools project has previously been requested as a level of effort project with funds in all years but is now showing funds in only FY11 and FY12. What is the rationale for this change? Why were the funds removed from later years?

**Response: In the past, the requests for safe access projects could be identified and prioritized over the six-year period. Currently, safe access projects are identified on an annual basis, and therefore, MCPS will evaluate the funding for this project every odd-numbered fiscal year.**

12. Please provide additional detail on the process used to develop the new list of schools for the Restroom Renovation Project. How were the 71 additional schools identified? What were the criteria or rating system? What is the anticipated scope of work per project? What type of renovation or repair would not be included in this project? How does this list coordinate with the modernization and addition schedule?

**Response: There were a total of 110 schools, including holding facilities that were assessed for the second round of restroom renovations. The schools included in the second round were all built or modernized between 1985 and 1999. Of the 110 schools assessed, based on the funding requested by the Board of Education, 71 schools are proposed for restroom renovations in the FY 2011–2016 CIP. The criteria and rating system used to develop the new list of schools was the same criteria and rating system used for the first set of schools. The raw ratings were determined based on an evaluation method using a preset number scale for the assessment of the existing plumbing fixtures, accessories, and room finish materials as of August 2009. The same type of renovation and repair work will be included in the second round of restroom renovations as in the first round; however, ADA modifications also will be included. No schools included in the second round of restroom renovations are on the modernization schedule since all of the schools identified are no more than 25 years old.**

13. Please provide the following information for the Stormwater Discharge and Water Quality Management project.
  - a. What is the status of the stormwater management facilities that are to be transferred to DEP? If the full transfer is not complete, how many facilities remain to be transferred and how much estimated work (and cost) remains to be done before the transfer? Is this work included in the capital project?

**Response: Transfer of stormwater facilities from MCPS to the Department of Environmental Protection is estimated to be 85 percent complete. In FY 2010, MCPS completed repairs at four additional facilities and are waiting on concurrence from the county prior to final transfer. Six hundred thousand dollars were requested in FY 2011–2012 to restore the structures that have not yet been turned over:**

- **19 facilities:** Known to have structures in need of maintenance have not been turned over to the county. The cost to restore these facilities is approximately \$440,000.
  - **11 facilities:** Additional facilities where the county is reviewing the plans to determine maintenance is necessary prior to turning over to the county. It is unknown at this time if the costs will exceed the remaining \$164,000 of the \$600,000 request.
- b. What are the cost elements and assumptions for each year of the FY11-16 request? How much relates to stormwater management, permit compliance, or other facility upgrades?

**Response:**

- **Stormwater Management facilities turnover:** \$350,000 first year, \$250,000 second year
- **Permit compliance/facility upgrades at depots** \$100,000 first year, \$100,000 second year
- **MS4 compliance:** \$50,000 for Stormwater Pollution Prevention Training development and miscellaneous expenses.
- **MS4 & NPDES compliance:** \$94,000 for staff dedicated to project development, coordination, oversight, and ongoing training.

**Funds for landscape maintenance costs for the increasing number of above-ground stormwater facilities (bioretention, etc.) are not included in the requested CIP.**

- c. What is the status of the NPDES activities initiated in FY10, including training, facility repair/upgrades, and inventory?

**Response:**

- **Complete:**
  1. **Facility upgrades:** \$100,000 for Randolph tank upgrades as a result of MDE inspections.
  2. **Training/awareness session** for school plant operations staff on illegal dumping.
- **In Progress:**
  1. \$195,000 for facility upgrades.
  2. \$35,000 for Bethesda fueling station underground piping upgrades.
  3. \$160,000 for fuel station canopies.
- **NDPES General Permit Compliance**
  1. \$125,000 for stormwater pollution plans and spill control and countermeasure plans.
    - 90 percent complete for the first facility and 2<sup>nd</sup> facility to begin February 2010.
    - Three additional facilities to be completed by December 2010.

14. The six-year total for the Facility Planning project triples in the FY11-16 request from the approved CIP. It appears from the description that several factors may contribute to this increase. Please discuss the reasons, cost breakdowns where possible, and the questions below.

- a. Is the new FACT assessment for modernizations reflected in the FY11 or FY12 cost increase? How much is the assessment expected to cost? How many schools will be assessed? How will it be accomplished, with staff or contractors? What major factors will be assessed, such as program needs as well as facility needs?

**Response: The new Facilities Assessment and Criteria Testing assessment study is reflected in the requested FY 2011 expenditures. The assessment is estimated to cost approximately \$850,000 and will include 41 schools, as well as the four elementary school holding facilities. The assessment will be conducted by outside contractors. The criteria to be used for the assessment are in the development phase. Various stakeholders will have an opportunity to provide input, and then the criteria will be reviewed by the Board of Education before the assessments begin.**

- b. The PDF references additional site work required in the planning process. Is this reflected in the increased cost? How much does it increase the facility planning process for a given project? Will this cost be offset as a decrease in the eventual stand-alone project?

**Response: Environmental regulations, including the Storm Water Management Act of 2007 (adopted by the Maryland Department of the Environment) in May 2009) and Forest Conservation Laws now require certain design activities to occur during the facility planning phase of a project in order for MCPS to complete the projects as scheduled in the CIP. Such activities include: storm water management concept plan approvals that utilize Environmental Site Design (ESD) techniques; topography surveys; and, Natural Resource Inventory/Forest Stand Delineation (NRI/FSD). These facility planning activities cost an additional \$40,000–100,000 per project depending on the type of project—new school, addition, modernization (elementary, middle, or high school). Since these design activities are completed during the facility planning phase, instead of design phase, the planning funds in the individual projects are reduced by the same amounts.**

15. Artificial Turf: Has MCPS built any funding assumptions about future installation of artificial turf in high school fields into either the FY11-16 CIP request or the FY11 operating budget? Please indicate any funding requested or identified, lease arrangements, and whether the HS Mod designs now include turf fields as part of the POR.

WJ: Please update the status of the turf installation at WJ. What is the anticipated timeframe? Have the funding assumptions changed from the outline provided to the Council in last spring's supplemental discussions? (the assumptions at that time were BSC initial payment, \$335,000, Lease financing, \$451,423, Project contingency funds, \$413,577).

**Response: The standard for high school stadium fields remains grass sod and no funds for artificial turf installation are included in the requested CIP. However, the artificial**



turf for the high school stadium fields will be designed as an add-alternate to modernization projects. If bids are lower than the estimated budget, the artificial turf will be installed as a part of the projects. If the bids are higher than the estimated budget, MCPS will explore alternative ways to finance the artificial turf similar to Richard Montgomery High School and Walter Johnson High School.

The artificial turf installation at Walter Johnson High School is proceeding and will be complete on or before June 30, 2010. The total cost for artificial turf installation at Walter Johnson is \$1,084,625. The funding sources include \$335,000 from Bethesda Soccer, \$350,000 from lease financing, and \$399,625 from the project contingency.

16. Snow removal: I assume MCPS is responsible for snow removal on MCPS property (schools and facilities). Does MCPS perform this work in-house, or contract? What is the FY10 budget for snow removal, and what are current and projected expenditures?

**Response:** MCPS performs snow removal with in-house personnel. When it is determined that in-house staff cannot open schools in a 24-hour period, additional support is provided by contracting with companies on the county bid list. There is no specific line item in the budget for snow removal.

The costs incurred for snow removal include overtime for maintenance and School Plant Operations personnel and contracted services. The expenditures attributable to snow removal activities to date are:

- |                               |                             |
|-------------------------------|-----------------------------|
| • Overtime for MCPS personnel | \$123,596 (through 12/3/09) |
| • Contracted services         | 189,000 (through 12/30/09)  |
| • Salt                        | 13,284                      |
| • Parts for repairs           | 20,000 (approximate)        |

MCPS does not do a projection for snow removal expenditures.

# ADA Compliance: MCPS -- No. 796235

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Countywide  
MCPS  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

October 21, 2009  
No  
None  
On-going

## EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	2,249	0	275	1,974	329	329	329	329	329	329	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	9,909	3,090	793	6,026	1,671	871	871	871	871	871	0
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>12,158</b>	<b>3,090</b>	<b>1,068</b>	<b>8,000</b>	<b>2,000</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>*</b>

## FUNDING SCHEDULE (\$000)

G.O. Bonds	12,158	3,090	1,068	8,000	2,000	1,200	1,200	1,200	1,200	1,200	0
<b>Total</b>	<b>12,158</b>	<b>3,090</b>	<b>1,068</b>	<b>8,000</b>	<b>2,000</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>0</b>

### DESCRIPTION

Federal and State laws require MCPS to provide program accessibility for all of its activities and to consider various forms of accessibility improvements at existing facilities on a continuing basis. While MCPS provides program accessibility in a manner consistent with current laws, a significant number of existing facilities not scheduled for modernization in the current six-year CIP are at least partially inaccessible for a variety of disabling conditions. Some combination of elevators, wheelchair lifts, restroom modifications, and other site-specific improvements are required at many of these facilities. Since disabilities of eligible individuals must be considered on a case-by-case basis, additional modifications such as automatic door openers, access ramps, and curb cuts may be required on an ad hoc basis even in facilities previously considered accessible. The increased mainstreaming of special education students has contributed to modifications to existing facilities. Certain ADA modifications results in significant cost avoidance, since transportation may have to be provided for individuals to other venues or programs.

An FY 2009 appropriation was approved to continue this project at its current level of effort. An FY 2010 appropriation was approved to continue to provide ADA compliance modifications to schools throughout the school system. An FY 2011 appropriation is requested to continue to address requests for accessibility modifications, as well as provide proactive modifications to MCPS facilities. This PDF reflects an increase in expenditures for the six-year period to continue this project.

### OTHER

ADA requirements are addressed in other projects, including many transportation and renovation projects.

### FISCAL NOTE

State Reimbursement: Not eligible

- \* Expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION Advisory Committee for the Handicapped	MAP
Date First Appropriation	FY79	
First Cost Estimate	FY96 16,615	
Current Scope		
Last FY's Cost Estimate	9,715	
Appropriation Request	FY11 2,000	
Appropriation Request Est.	FY12 1,200	
Supplemental Appropriation Request	0	
Transfer	0	
Cumulative Appropriation	4,158	
Expenditures / Encumbrances	2,720	
Unencumbered Balance	1,438	
Partial Closeout Thru	FY08 15,931	
New Partial Closeout	FY09 1,285	
Total Partial Closeout	17,216	

(44)

## Asbestos Abatement: MCPS -- No. 816695

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Countywide  
MCPS  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

October 21, 2009  
No  
None  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	7,768	2,199	733	4,836	806	806	806	806	806	806	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	3,172	830	308	2,034	339	339	339	339	339	339	0
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>10,940</b>	<b>3,029</b>	<b>1,041</b>	<b>6,870</b>	<b>1,145</b>	<b>1,145</b>	<b>1,145</b>	<b>1,145</b>	<b>1,145</b>	<b>1,145</b>	<b>*</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	10,940	3,029	1,041	6,870	1,145	1,145	1,145	1,145	1,145	1,145	0
<b>Total</b>	<b>10,940</b>	<b>3,029</b>	<b>1,041</b>	<b>6,870</b>	<b>1,145</b>	<b>1,145</b>	<b>1,145</b>	<b>1,145</b>	<b>1,145</b>	<b>1,145</b>	<b>0</b>

#### DESCRIPTION

Comprehensive asbestos management services for all facilities in the school system ensure compliance with the existing Federal Asbestos Hazard Emergency Response Act (AHERA). MCPS has produced major cost savings for asbestos abatement by an innovative plan with an in-house team of licensed abatement technicians for its numerous small abatement projects and required semi-annual inspections. Cost containment measures, a more competitive bidding environment, and development of a comprehensive data base and management plan also have contributed to significant expenditure reductions.

MCPS is participating in interdepartmental coordination of various improvement projects in order to share successful and cost effective approaches. This project is based on the approved management plan for all facilities in the system. Actual abatement and the subsequent restoration of facilities are funded through this project.

An FY 2009 appropriation was approved to continue this project at its current level of effort. An FY 2010 appropriation was approved to continue this project. An FY 2011 appropriation is requested to continue funding asbestos abatement projects systemwide. This PDF reflects an increase in expenditures for the six-year period to continue this project.

#### FISCAL NOTE

State Reimbursement: Not eligible

- \* Expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA			COORDINATION			MAP
Date First Appropriation	FY81	(\$000)	Maryland Department of the Environment			
First Cost Estimate			Department of Environmental Protection			
Current Scope	FY96	147,218	State Department of Education			
Last FY's Cost Estimate		8,234	Department of Health			
Appropriation Request	FY11	1,145	\$(000)	FY 11	FY 12-16	
Appropriation Request Est.	FY12	1,145	Salaries and Wages:	817	4085	
Supplemental Appropriation Request		0	Fringe Benefits:	291	1455	
Transfer		0	Workyears:	10	50	
Cumulative Appropriation		4,070				
Expenditures / Encumbrances		3,759				
Unencumbered Balance		311				
Partial Closeout Thru	FY08	25,289				
New Partial Closeout	FY09	0				
Total Partial Closeout		25,289				

(45)

# Building Modifications and Program Improvements -- No. 076506

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Countywide  
MCPS  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

November 19, 2009  
No  
None  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	2,552	752	500	1,300	300	200	200	200	200	200	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	20,682	3,482	3,500	13,700	4,700	1,800	1,800	1,800	1,800	1,800	0
Other	150	150	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>23,384</b>	<b>4,384</b>	<b>4,000</b>	<b>15,000</b>	<b>5,000</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	23,384	4,384	-4,000	15,000	5,000	2,000	2,000	2,000	2,000	2,000	0
<b>Total</b>	<b>23,384</b>	<b>4,384</b>	<b>4,000</b>	<b>15,000</b>	<b>5,000</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>0</b>

#### DESCRIPTION

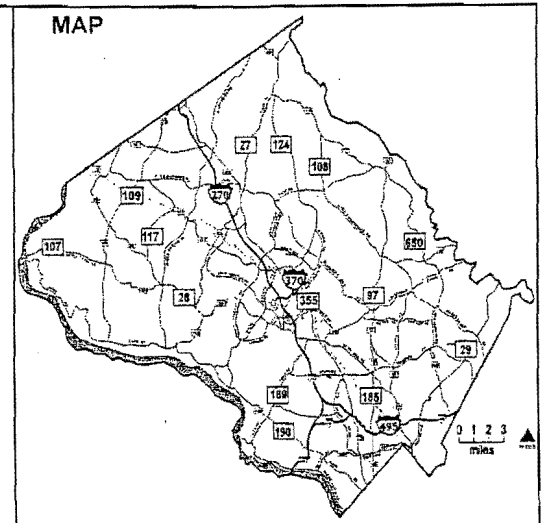
This project will provide facility modifications to support program offerings at schools that are not scheduled for capital improvements in the six-year CIP. These limited modifications to instruction and support spaces are needed to provide adequate space for new or expanded programs and administrative support space for schools that are not included in the modernization program. The approved FY 2007 appropriation will be used to provide modifications to support the middle school magnet programs at A. Mario Loiederman and Argyle middle schools, administrative and guidance suite modifications at Poolesville High School, and various high school laboratory modifications throughout the county. Also, the FY 2007 appropriation will be used at Potomac Elementary School to provide minor modifications to the facility. An amendment to the FY 2007-2012 CIP in the amount of \$558,000 was approved to provide funding for modifications at Thomas S. Wootton High School to accommodate two new computer laboratories for the Academy of Information Technology.

An FY 2009 appropriation was approved to provide facility modifications for the following high schools to accommodate signature or academy programs: Northwest HS for a CISCO Academy Laboratory; Northwood HS for the Musical Dance Academy; Quince Orchard HS for a Digital Art/Music Laboratory; and Wheaton HS for the Project Lead the Way Biomedical Laboratory. The FY 2009 appropriation also will fund science laboratory improvements at Thomas Wootton, Bethesda-Chevy Chase, and Winston Churchill high schools. Also, the FY 2009 appropriation will fund building modifications for Bradley Hills ES, Roberto Clemente and A. Mario Loiederman middle schools, and Damascus, Thomas Edison, Quince Orchard, Wheaton and Thomas Wootton high schools.

An FY 2012 appropriation will be requested to continue to provide facility modifications at various schools throughout the system. Facility modifications in FY 2012 and beyond will be determined based on the need for space modifications/upgrades to support new or modified program offerings.

APPROPRIATION AND EXPENDITURE DATA		
Date First Appropriation	FY07	(\$000)
First Cost Estimate	FY07	0
Current Scope	FY07	0
Last FY's Cost Estimate		15,858
Appropriation Request	FY11	0
Appropriation Request Est.	FY12	2,000
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		13,384
Expenditures / Encumbrances		5,227
Unencumbered Balance		8,157
Partial Closeout Thru	FY08	0
New Partial Closeout	FY09	2,474
Total Partial Closeout		2,474

**COORDINATION**  
Mandatory Referral - M-NCPPC  
Department of Environmental Protection  
Building Permits:  
Code Review  
Fire Marshall  
Department of Transportation  
Inspections  
Sediment Control  
Stormwater Management  
WSSC Permits



416

# Design and Construction Management -- No. 746032

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Countywide  
MCPS  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

October 21, 2009  
No  
None  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	46,375	12,475	4,500	29,400	4,900	4,900	4,900	4,900	4,900	4,900	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>46,375</b>	<b>12,475</b>	<b>4,500</b>	<b>29,400</b>	<b>4,900</b>	<b>4,900</b>	<b>4,900</b>	<b>4,900</b>	<b>4,900</b>	<b>4,900</b>	<b>*</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	46,375	12,475	4,500	29,400	4,900	4,900	4,900	4,900	4,900	4,900	0
<b>Total</b>	<b>46,375</b>	<b>12,475</b>	<b>4,500</b>	<b>29,400</b>	<b>4,900</b>	<b>4,900</b>	<b>4,900</b>	<b>4,900</b>	<b>4,900</b>	<b>4,900</b>	<b>0</b>

#### DESCRIPTION

This project funds positions essential for implementation of the multiyear capital improvements program. Personnel provide project administration, in-house design, and engineering services in the Department of Facilities Management and the Division of Construction.

An FY 2007 appropriation was approved to shift funds for one staff person and expenditures for legal fees and other non-reimbursable costs from the ALARF PDF to this project, as well as for salary step and COLA increases for current staff. An FY 2008 appropriation was approved for salary step and COLA increases for current staff. An FY 2009 appropriation was approved for legal fees and other non-reimbursable costs associated with MCPS real estate issues, salary step and COLA increases for current staff, and for two new positions in the Division of Construction. An FY 2010 appropriation was approved for salary step and COLA increases for current staff. An FY 2011 appropriation is requested for salary step and COLA increases for 41 current staff, legal fees and other non-reimbursable costs for MCPS real estate issues, as well as the transfer of three positions previously in the HVAC PDF.

#### FISCAL NOTE

State Reimbursement: Not eligible

- \* Expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION		MAP
Date First Appropriation	FY74	(\$000)	
First Cost Estimate	FY96	19,723	
Current Scope			
Last FY's Cost Estimate		34,975	
Appropriation Request	FY11	4,900	
Appropriation Request Est.	FY12	4,900	
Supplemental Appropriation Request		0	
Transfer		0	
Cumulative Appropriation		16,975	
Expenditures / Encumbrances		13,588	
Unencumbered Balance		3,287	
Partial Closeout Thru	FY08	55,502	
New Partial Closeout	FY09	0	
Total Partial Closeout		55,502	
	\$ (000)	FY 11	FYs 12-16
		Salaries and Wages: 3601	18005
		Fringe Benefits: 900	4500
		Workyears: 44	220

# Energy Conservation: MCPS -- No. 796222

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Countywide  
MCPS  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

October 21, 2009  
No  
None  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	3,090	845	295	1,950	325	325	325	325	325	325	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	16,193	4,541	1,530	10,122	1,687	1,687	1,687	1,687	1,687	1,687	0
Other	615	300	45	270	45	45	45	45	45	45	0
<b>Total</b>	<b>19,898</b>	<b>5,686</b>	<b>1,870</b>	<b>12,342</b>	<b>2,057</b>	<b>2,057</b>	<b>2,057</b>	<b>2,057</b>	<b>2,057</b>	<b>2,057</b>	<b>*</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	19,898	5,686	1,870	12,342	2,057	2,057	2,057	2,057	2,057	2,057	0
<b>Total</b>	<b>19,898</b>	<b>5,686</b>	<b>1,870</b>	<b>12,342</b>	<b>2,057</b>	<b>2,057</b>	<b>2,057</b>	<b>2,057</b>	<b>2,057</b>	<b>2,057</b>	<b>0</b>

### OPERATING BUDGET IMPACT (\$000)

Energy				-3,738	-374	-748	-1,122	-498	-498	-498
Maintenance				-3,480	-348	-696	-1,044	-464	-464	-464
<b>Net Impact</b>				<b>-7,218</b>	<b>-722</b>	<b>-1,444</b>	<b>-2,166</b>	<b>-962</b>	<b>-962</b>	<b>-962</b>

#### DESCRIPTION

The MCPS Energy Conservation Program has saved more than \$34 million since the project began in FY 1978. The project has been reviewed by the Interagency Committee on Energy and Utility Management. The program is designed to reduce energy consumption by improving building mechanical systems, retrofitting building lighting and control systems, and controlling HVAC equipment through computer management systems. Computer systems currently control the operation of most MCPS facilities.

New and modernized schools are built with the latest technological advances to achieve higher levels of energy savings. Energy conservation staff review new construction mechanical guidelines and designs. Staff also inspect and perform computer diagnostics of HVAC installations for operational efficiency and review certain aspects of indoor air quality.

An FY 2005 appropriation was approved to continue this project. The increase in expenditures, beyond the level of effort for this project for FY 2005 and beyond, is due to the need to modernize energy management systems facing obsolescence. Of the over 170 installed energy management systems, many were installed in the 1980s, are approaching the end of their life-cycle, and replacement parts are no longer available. The approved FY 2005 appropriation and the FY 2006 appropriation include \$250K to complete pilot projects and select replacement technologies, including network and web interfaces. The expenditures shown for FY 2007 will achieve an economy of scale by bidding a large package of projects together. Expenditures shown over the six-year period will be used to complete the countywide lighting modernization program at the remaining 31 facilities. Expenditures shown for FY 2008-2010 will be used for the ongoing life-cycle replacement costs of energy management and control systems at over 170 facilities, to support the extension of the program to the remaining facilities, to support a planned program of water conservation projects, and to avoid future backlog in this area. An FY 2006 appropriation was approved to continue this project. An FY 2007 appropriation was approved to continue this project at its current level of effort. An FY 2008 appropriation was approved to continue this project at its current level of effort. An FY 2009 appropriation was approved to continue this project. An FY 2010 appropriation was approved to continue this project at its current level of effort.

An FY 2011 appropriation is requested to continue this project. Energy conservation capital improvements and construction projects are being installed in 20 to 30 schools each year. These projects require additional controls system integration outside the scope of the current budget. Of the 183 energy management system installations, 65 remain to be upgraded or replaced. Expenditures in the six-year period will address the controls system integration, the energy management system upgrades, and continue the countywide lighting modernization schedule.

- \* Expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP												
Date First Appropriation	Montgomery College													
First Cost Estimate	County Government													
Current Scope	Comprehensive Facilities Plan													
Last FY's Cost Estimate	Interagency Committee - Energy and Utilities Management													
Appropriation Request	MCPS Resource Conservation Plan													
Appropriation Request Est.	County Code 8-14a													
Supplemental Appropriation Request														
Transfer														
Cumulative Appropriation														
Expenditures / Encumbrances														
Unencumbered Balance														
Partial Closeout Thru														
New Partial Closeout														
Total Partial Closeout														
	<table border="0"> <tr> <td>\$(000)</td> <td>FY11</td> <td>FY12-16</td> </tr> <tr> <td>Salries and Wages:</td> <td>93</td> <td>465</td> </tr> <tr> <td>Fringe Benefits:</td> <td>33</td> <td>165</td> </tr> <tr> <td>Workyears:</td> <td>1.5</td> <td>7.5</td> </tr> </table>	\$(000)	FY11	FY12-16	Salries and Wages:	93	465	Fringe Benefits:	33	165	Workyears:	1.5	7.5	
\$(000)	FY11	FY12-16												
Salries and Wages:	93	465												
Fringe Benefits:	33	165												
Workyears:	1.5	7.5												

CA

# Fire Safety Code Upgrades -- No. 016532

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Countywide  
MCPS  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

October 21, 2009  
No  
None  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	1,690	650	200	840	140	140	140	140	140	140	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	6,787	2,182	543	4,062	677	677	677	677	677	677	0
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>8,477</b>	<b>2,832</b>	<b>743</b>	<b>4,902</b>	<b>817</b>	<b>817</b>	<b>817</b>	<b>817</b>	<b>817</b>	<b>817</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	8,477	2,832	743	4,902	817	817	817	817	817	817	0
<b>Total</b>	<b>8,477</b>	<b>2,832</b>	<b>743</b>	<b>4,902</b>	<b>817</b>	<b>817</b>	<b>817</b>	<b>817</b>	<b>817</b>	<b>817</b>	<b>0</b>

#### DESCRIPTION

This project addresses sprinklers, escape windows, exit signs, fire alarm devices, exit stairs, and hood and fire suppression systems to comply with annual Fire Marshal inspections.

An FY 2005 appropriation was approved to continue this project at its current level of effort in order to correct fire code violations or required code upgrades. An FY 2006 appropriation was approved to continue this project. An FY 2007 appropriation was approved to continue this project to complete the replacement of a large number of fire alarm systems throughout the school system that are obsolete and/or have far exceeded their anticipated life-cycle. An FY 2008 appropriation was approved to continue this project. Expenditures programmed for FY 2008-2012 will continue this replacement cycle. An FY 2009 appropriation was approved to continue this program at the current level of effort. An FY 2010 appropriation was approved to continue this project. An FY 2011 appropriation is requested to continue this program to maintain code compliance and life-cycle equipment replacement.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION Fire Marshal	MAP
Date First Appropriation FY01 (\$000)		
First Cost Estimate		
Current Scope FY00	0	
Last FY's Cost Estimate	6,547	
Appropriation Request FY11	817	
Appropriation Request Est. FY12	817	
Supplemental Appropriation Request	0	
Transfer	0	
Cumulative Appropriation	3,575	
Expenditures / Encumbrances	3,339	
Unencumbered Balance	236	
Partial Closeout Thru FY08	7,451	
New Partial Closeout FY09	0	
Total Partial Closeout	7,451	

# HVAC (Mechanical Systems) Replacement -- No. 816633

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Countywide  
MCPS  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

November 16, 2009  
No  
None  
On-going

## EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	10,500	0	1,000	9,500	1,500	2,000	1,500	1,500	1,500	1,500	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	104,680	10,180	9,000	85,500	13,500	18,000	13,500	13,500	13,500	13,500	0
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>115,180</b>	<b>10,180</b>	<b>10,000</b>	<b>95,000</b>	<b>15,000</b>	<b>20,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>*</b>

## FUNDING SCHEDULE (\$000)

G.O. Bonds	113,281	10,180	8,101	95,000	15,000	20,000	15,000	15,000	15,000	15,000	0
State Aid	1,899	0	1,899	0	0	0	0	0	0	0	0
<b>Total</b>	<b>115,180</b>	<b>10,180</b>	<b>10,000</b>	<b>95,000</b>	<b>15,000</b>	<b>20,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>0</b>

### DESCRIPTION

This project provides for the systematic replacement of heating, ventilating, air conditioning, automated temperature controls, and plumbing systems for MCPS facilities. This replacement approach is based on indoor environmental quality (IEQ), energy performance, maintenance data, and the modernization schedule. Qualifying systems and/or components are selected based on the above criteria and are prioritized within the CIP through a rating system formula. MCPS is participating in interagency planning and review to share successful and cost effective approaches.

An FY 2005 appropriation was approved to continue to provide heating, ventilating, air conditioning, and plumbing system replacements in facilities that are not scheduled to be modernized. Increases in expenditures shown for FY 2005 and beyond reflect the need to address the backlog of HVAC projects, partially due to the delay in the modernization schedule. For FY 2005, an additional \$745,000 in state aid was included in this project as a result of federal funding, issued by the state, through the Qualified Zone Academy Bond (QZAB) program. An FY 2006 appropriation was approved to continue this project.

An FY 2007 appropriation was approved to continue this project. Expenditures shown in the adopted FY 2007-2012 CIP for this project have increased in order to address the backlog of HVAC projects, as well as the rise in construction costs. An FY 2007 Special Appropriation in the amount of \$160,000 was approved in this project as a result of federal funding, issued by the state, through the Qualified Zone Academy Bond (QZAB) program. An FY 2008 appropriation was approved to continue this level of effort project. An FY 2009 appropriation is requested to continue this level of effort project. An FY 2009 special appropriation of \$252,000 and an FY 2009 transfer of \$523,000 was approved by the County Council on January 27, 2009 for emergency repair work at five schools.

An FY 2010 appropriation and amendment to the FY 2009-2014 CIP was approved to provide an additional \$4.4 million beyond the \$5.6 million in the adopted CIP for this systemic project. The additional funding will begin to address the assessed backlog of HVAC projects that are vital to the successful operation of our school facilities. An FY 2011 appropriation is requested for mechanical systems upgrades and/or replacements at the following schools: Belmont, Cedar Grove, Clopper Mill, Dufief, Gaithersburg, Maryvale, and Wyngate elementary schools; Eastern, Banneker, and Silver Spring International middle schools; Montgomery Blair, Col. Zadok Magruder, Poolesville, and Wheaton/Edison high schools; and Northlake holding facility. The title of this PDF has been changed to more accurately reflect the work accomplished through this project.

### OTHER DISCLOSURES

- MCPS asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.
- \* Expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION CIP Master Plan for School Facilities	MAP
Date First Appropriation	FY81 (\$000)	
First Cost Estimate	FY96 16,388	
Current Scope	FY96 16,388	
Last FY's Cost Estimate	49,336	
Appropriation Request	FY11 15,000	
Appropriation Request Est.	FY12 20,000	
Supplemental Appropriation Request	0	
Transfer	0	
Cumulative Appropriation	20,180	
Expenditures / Encumbrances	12,665	
Unencumbered Balance	7,515	
Partial Closeout Thru	FY08 45,642	
New Partial Closeout	FY09 6,756	
Total Partial Closeout	52,398	



## Improved (Safe) Access to Schools -- No. 975051

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Countywide  
MCPS  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

October 21, 2009  
No  
None  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	1,050	0	350	700	350	350	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	5,187	2,637	850	1,700	850	850	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>6,237</b>	<b>2,637</b>	<b>1,200</b>	<b>2,400</b>	<b>1,200</b>	<b>1,200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	6,237	2,637	1,200	2,400	1,200	1,200	0	0	0	0	0
<b>Total</b>	<b>6,237</b>	<b>2,637</b>	<b>1,200</b>	<b>2,400</b>	<b>1,200</b>	<b>1,200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

#### DESCRIPTION

This project addresses vehicular and pedestrian access to schools. It may involve the widening of a street or roadway, obtaining rights-of-way for school access or exit, or changing or adding entrance/exits at various schools. These problems may arise at schools where there are no construction projects or DOT road projects that could fund the necessary changes.

An FY 2007 appropriation was approved to continue this project. An FY 2008 appropriation was approved to continue to address access, circulation, and vehicular and pedestrian traffic issues at schools throughout the county. For the FY 2009-2014 CIP, the Board of Education approved a \$400,000 increase for each fiscal year of the six-year CIP beyond the approved expenditures in the Amended FY 2007-2012 CIP. On May 22, 2008, the County Council, in the adopted FY 2009-2014 CIP, reduced the Board of Education's request by \$200,000 for each year fiscal year. An FY 2009 appropriation was approved to continue this project. An FY 2010 appropriation was approved to continue this level of effort project.

An FY 2011 appropriation is requested to address access, circulation, and vehicular and pedestrian traffic issues at schools throughout the county. Expenditures are shown for only the first two years of the CIP. Funding beyond the first two years will be reviewed during each on-year of the CIP cycle.

#### FISCAL NOTE

State Reimbursement: not eligible

- \* Expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION STEP Committee	MAP
Date First Appropriation	FY97	
First Cost Estimate	FY97	
Current Scope	1,185	
Last FY's Cost Estimate	10,010	
Appropriation Request	FY11	
Appropriation Request Est.	FY12	
Supplemental Appropriation Request	0	
Transfer	0	
Cumulative Appropriation	3,837	
Expenditures / Encumbrances	2,042	
Unencumbered Balance	1,795	
Partial Closeout Thru	FY08	10,274
New Partial Closeout	FY09	1,373
Total Partial Closeout		11,647

# Planned Life Cycle Asset Repl: MCPS -- No. 896586

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Countywide  
MCPS  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

November 16, 2009  
No  
None  
On-going

## EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	4,840	0	400	4,440	740	740	740	740	740	740	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	9,451	1,898	653	6,900	1,150	1,150	1,150	1,150	1,150	1,150	0
Construction	47,458	16,677	5,143	25,638	4,273	4,273	4,273	4,273	4,273	4,273	0
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>61,749</b>	<b>18,575</b>	<b>6,196</b>	<b>36,978</b>	<b>6,163</b>	<b>6,163</b>	<b>6,163</b>	<b>6,163</b>	<b>6,163</b>	<b>6,163</b>	<b>*</b>

## FUNDING SCHEDULE (\$000)

G.O. Bonds	56,994	14,574	5,442	36,978	6,163	6,163	6,163	6,163	6,163	6,163	0
Qualified Zone Academy Funds	4,152	4,001	151	0	0	0	0	0	0	0	0
Aging School Program	603	0	603	0	0	0	0	0	0	0	0
<b>Total</b>	<b>61,749</b>	<b>18,575</b>	<b>6,196</b>	<b>36,978</b>	<b>6,163</b>	<b>6,163</b>	<b>6,163</b>	<b>6,163</b>	<b>6,163</b>	<b>6,163</b>	<b>0</b>

### DESCRIPTION

This project funds a comprehensive and ongoing plan to replace key facility and site components based on an inventory of their age and conditions. A comprehensive inventory of all such components has been assembled so that replacements can be anticipated and accomplished in a planned and orderly manner. Facility components included in this project are code corrections, physical education facility/field improvements, school facility exterior resurfacing, partitions, doors, lighting, media center security gates, bleachers, communication systems, and flooring.

An FY 2008 transfer of \$1.080 million was approved to to expand the freezer capacity of the Central Food Production Facility, as well as address the electrical needs for the existing data center at CESC. An FY 2008 Special Appropriation in the amount of \$620,000 was approved as a result of federal funding, issued by the state, through the Qualified Zone Academy Bond (QZAB) program/Aging Schools Program (ASP). Also, an FY 2008 Special Appropriation in the amount of \$821,000 was approved as a result of federal funding, issued by the state, through the Qualified Academy Bond (QZAB) program. For the FY 2009-2014 CIP, the Board of Education approved an increase to each of the fiscal years beyond the approved expenditures in the Amended FY 2007-2012 CIP. On May 22, 2008, the County Council, in the adopted FY 2009-2014 CIP, reduced the Board of Education's requested increase by half for each fiscal year. An FY 2009 appropriation was approved to continue this project to address PLAR projects, as well as the replacement of playground equipment and replacement of cafeteria equipment systemwide.

An FY 2009 special appropriation in the amount of \$1.250 million was approved by the County Council on January 27, 2009 to address emergency repairs at Darnestown Elementary School. An FY 2010 appropriation was approved to continue this project. On July 28, 2009 an FY 2010 special appropriation of \$603,000 was approved to provide funding for this program through the state's Aging Schools Program (ASP). An FY 2010 special appropriation in the amount of \$151,000 was approved as a result of federal funding, issued by the state, through the Qualified Academy Bond (QZAB) program.

An FY 2011 appropriation is requested to continue this project to address the aging infrastructure with projects such as exterior resurfacing, repair/replacement of partitions and doors, lighting upgrades/replacement, replacement of media center security gates, repair/replacement of bleachers, communication systems upgrades, and repair/replacement of various flooring. This project also funds playground equipment replacement, tennis court and running track renovations, and cafeteria equipment replacement. The FY 2011 appropriation also will fund one additional position to assume the responsibilities of the management of the playground renovation project, as well as to centralize the asphalt and concrete project development and management duties.

### OTHER DISCLOSURES

- MCPS asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.
- \* Expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP																								
<table border="1"> <tr> <td>Date First Appropriation</td> <td>FY89</td> <td>(\$000)</td> </tr> <tr> <td>First Cost Estimate</td> <td>FY96</td> <td>24,802</td> </tr> <tr> <td>Current Scope</td> <td></td> <td></td> </tr> <tr> <td>Last FY's Cost Estimate</td> <td></td> <td>42,567</td> </tr> </table>	Date First Appropriation	FY89	(\$000)	First Cost Estimate	FY96	24,802	Current Scope			Last FY's Cost Estimate		42,567	<p>CIP Master Plan for School Facilities</p> <table border="1"> <tr> <td></td> <td>FY 11</td> <td>FY 12-16</td> </tr> <tr> <td>Salaries and Wages</td> <td>265</td> <td>1325</td> </tr> <tr> <td>Fringe Benefits</td> <td>105</td> <td>525</td> </tr> <tr> <td>Workyears</td> <td>5</td> <td>25</td> </tr> </table>		FY 11	FY 12-16	Salaries and Wages	265	1325	Fringe Benefits	105	525	Workyears	5	25	
Date First Appropriation	FY89	(\$000)																								
First Cost Estimate	FY96	24,802																								
Current Scope																										
Last FY's Cost Estimate		42,567																								
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<table border="1"> <tr> <td>Appropriation Request</td> <td>FY11</td> <td>6,163</td> </tr> <tr> <td>Appropriation Request Est.</td> <td>FY12</td> <td>6,163</td> </tr> <tr> <td>Supplemental Appropriation Request</td> <td></td> <td>0</td> </tr> <tr> <td>Transfer</td> <td></td> <td>0</td> </tr> </table>	Appropriation Request	FY11	6,163	Appropriation Request Est.	FY12	6,163	Supplemental Appropriation Request		0	Transfer		0														
Appropriation Request	FY11	6,163																								
Appropriation Request Est.	FY12	6,163																								
Supplemental Appropriation Request		0																								
Transfer		0																								
<table border="1"> <tr> <td>Cumulative Appropriation</td> <td></td> <td>24,771</td> </tr> <tr> <td>Expenditures / Encumbrances</td> <td></td> <td>21,201</td> </tr> <tr> <td>Unencumbered Balance</td> <td></td> <td>3,570</td> </tr> </table>	Cumulative Appropriation		24,771	Expenditures / Encumbrances		21,201	Unencumbered Balance		3,570																	
Cumulative Appropriation		24,771																								
Expenditures / Encumbrances		21,201																								
Unencumbered Balance		3,570																								
<table border="1"> <tr> <td>Partial Closeout Thru</td> <td>FY08</td> <td>46,190</td> </tr> <tr> <td>New Partial Closeout</td> <td>FY09</td> <td>1,482</td> </tr> <tr> <td><b>Total Partial Closeout</b></td> <td></td> <td><b>47,672</b></td> </tr> </table>	Partial Closeout Thru	FY08	46,190	New Partial Closeout	FY09	1,482	<b>Total Partial Closeout</b>		<b>47,672</b>																	
Partial Closeout Thru	FY08	46,190																								
New Partial Closeout	FY09	1,482																								
<b>Total Partial Closeout</b>		<b>47,672</b>																								

# Restroom Renovations -- No. 056501

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Countywide  
MCPS  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

November 16, 2009  
No  
None  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	1,060	460	0	600	100	100	100	100	100	100	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	10,675	4,351	924	5,400	900	900	900	900	900	900	0
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>11,735</b>	<b>4,811</b>	<b>924</b>	<b>6,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	11,735	4,811	924	6,000	1,000	1,000	1,000	1,000	1,000	1,000	0
<b>Total</b>	<b>11,735</b>	<b>4,811</b>	<b>924</b>	<b>6,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>0</b>

#### DESCRIPTION

This project will provide needed modifications to specific areas of restroom facilities. A study was conducted in FY 2004 to evaluate restrooms for all schools that were built or renovated before 1985. Schools on the modernization list with either planning or construction funding in the six-year CIP were excluded from this list. Ratings were based upon visual inspections of the existing materials and fixtures as of August 1, 2003. Ratings also were based on conversations with the building services managers, principals, vice principals, and staffs about the existing conditions of the restroom facilities. The numeric rating for each school was based on an evaluation method using a preset number scale for the assessment of the existing plumbing fixtures, accessories, and room finish materials.

An FY 2006 appropriation was approved to begin planning restroom modifications for the first set of schools. An FY 2007 appropriation was approved for construction funds for the first set of schools identified for restroom modifications, as well as planning funds for the second set of schools scheduled for modifications. Also, the County Council approved, in the FY 2007-2012 CIP, to accelerate one year the funding for the bathroom modifications for Potomac Elementary School. An FY 2008 appropriation was approved to continue this project. An FY 2009 appropriation was approved to continue this project. An FY 2010 appropriation was approved to address the remaining schools identified on the list for restroom renovations.

In FY 2010, a second round of assessments were completed, which included a total of 110 schools, including holding facilities. An FY 2011 appropriation is requested to begin the renovations of the schools identified in the second round of assessments. Based on the expenditures shown above, the first 71 schools are proposed for renovation in the FY 2011-2016 CIP. The list of requested restroom renovations is shown in Appendix G of the Superintendent's Recommended FY 2011 Capital Budget and FY 2011-2016 CIP.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP
Date First Appropriation	FY05	(\$000)
First Cost Estimate	FY05	0
Current Scope		
Last FY's Cost Estimate		5,735
Appropriation Request	FY11	1,000
Appropriation Request Est.	FY12	1,000
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		5,735
Expenditures / Encumbrances		5,667
Unencumbered Balance		68
Partial Closeout Thru	FY08	0
New Partial Closeout	FY09	0
Total Partial Closeout		0

# Roof Replacement: MCPS -- No. 766995

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Countywide  
MCPS  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

November 11, 2009  
No  
None  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	3,290	0	320	2,970	495	495	495	495	495	495	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	52,502	11,104	5,560	35,838	5,973	5,973	5,973	5,973	5,973	5,973	0
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>55,792</b>	<b>11,104</b>	<b>5,880</b>	<b>38,808</b>	<b>6,468</b>	<b>6,468</b>	<b>6,468</b>	<b>6,468</b>	<b>6,468</b>	<b>6,468</b>	<b>*</b>

### FUNDING SCHEDULE (\$000)

	Total	FY09	FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
G.O. Bonds	52,831	11,104	2,919	38,808	6,468	6,468	6,468	6,468	6,468	6,468	0
State Aid	2,961	0	2,961	0	0	0	0	0	0	0	0
<b>Total</b>	<b>55,792</b>	<b>11,104</b>	<b>5,880</b>	<b>38,808</b>	<b>6,468</b>	<b>6,468</b>	<b>6,468</b>	<b>6,468</b>	<b>6,468</b>	<b>6,468</b>	<b>0</b>

#### DESCRIPTION

The increasing age of buildings has created a backlog of work to replace roofs on their expected 20 year life cycle. Roofs are replaced when schools are not in session, and are scheduled during the summer. This is an annual request, funded since FY 1976.

An FY 2003 appropriation was approved to replace roofs at the following MCPS facilities: Stonegate, Candlewood, Piney Branch, and Olney elementary schools, and Magruder and Damascus high schools. The FY 2003 appropriation provided roof replacements at the Clarksburg Depot, and Mark Twain Center. An FY 2004 appropriation was approved to continue this project at its current level of effort. An FY 2005 appropriation was approved to increase the current approved level of effort of funding for this project in order to address the backlog of roof replacement projects. The FY 2005 appropriation will provide roof replacements at Lake Seneca, Clopper Mill, S. Christa McAuliffe, Travilah, Watkins Mill, and Wyngate elementary schools, Silver Spring International Middle School, and Poolesville High School. Funding for the roof replacement at Northwood High School is included in the expenditures of this project and will be phased as part of the reopening project for Northwood.

An FY 2006 appropriation was approved to continue this project. An FY 2007 appropriation was approved to continue this project. Expenditures shown in the adopted FY 2007-2012 CIP for this project increased in order to address the substantial rise in the cost of petroleum based products used in roofing projects. An FY 2008 appropriation was approved to continue this level of effort project. For the FY 2009-2014 CIP, the Board of Education approved a \$560,000 increase in each fiscal year beyond the approved expenditures in the Amended FY 2007-2012 CIP. On May 22, 2008, the County Council, in the adopted FY 2009-2014 CIP, reduced the Board of Education's request by \$280,000 for each year fiscal year. An FY 2009 appropriation was approved to continue this project. An FY 2010 appropriation was approved to continue this level of effort project.

An FY 2011 appropriation is requested to replace the existing roofs at A. Mario Loiederman Middle School, and Montgomery Knolls and Laytonsville elementary schools. Also, the FY 2011 appropriation will provide funding for partial roof replacements at Sherwood High School and Beall, Cold Spring, and Cloverly elementary schools.

#### FISCAL NOTE

State Reimbursement: reimbursement of the state share of eligible costs will continue to be pursued.

#### OTHER DISCLOSURES

- MCPS asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.
- \* Expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION CIP Master Plan for School Facilities		MAP
Date First Appropriation	FY76	(\$000)	
First Cost Estimate			
Current Scope	FY98	19,470	
Last FY's Cost Estimate		48,122	
Appropriation Request	FY11	6,468	
Appropriation Request Est.	FY12	6,468	
Supplemental Appropriation Request		0	
Transfer		0	
Cumulative Appropriation		16,984	
Expenditures / Encumbrances		6,457	
Unencumbered Balance		10,527	
Partial Closeout Thru	FY08	44,559	
New Partial Closeout	FY09	7,818	
Total Partial Closeout		52,177	
			0 1 2 3 MILES

54

# School Gymnasiums -- No. 886550

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Countywide  
MCPS  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

November 19, 2009  
No  
None  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	1,425	0	600	825	825	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	30,937	19,587	1,600	9,750	5,500	4,250	0	0	0	0	0
Other	6,740	5,370	620	750	500	250	0	0	0	0	0
<b>Total</b>	<b>39,102</b>	<b>24,957</b>	<b>2,820</b>	<b>11,325</b>	<b>6,825</b>	<b>4,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	39,102	24,957	2,820	11,325	6,825	4,500	0	0	0	0	0
<b>Total</b>	<b>39,102</b>	<b>24,957</b>	<b>2,820</b>	<b>11,325</b>	<b>6,825</b>	<b>4,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

#### DESCRIPTION

The Board of Education and the superintendent continue to believe that elementary gymnasiums are essential for the physical education program and well being of students. Funds approved for FY 2001 were for planning and construction of a gymnasium at Dr. Sally K. Ride, Ashburton, and Spark Matsunaga ESs. An amendment to the FY 2001-2006 CIP was approved to provide additional funds for the gymnasiums at Lakewood and Greenwood ESs. Funding for gymnasiums beyond FY 2002 was removed during the County Council's reconciliation process on May 17, 2001. On December 11, 2001, the County Council approved a transfer of \$4.5 million from this project to the Current Replacement/Modernization project. Due to the fiscal constraints in FY 2003, the Board of Education did not request funding for the construction of ES gymnasiums. On May 9, 2002, the County Council approved an increase in the rate of the recordation tax. Therefore, in FY 2003, the County Council approved funding for six ES gymnasiums - Dr. Sally K. Ride, Ashburton, Lakewood, Greenwood, and Dr. Charles R. Drew in FY 2003, and Somerset ES in FY 2004. The FY 2003 appropriation was for the construction of the five aforementioned gymnasiums. The FY 2004 appropriation was for the gym at Somerset ES.

On August 25, 2003, the Board of Education by way of a resolution, directed the superintendent to include funding for the construction of all gymnasiums for elementary schools within the six-year CIP. The expenditure schedule above includes planning and construction funds for the completion of all ES gym in the six-year CIP. On December 9, 2003, the County Council approved a transfer of \$900K in FY 2004 from the Clarksburg Area MS (Rocky Hill Replacement) project to this project. The transferred funds will be used for the construction of the gymnasium at Somerset ES. The Board of Education, in the FY 2005-2010 CIP, requested an FY 2005 appropriation to provide construction funding for three ES gymnasiums, and planning funds for 11 ES gymnasiums. Due to fiscal constraints, the County Council shifted funds for some individual school projects, as well as elementary school modernization projects. As a result, those projects were delayed one year and the accompanying gymnasium were delayed one year. Therefore, the adopted gymnasium schedule and approved FY 2005 appropriation will provide for the planning of seven elementary school gyms and for the construction of three gyms. An FY 2006 appropriation was approved for planning and construction funds for schools scheduled for a gymnasium addition. An FY 2007 appropriation was approved for the balance of construction funds for four gymnasiums, planning and construction funds for one gymnasium, and planning funds for five gymnasiums. The County Council, in the adopted FY 2007-2012 CIP, approved the acceleration of the construction of the Bells Mill ES modernization and gymnasium one year, and deferred the construction of the gymnasium for Seven Locks ES to coincide with its modernization scheduled to be completed January 2012.

An FY 2008 appropriation was approved for planning funds for four gymnasiums and construction funds for eight gymnasiums. An FY 2008 transfer in the amount of \$4.193 million was approved to provide additional funding due to rising construction costs. Also, an FY 2008 Special Appropriation in the amount of \$300,000 was approved from the city of Rockville for the gymnasium at College Gardens ES. On May 22, 2008, the County Council, in the adopted FY 2009-2014 CIP, approved an FY 2009 appropriation that will continue the planning and construction of gymnasiums; however, due to fiscal constraints, the construction of three gymnasiums at North Chevy Chase, Cold Spring, and Westbrook elementary schools were delayed two years. An FY 2010 appropriation was approved for planning funds for four gymnasium projects and construction funds for one project. An FY 2011 appropriation is requested for construction funds for four gymnasiums and the planning funds for the remaining three gymnasiums. An FY 2012 appropriation will be requested for construction funds for the last three gymnasiums in this project. The list of gymnasiums, as requested, is shown on page 3-4 of the Superintendent's Recommended FY 2011 Capital Budget and FY2011-2016 CIP.

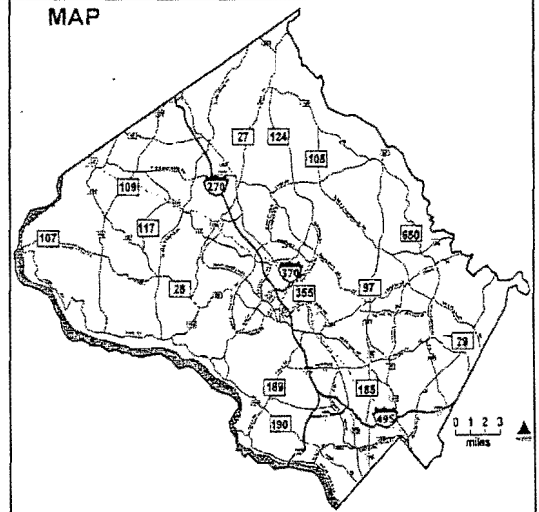
#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY95	(\$000)
First Cost Estimate	FY98	7,588
Current Scope		
Last FY's Cost Estimate		52,882
Appropriation Request	FY11	6,825
Appropriation Request Est.	FY12	4,250
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		28,027
Expenditures / Encumbrances		22,779
Unencumbered Balance		5,248
Partial Closeout Thru	FY08	21,788
New Partial Closeout	FY09	9,405
Total Partial Closeout		31,193

#### COORDINATION

Mandatory Referral - M-NCPPC  
Department of Environmental Protection  
Building Permits:  
Code Review  
Fire Marshal  
Department of Transportation  
Inspections  
Sediment Control  
Stormwater Management  
WSSC Permits

#### MAP



# School Security Systems -- No. 926557

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Countywide  
MCPS  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

October 21, 2009  
No  
None  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	1,800	600	200	1,000	200	200	200	200	100	100	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	9,950	2,650	1,300	6,000	1,300	1,300	1,300	1,300	400	400	0
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>11,750</b>	<b>3,250</b>	<b>1,500</b>	<b>7,000</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>500</b>	<b>500</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	11,750	3,250	1,500	7,000	1,500	1,500	1,500	1,500	500	500	0
<b>Total</b>	<b>11,750</b>	<b>3,250</b>	<b>1,500</b>	<b>7,000</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>500</b>	<b>500</b>	<b>0</b>

#### DESCRIPTION

This project addresses four aspects of security throughout MCPS, and will serve to protect not only the student and community population, but also the extensive investment in educational facilities, equipment, and supplies in buildings.

An FY 2009 appropriation was approved to provide additional funding for new initiatives for the school security program. The initiatives include design and installation of Closed Circuit Television (CCTV) camera systems in all middle schools, the replacement of existing outdated analog CCTV camera systems in all high schools, the installation of a visitor management system in all schools, and the installation of a visitor access system at elementary schools. An FY 2010 appropriation was approved to continue this project. An FY 2011 appropriation is requested to continue the roll out of the new initiatives that began in FY 2009.

#### FISCAL NOTE

State Reimbursement: not eligible

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP
Date First Appropriation	FY92	(\$000)
First Cost Estimate		
Current Scope	FY96	2,987
Last FY's Cost Estimate		10,750
Appropriation Request	FY11	1,500
Appropriation Request Est.	FY12	1,500
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		4,750
Expenditures / Encumbrances		3,665
Unencumbered Balance		1,085
Partial Closeout Thru	FY08	5,212
New Partial Closeout	FY09	0
Total Partial Closeout		5,212

(56)

# Stormwater Discharge and Water Quality Management -- No. 956550

Category	Montgomery County Public Schools	Date Last Modified	November 20, 2009
Subcategory	Countywide	Required Adequate Public Facility	No
Administering Agency	MCPS	Relocation Impact	None
Planning Area	Countywide	Status	On-going

## EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	2,792	250	0	2,542	144	94	576	576	576	576	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	2,250	1,200	0	1,050	550	500	0	0	0	0	0
Construction	1,681	250	1,431	0	0	0	0	0	0	0	0
Other	180	0	0	180	10	10	40	40	40	40	0
<b>Total</b>	<b>6,903</b>	<b>1,700</b>	<b>1,431</b>	<b>3,772</b>	<b>704</b>	<b>604</b>	<b>616</b>	<b>616</b>	<b>616</b>	<b>616</b>	<b>0</b>

## FUNDING SCHEDULE (\$000)

G.O. Bonds	6,903	1,700	1,431	3,772	704	604	616	616	616	616	0
<b>Total</b>	<b>6,903</b>	<b>1,700</b>	<b>1,431</b>	<b>3,772</b>	<b>704</b>	<b>604</b>	<b>616</b>	<b>616</b>	<b>616</b>	<b>616</b>	<b>0</b>

### DESCRIPTION

This project will provide funds to meet the State of Maryland requirements that all industrial sites be surveyed and a plan developed to mitigate stormwater runoff. Work under this project includes concrete curbing to channel rainwater, oil/grit separators to filter stormwater for quality control, modifications to retention systems, the installation of a surface pond for stormwater management quality control at the Randolph Bus and Maintenance Depot, and other items to improve stormwater management systems at other depot sites. This project is reviewed by the interagency committee for capital programs that affect other county agencies to develop the most cost effective method to comply with state regulation.

This project also will address pollution prevention measures that were formally addressed in the County Water Quality PDF. Federal and State laws require MCPS to upgrade and maintain pollution prevention measures at schools and support facilities. The State of Maryland, Department of the Environment, through the renewal of Montgomery County's National Pollutant Discharge Elimination System (NPDES) Permit, has included MCPS as a co-permittee under its revised MS4 permit, subject to certain pollution prevention regulations and reporting requirements not required in the past. As a co-permittee, MCPS will be required to develop a system-wide plan for complying with MS4 permit requirements. The plan could include infrastructure improvements that reduce the potential for pollution to enter into the stormwater system and area streams. A portion of the plan also will include surveying and documenting, in a GIS mapping system, the stormwater systems at various facilities.

An FY 2007 Special Appropriation in the amount of \$1.2 million was approved to bring all storm water management facilities on school sites up to current maintenance standards. It is anticipated that all future maintenance responsibilities will be transferred to the Department of Environmental Protection (DEP) within the Water Quality Protection Fund.

An FY 2009 special appropriation in the amount of \$1.5 million was approved by the County Council on January 27, 2009 to address emergency repair work at Burtonsville Elementary School and Watkins Mill High School. An FY 2010 transfer was approved to move \$431,000 from unliquidated surplus into this project to address stormwater runoff issues for the Rocky Hill Middle School Replacement project.

An FY 2010 appropriation and amendment to the FY 2009-2014 CIP of \$410,00 was approved to begin the assessment and planning process for pollution prevention measures, as well as to begin the implementation and construction of identified facilities needing modifications. It is anticipated that a significant portion of the first year's efforts will be focused on developing the required plans to prioritize the necessary infrastructure improvements. An FY 2011 appropriation is requested to address water quality issues related to stormwater management and continue the assessments and planning for water quality compliance as required by federal and state law.

### FISCAL NOTE

State Reimbursement: Not eligible

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Date First Appropriation</td> <td style="text-align: center;">FY07</td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>First Cost Estimate</td> <td style="text-align: center;">FY07</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Current Scope</td> <td></td> <td></td> </tr> <tr> <td>Last FY's Cost Estimate</td> <td></td> <td style="text-align: right;">2,700</td> </tr> </table>	Date First Appropriation	FY07	(\$000)	First Cost Estimate	FY07	0	Current Scope			Last FY's Cost Estimate		2,700		
Date First Appropriation	FY07	(\$000)												
First Cost Estimate	FY07	0												
Current Scope														
Last FY's Cost Estimate		2,700												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Appropriation Request</td> <td style="text-align: center;">FY11</td> <td style="text-align: right;">704</td> </tr> <tr> <td>Appropriation Request Est.</td> <td style="text-align: center;">FY12</td> <td style="text-align: right;">604</td> </tr> <tr> <td>Supplemental Appropriation Request</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td>Transfer</td> <td></td> <td style="text-align: right;">0</td> </tr> </table>	Appropriation Request	FY11	704	Appropriation Request Est.	FY12	604	Supplemental Appropriation Request		0	Transfer		0		
Appropriation Request	FY11	704												
Appropriation Request Est.	FY12	604												
Supplemental Appropriation Request		0												
Transfer		0												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Cumulative Appropriation</td> <td style="text-align: right;">3,131</td> </tr> <tr> <td>Expenditures / Encumbrances</td> <td style="text-align: right;">2,573</td> </tr> <tr> <td>Unencumbered Balance</td> <td style="text-align: right;">558</td> </tr> </table>	Cumulative Appropriation	3,131	Expenditures / Encumbrances	2,573	Unencumbered Balance	558								
Cumulative Appropriation	3,131													
Expenditures / Encumbrances	2,573													
Unencumbered Balance	558													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Partial Closeout Thru</td> <td style="text-align: center;">FY08</td> <td style="text-align: right;">2,356</td> </tr> <tr> <td>New Partial Closeout</td> <td style="text-align: center;">FY09</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Total Partial Closeout</td> <td></td> <td style="text-align: right;">2,356</td> </tr> </table>	Partial Closeout Thru	FY08	2,356	New Partial Closeout	FY09	0	Total Partial Closeout		2,356					
Partial Closeout Thru	FY08	2,356												
New Partial Closeout	FY09	0												
Total Partial Closeout		2,356												

# Clarksburg Depot Expansion -- No. 116514

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Countywide  
MCPS  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

November 20, 2009  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	5,280	0	0	2,046	0	0	0	0	0	2,046	3,234
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	6,250	0	0	0	0	0	0	0	0	0	6,250
Construction	38,720	0	0	0	0	0	0	0	0	0	38,720
Other	750	0	0	0	0	0	0	0	0	0	750
<b>Total</b>	<b>51,000</b>	<b>0</b>	<b>0</b>	<b>2,046</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,046</b>	<b>48,954</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	51,000	0	0	2,046	0	0	0	0	0	2,046	48,954
<b>Total</b>	<b>51,000</b>	<b>0</b>	<b>0</b>	<b>2,046</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,046</b>	<b>48,954</b>

#### DESCRIPTION

MCPS currently operates six bus depots—Bethesda, Clarksburg, Randolph, Shady Grove North, Shady Grove South, and West Farm. The Clarksburg depot serves both transportation and facilities maintenance operations. The Clarksburg transportation depot operation is currently functioning at 226 percent of its design capacity with 231 buses operating out of a facility designed to accommodate 102 buses. The Clarksburg depot serves Clarksburg, Damascus, Northwest, Poolesville, Quince Orchard, and Seneca Valley cluster schools. The depot serves the largest geography and the fastest growing area of the county.

MCPS has completed three studies over the past eleven years to identify the best locations for its depots. Given the development that has occurred in the county and the difficulty in finding suitable locations for school bus depots, it is necessary to begin planning the expansion of the Clarksburg depot in its current location. Funds are programmed in the latter years of the CIP to begin the expansion process.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP
Date First Appropriation FY (\$000)		
First Cost Estimate FY 0		
Current Scope 0		
Last FY's Cost Estimate 0		
Appropriation Request FY11 0		
Appropriation Request Est. FY12 0		
Supplemental Appropriation Request 0		
Transfer 0		
Cumulative Appropriation 0		
Expenditures / Encumbrances 0		
Unencumbered Balance 0		
Partial Closeout Thru FY08 0		
New Partial Closeout FY09 0		
Total Partial Closeout 0		

30



# Shady Grove Depot Replacement -- No. 116515

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Countywide  
MCPS  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

November 23, 2009  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	6,800	0	0	3,624	0	0	0	0	0	3,624	3,176
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	8,750	0	0	0	0	0	0	0	0	0	8,750
Construction	48,450	0	0	0	0	0	0	0	0	0	48,450
Other	1,000	0	0	0	0	0	0	0	0	0	1,000
<b>Total</b>	<b>65,000</b>	<b>0</b>	<b>0</b>	<b>3,624</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,624</b>	<b>61,376</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	65,000	0	0	3,624	0	0	0	0	0	3,624	61,376
<b>Total</b>	<b>65,000</b>	<b>0</b>	<b>0</b>	<b>3,624</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,624</b>	<b>61,376</b>

#### DESCRIPTION

MCPS currently operates six bus depots—Bethesda, Clarksburg, Randolph, Shady Grove North, Shady Grove South, and West Farm. As part of the county's Smart Growth Initiative and the implementation of the Shady Grove Sector Plan, the county is preparing to move both Shady Grove depots off of their current site on Crabbs Branch Road. The Shady Grove North depot serves the Gaithersburg, Magruder, and Watkins Mill clusters. The Shady Grove South depot serves the Richard Montgomery, Rockville, and Wootton clusters. Also located at the same site are the headquarter functions of the MCPS Department of Transportation that includes driver training facilities, major bus repair facilities, tire and bus parts storage, and central radio communications and headquarter office functions.

The two depots together operate at 167 percent of design capacity, with 391 buses operating out of a lot designed to accommodate 234 buses. MCPS has completed three studies over the past eleven years to identify the best locations for efficient operations. Given the development that has occurred in the county, there is tremendous resistance to locating bus depots in areas close to the clusters that they serve. Funds are programmed in the outyears of the CIP to cover the costs that are not being funded through the Smart Growth Initiative for the relocation of the two Shady Grove depots and headquarter operations for the MCPS Department of Transportation.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP
Date First Appropriation      FY      (\$000)		
First Cost Estimate              FY      0		
Current Scope		
Last FY's Cost Estimate        0		
Appropriation Request        FY11    0		
Appropriation Request Est.    FY12    0		
Supplemental Appropriation Request		
Transfer		
Cumulative Appropriation      0		
Expenditures / Encumbrances    0		
Unencumbered Balance        0		
Partial Closeout Thru          FY08    0		
New Partial Closeout          FY09    0		
Total Partial Closeout        0		

# Appendix G

## Restroom Renovations Schedule for the FY 2011–2016 CIP

School Rank	Name of School	Raw Rating*
<b>FY 2011</b>		
1	Tilden Center	2108
2	Grosvenor Center	2083
3	Bannockburn Elementary School	1923
4	Gaithersburg Middle School	1808
5	North Lake Center	1798
6	Quince Orchard High School	1786
<b>FY 2012</b>		
7	Darnestown Elementary School	1739
8	Julius West Middle School	1704
9	South Lake Elementary School	1700
10	Lake Seneca Elementary School	1678
11	Clearspring Elementary School	1659
12	Stone Mill Elementary School	1645
13	Rolling Terrace Elementary School	1606
14	Blair G. Ewing Center	1579
<b>FY 2013</b>		
15	Albert Einstein High School	1574
16	Watkins Mill High School	1567
17	Watkins Mill Elementary School	1566
18	Jones Lane Elementary School	1565
19	Highland View Elementary School	1547
20	Radnor Center	1544
21	Woodfield Elementary School	1541
22	Roberto Clemente Middle School	1525
23	Fairland Center	1513
24	Rock Terrace Center	1509
<b>FY 2014</b>		
25	Cold Spring Elementary School	1492
26	Sherwood High School	1475
27	Carl Sandburg Center	1456
28	Cedar Grove Elementary School	1455
29	Fields Road Elementary School	1439
30	Rachel Carson Elementary School	1413
31	Silver Spring International Middle School	1412
32	White Oak Middle School	1408
33	Beall Elementary School	1394
34	Rosa M. Parks Middle School	1380
35	Dr. Martin Luther King, Jr. Middle School	1357

School Rank	Name of School	Raw Rating*
<b>FY 2015</b>		
36	Sligo Middle School	1352
37	Briggs Chaney Middle School	1348
38	Cloverly Elementary School	1335
39	Thurgood Marshall Elementary School	1333
40	Stephen Knolls Center	1328
41	Wygate Elementary School	1325
42	Montgomery Knolls Elementary School	1315
43	Pine Crest Elementary School	1314
44	Meadow Hall Elementary School	1299
45	Twinbrook Elementary School	1295
46	Greencastle Elementary School	1265
47	Waters Landing Elementary School	1260
48	Sligo Creek Elementary School	1252
49	Westbrook Elementary School	1244
<b>FY 2016</b>		
50	S. Christa McAuliffe Elementary School	1235
51	Northwood High School	1234
52	Ritchie Park Elementary School	1234
53	Brookhaven Elementary School	1228
54	Travilah Elementary School	1225
55	Georgian Forest Elementary School	1221
56	Clopper Mill Elementary School	1219
57	Takoma Park Middle School	1214
58	John Poole Middle School	1211
59	Laytonville Elementary School	1207
60	Montgomery Blair High School	1204
61	Jackson Road Elementary School	1201
62	Bethesda Elementary School	1201
63	Oakland Terrace Elementary School	1195
64	Dr. Sally K. Ride Elementary School	1191
65	North Chevy Chase Elementary School	1188
66	Highland Elementary School	1181
67	Ashburton Elementary School	1180
68	Lucy V. Barnsley Elementary School	1178
69	Flower Hill Elementary School	1177
70	Northwest High School	1172
71	Viers Mills Elementary School	1163

\* The raw rating was determined based on an evaluation method using a preset number scale for the assessment of the existing plumbing fixtures, accessories, and room finish materials. The ratings also were based upon visual inspections of the existing materials and fixtures as of August 1, 2009 and conversations with the principal, building services manager, assistant principal, and staff about the existing conditions of the restroom facilities. A total of 110 facilities were assessed and, based on funding, 71 facilities are proposed for renovation in the six year CIP.



# Appendix G

## Restroom Renovations Schedule

School Rank	Name of School	Raw Rating*	Project Year
1	Strathmore Elementary School	1453	FY 2007
2	Eastern Middle School	1775	
3	Wayside Elementary School	1840	
4	Wheaton High School	1850	
5	William H. Farquhar Middle School	1874	
6	Redland Middle School	1877	
7	DuFief Elementary School	1887	
8	Poolesville High School	1943	
9	Fallsmead Elementary School	1960	
10	Maryvale Elementary School	1974	
11	Col. Zadok Magruder High School	1991	FY2008
12	Robert Frost Middle School	2004	
13	Candlewood Elementary School	2009	
14	Tilden Middle School	2012	
15	Burnt Mills Elementary School	2018	
16	Takoma Park Elementary School	2019	
17	Stedwick Elementary School	2048	
18	Rock Creek Forest Elementary School	2075	
19	East Silver Spring Elementary School	2077	
20	Luxmanor Elementary School	2091	
21	Broad Acres Elementary School	2095	
22	Whetstone Elementary School	2105	
23	Stonegate Elementary School	2114	
24	Wheaton Woods Elementary School	2117	
25	Seneca Valley High School	2148	FY 2009
26	Potomac Elementary School	2155	
27	Piney Branch Elementary School	2168	
28	Col. E. Brooke Lee Middle School	2179	
29	Argyle Middle School	2184	
30	Summit Hall Elementary School	2221	
31	John T. Baker Middle School	2274	
32	Ridgeview Middle School	2319	
33	Benjamin Banneker Middle School	2338	
34	Fox Chapel Elementary School	2345	
35	Belmont Elementary School	2372	
36	Brown Station Elementary School	2373	FY 2010
37	Damascus Elementary School	2402	
38	Damascus High School	2412	
39	Woodlin Elementary School	2423	
40	Poolesville Elementary School	2452	
41	Sherwood Elementary School	2493	
42	Thomas S. Wootton High School	2493	
43	Diamond Elementary School	2526	
44	Germantown Elementary School	2534	
45	Bradley Hills Elementary School	2542	
46	Neelsville Middle School	2598	
47	Washington Grove Elementary School	2619	

\* The raw rating was determined based on an evaluation method using a preset number scale for the assessment of the existing plumbing fixtures, accessories, and room finish materials. The ratings also were based upon visual inspections of the existing materials and fixtures as of August 1, 2003 and conversations with the principal, building services manager, assistant principal, and staff about the existing conditions of the restroom facilities.

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# Individual Project Capacity Analysis

	FY10	FY11	FY12	FY13	FY14	FY15	FY16
	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
<b>Bradley Hills ES Addition (Whitman Cluster)</b>							
- Current Capacity	342	342	342	342	342	342	342
- Enrollment	478	482	499	496	483	497	508
- Space Available	(136)	(140)	(157)	(154)	(141)	(155)	(166)
- School Utilization w/o Addition	139.8%	140.9%	145.9%	145.0%	141.2%	145.3%	148.5%
- Space Added					296	296	296
- School Utilization with Addition	139.8%	140.9%	145.9%	145.0%	75.7%	77.9%	79.6%
- Cluster Utilization (BOE Proposed)	125.3%	116.0%	117.0%	117.7%	102.8%	103.6%	104.1%
<p>Comment: Bradley Hills ES is a small and substantially overutilized school and is currently using 6 relocatable classrooms during the 2009-10 schoolyear. No capacity available at other schools within the cluster or in nearby clusters. The size of the addition will provide some possible seats for students to be reassigned from the B-CC cluster who articulate to secondary schools in the Whitman Cluster. needed.</p>							

	FY10	FY11	FY12	FY13	FY14	FY15	FY16
	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
<b>Darnestown ES Addition (Northwest Cluster)</b>							
- Current Capacity	273	273	273	273	273	273	273
- Enrollment	378	373	375	388	390	397	414
- Space Available	(105)	(100)	(102)	(115)	(117)	(124)	(141)
- School Utilization w/o Addition	138.5%	136.6%	137.4%	142.1%	142.9%	145.4%	151.6%
- Space Added					182	182	182
- School Utilization with Addition	138.5%	136.6%	137.4%	142.1%	85.7%	87.3%	91.0%
- Cluster Utilization (BOE Proposed)	118.8%	123.5%	124.9%	125.4%	120.1%	119.3%	119.1%
<p>Comment: Darnestown ES is a small and substantially overutilized school and is currently using 6 relocatable classrooms during the 2009-10 schoolyear. No capacity available at other schools within the cluster. QO cluster does not have seats. Wootton cluster could provide some seats (Travilah ES) but this could exacerbate Wootton HS overutilization in future years.</p>							

	FY10	FY11	FY12	FY13	FY14	FY15	FY16
	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
<b>Georgian Forest ES Addition (Downcounty Cons.)</b>							
- Current Capacity	308	308	308	308	308	308	308
- Enrollment	502	518	520	533	544	540	538
- Space Available	(194)	(210)	(212)	(225)	(236)	(232)	(230)
- School Utilization w/o Addition	163.0%	168.2%	168.8%	173.1%	176.6%	175.3%	174.7%
- Space Added					182	182	182
- School Utilization with Addition	163.0%	168.2%	168.8%	173.1%	111.0%	110.2%	109.8%
- Cluster Utilization (BOE Proposed)	116.4%	116.6%	109.8%	107.4%	101.1%	100.2%	99.6%
<p>Comment: Georgian Forest ES is a small and substantially overutilized school and is currently using 10 relocatable classrooms during the 2009-10 schoolyear. No capacity available at nearby schools within the consortium.</p>							

	FY10	FY11	FY12	FY13	FY14	FY15	FY16
	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
<b>Somerset ES Addition (B-CC Cluster)</b>							
- Current Capacity	433	433	433	433	433	433	433
- Enrollment	464	493	521	536	560	561	561
- Space Available	(31)	(60)	(88)	(103)	(127)	(128)	(128)
- School Utilization w/o Addition	107.2%	113.9%	120.3%	123.8%	129.3%	129.6%	129.6%
- Space Added	90	90	90	90	90	90	90
- School Utilization with Addition	88.7%	94.3%	99.6%	102.5%	107.1%	107.3%	107.3%
- Cluster Utilization (BOE Proposed)	129.0%	129.0%	130.1%	131.9%	117.9%	107.7%	108.6%
<p>Comment: Somerset was modernized in 2005 and 4 classrooms were masterplanned in the 3rd floor of the building. The space can be built out quickly and cheaply to address Somerset's capacity issues. Capacity is not available at other B-CC elementary schools.</p>							

	FY10	FY11	FY12	FY13	FY14	FY15	FY16
	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
<b>Viers Mill ES Addition (Downcounty Cons.)</b>							
- Current Capacity	357	357	357	357	357	357	357
- Enrollment	556	603	622	647	661	663	668
- Space Available	(199)	(246)	(265)	(290)	(304)	(306)	(311)
- School Utilization w/o Addition	155.7%	168.9%	174.2%	181.2%	185.2%	185.7%	187.1%
- Space Added					345	345	345
- School Utilization with Addition	155.7%	168.9%	174.2%	181.2%	94.2%	94.4%	95.2%
- Cluster Utilization (BOE Proposed)	116.4%	116.6%	109.8%	107.4%	101.1%	100.2%	99.6%
<p>Comment: Viers Mill ES is a small and substantially overutilized school and is currently using 13 relocatable classrooms during the 2009-10 schoolyear. Some capacity available at Highland ES, but not enough to address the issue. No capacity available at any other nearby schools within the consortium.</p>							

	FY10	FY11	FY12	FY13	FY14	FY15	FY16
<b>Waters Landing ES Additon (Seneca Valley Cluster)</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>
- Current Capacity	499	499	499	499	499	499	499
- Enrollment	628	622	631	648	630	639	644
- Space Available	(129)	(123)	(132)	(149)	(131)	(140)	(145)
- School Utilization w/o Addition	125.9%	124.6%	126.5%	129.9%	126.3%	128.1%	129.1%
- Space Added					237	237	237
- School Utilization with Addition	125.9%	124.6%	126.5%	129.9%	85.6%	86.8%	87.5%
- Cluster Utilization (BOE Proposed)	112.3%	113.9%	114.5%	116.5%	104.4%	104.7%	104.1%

Comment: Waters Landing is overutilized and is currently using 5 relocatable classrooms during the 2009-10 schoolyear. There is no capacity available within the cluster or at any nearby schools in other clusters.

	FY10	FY11	FY12	FY13	FY14	FY15	FY16
<b>Westbrook ES Addition (B-CC Cluster)</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>
- Current Capacity	293	293	293	293	293	293	293
- Enrollment	385	426	430	458	478	478	485
- Space Available	(92)	(133)	(137)	(165)	(185)	(185)	(192)
- School Utilization w/o Addition	131.4%	145.4%	146.8%	156.3%	163.1%	163.1%	165.5%
- Space Added					344	344	344
- School Utilization with Addition	131.4%	145.4%	146.8%	156.3%	75.0%	75.0%	76.1%
- Cluster Utilization (BOE Proposed)	129.0%	129.0%	130.1%	131.9%	117.9%	107.7%	108.6%

Comment: Westbrook is a small substantially overutilized school and is currently using 5 relocatable classrooms during the 2009-10 schoolyear. There is no capacity available within the cluster or at any nearby schools in other clusters.

	FY10	FY11	FY12	FY13	FY14	FY15	FY16
<b>Wynage ES Addition (Walter Johnson Cluster)</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>
- Current Capacity	412	412	412	412	412	412	412
- Enrollment	634	640	650	679	683	678	679
- Space Available	(222)	(228)	(238)	(267)	(271)	(266)	(267)
- School Utilization w/o Addition	153.9%	155.3%	157.8%	164.8%	165.8%	164.6%	164.8%
- Space Added					299	299	299
- School Utilization with Addition	153.9%	155.3%	157.8%	164.8%	96.1%	95.4%	95.5%
- Cluster Utilization (BOE Proposed)	106.2%	112.0%	105.0%	107.5%	100.7%	100.9%	100.6%

Comment: Wyngate is substantially overutilized and is currently using 10 relocatable classrooms during the 2009-10 schoolyear. No capacity available at other schools within the cluster or in nearby clusters.

	FY10	FY11	FY12	FY13	FY14	FY15	FY16
<b>RROCS (school reopening) Downcounty Consortium ES #29 (McKenney Hills)</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>
- Oakland Terrace Current Capacity	456	456	456	456	456	456	456
- Enrollment	792	873	912	942	964	953	929
- Space Available	(336)	(417)	(456)	(486)	(508)	(497)	(473)
- School Utilization w/o Addition	173.7%	191.4%	200.0%	206.6%	211.4%	209.0%	203.7%
- Space Added to Oakland Terrace/Woodlin ES				642	642	642	642
- Cluster Utilization (BOE Proposed)	116.4%	116.6%	109.8%	107.4%	101.1%	100.2%	99.6%

Comment: Oakland Terrace is severely overutilized and is currently using 11 relocatable classrooms during the 2009-10 schoolyear. No capacity available at any nearby schools. Reopening McKenney Hills would relieve Oakland Terrace and Woodlin ES.

	FY10	FY11	FY12	FY13	FY14	FY15	FY16
<b>RROCS (school reopening) Downcounty Consortium ES #29 (McKenney Hills)</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>
- Woodlin ES Current Capacity	386	386	386	386	386	386	386
- Enrollment	478	511	533	541	566	567	552
- Space Available	(92)	(125)	(147)	(155)	(180)	(181)	(166)
- School Utilization w/o Addition	123.8%	132.4%	138.1%	140.2%	146.6%	146.9%	143.0%
- Space Added to Oakland Terrace/Woodlin ES				642	642	642	642
- Cluster Utilization (BOE Proposed)	116.4%	116.6%	109.8%	107.4%	101.1%	100.2%	99.6%

Comment: Woodlin ES is substantially overutilized and is currently using 4 relocatable classrooms during the 2009-10 schoolyear. No capacity available at any nearby schools. Reopening McKenney Hills would relieve Oakland Terrace and Woodlin ES.

RROCS (school reopening)	FY10	FY11	FY12	FY13	FY14	FY15	FY16
Downcounty Consortium ES #29 (McKenney Hills)	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
- Woodlin ES and Oakland Terrace Current Capacity	842	842	842	842	842	842	842
- Combined Enrollment	1,270	1,384	1,445	1,483	1,530	1,520	1,481
- Space Available	(428)	(542)	(603)	(641)	(688)	(678)	(639)
- Combined School Utilization w/o New School	150.8%	164.4%	171.6%	176.1%	181.7%	180.5%	175.9%
- Space Added to Oakland Terrace/Woodlin ES				642	642	642	642
- Cluster Utilization (BOE Proposed)	116.4%	116.6%	109.8%	107.4%	101.1%	100.2%	99.6%

Comment: New school is well justified to address overutilization at Woodlin ES and Oakland Terrace ES.

	FY10	FY11	FY12	FY13	FY14	FY15	FY16
Clarksburg Cluster ES Review	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Approved Cluster Capacity	3,071	3,071	3,071	3,071	3,071	3,071	3,071
Enrollment	3,132	3,242	3,377	3,548	3,706	3,858	3,940
Space Available (deficit)	(61)	(171)	(306)	(477)	(635)	(787)	(869)
Utilization	102.0%	105.6%	110.0%	115.5%	120.7%	125.6%	128.3%
Add New Elementary School					740	740	740
Space Available (deficit) after additions	(61)	(171)	(306)	(477)	105	(47)	(129)
Utilization after additions	102.0%	105.6%	110.0%	115.5%	97.2%	101.2%	103.4%

Comment: Elementary school overutilization would exceed 120% by September 2015 without the new school.

	FY10	FY11	FY12	FY13	FY14	FY15	FY16
Clarksburg/Damascus Clusters MS Review	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Approved Cluster Capacity	3,439	3,439	3,439	3,439	3,439	3,439	3,439
Enrollment	3,847	4,074	4,125	4,092	3,990	4,009	4,311
Space Available (deficit)	(408)	(635)	(686)	(653)	(551)	(570)	(872)
Utilization	111.9%	118.5%	119.9%	119.0%	116.0%	116.6%	125.4%
Add Clarksburg/Damascus Middle School							988
Space Available (deficit) after additions	(408)	(635)	(686)	(653)	(551)	(570)	116
Utilization after additions	111.9%	118.5%	119.9%	119.0%	116.0%	116.6%	97.4%

Comment: The new middle school would potentially relieve capacity in both clusters.

	FY10	FY11	FY12	FY13	FY14	FY15	FY16
Clarksburg HS Addition	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Approved Cluster Capacity	1,566	1,566	1,566	1,566	1,566	1,566	1,566
Enrollment	1,710	1,764	1,807	1,816	1,921	1,958	1,979
Space Available (deficit)	(144)	(198)	(241)	(250)	(355)	(392)	(413)
Utilization	109.2%	112.6%	115.4%	116.0%	122.7%	125.0%	126.4%
Space Added						405	405
Space Available (deficit) after additions	(144)	(198)	(241)	(250)	(355)	13	(8)
Utilization after additions	109.2%	112.6%	115.4%	116.0%	122.7%	99.3%	100.4%

Comment: High school overutilization would exceed 120% by September 2015 without the addition. Damascus and Watkins Mill High Schools may have some capacity to help.