

ED COMMITTEE #1  
February 27, 2012

**Worksession**

**MEMORANDUM**

February 23, 2012

TO: Education Committee

FROM: *KL* Keith Levchenko, Senior Legislative Analyst  
Essie McGuire, Senior Legislative Analyst *EMcGuire*

SUBJECT: **Worksession: FY13-18 Montgomery County Public Schools (MCPS) Capital Improvements Program (CIP)**

**Council Staff Packet Summary**

- **“Consent” Projects (Pages 4-5):** Council Staff recommends approval of projects which have no major changes in cost, scope or timing and/or are already under construction.
- **Countywide “Systemic” and Other Projects (Pages 6-11):** Council Staff provides specific recommendations for each systemic project (not on the “consent” list) and in some cases identifies potential changes in some projects that the Council may wish to consider at CIP reconciliation in May.
- **School Capacity Projects (Pages 11-22):** Council Staff reviews each of the capacity projects (new and approved) not yet under construction to confirm the need for each project. Project schedules are also reviewed to see if adjustments should be considered (for CIP reconciliation purposes) from what the Board of Education has requested. Several options are presented to illustrate potential cost savings by fiscal year from pushing completion dates out.

NOTE: Council Staff also recommends inclusion of a high school “cluster solution” project for the Bethesda-Chevy Chase Cluster to avoid a development moratorium in that cluster beginning July 1, 2012.

NOTE: The modernization schedule, any follow-up issues and remaining projects, and potential alternative expenditure scenarios to get to the Board of Education’s and County Executive’s recommended funding levels will be discussed at the next Education Committee worksession on the MCPS CIP.

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

**MCPS**

Shirley Brandman, President of the Board of Education  
Judith Docca, Board of Education  
Michael Durso, Board of Education  
Joshua Starr, Superintendent of Schools  
Larry Bowers, Chief Operating Officer  
James Song, Director, Department of Facilities Management  
Adrienne Karamihas, Budget and Operations Manager, Department of Facilities Management

**County Government**

Mary Beck, Office of Management and Budget  
LaKisha Giles, Office of Management and Budget

**FY13-18 CIP SCHEDULE**

The Board of Education's FY13-18 Proposed CIP was transmitted to the Council on December 1, 2011 (transmittal letter attached on ©1-6). The County Executive's Recommended CIP was transmitted on January 17, 2012 (budget excerpt attached on ©47-57).

The Education Committee had a CIP overview discussion on February 6. Three additional Education Committee meetings are scheduled for review of the FY13-18 MCPS CIP: February 27, March 5, and March 19.

**PUBLIC HEARING TESTIMONY AND CORRESPONDENCE**

The Council held public hearings on the FY13-18 CIP on February 7 and 9, with February 9 being focused on MCPS CIP issues.

The Council heard from Board President Shirley Brandman; Kristin Tribble, President of the Montgomery County Council of PTAs; and a number of school cluster coordinators and other individuals.

**Construction Cost Experience**

At the conclusion of the public hearing on February 9, Councilmember Marc Elrich asked James Song, Director of Facilities Management for MCPS, to provide follow-up information to the Council regarding MCPS' construction cost experience over the past several years. This question was in reaction to a number of speakers that evening who had noted that MCPS' construction costs are down and that now is a good time for the County to spend more (not less) on schools. Mr. Song's follow-up information is attached on ©58-61. In total, Mr. Song identifies \$60.9 million in cost reductions across 22 school projects (including individual modernizations) in the FY10 through the FY13 period.

In response to a similar question from Council Staff about recent bid experience, Mr. Song provided the following response:

*There were no new buildings bid in CY2011. The bids for modernizations averaged \$202.17 per square foot. The bids ranged from \$183.85 per square foot at Glenallan Elementary School to \$209.65 per square foot at Beverly Farms Elementary School. Addition projects similar to those in the Requested CIP averaged \$210.54 per square foot. For example, Georgian Forest Elementary School was \$218.66 per square foot and Wyngate Elementary School was \$202.24 per square foot. It is important to note that the above costs are for the building only and do not include site work which is site specific to each school.*

*MCPS has experienced relatively consistent costs from CY 2010 therefore, going forward, in the Board of Education's Requested CIP, modernizations are budgeted at \$203 per square foot and additions are budgeted at \$211 per square foot.*

### FISCAL SUMMARY

The Committee received summary information at the February 6 briefing. Some of that information is repeated here as background.

#### Expenditures

#### Board of Education Request

The following chart presents six-year and annual totals for the original approved FY11-16 MCPS CIP, the latest (i.e., amended) FY11-16 CIP, the FY13-18 Board request, and the FY13-18 CIP as recommended by the County Executive.

**Table 1:  
FY13-18 versus Amended FY11-16 Expenditures (in 000's)**

	Six-Year	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18
<b>FY11-16 Amended</b>	<b>1,361,675</b>	<b>250,338</b>	<b>223,990</b>	<b>228,814</b>	<b>269,280</b>	<b>215,210</b>	<b>174,043</b>		
<b>FY13-18 Board Request</b>	<b>1,489,044</b>			<b>274,139</b>	<b>272,752</b>	<b>237,093</b>	<b>272,416</b>	<b>228,235</b>	<b>204,409</b>
change from amended	127,369	9.4%		45,325	3,472	21,883	98,373		
<b>FY13-18 CE Recommended</b>	<b>1,355,121</b>			<b>267,266</b>	<b>253,684</b>	<b>186,962</b>	<b>235,298</b>	<b>211,105</b>	<b>200,806</b>
change from amended	(6,554)	-0.5%		38,452	(15,596)	(28,248)	61,255		
change from Board Request	(133,923)	-9.0%		(6,873)	(19,068)	(50,131)	(37,118)		

The Board's FY13-18 request totals nearly \$1.5 billion and consists of 45 projects. This level of funding is \$127.4 million (or 9.4 percent) more than the amended (latest) FY11-16 CIP of \$1.36 billion.

#### County Executive Recommendation

An excerpt of the County Executive's Recommended FY13-18 CIP regarding MCPS is attached (©47-57).

The County Executive recommended reducing the Board request by approximately \$134 million over the six year period and \$6.9 million in FY13. The County Executive identified a number of project deferrals and expenditure reductions, including:

- Assume an opening date for the new Richard Montgomery Cluster ES #5 (Hungerford Park) in August 2017 (instead of August 2015 as requested by the Board).
- Delay the Wheaton/Edison modernization one year (from 8/2015 to 8/2016) and the Poolesville HS modernization one year (from 8/2021 to 8/2022).
- Delay the Seneca Valley HS and Wootton HS modernizations each two years (rather than each one year as recommended by the Board).
- Delay the Tilden @ Woodward and Eastern MS modernizations each two years (rather than one year as recommended by the Board).
- Delete the newly requested Transportation Depot project.
- Adjust Facility Planning expenditures across the 6 years.
- Assume an \$18.7 million level of funding in the Technology Modernization project (about an 18% reduction from the Amended CIP and 25% below what the Board has requested).
- Assume a transfer of current revenue funding (rather than a new current revenue appropriation) for the Relocatable Classroom project in FY13.

## PART 1: CONSENT PROJECTS

### School Projects Under Construction

7 school additions and 1 school reopening project are either under construction or recently completed. These are presented in Table 2 below and total \$67.8 million in the Board of Education's Requested FY13-18 CIP.

**Table 2: School Projects Under Construction**

Project Name	6 Year	FY13	FY14	Comment
Bradley Hills ES Addition	11,599	4,894	6,705	17 classroom addition under construction, to open in August 2013, F&E appropriation requested. On February 14 BOE approved a transfer request to this project of \$3.7 million to address scope changes. Council action is pending.
Darnestown ES Addition	8,612	4,069	4,543	10 classroom addition under construction, to open in August 2013, F&E appropriation requested. On February 14 BOE approved a transfer request to this project of \$4.3 million to address scope changes. Council action is pending.
Downcounty Consortium ES #29 (Mckenny Hills) in RROCs	9,502	9,502		Reopened school to open in August 2012 with a capacity of 642. Project is fully appropriated.
Georgian Forest ES Addition	8,283	3,924	4,359	14 classroom addition under construction, to open in August 2013, F&E appropriation requested.
Seven Locks ES Addition/Modernization	3,000	3,000		6 classrooms added as part of mod. School reopened January 2012.. Project is fully appropriated.
Viers Mill ES Addition	8,830	4,092	4,738	14 classroom addition under construction, to open in August 2013, F&E appropriation requested.
Westbrook ES Addition	9,628	4,744	4,884	15 classroom addition under construction, to open in August 2013, F&E appropriation requested.
Wyngate ES Addition	8,316	4,272	4,044	16 classroom addition under construction, to open in August 2013, F&E appropriation requested.
<b>Totals</b>	<b>67,770</b>	<b>38,497</b>	<b>29,273</b>	

On February 14, the Board of Education approved a transfer request from both the Seven Locks ES Addition/Modernization (-\$3.5 million), which opened in January 2012, and the Downcounty Consortium #29 project (-\$4.5 million), which is scheduled to open in August 2012 to the Bradley Hills ES (\$3.7 million) and Darnestown ES (\$4.3 million) addition projects.

MCPS Staff provided the following information regarding the cost increases at Bradley Hills and Darnestown, resulting from scope changes at the two schools.

*Two approved addition projects have scope changes—Bradley Hills and Darnestown elementary schools. For Bradley Hills Elementary School, during the schematic design phase of the project, an investigation of the roofing system revealed damage to the wood trusses that, for safety reasons, required replacement. In order to replace the damaged portion of the roof, a much larger area of the roof needed to be demolished and replaced. This construction exposed classrooms to the elements which required new finishes in those classrooms. Additionally, modifications to the bus loop were needed to allow for the stacking of school buses on school property rather than on the street in order to provide maximum safety for students entering and exiting the building.*

*With respect to Darnestown Elementary School, a new septic system is included in the addition project and, during the design process for the new septic system, the Maryland Department of the Environment decreased the maximum allowable discharge to a much more stringent limit. Therefore, MCPS was required to redesign and provide a more sophisticated treatment train, with a dedicated power supply and redundant generator that incorporated a full on-site treatment plant.*

**Council Staff recommends approval of the projects in Table 2 above, with the exception of the Bradley Hills ES Addition and Darnestown ES Addition, both of which will be the subject of future Council review of the Board of Education’s transfer request.**

### Countywide Projects with No Changes

Table 3 below includes 7 “countywide” systemic projects (totaling \$81.05 million) in the Board of Education’s Requested FY13-18 CIP that reflect no change in scope, cost, or timing from the Approved FY11-16 CIP. **Council Staff recommends approval of these projects (subject to final reconciliation in early May).**

Table 3: Countywide Projects with No Scope or Cost Change

Project Name	6 Year	FY13	FY14	FY15	FY16	FY17	FY18	Comment
Asbestos Abatement: MCPS	6,870	1,145	1,145	1,145	1,145	1,145	1,145	No change in annual funding level
Energy Conservation: MCPS	12,342	2,057	2,057	2,057	2,057	2,057	2,057	No change in annual funding level
Restroom Renovations	5,350	1,000	1,000	1,000	1,000	1,000	350	No change in annual funding until FY18 when list of projects will be completed.
Roof Replacement: MCPS	38,808	6,468	6,468	6,468	6,468	6,468	6,468	No change in annual funding level
Indoor Air Quality Improvements: MCPS	8,982	1,497	1,497	1,497	1,497	1,497	1,497	No change in annual funding level
School Security Systems	5,000	1,500	1,500	500	500	500	500	No change in annual funding level
Stormwater Discharge & Water Quality Management	3,696	616	616	616	616	616	616	No change in annual funding level
<b>Totals</b>	<b>81,048</b>	<b>14,283</b>	<b>14,283</b>	<b>13,283</b>	<b>13,283</b>	<b>13,283</b>	<b>12,633</b>	

## PART 2: COUNTYWIDE PROJECT REVIEW

### Projects with Specific Increases in FY13-14

#### 1. ADA Compliance (PDF on ©28)

Project: ADA Compliance												
	Total	Through FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
FY11-16 Amended	12,158	4,158	8,000	2,000	1,200	1,200	1,200	1,200	1,200	n/a	n/a	
FY13-18 BOE Proposed	18,393	4,158	11,035	2,000	1,200	3,035	3,200	1,200	1,200	1,200	1,200	
change from amended	6,235	-	3,035	n/a	n/a	1,835	2,000	-	-	n/a	n/a	
percent change from amended	51.3%		37.94%	n/a	n/a	152.9%	166.7%	0.0%	0.0%	n/a	n/a	

This project provides program accessibility for all MCPS activities and facilities when modifications or improvements are needed to existing buildings. MCPS states that the increased expenditures in FY13 and FY14 relate directly to the County’s settlement with the Department of Justice and requirements to assess and remediate accessibility issues in public facilities. MCPS will conduct an evaluation of its facilities, identify needed modifications, and use the funds in FY13 and FY14 to perform the needed work.

The Council received a briefing on this settlement with the County Government and the need for certain other County agencies, including MCPS, to address similar facility issues. The ongoing level of effort for FY15-18 in this project continues the current approved level.

**Council Staff recommends approval of the Board’s request as submitted.** It is possible that costs in this project could increase, depending on the outcome of the facility evaluation and the nature of the modifications identified. At this time, however, this appears to be a reasonable approach to begin addressing this Federal mandate.

#### 2. Building Modifications and Program Improvements (PDF on ©30)

Project: Building Modifications and Program Improvements												
	Total	Through FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
FY11-16 Amended	14,822	7,622	7,000	5,000	2,000	-	-	-	-	n/a	n/a	
FY13-18 BOE Proposed	19,984	7,622	4,600	5,762	2,000	2,300	2,300	-	-	-	-	
change from amended	5,362	-	(2,400)	n/a	n/a	2,300	2,300	-	-	n/a	n/a	
percent change from amended	36.7%		-34.29%	n/a	n/a					n/a	n/a	

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.

The PDF indicates that the FY13 funds will renovate science laboratories at one high school and provide special education facility modifications for two elementary schools and two high schools. The requested increase is only \$300,000 above the approved FY12 level.

**The Committee may want to ask MCPS** whether the projects for FY14 have been identified yet, and how the requested expenditures were estimated.

**Council Staff recommends approval of the FY13 funding as submitted by the Board of Education.** Given that most of the identified projects relate to special education, the Committee may want to understand the impact of any potential deferral of this project to determine whether reductions could be possible, if necessary, to meet affordability during reconciliation. The

Committee may want to consider FY14 funding in the context of discussing the project development status with MCPS.

### 3. Fire Safety Code Upgrades (PDF on ©32)

Project: Fire Safety Code Upgrades												
	Through		Total	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	Beyond
	Total	FY10	6 Years									6 Years
FY11-16 Amended	8,477	3,575	4,902	817	817	817	817	817	817	n/a	n/a	
FY13-18 BOE Proposed	11,483	3,575	6,274	817	817	1,503	1,503	817	817	817	817	
change from amended	3,006	-	1,372	n/a	n/a	686	686	-	-	n/a	n/a	
percent change from amended	35.5%		27.99%	n/a	n/a	84.0%	84.0%	0.0%	0.0%	n/a	n/a	

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

MCPS gave the following explanation for the significant increases requested in FY13-14:

*The additional funding in FY 2013 and FY 2014, beyond the level of effort for this project, is to modify and/or replace interior and exterior roof access ladders and hatches that are not in compliance at some of our older schools per MOSH/OSHA requirements. Once the modifications are complete, no additional funds for these modifications will be needed.*

**Council Staff recommends approval as submitted by the Board of Education.**

### 4. Improved Safe Access to Schools (PDF on ©34)

Project: Improved (Safe) Access to Schools												
	Through		Total	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	Beyond
	Total	FY10	6 Years									6 Years
FY11-16 Amended	6,237	3,837	2,400	1,200	1,200	-	-	-	-	n/a	n/a	
FY13-18 BOE Proposed	8,428	3,837	2,700	691	1,200	1,500	1,200	-	-	-	-	
change from amended	2,191	-	300	n/a	n/a	1,500	1,200	-	-	n/a	n/a	
percent change from amended	35.1%		12.50%	n/a	n/a					n/a	n/a	

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.

MCPS provided the following detail about the request for this project:

*For FY 2013, MCPS anticipates addressing safe access issues at Viers Mill Elementary School and Lakelands Park Middle School. For FY 2014, studies to address safe access issues are being conducted at Montgomery Blair and Thomas Wootton high schools, Thomas Pyle Middle School and Rolling Terrace Elementary School. Each year, requests from schools are submitted to address safe access issues. MCPS evaluates each request and therefore, the projects identified in FY 2014 and beyond are subject to change.*

**Council Staff recommends approval as submitted by the Board of Education.**

**5. Land Acquisition (PDF on ©36)**

Project: Land Acquisition: MCPS												
	Total	Through FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
FY11-16 Amended	-	-	-	-	-	-	-	-	-	n/a	n/a	
FY13-18 BOE Proposed	4,200	-	4,200	-	-	4,200	-	-	-	-	-	
change from amended	4,200	-	4,200	n/a	n/a	4,200	-	-	-	n/a	n/a	
percent change from amended				n/a	n/a					n/a	n/a	

The last appropriation in this project was in FY07. MCPS gave the following detail on the Board's request:

*Funds requested in the Land Acquisition project are as follows: \$3.5 million for the purchase of land for a new elementary school in the Northwest Cluster; \$500,000 to purchase land adjacent to the new elementary school in the Richard Montgomery Cluster; and, \$200,000 to purchase land to expand the site for a new middle school in the Bethesda-Chevy Chase Cluster.*

**Council Staff recommends approval as submitted by the Board of Education.**

MCPS is currently conducting a new site selection process for the BCC middle school. If the site is changed, the funds for that school may no longer be necessary. The Committee may want to understand the timing of this process and when any adjustments, if necessary, would be made to this project.

**6. WSSC Compliance (PDF on ©43)**

Project: WSSC Compliance												
	Total	Through FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
FY11-16 Amended	775	-	775	-	775	-	-	-	-	n/a	n/a	
FY13-18 BOE Proposed	6,400	-	5,625	-	775	5,625	-	-	-	-	-	
change from amended	5,625	-	4,850	n/a	n/a	5,625	-	-	-	n/a	n/a	
percent change from amended	725.8%		625.81%	n/a	n/a					n/a	n/a	

In FY12, the Board of Education requested, and the Council approved, a total of \$775,000 for a new project related to WSSC compliance. As the PDF details, this project is necessary to meet new standards for fats, oils, and grease (FOG) regulations under the Clean Water Act. WSSC has modified its plumbing code for all food establishments and MCPS must upgrade a portion of its plumbing systems (the grease removal devices) as a result.

The FY12 funds supported assessment of all schools to determine the scope of work needed under the new compliance standards. The Board's request totals \$5.625 million in FY13. The PDF also indicates that the initial assessment is still ongoing, and so the list of schools and projects is not complete.

**The Committee may want to receive an update** on the status of the assessment, whether it is likely that the completed assessment could significantly alter the amount needed for this effort, and whether there is a possibility that the work could extend beyond FY13.

**Council Staff recommends approval of this project as requested by the Board of Education.** It appears that while this mandate is unfunded, MCPS does not have discretion as to whether to complete this work.

## Systemic Projects with Requested Increases

The Board requested significant increases in the HVAC and PLAR projects over the six-year period. These projects are continually high priorities for MCPS, with considerable backlogs of work to be done.

These projects (along with Roof Replacement and Fire Safety Systems) were reviewed in the most recent Infrastructure Maintenance Task Force (IMTF) Report. The report identifies an Acceptable Annual Replacement Cost (AARC) of how much money should be budgeted annually for replacement or rehabilitation so that, if continued, ultimately the entire inventory of the element will last over its acceptable life span. Rarely is the AARC achieved, but if funds are available it is useful as a target. The MCPS portion of the report is attached on ©45-46.

For both the HVAC and PLAR projects, the Board requested significant increases in the FY11-16 CIP and the FY12 capital budget and CIP amendments. For both projects, the Council approved an increase in the level of effort, but not as much of an increase as was requested by the Board.

For each project, Council Staff notes below the requests in comparison to the report's AARC amount. **While Council Staff acknowledges the scope and priority of the HVAC and PLAR projects, the question again will be how much, if any, additional funding can be allocated to these projects in the context of affordability and other priorities in the capital budget.** This question typically cannot be definitively answered until later in the budget process and during final reconciliation. Council Staff also notes that, given the significant increase requested, the Council could again approve a smaller amount than requested and still increase the level of effort.

### 7. HVAC (Mechanical Systems) Replacement: MCPS (PDF on ©33)

	Project: HVAC (Mechanical Systems) Replacement: MCPS											Beyond 6 Years
	Total	Through FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	
FY11-16 Amended	72,707	16,547	56,160	15,000	15,000	6,540	6,540	6,540	6,540	n/a	n/a	
FY13-18 BOE Proposed	121,415	16,547	80,000	9,868	15,000	22,000	18,000	10,000	10,000	10,000	10,000	
change from amended	48,708	-	23,840	n/a	n/a	15,460	11,460	3,460	3,460	n/a	n/a	
percent change from amended	67.0%		42.45%	n/a	n/a	236.4%	175.2%	52.9%	52.9%	n/a	n/a	

This project provides for the systematic replacement of heating, ventilating, air conditioning, automated temperature controls, and plumbing systems for MCPS. This is a critical systems project for MCPS, with an extensive backlog of projects to be completed, and is continually a high priority for the school system.

The IMTF report identifies an AARC for HVAC of \$25.8 million. The Board's request for FY13 is 85% of this AARC and for FY14 is nearly 70%. The requested level of effort of \$10 million for the remainder of the six-year period is 39% of the AARC. The Executive did not list HVAC in the projects to be reduced in the MCPS Affordability Reconciliation PDF. MCPS staff estimates that the Board's request would support 10-13 projects in FY13; 8-10 projects in FY14; and 4-6 projects in the remaining years.

**Council Staff supports an increase in this area if funds are available, but notes that this is an area that could be reduced, if necessary, to meet affordability during reconciliation.** In this comparison, the Board's request for FY13-14 is very close to the AARC, and clearly within the demonstrated level of need. Again, the Council will need to determine how much additional funding

is available, given the number of competing priorities for the capital budget within schools and across all agencies. Council Staff highlights that the Council could reduce the Board’s request and still increase the level of effort, if necessary, due to affordability considerations.

**8. Planned Lifecycle Asset Replacement (PLAR): MCPS (PDF on ©37)**

Project: Planned Life Cycle Asset Repl: MCPS												
	Total	Through FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
FY11-16 Amended	56,657	24,284	32,373	7,246	6,163	4,741	4,741	4,741	4,741	n/a	n/a	
FY13-18 BOE Proposed	83,244	24,284	43,374	6,724	8,862	7,229	7,229	7,229	7,229	7,229	7,229	
change from amended	26,587	-	11,001	n/a	n/a	2,488	2,488	2,488	2,488	n/a	n/a	
percent change from amended	46.9%		33.98%	n/a	n/a	52.5%	52.5%	52.5%	52.5%	n/a	n/a	

This project funds replacement of key facility and site components based on an inventory of their age and conditions. Components addressed in this project cover a wide range, including code corrections, flooring, lighting, and playground equipment.

The Board requested an increase of \$2.5 million in each year of the CIP, which MCPS estimates would support approximately 380 projects per year. Again, PLAR is an area of high priority as it addresses key facility components each year and has an extensive backlog of projects to address. The Executive did not list PLAR in the projects to be reduced in the MCPS Affordability Reconciliation PDF.

The IMTF report indicates an AARC for this project of \$106 million per year. This is the combined total of a wide range of projects that fall under PLAR, and according to the format of the report would replace each of these components according to their anticipated lifespan. This is clearly an out-of-reach funding target, but does indicate the range and number of outstanding projects in this area.

**Council Staff supports an increase in this area if funds are available, but notes that this is an area that could be reduced, if necessary, to meet affordability during reconciliation.** Again, the Council will need to determine how much additional funding is available, given the number of competing priorities for the capital budget within schools and across all agencies. Council Staff highlights that the Council could reduce the Board’s request and still increase the level of effort, if necessary, due to affordability considerations.

**9. Other IMTF Reviewed Projects**

The Board did not request increases in the level of effort funding for Roof Replacement: MCPS (PDF on ©40) and Fire Safety Code Upgrades (PDF on ©32) projects (other than the specific FY13-14 Fire Safety increases identified above). The IMTF report indicates the following:

- For Fire Safety Code Upgrades, the IMTF report shows an AARC of \$2.5 million. The Board’s requested level of effort for this project is \$819,000, which is 33% of the AARC.
- For Roof Replacement, the IMTF report shows an AARC of \$10.8 million. The Board’s requested level of effort for this project is \$6.5 million, or 60% of the AARC.

Although these are projects which would benefit from additional funding, the Board’s funding priorities did not include increased effort at this time. For Fire Safety Code Upgrades, the Board’s increased request for FY13-14 shows the ability to periodically respond to identified critical needs

above the level of effort. Roof Replacement is at a reasonable level of the AARC. **Council Staff supports the Board's FY13-18 request for these projects**, and the Committee will continue to monitor the level of effort in future CIP requests.

### **PART 3: CAPACITY PROJECT REVIEW**

#### **Enrollment**

Enrollment changes are one of the biggest drivers of both the Operating Budget and CIP for MCPS. From a CIP perspective, enrollment increases drive the need for additional classrooms and core space improvements. The Education Committee received a briefing on enrollment trends on February 6. Some summary information is repeated below.

- Official enrollment for the 2011-12 schoolyear is 146,497 students. This is 2,433 students more than 2010-11 official enrollment and 152 fewer students than was projected for 2011-12 at this time last year.
- Elementary enrollment is expected to climb and then plateau over the six-year period. Middle school enrollment is expected to steadily climb during the six-year period as the bump in elementary school enrollment ages out. High school enrollment is expected to be flat and then grow again as the bump in middle school enrollment ages into high school during the later part of the six-year period.
- Birth rates have remained at historically high levels over the past 10 years (13,273 in 2010) and are a major reason for the continued increases in elementary school enrollment.
- Overall enrollment is expected to climb to 156,020 (a gain of nearly 9,500 more students) through FY18.

These enrollment trends are causing significant space needs throughout the County 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.

**A key finding from the above information is that enrollment is not expected to dip in the near future and, therefore, in many clusters permanent space (rather than interim space such as can be provided with relocatable classrooms) is needed for the long-term. Also, since enrollment increases are occurring throughout many clusters, school assignment/boundary changes are not viable options in many cases.**

## Subdivision Staging Policy School Test

A major indicator of future capacity needs is the Subdivision Staging Policy School Test. While school capacity may be a problem at some schools, even if a cluster “passes” the test, a failing test for a cluster is a clear indicator that additional capacity is needed and should be prioritized.

On February 6, the Committee was briefed on the status of the Board of Education’s request vis a vis the School Test. Some of that information is reproduced below as background.

The Subdivision Staging Policy School test looks at projected enrollment and capacity at the beginning of the 6<sup>th</sup> school year of the CIP period (August 2017 for the FY13-18 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 into which a cluster may fall 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.

### Current Status

Currently, the Richard Montgomery cluster is under moratorium because of projected overutilization beyond 120% at both the middle and elementary school levels in August 2016.

Three other clusters (B-CC, DownCounty Consortium (Northwood) and Northwest) would also have fallen into moratorium, but the Council approved “solution” projects effective July 1, 2011 within the FY11-16 CIP. These projects are placeholders with dollars for classroom space in the outyears of the CIP that provide sufficient capacity to keep these clusters below the 120% moratorium threshold, pending review and approval of specific projects for the FY13-18 CIP this spring. The Council utilizes placeholder projects only in cases where MCPS has the capability to add the required space within the window of the school AGP test period.<sup>1</sup>

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<sup>1</sup> The Council considered approving a “solution” placeholder elementary and middle school project for the Richard Montgomery Cluster last year. However, while this approach would have kept the cluster out of the County moratorium, it would not have helped the cluster avoid a similar moratorium by the City of Rockville, which has its own capacity test. The City of Rockville’s test requires utilization of 110% or less and only counts future capacity that is coming on-line within the next 2 years.

August 2017 Test (based on the BOE Request)

With regard to the FY13-18 CIP period, which begins July 1, 2012, the summary chart on ©52 shows which clusters would fail the 105% or 120% tests based on the Board of Education's Proposed CIP. Table 4 below details projected utilization rates by cluster and by school level and the new capacity assumed in these rates.

**Table 4: FY18 (August 2017) Utilization Rates by Cluster and School Type  
Based on BOE Requested Capacity**

	ES	MS	HS	BOE Request
BCC	91.9%	80.1%	131.7%	B-CC HS addition in FP, New B-CC MS to open in 8/17, Additions at Bethesda ES, North Chevy Chase ES, Rock Creek Forest ES Mod, Rosemary Hills ES
Churchill	91.8%	84.4%	95.8%	Potomac ES mod to open in 1/18
Clarksburg	100.8%	78.6%	98.1%	High school addition to open in 8/15, New Clarksburg/Damascus MS to open in 8/16, New Clarksburg Cluster ES to open in 8/14
Damascus	99.4%	102.4%	85.7%	New Clarksburg/Damascus MS to open in 8/16
<b>Downcounty Consortium</b>	<b>100.0%</b>	<b>102.2%</b>	<b>98.0%</b>	
- Blair	101.6%	106.9%	103.7%	no capacity projects in this area
- Einstein	104.6%	92.6%	90.7%	no capacity projects in this area
- Kennedy	95.3%	98.3%	94.5%	Bel Pre mod to open in 8/2015
- Northwood	102.6%	99.6%	111.5%	Arcola ES addition to open in 8/2015, Highland View ES addition to open in 8/2017
- Wheaton	95.5%	109.5%	86.5%	Wheaton HS mod to open in 8/15, Wheaton Woods ES mod to open in 8/2016
Gaithersburg	110.0%	95.2%	91.4%	no capacity projects in cluster
Walter Johnson	103.6%	112.3%	106.3%	Luxmanor ES mod to open in 1/18
Magruder	105.4%	78.0%	85.8%	Candlewood ES mod to open in 1/15. FP for addition at Resnik ES.
Richard Montgomery	92.2%	92.2%	103.1%	Julius West MS addition to open in 8/2016, Hungerford Park ES to reopen in 8/2015
<b>Northeast Consortium</b>	<b>108.0%</b>	<b>103.3%</b>	<b>96.9%</b>	
- Blake	106.7%	99.0%	106.7%	no capacity projects in cluster
- Paint Branch	114.5%	104.2%	99.1%	no capacity projects in cluster, FP for Greencastle ES addition in FY13
- Springbrook	104.6%	106.7%	86.7%	no capacity projects in cluster
Northwest	98.6%	104.1%	104.4%	Northwest ES #8 to open in 8/17
Poolesville	86.0%	69.1%	95.2%	no capacity projects in cluster
Quince Orchard	108.9%	86.1%	107.1%	Brown Station ES mod to open in 8/2016
Rockville	113.3%	115.4%	98.0%	Maryvale ES mod to open in 1/2018, FP for Meadow Hall ES and Barnsley ES additions
Seneca Valley	111.9%	87.7%	81.2%	Seneca Valley HS mod to open in 8/2017, Waters Landing ES addition to open in 8/2014
Sherwood	100.0%	75.1%	92.8%	no capacity projects in cluster
Watkins Mill	97.9%	91.2%	75.7%	no capacity projects in cluster
Whitman	99.8%	116.0%	109.3%	Wood Acres ES Addition to open in 8/2016
Wootton	89.1%	91.5%	107.6%	FP for Wootton HS mod (FY14) and Cold Spring and Dufief ES mods (FY15)

The Richard Montgomery Cluster would now pass the County test, assuming the approval of two new projects proposed by MCPS:

- Richard Montgomery ES #5 (Hungerford Park), a school reopening project within the Rehab/Renovation of Closed Schools (RROCs) umbrella project that would open in August 2015.
- A classroom addition project at Julius West Middle School that would come on-line in August 2016.

The DownCounty Consortium Northwood High School area would also avoid moratorium in the School Test for August 2017 because of revised capacity calculations at Sligo Creek ES (+94 seats as a result of class size reduction changes). The area is still subject to school impact taxes, as utilization would still exceed 105%. Two newly requested addition projects (at Arcola ES and Highland View ES respectively) would bring overutilization down further but still not below the 105% level.

The Northwest High School Cluster would barely avoid moratorium, thanks to slightly reduced enrollment projections from last year. If the newly requested Northwest ES #8 is approved and opens on schedule in August 2017, the cluster's elementary school utilization would drop below 100%.

The Bethesda-Chevy Chase (B-CC) cluster would go into moratorium because of inadequate space at the high school level. MCPS is planning an addition to open at B-CC High School in August 2015 that would address this capacity problem. However, the project is in facility planning and will not count toward the test until funding is approved for the project.

**The B-CC cluster is a good candidate for a cluster solution project, and Council Staff recommends that the Council support inclusion of such a project in the FY13-18 CIP. Council Staff will work with MCPS staff to develop a project with a minimum scope and cost to bring the high school cluster capacity below 120%.**

#### Utilization Rates by Cluster Assuming No New Capacity

In considering the urgency of projects, it is helpful to look at what would happen in each cluster if requested capacity projects were not to happen. The following table presents each cluster's utilization rates, based only on existing capacity (and capacity currently under construction) and what would be the resulting subdivision staging policy for schools test result.

**Table 5: FY18 (August 2017) Utilization Rates by Cluster and School Type  
Baed on Existing Capacity and Capacity Already Under Construction Only**

	ES	MS	HS	Comment
<b>BCC</b>	<b>120.1%</b>	<b>151.3%</b>	<b>131.7%</b>	<b>Moratorium</b>
Churchill	96.0%	84.4%	95.8%	Adequate Capacity
Clarksburg	<b>128.7%</b>	<b>134.3%</b>	<b>123.4%</b>	Moratorium
Damascus	99.4%	102.4%	85.7%	Adequate Capacity
<b>Downcounty Consortium</b>	<b>106.4%</b>	<b>102.2%</b>	<b>101.8%</b>	
- Blair	101.6%	106.9%	103.7%	School Impact Tax
- Einstein	104.6%	92.6%	90.7%	Adequate
- Kennedy	102.3%	98.3%	94.5%	Adequate
- Northwood	115.8%	99.6%	111.5%	School Impact Tax
- Wheaton	108.8%	109.5%	110.3%	School Impact Tax
Gaithersburg	110.0%	95.2%	91.4%	School Impact Tax
Walter Johnson	109.7%	112.3%	106.3%	School Impact Tax
Magruder	108.3%	78.0%	85.8%	School Impact Tax
Richard Montgomery	<b>122.7%</b>	<b>135.0%</b>	103.1%	<b>Moratorium</b>
<b>Northeast Consortium</b>	<b>108.0%</b>	<b>103.3%</b>	<b>96.9%</b>	
- Blake	106.7%	99.0%	106.7%	School Impact Tax
- Paint Branch	114.5%	104.2%	99.1%	School Impact Tax
- Springbrook	104.6%	106.7%	86.7%	School Impact Tax
Northwest	119.1%	104.0%	104.4%	School Impact Tax
Poolesville	86.0%	69.1%	95.2%	Adequate Capacity
Quince Orchard	119.3%	86.1%	107.1%	School Impact Tax
Rockville	<b>122.3%</b>	115.4%	98.0%	<b>Moratorium</b>
Seneca Valley	<b>126.6%</b>	87.6%	106.0%	<b>Moratorium</b>
Sherwood	100.0%	72.2%	92.8%	Adequate Capacity
Watkins Mill	97.9%	91.1%	75.7%	Adequate Capacity
Whitman	107.5%	116.0%	109.3%	School Impact Tax
Wootton	89.1%	91.5%	107.6%	School Impact Tax

The major problem areas are the B-CC, Clarksburg, Richard Montgomery, Rockville, and Seneca Valley Clusters (which would all go into moratorium without new capacity), and the Northwest Cluster (which would be within 1% of going into moratorium at the elementary school level).

Most of the other clusters would fall into the school impact tax level (between 105% and 120% utilization).

**In fact, under this “no new capacity” scenario, elementary school utilization averages 108.5 percent, middle school utilization is at 101.2 percent, and high school utilization is at**

**100.5 percent. These numbers mean that adjacent capacity from other clusters is likely not sufficient to avoid the need for specific capacity projects.**

### Summary of Capacity Projects

Capacity projects include new schools, additions, and those modernizations which include increases in capacity.

Table 6, below, presents the 14 new/reopened/addition school capacity projects that are not yet under construction. Note: Four of the projects reviewed are in the Approved CIP. Others are newly requested projects.

**Table 6: Individual School Projects Not Yet Under Construction**

Project Name	6 Year	FY13	FY14	FY15	FY16	FY17	FY18	Comment
<b>Approved Projects</b>								
Clarksburg Cluster ES (Clarksburg Village Site #1)	27,434	6,410	8,613	12,411				Capacity of 740. School to open in August 2014. Construction appropriation requested.
Clarksburg HS Addition	11,823	377	3,229	3,269	4,948			18 classroom addition (405 seats) planned to open in August 2015. Design appropriation requested.
Clarksburg/Damascus MS	44,808	200	1,107	17,400	15,225	10,876		Capacity of 988. School to open in August 2016. Design appropriation requested.
Waters Landing ES Addition	8,559	1,526	3,487	3,546				11 classroom addition (248 seats) in design., to open in August 2014. Construction appropriation requested.
<b>Newly Requested Projects</b>								
Arcola ES Addition	3,841	141	1,096	1,057	1,547			6 classroom addition (138 seats) to open in August 2015. Design appropriation requested.
Bethesda ES Addition	3,970	143	1,168	1,082	1,577			8 classroom addition (184 seats) to open in August 2015. Design appropriation requested.
Bethesda-Chevy Chase MS #2	46,485	-	250	1,099	18,054	15,798	11,284	Capacity of 944. New MS to open in August 2017.
Highland View ES Addition	10,551			346	2,806	2,955	4,444	10 classroom addition (246 seats) to open in August 2017
Richard Montgomery Cluster ES #5 (RROCs)	29,481	175	4,106	10,922	14,278			Capacity of 740. Hungerford Park site to re-open in August 2015.
North Chevy Chase ES Addition	6,820	230	1,921	1,880	2,789			6 classroom addition (138 seats) to open in August 2015. Design appropriation requested.
Northwest ES #8	28,157			738	10,967	9,597	6,855	Capacity of 740. New ES to open in August 2017.
Rosemary Hills ES Addition	5,708	198	1,668	1,569	2,273			6 classroom addition (139 seats) to open in August 2015. Design appropriation requested.
Julius West MS Addition	12,311		409	3,265	3,447	5,190		18 classroom addition (458 seats) to open in August 2016
Wood Acres ES Addition	6,853		232	2,051	1,874	2,696		8 classroom addition (184 seats) to open in August 2016
<b>Totals</b>	<b>246,801</b>	<b>9,400</b>	<b>27,286</b>	<b>60,635</b>	<b>79,785</b>	<b>47,112</b>	<b>22,583</b>	

As shown on the chart, approximately \$246.8 million is requested for these projects over the six-year period. These projects in total provide for nearly 6,300 additional seats.

Modernizations that add capacity are taken into account when looking at school capacity issues, but the modernization schedule itself will be discussed more specifically at a future Education Committee meeting. Table 7, below, presents modernizations in the six-year period that provide significant capacity.

**Table 7: Modernization Projects with Significant Capacity Changes**

Project Name	6 Year Cost (in \$000s)	6 Year Cost						Completion Date	Seats Added
		FY13	FY14	FY15	FY16	FY17	FY18		
Bel Pre ES	28,228	8,129	8,433	11,666				Aug-14	200
Candlewood ES	23,681	152	4,620	9,763	9,146			Jan-15	68
Rock Creek Forest ES	28,915	371	4,121	11,839	12,584			Jan-15	435
Brown Station ES	21,838	169	231	4,633	9,973	6,832		Aug-16	244
Wheaton Woods ES	25,340	200	257	5,405	11,618	7,860		Aug-16	404
Seneca Valley HS	76,160	200	293	986	18,088	34,010	22,583	Aug-17	396
Wheaton HS/Edison Tech	128,129	1,816	9,963	33,866	28,908	26,308	27,268	Aug-19	346
Potomac ES	10,898			229	459	3,687	6,523	Jan-18	126
Maryvale ES/Sandburg	21,808			423	845	7,418	13,122	Jan-18	170
Luxmanor ES	11,556			241	482	3,920	6,913	Jan-18	220
<b>Totals</b>	<b>376,553</b>	<b>11,037</b>	<b>27,918</b>	<b>79,051</b>	<b>92,103</b>	<b>90,035</b>	<b>76,409</b>		<b>2,609</b>

### Cost Changes in Capacity Projects

The following table presents capacity project costs as they appear in the Approved FY11-16 CIP (as amended July 1, 2011) and in the Board of Education's Requested FY13-18 CIP\*.

**Table 7: Approved and Proposed Cost Changes in Individual School Projects**

Project	Total Project Cost (in 000s)			% Change	
	Approved	Proposed	Change		
<b>Individual Schools</b>					
Ongoing Projects	Bradley Hills ES Addition*	14,249	17,949	3,700	26.0%
	Darnestown ES Addition*	11,100	15,400	4,300	38.7%
	Downcounty Consortium ES #29 (Mckenny Hills) in RROCs*	31,008	26,508	(4,500)	-14.5%
	Georgian Forest ES Addition	10,620	10,620	-	0.0%
	Seven Locks ES Addition/Modernization*	22,287	18,787	(3,500)	-15.7%
	Viers Mill ES Addition	11,177	11,177	-	0.0%
	Westbrook ES Addition	11,805	11,805	-	0.0%
	Wyngate ES Addition	10,230	10,230	-	0.0%
	Clarksburg Cluster ES (Clarksburg Village Site #1)	27,966	28,218	252	
	Clarksburg HS Addition	12,015	11,823	(192)	
	Clarksburg/Damascus MS	44,348	44,808	460	
Waters Landing ES Addition	8,827	8,827	-		
New Projects	Arcola ES Addition	n/a	3,841	n/a	n/a
	Bethesda ES Addition	n/a	3,970	n/a	n/a
	Bethesda-Chevy Chase MS #2	n/a	46,485	n/a	n/a
	Highland View ES Addition	n/a	10,551	n/a	n/a
	Richard Montgomery Cluster ES #5 (RROCs)	n/a	29,481	n/a	n/a
	North Chevy Chase ES Addition	n/a	6,820	n/a	n/a
	Northwest ES #8	n/a	28,157	n/a	n/a
	Rosemary Hills ES Addition	n/a	5,708	n/a	n/a
	Julius West MS Addition	n/a	12,311	n/a	n/a
	Wood Acres ES Addition	n/a	6,853	n/a	n/a
<b>Total</b>	<b>n/a</b>	<b>370,329</b>	<b>n/a</b>	<b>n/a</b>	

\*On February 14, the BOE approved a transfer request from Downcounty Consortium #29 (-\$4.5M) and Seven Locks ES Addition/Mod (-\$3.5M) to Bradley Hills ES Addition (+\$3.7M) and Darnestown ES Addition (+\$4.3M) to address cost increases at those schools. The Council has not acted on this transfer request yet, but Council Staff has updated the cost estimates for these projects based on this action.

Most of the projects do not reflect project cost changes at this time. This is consistent with MCPS' assessment of square footage costs for construction (not including site work) being relatively stable since calendar year 2010 (averaging about \$203 per square foot for modernizations and \$211 per square foot for addition projects).

As discussed earlier, the exceptions are the four projects associated with the Board of Education's recent transfer request action, which will be transmitted to the Council shortly.

### Review of Capacity Projects by Cluster

This section summarizes Council Staff's review of each of the clusters with capacity projects. As noted on Table 4 earlier, the following clusters do not have capacity projects requested in the six-year period.

- Blair and Einstein areas (within the Downcounty Consortium)
- Gaithersburg
- Blake and Springbrook areas (within the Northeast Consortium)
- Poolesville
- Sherwood
- Watkins Mill

In some cases, utilization in the above clusters falls within the school impact tax range (105% to 120%) at one or more school levels, so MCPS is likely to consider projects in these areas in the future. However, the focus of Council Staff's review is on those clusters where major capacity projects are already requested.

As was done two years ago, during the most recent full CIP review, Council Staff has put the capacity projects into three priority categories: Highest Priority, Medium Priority, and Justified (but lower priority). NOTE: Council Staff did not rank the projects within each category.

In general, Council Staff looked at utilization rate trends, both within the cluster and at the existing school (if applicable), as well as at the timing for the project (especially with regard to the subdivision staging test), number of projects within the cluster, etc. For detailed worksheets regarding capacity and enrollment projects, see ©62-66. Some summary information is provided in Table 8, below:

Table 8: School Capacity Project Comparisons

School	Completion Date	Total Cost (in 000s)	Classrooms Added	Seats Added	Utilization August 2017		Relocatables on Site
					School	Cluster*	
Arcola ES Addition (DownCounty Cons.- Northwood)	Aug-15	3,841	6	138	144.4%	115.8%	3
Bethesda ES Addition (B-CC)	Aug-15	3,970	8	184	139.3%	120.1%	5
Bethesda-Chevy Chase MS #2	Aug-17	46,485	new school	944	n/a	151.3%	n/a
Clarksburg Cluster ES (Clarksburg Village Site #1)	Aug-14	28,218	new school	740	n/a	128.7%	n/a
Clarksburg HS Addition	Aug-15	11,823	18	405	123.4%	123.4%	9
Clarksburg/Damascus MS	Aug-16	44,808	new school	988	n/a	134.3%	n/a
Highland View ES Addition (DownCounty Cons. - Northwood)	Aug-17	10,551	10	246	141.5%	115.8%	6
Julius West MS Addition (Richard Montgomery)	Aug-16	12,311	18	458	135.0%	135.0%	0
North Chevy Chase ES Addition (B-CC)	Aug-15	6,820	6	138	150.0%	120.1%	5
Northwest ES #8	Aug-17	28,157	new school	740	n/a	119.1%	n/a
Richard Montgomery Cluster ES #5 (RROCs)	Aug-15	29,481	reopening	740	n/a	122.7%	n/a
Rosemary Hills ES Addition (B-CC)	Aug-15	5,708	6	139	120.0%	120.1%	5
Waters Landing ES Addition (Seneca Valley)	Aug-14	7,506	9	248	142.8%	126.6%	5
Wood Acres ES Addition (Whitman)	Aug-16	6,853	8	184	127.4%	107.5%	6

While Council Staff believes all of the capacity projects are justified, the timing for some projects is more urgent than others.

It is also important for Councilmembers to keep in mind that most of these capacity projects are newly requested by the Board of Education and do not have approved completion dates.

Therefore, if the Council approves a new project on a later schedule from what was requested, this is still the addition of a new project to the CIP and not a deferral.

Highest Priority – Do Not Defer

- **B-CC Middle School #2 (PDF on ©10):** This project is needed to relieve what would be 151% middle school utilization at the cluster’s only middle school (Westland MS) by August 2017. The project is intended to open in August 2017, so further delay would result in the cluster going into moratorium. There is no adjacent capacity available in the Whitman or Walter Johnson clusters. Adjacent space in the nearest DownCounty consortium middle schools is also minimal or non-existent.
- **Julius West Middle School Addition (PDF on ©24):** Without this addition, utilization would reach 135% at the cluster’s only middle school by August 2017. The project is scheduled to open in August 2016 and so could be delayed one year and still meet the County’s subdivision staging policy schools test. However, this level of over-utilization is second only to the B-CC Cluster Middle School test. Therefore, other delays should be considered first. Also, the City of Rockville’s growth policy test looks out only two years and therefore any delay in this project would delay when the cluster would emerge from Rockville’s moratorium. Adjacent capacity is not available.
- **Clarksburg/Damascus Middle School (PDF on ©14):** Similarly to the middle school situations above, the Clarksburg cluster is facing very high utilization rates (134.3% by August 2017) without this new middle school. Adjacent capacity is not available. As with Julius West MS, the project is scheduled to open in August 2016 and so could be delayed one year and still meet the County’s subdivision staging policy schools test. However, the severe overutilization warrants looking at other options first before considering a later completion date than requested by the Board of Education.
- **Northwest ES #8 (PDF on ©19):** This new school is needed to relieve substantial overutilization (119.1% by August 2017). The cluster would almost go into moratorium without this project. Further, the project is scheduled to open in August 2017, so any later completion date would negatively affect the staging policy schools test in this or future years.

Medium Priority Level – Deferrals Would be Problematic

- **Bethesda ES Addition, North Chevy Chase ES Addition, Rosemary Hills ES Addition (Bethesda-Chevy Chase Cluster) (PDFs on ©9, 18, 20):** All of these projects are part of a complex set of projects and boundary changes to address enrollment and programmatic concerns in the B-CC Cluster. These projects, along with the Rock Creek Forest modernization, would reduce elementary school utilization in the cluster to about 92 percent. Council Staff believes the need for these projects is well-justified. However, all three additions are scheduled to open in August 2015. Assuming the Rock Creek Forest modernization opens in January 2015 as assumed (with 435 additional seats), elementary school utilization would drop below 105 percent. At this level of utilization, it is possible to consider later completion dates for one or more of the addition projects, if necessary to meet fiscal targets.

- **Clarksburg Cluster ES (PDF on ©12):** This project is already in the Approved FY11-17 CIP with design work occurring in FY12. Construction would begin in FY13 if the project continues on its approved schedule. Without the project, utilization would reach 128.7% in August 2017. Council Staff believes the project is well justified. The only question is whether a deferral of a year or two, for fiscal reasons, is appropriate, since the project could still be completed in time to avoid a moratorium and could possibly free up funds relatively early in the CIP.
- **Waters Landing ES Addition (PDF on ©23):** As with the Clarksburg Cluster ES, this project is already in the Approved FY11-17 CIP, with design work occurring in FY12. Without the project, cluster utilization would reach 126.6% in August 2017. Utilization at the school itself is currently at 137% and would reach 143% by August 2017 without the addition. There are currently 5 relocatable classrooms on site. The prioritization issue is similar to the Clarksburg Cluster ES in that a deferral is possible without affecting the staging policy test and could free up resources early in the CIP.
- **Clarksburg High School Addition (PDF on ©13):** As with the Clarksburg Cluster ES and Waters Landing ES Addition, this project is already in the Approved FY11-17 CIP, with design work occurring in FY12. Without the project, utilization would reach 123.4% in August 2017. The prioritization issues are similar to those noted for the Clarksburg Cluster ES and Waters Landing ES Addition.
- **Richard Montgomery Cluster ES #5 (Hungerford Reopening) (RROCs PDF on ©38):** Without the project, utilization would reach 122.7% in August 2017. The County Executive has recommending scheduling the project to open in August 2017 (instead of August 2015 as requested by the Board of Education) for fiscal reasons, both to save some capital dollars early in the CIP and to reduce the lease costs of temporarily relocating the current services at Hungerford Park to rental space until the Broome facility (where the services are to move) is renovated. On either schedule, the cluster will fail the Rockville Adequate Public Facilities Standards test. Another concern is that the Broome facility work (the new holding school and the new facility to house the Childrens Resource Center) is in an early planning stage and unexpected issues could further delay the move of the Center to Broome (adding to lease costs).

Justified, but Lower Priority Than The Above Projects

- **Arcola ES Addition (PDF on ©8) and Highland View ES Addition (PDF on ©17) (Downcounty Consortium/Northwood Area):** The Downcounty Consortium has been the focus of a number of capacity projects in recent years and overall (across the entire consortium), elementary school utilization is not as high (106.4% if including current capacity and new capacity under construction) when compared to other clusters with far higher utilization rates. The Northwood area within the Consortium is a bit higher overall (about 115.8% at current capacity). However, even the Northwood area utilization is well below most of the other clusters, with new capacity projects requested. Also, the Arcola ES addition is requested to open by August 2015 (earlier than most of the other capacity projects).

Both schools are experiencing high and growing overutilization rates with little or no room at adjacent schools. However, the use of relocatable classrooms at one or both of these sites

could be extended, for fiscal reasons, if needed.

- **Wood Acres ES Addition (Whitman Cluster) (PDF on ©26):** The Whitman Cluster elementary school level has a utilization rate of 107.5% in FY18 at current capacity levels. This cluster-wide utilization rate is the lowest of all of the clusters with requested capacity projects. Utilization at the school itself is currently quite high at 134%, but is projected to drop slightly over the next few years. The school currently has six relocatable classrooms on site. The addition project could be deferred, if required for fiscal reasons, and the relocatable classrooms on site could continue to be used until the addition is built.

Council Staff suggests that MCPS be offered the opportunity to prioritize its school capacity projects prior to CIP reconciliation in May. This information would not supplant the Board of Education’s request, but rather inform the Council as to where adjustments should be made first, if needed, to fund the Committee’s and Council’s priorities (in the MCPS CIP and the CIP as a whole). The modernization program is already prioritized.

Below are 4 options for adjusting the capacity project completion dates. These options are only intended to illustrate the budget effect of shifting multiple projects and do not reflect a Council Staff recommendation at this time.

**Table 8: Costs (Savings) From Adjusting Capacity Project Completion Dates**

	6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6Y
Option 1A: Move all addition projects one year	(22,583)	(9,400)	(17,886)	(33,349)	(19,150)	32,673	24,529	22,583
Option 1B: Move all addition projects two years	(69,695)	(9,400)	(27,286)	(51,235)	(52,499)	13,523	57,202	69,695
Option 2A: Move all addition projects one year (but with no completion date beyond FY18)	-	(7,501)	(10,042)	(22,821)	10,831	13,467	16,066	
Option 2B: Move all addition projects two years (but with no completion date beyond FY18)	-	(9,400)	(26,836)	(47,504)	46	37,520	46,174	
Option 3A: Keep Middle Schools on BOE Requested Schedule. Move all other addition projects one year (but with no completion date beyond FY18)	-	(9,200)	(16,320)	(12,267)	8,501	26,590	2,696	
Option 3B: Keep Middle Schools on BOE Requested Schedule. Move all other addition projects two years (but with no completion date beyond FY18)	-	(9,200)	(25,520)	(28,355)	(1,947)	34,914	30,108	

Options 1A and 1B simply move every project out one year and two years respectively. This means that some project completions move out of the six-year period, reducing the six-year CIP. However, these options also impact the Subdivision Staging Policy School Capacity Test. With an across-the-board one-year delay, the B-CC Cluster would fall into moratorium and the Northwest Cluster would be on the brink of moratorium. With a two-year across-the-board delay, the Clarksburg and Richard Montgomery clusters also would fall into moratorium.

Options 2 and 3 keep all projects within the six-year CIP period, so there is no effect on the Subdivision Staging Policy School Capacity Test. There are also no overall six-year savings from the Board of Education request.

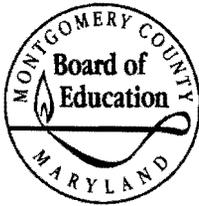
- Options 2A and 2B assume to defer projects one year or two years respectively but with no project pushed beyond FY18.

- Options 3A and 3B assume to keep the middle school projects on schedule and to defer other projects one or two years respectively, but with no project pushed beyond FY18.

**Each of these options frees up some bond funding in the early years of the CIP. However, given that the Board of Education's FY13-18 Request is about \$127 million greater than the Latest Approved FY11-16 CIP, and the County's FY13-18 approved spending affordability for GO Bonds is down about \$97 million from the FY11-16 CIP, the above options would not do much to balance the CIP or provide room for restoring some Board of Education recommended modernization deferrals.**

For a future Education Committee meeting, Council Staff will develop expenditure scenarios across the full breadth of the MCPS CIP, including capacity projects, modernizations, systemic projects, and others.

KML:f:\levchenko\mcps\fy13 18 cip\ed 2 27 12.doc



# **MONTGOMERY COUNTY BOARD OF EDUCATION**

850 Hungerford Drive ♦ Rockville, Maryland 20850

December 1, 2011

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

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

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

At its November 17, 2011, meeting, the Board of Education adopted the Requested Fiscal Year (FY) 2013 Capital Budget and the FY 2013–2018 Capital Improvements Program (CIP) for Montgomery County Public Schools (MCPS). Enclosed is a copy of the Board of Education resolution requesting a FY 2013 Capital Budget appropriation of \$159,063,000 and a FY 2013–2018 CIP totaling \$1,489,044,000 (Action 6.0).

The Board of Education is committed to working with Montgomery County elected officials to address our many facility needs in the most prudent way; however, we also must provide our students with the best possible learning environment. We believe, as representatives of our staff, students, and parent community, that it is our responsibility to request a CIP that reflects the needs of our school system but also is mindful of the fiscal limitations of Montgomery County. This requested CIP accomplishes both of these goals.

## **Enrollment**

For the 2011–2012 school year, MCPS continues to experience record enrollment growth. The official September 30, 2011, enrollment of 146,497 is 2,433 more students than last year's enrollment of 144,064. Since 2007, MCPS has experienced a significant surge in enrollment. Between 2007 and 2011, enrollment increased by more than 9,000 students and projections for the 2017–2018 school year indicate an increase of approximately 9,000 more students.

The growth that MCPS has experienced since 2007 has been caused by rising births as well as the impact of the economic conditions in the region and the country. Fewer families have moved out of Montgomery County, while migration into the county remains at pre-recession levels. In addition, many more students have entered MCPS from private schools during this period, and about 85 percent of all school-aged students in the county attend MCPS, an increase of about 4 percent from the beginning of the previous decade. The following chart shows the official September 30 enrollment for this year and the previous four years, as well as the enrollment projection for 2018:

FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2018
137,745	139,276	141,777	144,064	146,497	156,020

Total enrollment is projected to reach 156,020 in 2017–2018, an increase of more than 9,000 students from this year’s enrollment of 146,497, and an increase of 18,000 over this 10-year period. At the elementary school level, capacity shortages are the most severe, with 90 percent of our 350 relocatable classrooms located at these schools. As the wave of elementary school enrollment ages up to middle school, MCPS will begin to face more capacity deficits, especially in clusters with only one middle school. At most high schools, capacity deficits are not as significant; however, this will change in the long-term as enrollment continues to rise.

**Requested CIP**

Fiscal Year 2013 is the first year of the biennial CIP review process. In accordance with the Montgomery County charter, all CIP projects are considered in off-numbered fiscal years; therefore, this requested CIP will receive a full review by the county executive and the County Council.

The Board of Education’s Requested FY 2013 Capital Budget and the FY 2013–2018 CIP totals \$1.489 billion, an increase of \$129.7 million or 9.13 percent over the previously approved six-year plan. The request includes \$274.1 million in expenditures for FY 2013, an increase of \$45.3 million over the previously approved FY 2013 expenditures.

In order to formulate his recommendations for the CIP, the superintendent of schools placed all capital projects in six categories and then established the following priority for these categories:

1. Compliance with regulations—projects that are mandated by law or other government agencies
2. Capital maintenance—projects that preserve our capital assets and maintain learning environments that are safe, secure, and comfortable
3. Capacity—projects that build new schools and additions so facilities operate within capacity and core areas are not overutilized
4. Modernizations—projects that bring our older facilities up to current educational program standards and assure a long life-cycle for these facilities
5. System infrastructure—projects that allow MCPS support facilities to keep pace with enrollment increases as well as make needed improvements to these facilities
6. Technology modernization—projects that fund computers and other technology upgrades to ensure students have access to up-to-date technologies

The Board of Education recognizes the need to categorize and prioritize the capital projects included in the CIP request. We believe that the development of these priorities was valuable in guiding the Board of Education in its deliberations on the superintendent’s recommendations.

The Board of Education’s Requested FY 2013–2018 CIP includes funding for critical capacity projects through new schools and additions, modernization projects, and capital maintenance

projects, as well as compliance and system infrastructure projects and technology modernization. Specifically, it:

- maintains the completion dates of seven elementary school and one high school addition projects;
- maintains the completion date of one new elementary school;
- maintains the completion dates for all elementary school modernizations;
- maintains the approved funding levels of many countywide systemic projects;
- requests six new elementary school and one middle school addition projects;
- requests two new elementary schools and one new middle school;
- requests a significant increase in funding for the Heating, Ventilation, and Air Conditioning (HVAC) project;
- requests completion dates for eight new elementary school modernizations as a result of the recent Facilities Assessment with Criteria and Testing assessment; and
- requests that the remaining 39 schools assessed for restroom renovations be completed in the six-year CIP period.

While the Requested FY 2013 Capital Budget and FY 2013–2018 CIP includes funding for many individual capital projects and countywide systemic projects, it delays projects long awaited by some communities. In order to create a six-year CIP that balances MCPS' capital needs with the funding limitations of the county, the superintendent of schools recommended a one-year delay to the secondary modernization schedule, starting with William H. Farquhar Middle School and Wheaton High School/Thomas Edison High School of Technology, as well as a one-year delay to an approved project, Clarksburg/Damascus Middle School #2.

While the Board of Education certainly understands and respects the recommendation by the superintendent of schools to delay the secondary modernization program based on his priorities, we believe that school modernizations, which bring our older facilities up to current educational program standards and help to foster a thriving learning environment, also must continue to be a priority. The Board of Education, mindful of the current economic climate, could not place all of the secondary modernizations back on their approved schedule; however, we acknowledge that the Wheaton High School/Thomas Edison High School of Technology is a unique situation.

Wheaton High School is part of the Downcounty Consortium, and in order to be competitive and attract students, it must have the program offerings available at the other high schools within the consortium. The programs offered at the Thomas Edison High School of Technology focus on rigorous and relevant instruction that prepares students for college and careers. This high school must have the most up-to-date facility to adequately benefit our students who may choose to embark on a career after high school. Therefore, the Board of Education amended the superintendent's recommendation to place the Wheaton High School/Thomas Edison High School of Technology back on its approved modernization schedule.

In order to place the Wheaton High School/Thomas Edison High School of Technology back on its approved modernization schedule and keep this change cost neutral, the Board of Education made the

Mr. Leggett  
Ms. Ervin and  
Members of the County Council

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December 1, 2011

following modifications to the superintendent's recommendation:

- Reduced the FY 2014 expenditure for the HVAC project
- Delayed for two years the expenditures for the Transportation Depot project
- Delayed for two years the expenditures for the renovations of the Edwin W. Broome facility

The construction of a new middle school in the Bethesda-Chevy Chase Cluster is necessary in order to address increasing enrollment in the cluster and to reassign Grade 6 students, currently served at Chevy Chase and North Chevy Chase elementary schools, to the middle school level. The new middle school (B-CC Middle School #2) is included in the superintendent's recommendation.

The Board of Education took action on April 28, 2011, to select Rock Creek Hills Local Park—one of the two locations recommended by the Site Selection Advisory Committee (SSAC)—as the site for the new middle school. Following the Board's action on the Rock Creek Hills Local Park site, a concern was raised about the site selection process. The superintendent determined that these concerns and complications with federal funds used to develop the park were eroding support for the site and that the best course of action was to conduct the site selection process again, including an expanded group of stakeholders and being as inclusive as possible. The superintendent recommended, and the Board concurred, that the new process be conducted to allow any additional candidate sites be identified and evaluated by the new SSAC.

While the Board of Education would have preferred not to include any delays in the Requested FY 2013–2018 CIP, the current economic circumstances left us little choice.

### **Local and State Funding**

Funding for the CIP continues to be a complex issue. Local funding sources—such as county General Obligation (GO) bonds, current revenue, the county Recordation Tax, and the School Impact Tax—are utilized in conjunction with state aid to fund the CIP. MCPS relies heavily on GO bonds to fund many of our capital projects included in the six-year CIP.

As noted in the Superintendent's Recommended FY 2013 Capital Budget and FY 2013–2018 CIP, Montgomery County continues to face fiscal constraints and projected revenue shortfalls. The county executive previously stated his desire to reduce capital expenditures and the County Council's action to lower the Spending Affordability Guidelines (SAG) make the economic circumstances all the more challenging.

On October 4, 2011, the Montgomery County Council set the SAG for the FY 2013–2018 CIP at \$295 million for both FY 2013 and FY 2014, with a six-year total of \$1.77 billion, a decrease of \$140 million from the previously approved SAG limit of \$1.91 billion. As you know, the County Council will have an opportunity to review the SAG limit in February 2012 and at that time, we believe that it is imperative that the Council raise the SAG limit in order to fund the many critical needs of our school system. Should the County Council not raise the SAG limit, this reduction will have a significant impact on our students and staff who spend their days in increasingly overcrowded

schools that need additional capacity and in older schools that need systemic improvements and modernizations. The Board of Education is ready to work with our elected officials to provide a shared commitment to address our capital needs within the current economic climate. The desire to maintain the AAA bond rating should be balanced with the need to provide sufficient space for our students to learn.

State funding of school construction has been and continues to be a critical component of MCPS CIP funding. For FY 2013, the revised state aid request is \$184.5 million. This figure is based on current eligibility of projects approved by the County Council in May 2011. Of the \$184.5 million request, \$5.1 million is for two projects that have received partial state funding in a prior year, \$5.9 million is for two forward-funded construction projects, \$9.8 million is for systemic roofing and HVAC projects, and the remaining \$163.7 million is for 21 projects that will require state planning approval in addition to construction funding.

It is crucial that MCPS receives a minimum of \$40 million, which is the amount assumed by the County Council in the adopted CIP. We need to continue to make a compelling case to our state leaders to provide Montgomery County with its fair share of state construction funds. If sufficient state aid is not allocated to MCPS for our capital projects, it will be the county's responsibility to provide the additional funds, or project schedules will have to be delayed.

### **Non-Capital Items**

This past spring, feasibility and capacity studies for new schools and additions to existing facilities were conducted to address overutilization in many clusters, including one for a new elementary school on the former Hungerford Park Elementary School site in the Richard Montgomery Cluster. Currently, the Children's Resource Center (CRC) is located at this site and houses a number of programs that are overseen by the Montgomery County Department of Health and Human Services. In February 2010, the Cross-Agency Resource Sharing (CARS) Committee was established to address the county's long-term budget challenges through cross-agency collaboration to achieve operational efficiencies, reduce costs, and improve the quality of services for Montgomery County residents. With the goals of the CARS Committee in mind, the feasibility study for the new Richard Montgomery Cluster elementary school included options to collocate some of the services currently located at the Hungerford Park site, as well as a stand-alone elementary school.

The majority of feasibility study participants expressed their support for the elementary school-only option and shared concerns regarding the collocation of CRC that included additional traffic, safety of students, and site constraints. To address these concerns, MCPS staff worked with Montgomery County Department of General Services (DGS) staff to develop an option that would meet everyone's interests. After a thorough evaluation of the Hungerford Park site and an analysis of alternative sites, both MCPS staff and DGS staff have determined that an alternative site to relocate the CRC services would be the better and less costly solution. The superintendent of schools recommended that the Hungerford Park site include the school-only option for the new Richard Montgomery Cluster elementary school, and the Board of Education concurs with this recommendation.

Mr. Leggett  
Ms. Ervin and  
Members of the County Council

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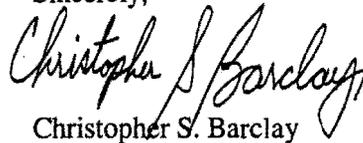
December 1, 2011

The Superintendent's Recommended FY 2013 Capital Budget and FY 2013–2018 Capital Improvements Program also included two boundary study recommendations. The first boundary recommendation was to relieve overcrowding at Bethesda, Chevy Chase, North Chevy Chase, and Rosemary Hills elementary schools. The second boundary study was to create the service area for the new Downcounty Consortium Elementary School #29 (McKenney Hills site). The Board of Education concurs with the superintendent's recommendation for both boundary studies.

Finally, a roundtable advisory committee was convened in spring 2011 to study the possible collocation of the Carl Sandburg Learning Center program at Maryvale Elementary School once the school is modernized. After review of the feedback from the advisory committee, the superintendent of schools recommended collocating the Carl Sandburg Learning Center on the Maryvale Elementary School site when the modernization is complete in August 2018. The Board of Education concurs with the superintendent's recommendation.

The Board of Education stands ready to work with you to secure the necessary funding to provide school buildings that have seats for every student and programmatic spaces essential for learning.

Sincerely,



Christopher S. Barclay  
President

CSB:ak

Enclosure

Copy to:  
Members of the Board of Education  
Dr. Starr

**Board of Education Requested FY 2013 Capital Budget  
and the FY 2013–2018 Capital Improvements Program**  
(figures in thousands)

Project	FY 2013 Approp.	Total	Thru FY 2011	Remaining FY 2012	Total Six-Years	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
<b>Individual School Projects</b>											
Arcola ES Addition	281	3,841			3,841	141	1,096	1,057	1,547		
Bethesda ES Addition	286	3,970			3,970	143	1,168	1,082	1,577		
Bethesda-Chevy Chase MS #2		46,485			46,485		250	1,099	18,054	15,798	11,284
Bradley Hills ES Addition	605	14,249		2,650	11,599	4,894	6,705				
Clarksburg Cluster ES (Clarksburg Village Site #1)	25,700	28,218		784	27,434	6,410	8,613	12,411			
Clarksburg HS Addition	755	11,823			11,823	377	3,229	3,269	4,948		
Clarksburg/Damascus MS (New)	2,614	44,808			44,808	200	1,107	17,400	15,225	10,876	
Darnestown ES Addition	375	11,100		2,488	8,612	4,069	4,543				
Georgian Forest ES Addition	446	10,620		2,337	8,283	3,924	4,359				
Highland View ES Addition		10,551			10,551			346	2,806	2,955	4,444
North Chevy Chase ES Addition	459	6,820			6,820	230	1,921	1,880	2,789		
Northwest ES #8		28,157			28,157			738	10,967	9,597	6,855
Rosemary Hills ES Addition	395	5,708			5,708	198	1,668	1,569	2,273		
Seven Locks ES Add/Mod.		22,287	1,793	17,494	3,000	3,000					
Viers Mill ES Addition	569	11,177		2,347	8,830	4,092	4,738				
Waters Landing ES Addition	7,758	8,827		268	8,559	1,526	3,487	3,546			
Julius West MS Addition		12,311			12,311		409	3,265	3,447	5,190	
Westbrook ES Addition	586	11,805		2,177	9,628	4,744	4,884				
Wood Acres ES Addition		6,853			6,853		232	2,051	1,874	2,696	
Wyngate ES Addition	520	10,230		1,914	8,316	4,272	4,044				
<b>Countywide Projects</b>											
ADA Compliance: MCPS	3,035	18,393	6,158	1,200	11,035	3,035	3,200	1,200	1,200	1,200	1,200
Asbestos Abatement	1,145	13,230	5,215	1,145	6,870	1,145	1,145	1,145	1,145	1,145	1,145
Building Modifications and Program Improvements	2,300	19,222	12,622	2,000	4,600	2,300	2,300				
Current Replacement/Modernizations	21,433	997,404	269,617	106,778	621,009	131,710	125,542	102,134	119,223	92,549	49,851
Design, Engineering & Construction	4,900	56,475	21,775	4,800	29,900	4,900	5,000	5,000	5,000	5,000	5,000
Energy Conservation: MCPS	2,057	25,636	11,237	2,057	12,342	2,057	2,057	2,057	2,057	2,057	2,057
Facility Planning: MCPS	610	8,447	5,097	1,100	2,250	610	380	420	440	200	200
Fire Safety Upgrades	1,503	11,483	4,392	817	6,274	1,503	1,503	817	817	817	817
Food Services Equipment Replacement		6,600			6,600		6,600				
Future Replacements/Modernizations		87,261			87,261			1,070	2,581	23,471	60,139
HVAC (Mechanical Systems) Replacement	22,000	121,415	26,415	15,000	80,000	22,000	18,000	10,000	10,000	10,000	10,000
Improved (Safe) Access to Schools	1,500	8,428	4,528	1,200	2,700	1,500	1,200				
Indoor Air Quality Improvements	1,497	23,767	12,697	2,088	8,982	1,497	1,497	1,497	1,497	1,497	1,497
Land Acquisition	4,200	4,200			4,200	4,200					
Modifications to Holding, Special Education & Alternative Centers	1,500	3,000			3,000	1,500	1,500				
Planned Life-Cycle Asset Replacement (PLAR)	7,229	82,395	31,008	8,013	43,374	7,229	7,229	7,229	7,229	7,229	7,229
Rehabilitation/Renovation of Closed Schools (RROCS)	1,749	116,277	57,611	12,826	45,840	9,677	4,106	10,922	14,278	377	6,480
Relocatable Classrooms	4,000	32,811	20,611	2,200	10,000	4,000	4,000	2,000			
Restroom Renovations	1,000	13,085	6,735	1,000	5,350	1,000	1,000	1,000	1,000	1,000	350
Roof Replacement: MCPS	6,468	62,929	17,653	6,468	38,808	6,468	6,468	6,468	6,468	6,468	6,468
School Security Systems	1,500	12,750	6,250	1,500	5,000	1,500	1,500	500	500	500	500
Stormwater Discharge and Water Quality Management	616	8,135	3,835	604	3,696	616	616	616	616	616	616
Technology Modernization	21,847	266,100	98,182	18,178	149,740	21,847	25,456	26,805	26,358	23,997	25,277
Transportation Depots		19,000			19,000			6,500	6,500	3,000	3,000
WSSC Compliance	5,625	6,400		775	5,625	5,625					
<b>Total Requested CIP</b>	<b>159,063</b>	<b>2,334,683</b>	<b>623,431</b>	<b>222,208</b>	<b>1,489,044</b>	<b>274,139</b>	<b>272,752</b>	<b>237,093</b>	<b>272,416</b>	<b>228,235</b>	<b>204,409</b>

\*Bold indicates new project to the FY 2013-2018 CIP.

## Arcola ES Addition -- No. 136500

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 21, 2011  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	281	0	0	281	141	84	56	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	543	0	0	543	0	434	109	0	0	0	0
Construction	2,887	0	0	2,887	0	578	866	1,443	0	0	0
Other	130	0	0	130	0	0	26	104	0	0	0
<b>Total</b>	<b>3,841</b>	<b>0</b>	<b>0</b>	<b>3,841</b>	<b>141</b>	<b>1,096</b>	<b>1,057</b>	<b>1,547</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	3,841	0	0	3,841	141	1,096	1,057	1,547	0	0	0
<b>Total</b>	<b>3,841</b>	<b>0</b>	<b>0</b>	<b>3,841</b>	<b>141</b>	<b>1,096</b>	<b>1,057</b>	<b>1,547</b>	<b>0</b>	<b>0</b>	<b>0</b>

#### DESCRIPTION

Enrollment projections at Arcola Elementary School reflect a need for an addition. Arcola Elementary School has a program capacity for 486 students. Enrollment is expected to reach 745 students by the 2015-2016 school year. A feasibility study was conducted in FY 2011 to determine the cost and scope of the project.

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

#### CAPACITY

Program Capacity After Addition: 624

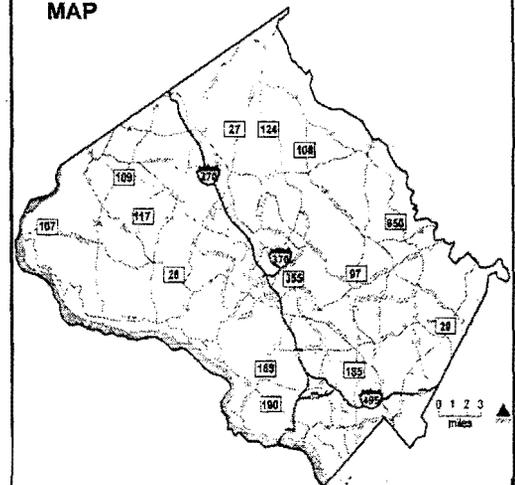
#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY13	(\$000)
First Cost Estimate		
Current Scope	FY	0
Last FY's Cost Estimate		0
Appropriation Request	FY13	281
Appropriation Request Est.	FY14	3,430
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditures / Encumbrances		0
Unencumbered Balance		0
Partial Closeout Thru	FY10	0
New Partial Closeout	FY11	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



## Bethesda ES Addition -- No. 136501

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 21, 2011  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	286	0	0	286	143	86	57	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	632	0	0	632	0	506	126	0	0	0	0
Construction	2,881	0	0	2,881	0	576	864	1,441	0	0	0
Other	171	0	0	171	0	0	35	136	0	0	0
<b>Total</b>	<b>3,970</b>	<b>0</b>	<b>0</b>	<b>3,970</b>	<b>143</b>	<b>1,168</b>	<b>1,082</b>	<b>1,577</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	3,970	0	0	3,970	143	1,168	1,082	1,577	0	0	0
<b>Total</b>	<b>3,970</b>	<b>0</b>	<b>0</b>	<b>3,970</b>	<b>143</b>	<b>1,168</b>	<b>1,082</b>	<b>1,577</b>	<b>0</b>	<b>0</b>	<b>0</b>

#### DESCRIPTION

Enrollment projections at Bethesda Elementary School reflect a need for an addition. Bethesda Elementary School has a program capacity for 384 students. Enrollment is expected to reach 515 students by the 2015-2016 school year. A feasibility study was conducted in FY 2011 to determine the cost and scope of the project.

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

#### CAPACITY

Program Capacity After Addition: 568

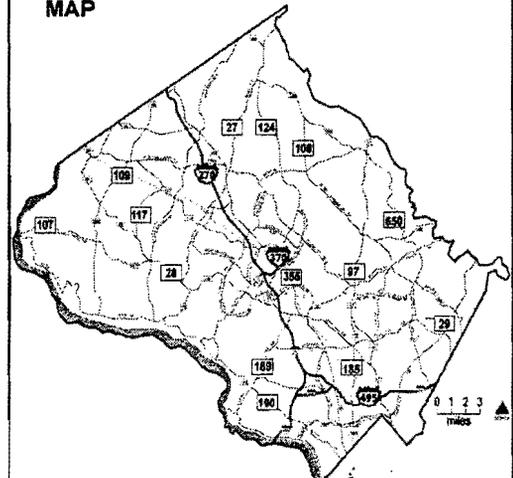
#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY13	(\$000)
First Cost Estimate	FY	0
Current Scope		
Last FY's Cost Estimate		0
Appropriation Request	FY13	286
Appropriation Request Est.	FY14	3,513
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditures / Encumbrances		0
Unencumbered Balance		0
Partial Closeout Thru	FY10	0
New Partial Closeout	FY11	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



## Bethesda-Chevy Chase MS #2 -- No. 136502

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 23, 2011  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	2,698	0	0	2,698	0	250	1,099	809	540	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	6,584	0	0	6,584	0	0	0	5,267	1,317	0	0
Construction	35,703	0	0	35,703	0	0	0	11,978	13,641	10,084	0
Other	1,500	0	0	1,500	0	0	0	0	300	1,200	0
<b>Total</b>	<b>46,485</b>	<b>0</b>	<b>0</b>	<b>46,485</b>	<b>0</b>	<b>250</b>	<b>1,099</b>	<b>18,054</b>	<b>15,798</b>	<b>11,284</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	46,485	0	0	46,485	0	250	1,099	18,054	15,798	11,284	0
<b>Total</b>	<b>46,485</b>	<b>0</b>	<b>0</b>	<b>46,485</b>	<b>0</b>	<b>250</b>	<b>1,099</b>	<b>18,054</b>	<b>15,798</b>	<b>11,284</b>	<b>0</b>

**DESCRIPTION**

Enrollment projections at Westland Middle School and the plan to reassign Grade 6 students from Chevy Chase and North Chevy Chase elementary schools to the middle school level, will result in a total cluster middle school enrollment of approximately 1,600 students. This projected enrollment would far exceed the current capacity of Westland Middle School. Therefore, a new middle school is needed in the cluster to accommodate the projected enrollment. A feasibility study was conducted to determine the cost and scope of the project.

An FY 2014 appropriation will be requested to begin planning this new school. An FY 2016 appropriation will be requested for construction funds. This project is scheduled to be completed by August 2017.

**CAPACITY**

Program Capacity: 944

APPROPRIATION AND EXPENDITURE DATA	COORDINATION																																										
<table border="1"> <tr> <td>Date First Appropriation</td> <td>FY</td> <td>(\$000)</td> </tr> <tr> <td>First Cost Estimate</td> <td></td> <td></td> </tr> <tr> <td>Current Scope</td> <td>FY</td> <td>0</td> </tr> <tr> <td>Last FY's Cost Estimate</td> <td></td> <td>0</td> </tr> <tr> <td>Appropriation Request</td> <td>FY13</td> <td>0</td> </tr> <tr> <td>Appropriation Request Est.</td> <td>FY14</td> <td>2,698</td> </tr> <tr> <td>Supplemental Appropriation Request</td> <td></td> <td>0</td> </tr> <tr> <td>Transfer</td> <td></td> <td>0</td> </tr> <tr> <td>Cumulative Appropriation</td> <td></td> <td>0</td> </tr> <tr> <td>Expenditures / Encumbrances</td> <td></td> <td>0</td> </tr> <tr> <td>Unencumbered Balance</td> <td></td> <td>0</td> </tr> <tr> <td>Partial Closeout Thru</td> <td>FY10</td> <td>0</td> </tr> <tr> <td>New Partial Closeout</td> <td>FY11</td> <td>0</td> </tr> <tr> <td>Total Partial Closeout</td> <td></td> <td>0</td> </tr> </table>	Date First Appropriation		FY	(\$000)	First Cost Estimate			Current Scope	FY	0	Last FY's Cost Estimate		0	Appropriation Request	FY13	0	Appropriation Request Est.	FY14	2,698	Supplemental Appropriation Request		0	Transfer		0	Cumulative Appropriation		0	Expenditures / Encumbrances		0	Unencumbered Balance		0	Partial Closeout Thru	FY10	0	New Partial Closeout	FY11	0	Total Partial Closeout		0
Date First Appropriation	FY	(\$000)																																									
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Current Scope	FY	0																																									
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Expenditures / Encumbrances		0																																									
Unencumbered Balance		0																																									
Partial Closeout Thru	FY10	0																																									
New Partial Closeout	FY11	0																																									
Total Partial Closeout		0																																									

Agency Request

## 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 21, 2011  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	1,170	585	351	234	234	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	2,032	0	1,626	406	406	0	0	0	0	0	0
Construction	10,442	0	88	10,354	4,133	6,221	0	0	0	0	0
Other	605	0	0	605	121	484	0	0	0	0	0
<b>Total</b>	<b>14,249</b>	<b>585</b>	<b>2,065</b>	<b>11,599</b>	<b>4,894</b>	<b>6,705</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	12,249	585	65	11,599	4,894	6,705	0	0	0	0	0
Schools Impact Tax	2,000	0	2,000	0	0	0	0	0	0	0	0
<b>Total</b>	<b>14,249</b>	<b>585</b>	<b>2,065</b>	<b>11,599</b>	<b>4,894</b>	<b>6,705</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### OPERATING BUDGET IMPACT (\$000)

Energy				138	0	46	46	0	0	0
Maintenance				264	0	88	88	88	0	0
<b>Net Impact</b>				<b>402</b>	<b>0</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>0</b>	<b>0</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 Walt 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 Walt 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 was approved for planning funds. An FY 2012 appropriation was approved for construction funds. An FY 2013 appropriation is requested to complete this project. This project is scheduled to be completed August 2013.

#### CAPACITY

Program Capacity After Project: 638

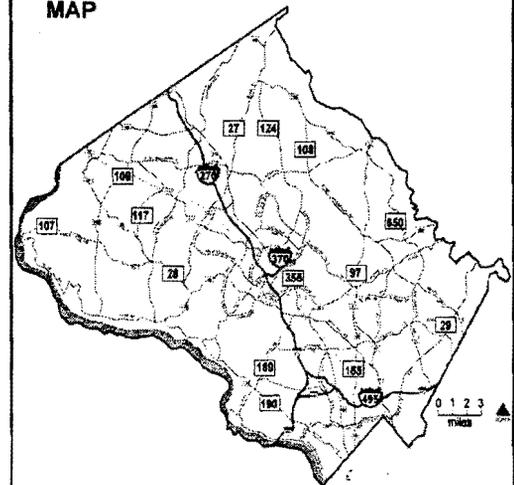
#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY11	(\$000)
First Cost Estimate	FY	0
Current Scope		
Last FY's Cost Estimate		14,249
Appropriation Request	FY13	605
Appropriation Request Est.	FY14	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		13,644
Expenditures / Encumbrances		1,024
Unencumbered Balance		12,620
Partial Closeout Thru	FY10	0
New Partial Closeout	FY11	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



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

Category	Montgomery County Public Schools	Date Last Modified	November 08, 2011
Subcategory	Individual Schools	Required Adequate Public Facility	No
Administering Agency	MCPS	Relocation Impact	None
Planning Area	Clarksburg	Status	Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	1,567	0	784	783	470	313	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	3,998	0	0	3,998	1,599	1,599	800	0	0	0	0
Construction	21,703	0	0	21,703	4,341	6,511	10,851	0	0	0	0
Other	950	0	0	950	0	190	760	0	0	0	0
<b>Total</b>	<b>28,218</b>	<b>0</b>	<b>784</b>	<b>27,434</b>	<b>6,410</b>	<b>8,613</b>	<b>12,411</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	26,218	0	784	25,434	4,410	8,613	12,411	0	0	0	0
Schools Impact Tax	2,000	0	0	2,000	2,000	0	0	0	0	0	0
<b>Total</b>	<b>28,218</b>	<b>0</b>	<b>784</b>	<b>27,434</b>	<b>6,410</b>	<b>8,613</b>	<b>12,411</b>	<b>0</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 was requested for planning funds in the Board of Education's FY 2011-2016 CIP. However, due to fiscal constraints, the County Council, in the adopted FY 2011-2016 CIP, delayed this project one year. An FY 2012 appropriation was approved for planning funds. An FY 2013 appropriation is requested for construction funds. The project is now scheduled to be completed by August 2014.

#### CAPACITY

Program Capacity After Project: 740

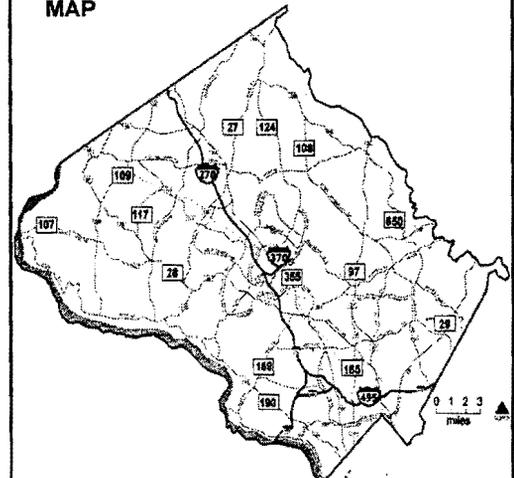
#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY12	(\$000)
First Cost Estimate	FY	0
Current Scope		
Last FY's Cost Estimate	27,966	
Appropriation Request	FY13	25,700
Appropriation Request Est.	FY14	951
Supplemental Appropriation Request	0	
Transfer	0	
Cumulative Appropriation	1,567	
Expenditures / Encumbrances	0	
Unencumbered Balance	1,567	
Partial Closeout Thru	FY10	0
New Partial Closeout	FY11	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



## 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 08, 2011  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	755	0	0	755	377	226	152	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,492	0	0	1,492	0	1,194	298	0	0	0	0
Construction	9,047	0	0	9,047	0	1,809	2,714	4,524	0	0	0
Other	529	0	0	529	0	0	105	424	0	0	0
<b>Total</b>	<b>11,823</b>	<b>0</b>	<b>0</b>	<b>11,823</b>	<b>377</b>	<b>3,229</b>	<b>3,269</b>	<b>4,948</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	11,823	0	0	11,823	377	3,229	3,269	4,948	0	0	0
<b>Total</b>	<b>11,823</b>	<b>0</b>	<b>0</b>	<b>11,823</b>	<b>377</b>	<b>3,229</b>	<b>3,269</b>	<b>4,948</b>	<b>0</b>	<b>0</b>	<b>0</b>

### OPERATING BUDGET IMPACT (\$000)

Energy				160	0	0	80	80	0	0
Maintenance				304	0	0	152	152	0	0
<b>Net Impact</b>				<b>464</b>	<b>0</b>	<b>0</b>	<b>232</b>	<b>232</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. 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 was included in the Board of Education's FY 2011-2016 CIP to begin planning this addition project. However, due to fiscal constraints, the County Council adopted FY 2011-2016 CIP delayed this project one year, from August 2014 to August 2015. An FY 2013 appropriation is requested to begin planning this addition project. This addition is scheduled to be completed by August 2015.

#### CAPACITY

Program Capacity after Project: 1,971

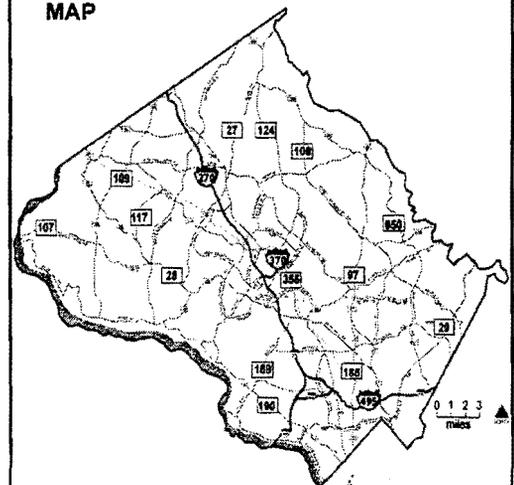
#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY13	(\$000)
First Cost Estimate	FY	0
Current Scope		
Last FY's Cost Estimate		12,015
Appropriation Request	FY13	755
Appropriation Request Est.	FY14	10,539
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditures / Encumbrances		0
Unencumbered Balance		0
Partial Closeout Thru	FY10	0
New Partial Closeout	FY11	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 22, 2011  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	2,614	0	0	2,614	200	1,107	559	748	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	6,352	0	0	6,352	0	0	3,597	2,755	0	0	0
Construction	34,442	0	0	34,442	0	0	13,244	11,442	9,756	0	0
Other	1,400	0	0	1,400	0	0	0	280	1,120	0	0
<b>Total</b>	<b>44,808</b>	<b>0</b>	<b>0</b>	<b>44,808</b>	<b>200</b>	<b>1,107</b>	<b>17,400</b>	<b>15,225</b>	<b>10,876</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	18,251	0	0	18,251	200	0	5,300	1,875	10,876	0	0
Schools Impact Tax	26,557	0	0	26,557	0	1,107	12,100	13,350	0	0	0
<b>Total</b>	<b>44,808</b>	<b>0</b>	<b>0</b>	<b>44,808</b>	<b>200</b>	<b>1,107</b>	<b>17,400</b>	<b>15,225</b>	<b>10,876</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. 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.

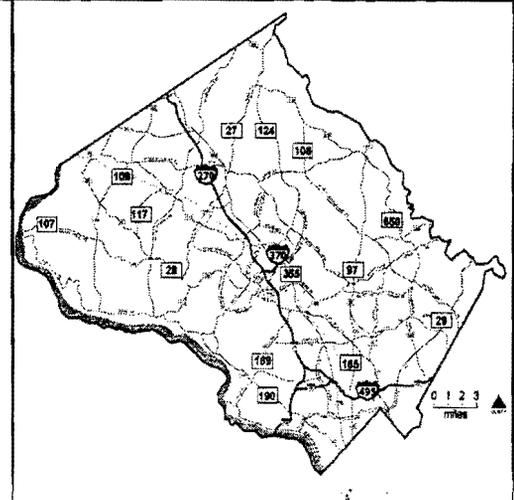
Due to fiscal constraints, this project was delayed one year in the Board of Education's Requested FY 2013-2018 CIP. An FY 2013 appropriation will be requested to begin planning this new middle school. This project is now scheduled to be completed by August 2016.

**CAPACITY**

Program Capacity after Project: 988

APPROPRIATION AND EXPENDITURE DATA		
Date First Appropriation	FY13	(\$000)
First Cost Estimate		
Current Scope	FY	0
Last FY's Cost Estimate		44,348
Appropriation Request	FY13	2,614
Appropriation Request Est.	FY14	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditures / Encumbrances		0
Unencumbered Balance		0
Partial Closeout Thru	FY10	0
New Partial Closeout	FY11	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



## 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 21, 2011  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	932	466	280	186	186	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,307	0	1,046	261	261	0	0	0	0	0	0
Construction	8,486	0	696	7,790	3,547	4,243	0	0	0	0	0
Other	375	0	0	375	75	300	0	0	0	0	0
<b>Total</b>	<b>11,100</b>	<b>466</b>	<b>2,022</b>	<b>8,612</b>	<b>4,069</b>	<b>4,543</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	9,100	466	22	8,612	4,069	4,543	0	0	0	0	0
Schools Impact Tax	2,000	0	2,000	0	0	0	0	0	0	0	0
<b>Total</b>	<b>11,100</b>	<b>466</b>	<b>2,022</b>	<b>8,612</b>	<b>4,069</b>	<b>4,543</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### OPERATING BUDGET IMPACT (\$000)

Energy				171	0	57	57	0	0		
Maintenance				330	0	110	110	110	0	0	0
<b>Net Impact</b>				<b>501</b>	<b>0</b>	<b>167</b>	<b>167</b>	<b>167</b>	<b>0</b>	<b>0</b>	<b>0</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 was approved to begin planning this addition. An FY 2012 appropriation was approved for construction funds. An FY 2013 appropriation is requested to complete this project. This project is scheduled to be completed by August 2013.

#### CAPACITY

Program Capacity after Addition: 455

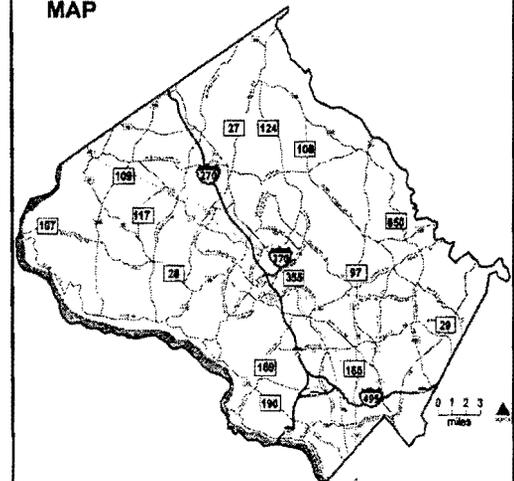
#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY11	(\$000)
First Cost Estimate		
Current Scope	FY	0
Last FY's Cost Estimate		11,100
Appropriation Request	FY13	375
Appropriation Request Est.	FY14	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		10,725
Expenditures / Encumbrances		1,073
Unencumbered Balance		9,652
Partial Closeout Thru	FY10	0
New Partial Closeout	FY11	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



## 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 21, 2011  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	897	449	269	179	179	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,272	0	1,018	254	254	0	0	0	0	0	0
Construction	8,006	0	601	7,405	3,402	4,003	0	0	0	0	0
Other	445	0	0	445	89	356	0	0	0	0	0
<b>Total</b>	<b>10,620</b>	<b>449</b>	<b>1,888</b>	<b>8,283</b>	<b>3,924</b>	<b>4,359</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	10,620	449	1,888	8,283	3,924	4,359	0	0	0	0	0
<b>Total</b>	<b>10,620</b>	<b>449</b>	<b>1,888</b>	<b>8,283</b>	<b>3,924</b>	<b>4,359</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### OPERATING BUDGET IMPACT (\$000)

Energy				168	0	56	56	56	0	0
Maintenance				321	0	107	107	107	0	0
<b>Net Impact</b>				<b>489</b>	<b>0</b>	<b>163</b>	<b>163</b>	<b>163</b>	<b>0</b>	<b>0</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 was approved to begin planning this addition. An FY 2012 appropriation was approved for construction funds. An FY 2013 appropriation is requested to complete this project. This project is scheduled to be completed by August 2013.

#### CAPACITY

Program Capacity after Project: 547

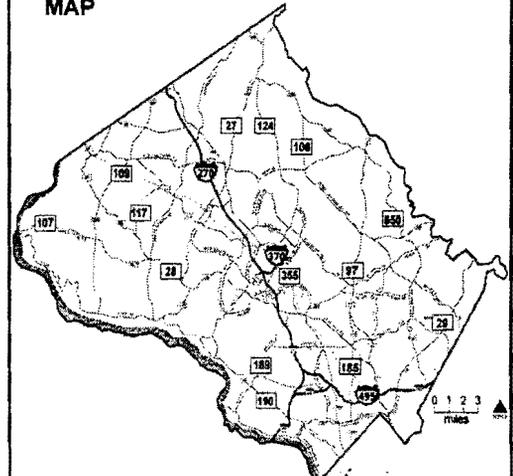
#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY11	(\$000)
First Cost Estimate	FY	0
Current Scope		
Last FY's Cost Estimate		10,620
Appropriation Request	FY13	446
Appropriation Request Est.	FY14	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		10,174
Expenditures / Encumbrances		1,137
Unencumbered Balance		9,037
Partial Closeout Thru	FY10	0
New Partial Closeout	FY11	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



## Highland View ES Addition -- No. 136503

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 21, 2011  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	692	0	0	692	0	0	346	208	138	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,136	0	0	1,136	0	0	0	909	227	0	0
Construction	8,447	0	0	8,447	0	0	0	1,689	2,534	4,224	0
Other	276	0	0	276	0	0	0	0	56	220	0
<b>Total</b>	<b>10,551</b>	<b>0</b>	<b>0</b>	<b>10,551</b>	<b>0</b>	<b>0</b>	<b>346</b>	<b>2,806</b>	<b>2,955</b>	<b>4,444</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	10,551	0	0	10,551	0	0	346	2,806	2,955	4,444	0
<b>Total</b>	<b>10,551</b>	<b>0</b>	<b>0</b>	<b>10,551</b>	<b>0</b>	<b>0</b>	<b>346</b>	<b>2,806</b>	<b>2,955</b>	<b>4,444</b>	<b>0</b>

#### DESCRIPTION

Enrollment projections at Highland View Elementary School reflect a need for an addition. Highland View Elementary School is a class-size reduction school and has a program capacity for 301 students. Enrollment is expected to reach 426 students by the 2017-2018 school year. A feasibility study was conducted in FY 2011 to determine the cost and scope of the project.

An FY 2015 appropriation will be requested to begin planning this addition. An FY 2016 appropriation will be requested for construction funds. This project is scheduled to be completed by August 2017.

#### CAPACITY

Program Capacity After Addition: 547

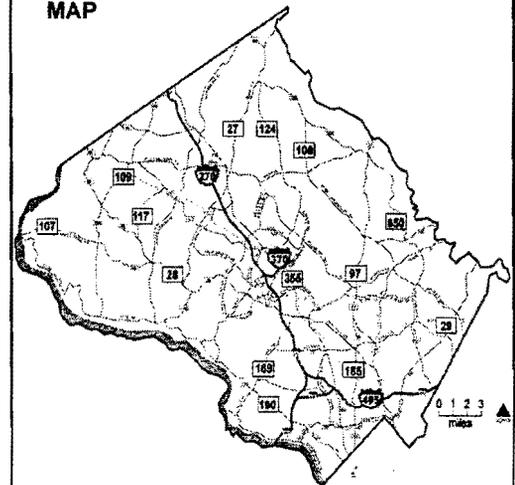
#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY	(\$000)
First Cost Estimate	FY	0
Current Scope	FY	0
Last FY's Cost Estimate		0
Appropriation Request	FY13	0
Appropriation Request Est.	FY14	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditures / Encumbrances		0
Unencumbered Balance		0
Partial Closeout Thru	FY10	0
New Partial Closeout	FY11	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



# North Chevy Chase ES Addition -- No. 136504

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 21, 2011  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	459	0	0	459	230	138	91	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	939	0	0	939	0	751	188	0	0	0	0
Construction	5,162	0	0	5,162	0	1,032	1,549	2,581	0	0	0
Other	260	0	0	260	0	0	52	208	0	0	0
<b>Total</b>	<b>6,820</b>	<b>0</b>	<b>0</b>	<b>6,820</b>	<b>230</b>	<b>1,921</b>	<b>1,880</b>	<b>2,789</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	6,820	0	0	6,820	230	1,921	1,880	2,789	0	0	0
<b>Total</b>	<b>6,820</b>	<b>0</b>	<b>0</b>	<b>6,820</b>	<b>230</b>	<b>1,921</b>	<b>1,880</b>	<b>2,789</b>	<b>0</b>	<b>0</b>	<b>0</b>

#### DESCRIPTION

Enrollment projections at North Chevy Chase Elementary School reflect a need for an addition. North Chevy Chase Elementary School has a program capacity for 220 students. Enrollment is expected to reach 330 students by the 2017-2018 school year. The reassignment of Grade 6 students out of North Chevy Chase Elementary School will relieve some, but not all, of the projected space deficit. A feasibility study was conducted in FY 2011 to determine the cost and scope of the project.

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

#### CAPACITY

Program Capacity After Addition: 358

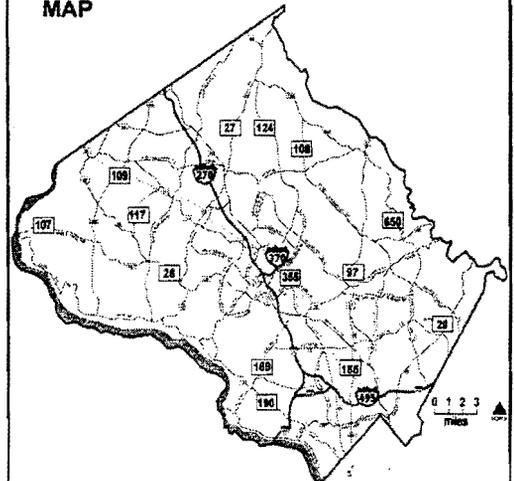
#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY13	(\$000)
First Cost Estimate	FY	0
Current Scope		0
Last FY's Cost Estimate		0
Appropriation Request	FY13	459
Appropriation Request Est.	FY14	6,101
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditures / Encumbrances		0
Unencumbered Balance		0
Partial Closeout Thru	FY10	0
New Partial Closeout	FY11	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



## Northwest ES #8 (New) -- No. 136505

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 23, 2011  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	1,477	0	0	1,477	0	0	738	444	295	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	3,490	0	0	3,490	0	0	0	2,690	800	0	0
Construction	22,215	0	0	22,215	0	0	0	7,833	8,307	6,075	0
Other	975	0	0	975	0	0	0	0	195	780	0
<b>Total</b>	<b>28,157</b>	<b>0</b>	<b>0</b>	<b>28,157</b>	<b>0</b>	<b>0</b>	<b>738</b>	<b>10,967</b>	<b>9,597</b>	<b>6,855</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	28,157	0	0	28,157	0	0	738	10,967	9,597	6,855	0
<b>Total</b>	<b>28,157</b>	<b>0</b>	<b>0</b>	<b>28,157</b>	<b>0</b>	<b>0</b>	<b>738</b>	<b>10,967</b>	<b>9,597</b>	<b>6,855</b>	<b>0</b>

#### DESCRIPTION

Projections indicate enrollment at Spark M. Matsunaga and Ronald McNair elementary schools will exceed the capacities at each school. Spark M. Matsunaga Elementary School has a program capacity of 650 with a 2017-2018 projected enrollment of 1,016 students. Ronald McNair Elementary School has a program capacity of 623 with a 2017-2018 projected enrollment of 732 students. In order to provide relief of the overutilization at both schools, a new elementary school is needed.

An FY 2015 appropriation will be requested to begin planning this new school. An FY 2016 appropriation will be requested for construction funds. This project is scheduled to be completed by August 2017.

#### CAPACITY

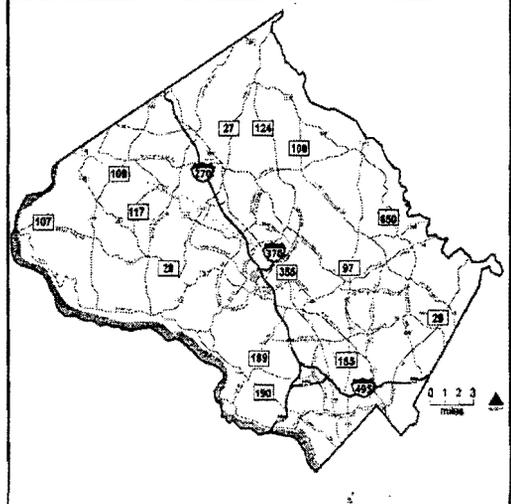
Program Capacity: 740

#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY	(\$000)
First Cost Estimate	FY	0
Current Scope	FY	0
Last FY's Cost Estimate		0
Appropriation Request	FY13	0
Appropriation Request Est.	FY14	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditures / Encumbrances		0
Unencumbered Balance		0
Partial Closeout Thru	FY10	0
New Partial Closeout	FY11	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



## Rosemary Hills ES Addition -- No. 136506

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 21, 2011  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	396	0	0	396	198	119	79	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	868	0	0	868	0	694	174	0	0	0	0
Construction	4,274	0	0	4,274	0	855	1,282	2,137	0	0	0
Other	170	0	0	170	0	0	34	136	0	0	0
<b>Total</b>	<b>5,708</b>	<b>0</b>	<b>0</b>	<b>5,708</b>	<b>198</b>	<b>1,668</b>	<b>1,569</b>	<b>2,273</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	5,708	0	0	5,708	198	1,668	1,569	2,273	0	0	0
<b>Total</b>	<b>5,708</b>	<b>0</b>	<b>0</b>	<b>5,708</b>	<b>198</b>	<b>1,668</b>	<b>1,569</b>	<b>2,273</b>	<b>0</b>	<b>0</b>	<b>0</b>

#### DESCRIPTION

Enrollment projections at Rosemary Hills Elementary School reflect a need for an addition. Rosemary Hills Elementary School has a program capacity for 476 students. Enrollment is expected to reach 571 students by the 2015-2016 school year. A feasibility study was conducted in FY 2011 to determine the cost and scope of the project.

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

#### CAPACITY

Program Capacity After Addition: 615

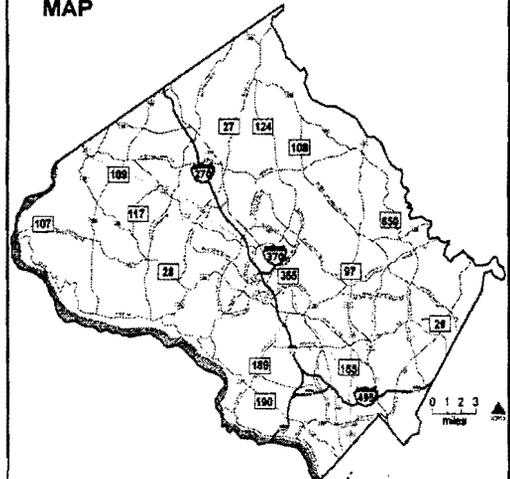
#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY13	(\$000)
First Cost Estimate	FY	0
Current Scope		0
Last FY's Cost Estimate		0
Appropriation Request	FY13	395
Appropriation Request Est.	FY14	5,141
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditures / Encumbrances		0
Unencumbered Balance		0
Partial Closeout Thru	FY10	0
New Partial Closeout	FY11	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



## 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 21, 2011  
No  
None  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	2,758	2,758	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	3,252	1,951	1,301	0	0	0	0	0	0	0	0
Construction	15,477	9,286	3,191	3,000	3,000	0	0	0	0	0	0
Other	800	640	160	0	0	0	0	0	0	0	0
<b>Total</b>	<b>22,287</b>	<b>14,635</b>	<b>4,652</b>	<b>3,000</b>	<b>3,000</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	19,987	14,635	2,352	3,000	3,000	0	0	0	0	0	0
Schools Impact Tax	2,300	0	2,300	0	0	0	0	0	0	0	0
<b>Total</b>	<b>22,287</b>	<b>14,635</b>	<b>4,652</b>	<b>3,000</b>	<b>3,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### OPERATING BUDGET IMPACT (\$000)

Energy				56	14	14	14	14	0	0
Maintenance				192	48	48	48	48	0	0
<b>Net Impact</b>				<b>248</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>0</b>	<b>0</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 2005-2010 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 was approved 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.

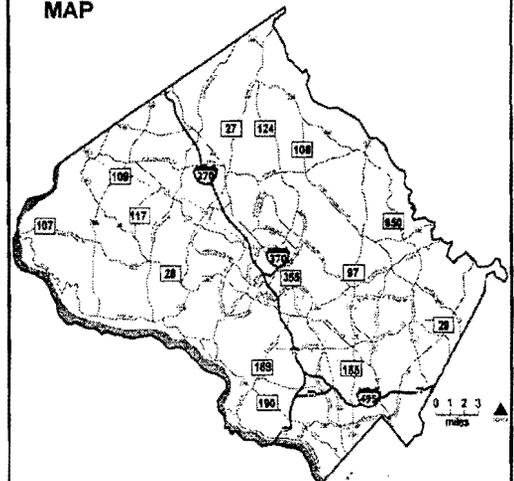
#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY01	(\$000)
First Cost Estimate	FY05	14,024
Current Scope		
Last FY's Cost Estimate		22,287
Appropriation Request	FY13	0
Appropriation Request Est.	FY14	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		22,287
Expenditures / Encumbrances		18,443
Unencumbered Balance		3,844
Partial Closeout Thru	FY10	0
New Partial Closeout	FY11	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 21, 2011  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	953	477	285	191	191	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,088	0	870	218	218	0	0	0	0	0	0
Construction	8,568	0	715	7,853	3,569	4,284	0	0	0	0	0
Other	568	0	0	568	114	454	0	0	0	0	0
<b>Total</b>	<b>11,177</b>	<b>477</b>	<b>1,870</b>	<b>8,830</b>	<b>4,092</b>	<b>4,738</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	11,177	477	1,870	8,830	4,092	4,738	0	0	0	0	0
<b>Total</b>	<b>11,177</b>	<b>477</b>	<b>1,870</b>	<b>8,830</b>	<b>4,092</b>	<b>4,738</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### OPERATING BUDGET IMPACT (\$000)

Energy				171	0	57	57	57	0	0
Maintenance				330	0	110	110	110	0	0
<b>Net Impact</b>				<b>501</b>	<b>0</b>	<b>167</b>	<b>167</b>	<b>167</b>	<b>0</b>	<b>0</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 was approved to begin planning this addition. An FY 2012 appropriation was approved for construction funds. An FY 2013 appropriation is requested to complete this project. This project is scheduled to be completed by August 2013.

#### CAPACITY

Program Capacity after Addition: 702

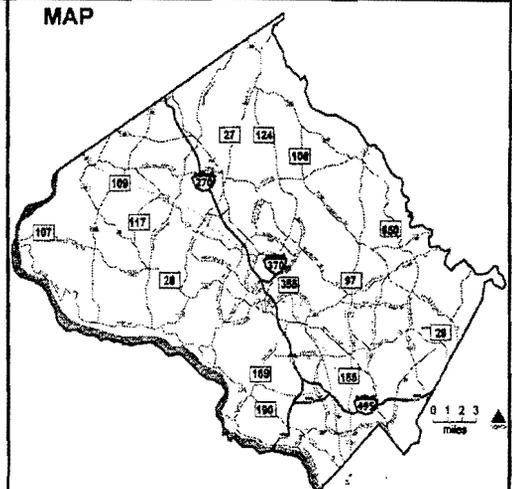
#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY11	(\$000)
First Cost Estimate	FY	0
Current Scope		
Last FY's Cost Estimate		11,177
Appropriation Request	FY13	569
Appropriation Request Est.	FY14	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		10,608
Expenditures / Encumbrances		1,323
Unencumbered Balance		9,285
Partial Closeout Thru	FY10	0
New Partial Closeout	FY11	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 21, 2011  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	669	0	268	401	267	134	0	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	766	511	0	0	0	0	0
Construction	6,481	0	0	6,481	493	2,592	3,396	0	0	0	0
Other	400	0	0	400	0	250	150	0	0	0	0
<b>Total</b>	<b>8,827</b>	<b>0</b>	<b>268</b>	<b>8,559</b>	<b>1,526</b>	<b>3,487</b>	<b>3,546</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	8,827	0	268	8,559	1,526	3,487	3,546	0	0	0	0
<b>Total</b>	<b>8,827</b>	<b>0</b>	<b>268</b>	<b>8,559</b>	<b>1,526</b>	<b>3,487</b>	<b>3,546</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### OPERATING BUDGET IMPACT (\$000)

Energy				114	0	38	38	38	0	0
Maintenance				237	0	79	79	79	0	0
<b>Net Impact</b>				<b>351</b>	<b>0</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>0</b>	<b>0</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 was requested as part of the Board of Education's FY 2011-2016 CIP to begin planning this addition. However, due to fiscal constraints, the County Council's adopted FY 2011-2016 CIP delayed this addition project one year. An FY 2012 appropriation was approved for planning funds. An FY 2013 appropriation is requested for construction funds. This project is now scheduled to be completed by August 2014.

#### CAPACITY

Program Capacity after Addition: 736

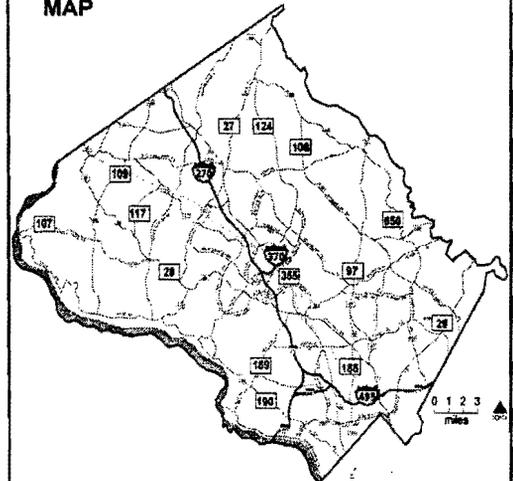
#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY12	(\$000)
First Cost Estimate	FY	0
Current Scope		
Last FY's Cost Estimate		8,827
Appropriation Request	FY13	7,758
Appropriation Request Est.	FY14	400
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		669
Expenditures / Encumbrances		0
Unencumbered Balance		669
Partial Closeout Thru	FY10	0
New Partial Closeout	FY11	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



## Julius West MS Addition -- No. 136507

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Individual Schools  
MCPS  
Rockville

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

November 21, 2011  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	817	0	0	817	0	409	245	163	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,312	0	0	1,312	0	0	1,050	262	0	0	0
Construction	9,852	0	0	9,852	0	0	1,970	2,956	4,926	0	0
Other	330	0	0	330	0	0	0	66	264	0	0
<b>Total</b>	<b>12,311</b>	<b>0</b>	<b>0</b>	<b>12,311</b>	<b>0</b>	<b>409</b>	<b>3,265</b>	<b>3,447</b>	<b>5,190</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	12,311	0	0	12,311	0	409	3,265	3,447	5,190	0	0
<b>Total</b>	<b>12,311</b>	<b>0</b>	<b>0</b>	<b>12,311</b>	<b>0</b>	<b>409</b>	<b>3,265</b>	<b>3,447</b>	<b>5,190</b>	<b>0</b>	<b>0</b>

#### DESCRIPTION

Enrollment projections at Julius West Middle School reflect a need for an addition. Julius West Middle School has a program capacity for 986 students. Enrollment is expected to reach 1,313 students by the 2016-2017 school year. A feasibility study was conducted in FY 2011 to determine the cost and scope of the project.

An FY 2014 appropriation will be requested to begin planning this addition. An FY 2015 appropriation will be requested for construction funds. This project is scheduled to be completed by August 2016.

#### CAPACITY

Program Capacity After Addition: 1,444

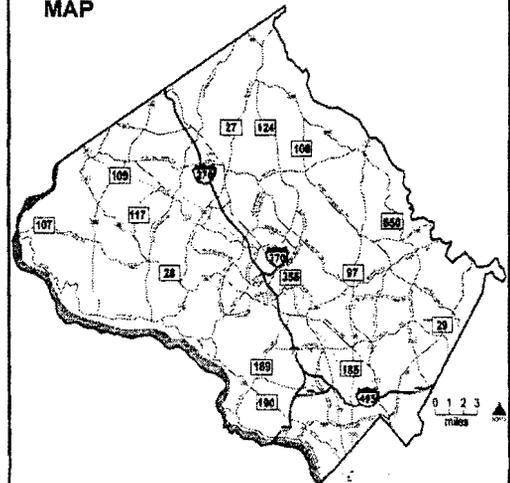
#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY	(\$000)
First Cost Estimate	FY	0
Current Scope		0
Last FY's Cost Estimate		0
Appropriation Request	FY13	0
Appropriation Request Est.	FY14	817
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditures / Encumbrances		0
Unencumbered Balance		0
Partial Closeout Thru	FY10	0
New Partial Closeout	FY11	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



# 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 21, 2011  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	994	497	298	199	199	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,394	0	1,115	279	279	0	0	0	0	0	0
Construction	8,832	0	267	8,565	4,149	4,416	0	0	0	0	0
Other	585	0	0	585	117	468	0	0	0	0	0
<b>Total</b>	<b>11,805</b>	<b>497</b>	<b>1,680</b>	<b>9,628</b>	<b>4,744</b>	<b>4,884</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	11,805	497	1,680	9,628	4,744	4,884	0	0	0	0	0
<b>Total</b>	<b>11,805</b>	<b>497</b>	<b>1,680</b>	<b>9,628</b>	<b>4,744</b>	<b>4,884</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### OPERATING BUDGET IMPACT (\$000)

Energy				159	0	53	53	53	0	0
Maintenance				303	0	101	101	101	0	0
<b>Net Impact</b>				<b>462</b>	<b>0</b>	<b>154</b>	<b>154</b>	<b>154</b>	<b>0</b>	<b>0</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 was approved to begin planning this addition project. An FY 2012 appropriation was approved for construction funds. An FY 2013 appropriation is requested to complete this project. This project is scheduled to be completed August 2013.

#### CAPACITY

Program Capacity after Addition: 637

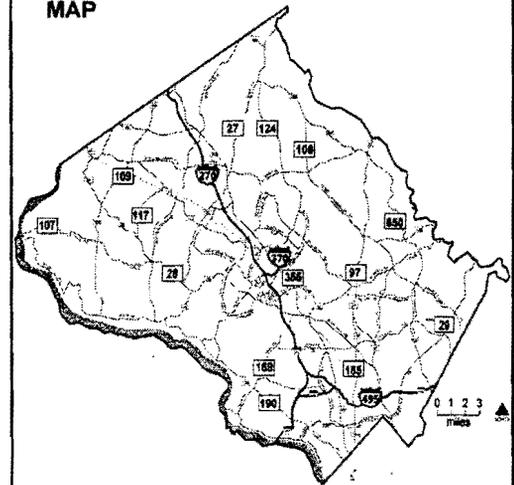
#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY11	(\$000)
First Cost Estimate	FY	0
Current Scope		
Last FY's Cost Estimate		11,805
Appropriation Request	FY13	586
Appropriation Request Est.	FY14	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		11,219
Expenditures / Encumbrances		935
Unencumbered Balance		10,284
Partial Closeout Thru	FY10	0
New Partial Closeout	FY11	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



## Wood Acres ES Addition -- No. 136508

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 21, 2011  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	464	0	0	464	0	232	139	93	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,130	0	0	1,130	0	0	904	226	0	0	0
Construction	5,039	0	0	5,039	0	0	1,008	1,511	2,520	0	0
Other	220	0	0	220	0	0	0	44	176	0	0
<b>Total</b>	<b>6,853</b>	<b>0</b>	<b>0</b>	<b>6,853</b>	<b>0</b>	<b>232</b>	<b>2,051</b>	<b>1,874</b>	<b>2,696</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	6,853	0	0	6,853	0	232	2,051	1,874	2,696	0	0
<b>Total</b>	<b>6,853</b>	<b>0</b>	<b>0</b>	<b>6,853</b>	<b>0</b>	<b>232</b>	<b>2,051</b>	<b>1,874</b>	<b>2,696</b>	<b>0</b>	<b>0</b>

#### DESCRIPTION

Enrollment projections at Wood Acres Elementary School reflect a need for an addition. Wood Acres Elementary School has a program capacity for 551 students. Enrollment is expected to reach 696 students by the 2016-2017 school year. A feasibility study was conducted in FY 2011 to determine the cost and scope of the project.

An FY 2014 appropriation will be requested to begin planning this addition. An FY 2015 appropriation will be requested for construction funds. This project is scheduled to be completed by August 2016.

#### CAPACITY

Program Capacity After Addition: 735

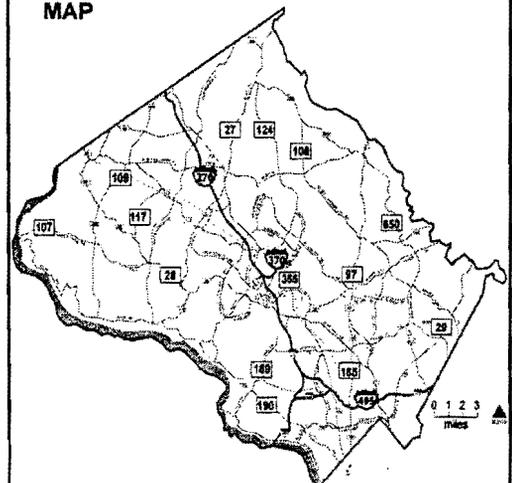
#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY	(\$000)
First Cost Estimate	FY	0
Current Scope		
Last FY's Cost Estimate		0
Appropriation Request	FY13	0
Appropriation Request Est.	FY14	484
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditures / Encumbrances		0
Unencumbered Balance		0
Partial Closeout Thru	FY10	0
New Partial Closeout	FY11	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



## Wyngate ES Addition -- No. 116513

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 21, 2011  
No  
None  
Planning Stage

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	878	439	263	176	176	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,576	0	1,212	364	364	0	0	0	0	0	0
Construction	7,256	0	0	7,256	3,628	3,628	0	0	0	0	0
Other	520	0	0	520	104	416	0	0	0	0	0
<b>Total</b>	<b>10,230</b>	<b>439</b>	<b>1,475</b>	<b>8,316</b>	<b>4,272</b>	<b>4,044</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	10,230	439	1,475	8,316	4,272	4,044	0	0	0	0	0
<b>Total</b>	<b>10,230</b>	<b>439</b>	<b>1,475</b>	<b>8,316</b>	<b>4,272</b>	<b>4,044</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### OPERATING BUDGET IMPACT (\$000)

Energy				207	0	69	69	0	0	0	0
Maintenance				396	0	132	132	132	0	0	0
<b>Net Impact</b>				<b>603</b>	<b>0</b>	<b>201</b>	<b>201</b>	<b>201</b>	<b>0</b>	<b>0</b>	<b>0</b>

#### DESCRIPTION

Enrollment projections at Wyngate Elementary School reflect a need for a 16-classroom addition. Wyngate Elementary School has a program capacity for 412 students. Enrollment is expected to reach 683 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 was approved to begin planning this addition. An FY 2012 appropriation was approved for construction funds. An FY 2013 appropriation is requested to complete this project. This project is scheduled to be completed by August 2013.

#### CAPACITY

Program Capacity after Addition: 711

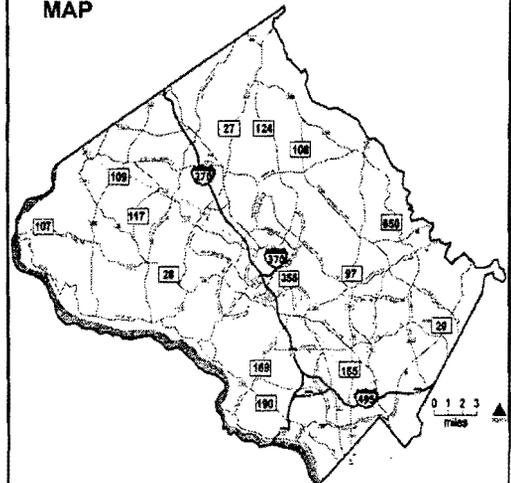
#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY11	(\$000)
First Cost Estimate	FY	0
Current Scope		
Last FY's Cost Estimate		10,230
Appropriation Request	FY13	520
Appropriation Request Est.	FY14	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		9,710
Expenditures / Encumbrances		615
Unencumbered Balance		9,095
Partial Closeout Thru	FY10	0
New Partial Closeout	FY11	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



# 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

November 21, 2011  
No  
None  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	4,120	604	329	3,187	911	960	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	14,273	5,554	871	7,848	2,124	2,240	871	871	871	871	0
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>18,393</b>	<b>6,158</b>	<b>1,200</b>	<b>11,035</b>	<b>3,035</b>	<b>3,200</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	18,393	6,158	1,200	11,035	3,035	3,200	1,200	1,200	1,200	1,200	0
<b>Total</b>	<b>18,393</b>	<b>6,158</b>	<b>1,200</b>	<b>11,035</b>	<b>3,035</b>	<b>3,200</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 was approved to continue to address requests for accessibility modifications, as well as provide proactive modifications to MCPS facilities. An FY 2012 appropriation was approved to continue this level of effort project.

On September 15, 2010, the Department of Justice approved revisions to Title II of the Americans with Disabilities Act (ADA), that will require local and state government agencies to comply with these revisions. The act requires the local and state agencies to conduct self-evaluations and make the necessary remediations to comply with the ADA revisions. An FY 2013 appropriation is requested to begin the assessment of MCPS facilities to comply with the approved revision to Title II of the ADA. Once assessments are complete, remaining expenditures in FY 2013 and expenditures in FY 2014 will be used to begin remediation. Funding in FY 2013 and beyond will also be used to continue this level of effort 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.

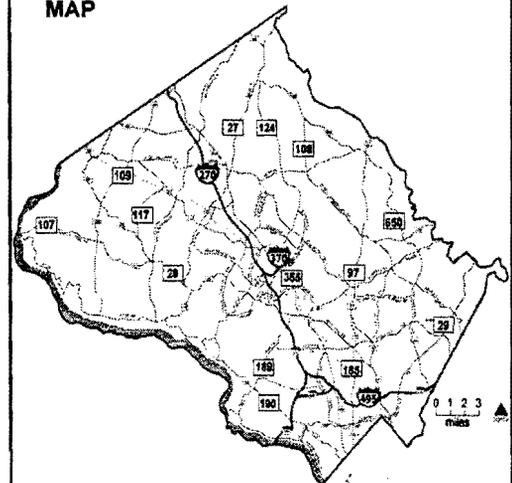
#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY79	(\$000)
First Cost Estimate		
Current Scope	FY96	16,615
Last FY's Cost Estimate		12,158
Appropriation Request	FY13	3,035
Appropriation Request Est.	FY14	3,200
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		7,358
Expenditures / Encumbrances		6,435
Unencumbered Balance		923
Partial Closeout Thru	FY10	17,216
New Partial Closeout	FY11	0
Total Partial Closeout		17,216

#### COORDINATION

Advisory Committee for the Handicapped

#### MAP



## 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

November 21, 2011  
No  
None  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	9,380	3,738	806	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	3,850	1,477	339	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>13,230</b>	<b>5,215</b>	<b>1,145</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	13,230	5,215	1,145	6,870	1,145	1,145	1,145	1,145	1,145	1,145	0
<b>Total</b>	<b>13,230</b>	<b>5,215</b>	<b>1,145</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 was approved to continue funding asbestos abatement projects systemwide. An FY 2012 appropriation was approved to continue this level of effort project. An FY 2013 appropriation is requested to continue asbestos abatement projects as required by AHERA.

#### FISCAL NOTE

State Reimbursement: Not eligible

- \* Expenditures will continue indefinitely.

#### APPROPRIATION AND EXPENDITURE DATA

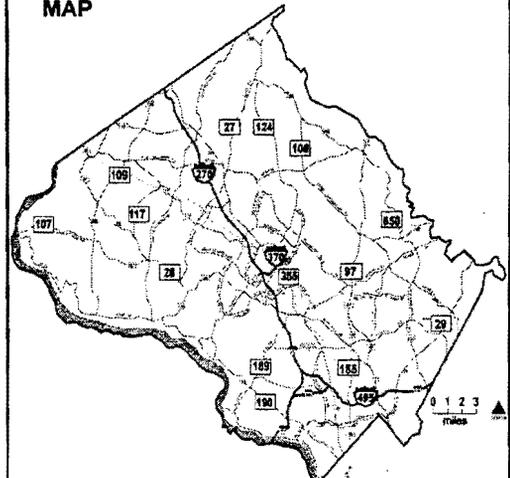
Date First Appropriation	FY81	(\$000)
First Cost Estimate	FY96	147,218
Current Scope		
Last FY's Cost Estimate		10,940
Appropriation Request	FY13	1,145
Appropriation Request Est.	FY14	1,145
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		6,360
Expenditures / Encumbrances		5,796
Unencumbered Balance		564
Partial Closeout Thru	FY10	25,289
New Partial Closeout	FY11	0
Total Partial Closeout		25,289

#### COORDINATION

Maryland Department of the Environment  
Department of Environmental Protection  
State Department of Education  
Department of Health

\$(000)	FY 11	FY 12-16
Salaries and Wages:	817	4085
Fringe Benefits:	291	1455
Workyears:	10	50

#### MAP



# 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 21, 2011  
No  
None  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	3,132	1,552	200	1,380	690	690	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	16,502	11,682	1,800	3,020	1,510	1,510	0	0	0	0	0
Other	350	150	0	200	100	100	0	0	0	0	0
<b>Total</b>	<b>19,984</b>	<b>13,384</b>	<b>2,000</b>	<b>4,600</b>	<b>2,300</b>	<b>2,300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	19,984	13,384	2,000	4,600	2,300	2,300	0	0	0	0	0
<b>Total</b>	<b>19,984</b>	<b>13,384</b>	<b>2,000</b>	<b>4,600</b>	<b>2,300</b>	<b>2,300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**DESCRIPTION**

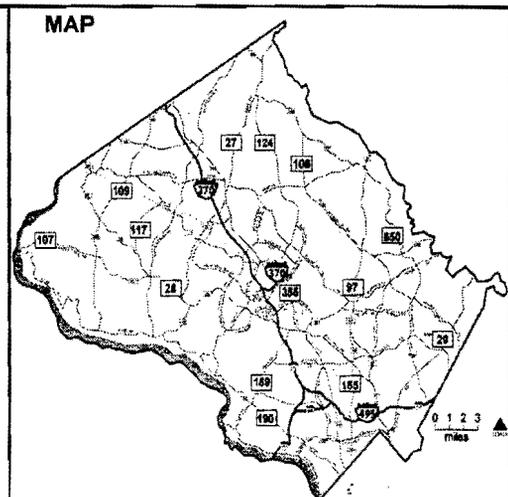
This project will provide facility modifications to support program offerings at schools that are not scheduled for capital improvements in the six-year CIP. These limited modifications to instruction and support spaces are needed to provide adequate space for new or expanded programs and administrative 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 was approved to continue to provide facility modifications at various schools throughout the system. Facility modifications in FY 2013 and beyond will be determined based on the need for space modifications/upgrades to support new or modified program offerings. Due to fiscal constraints, expenditures requested in the Board of Education's FY 2011-2016 CIP for FYs 2013-2016 were removed by the County Council in the adopted FY 2011-2016 CIP. An FY 2013 appropriation is requested to renovate science laboratories at one high school and provide special education facility modifications for two elementary schools and two high schools.

APPROPRIATION AND EXPENDITURE DATA		
Date First Appropriation	FY07	(\$000)
First Cost Estimate	FY07	0
Current Scope		
Last FY's Cost Estimate		15,384
Appropriation Request	FY13	2,300
Appropriation Request Est.	FY14	2,300
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		15,384
Expenditures / Encumbrances		13,516
Unencumbered Balance		1,868
Partial Closeout Thru	FY10	2,474
New Partial Closeout	FY11	0
Total Partial Closeout		2,474

**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



# 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

November 22, 2011  
No  
None  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	3,740	1,465	325	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	21,191	9,382	1,687	10,122	1,687	1,687	1,687	1,687	1,687	1,687	0
Other	705	390	45	270	45	45	45	45	45	45	0
<b>Total</b>	<b>25,636</b>	<b>11,237</b>	<b>2,057</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	24,012	9,613	2,057	12,342	2,057	2,057	2,057	2,057	2,057	2,057	0
Federal Stimulus	1,624	1,624	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>25,636</b>	<b>11,237</b>	<b>2,057</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				-2,616	-1,122	-498	-498	-498	0	0
Maintenance				-2,436	-1,044	-464	-464	-464	0	0
<b>Net Impact</b>				<b>-5,052</b>	<b>-2,166</b>	<b>-962</b>	<b>-962</b>	<b>-962</b>	<b>0</b>	<b>0</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.

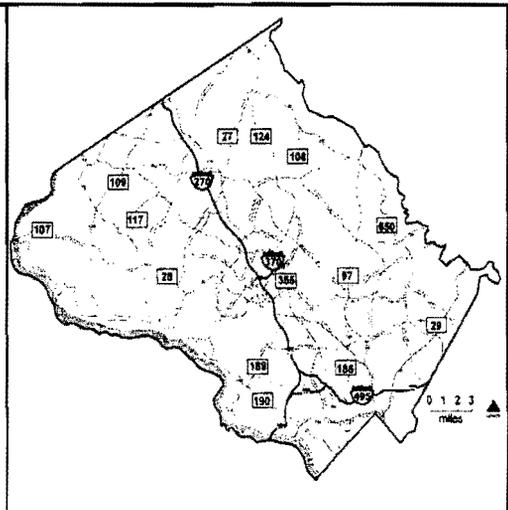
An FY 2005 appropriation was approved to continue this project. The increase in expenditures, beyond the level of effort for this project for FY 2005 and beyond, is due to the need to modernize energy management systems facing obsolescence. Of the over 170 installed energy management systems, many were 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 was approved 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. An FY 2011 supplemental appropriation in the amount of \$1.624 million was approved to utilize federal grant dollars for energy efficiency and renewable energy related capital projects. An FY 2012 appropriation was approved to continue this project. An FY 2013 appropriation is requested to continue the control systems integration, energy management system upgrades, and the countywide lighting modernization schedule.

- \* Expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA		
Date First Appropriation	FY79	(\$000)
First Cost Estimate		
Current Scope	FY96	8,061
Last FY's Cost Estimate		21,522
Appropriation Request	FY13	2,057
Appropriation Request Est.	FY14	2,057
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		13,294
Expenditures / Encumbrances		7,570
Unencumbered Balance		5,724
Partial Closeout Thru	FY10	19,208
New Partial Closeout	FY11	0
Total Partial Closeout		19,208

COORDINATION		
Montgomery College County Government Comprehensive Facilities Plan Interagency Committee - Energy and Utilities Management MCPS Resource Conservation Plan County Code 8-14a		
\$(000)	FY13	FY14-18
Salaries and Wages:	93	465
Fringe Benefits:	33	165
Workyears:	1.5	7.5



## 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

November 28, 2011  
No  
None  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	2,290	990	140	1,160	300	300	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	9,193	3,402	677	5,114	1,203	1,203	677	677	677	677	0
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>11,483</b>	<b>4,392</b>	<b>817</b>	<b>6,274</b>	<b>1,503</b>	<b>1,503</b>	<b>817</b>	<b>817</b>	<b>817</b>	<b>817</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	11,483	4,392	817	6,274	1,503	1,503	817	817	817	817	0
<b>Total</b>	<b>11,483</b>	<b>4,392</b>	<b>817</b>	<b>6,274</b>	<b>1,503</b>	<b>1,503</b>	<b>817</b>	<b>817</b>	<b>817</b>	<b>817</b>	<b>0</b>

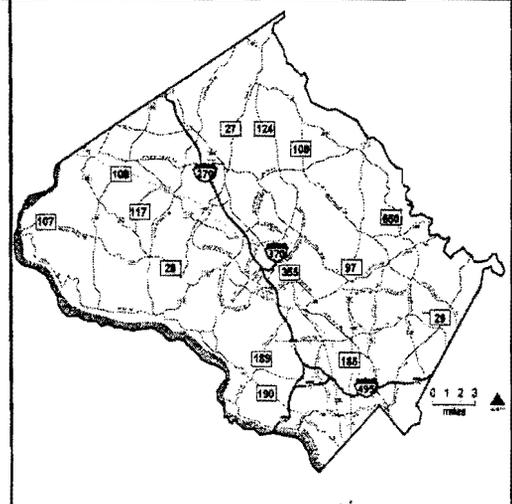
**DESCRIPTION**

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 was approved to continue this program to maintain code compliance and life-cycle equipment replacement. An FY 2012 appropriation was approved to continue this level of effort project. An FY 2013 appropriation is requested to maintain life safety code compliance and equipment life-cycle replacements at MCPS facilities systemwide.

APPROPRIATION AND EXPENDITURE DATA		
Date First Appropriation	FY01	(\$000)
First Cost Estimate		
Current Scope	FY00	0
Last FY's Cost Estimate		8,477
Appropriation Request	FY13	1,503
Appropriation Request Est.	FY14	1,503
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		5,209
Expenditures / Encumbrances		5,005
Unencumbered Balance		204
Partial Closeout Thru	FY10	7,451
New Partial Closeout	FY11	0
Total Partial Closeout		7,451

**COORDINATION**  
Fire Marshal



# HVAC (Mechanical Systems) Replacement: MCPS -- 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 22, 2011  
No  
None  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	17,500	0	1,500	16,000	4,400	3,600	2,000	2,000	2,000	2,000	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	103,915	26,415	13,500	64,000	17,600	14,400	8,000	8,000	8,000	8,000	0
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>121,415</b>	<b>26,415</b>	<b>15,000</b>	<b>80,000</b>	<b>22,000</b>	<b>18,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>*</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	Total	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years	
G.O. Bonds	114,022	25,682	8,340	80,000	22,000	18,000	10,000	10,000	10,000	10,000	0
State Aid	7,393	733	6,660	0	0	0	0	0	0	0	0
<b>Total</b>	<b>121,415</b>	<b>26,415</b>	<b>15,000</b>	<b>80,000</b>	<b>22,000</b>	<b>18,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</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 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 was requested for mechanical systems upgrades and/or replacements at the following schools: Belmont, Cedar Grove, Clopper Mill, Duffel, 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. However, due to fiscal constraints, the County Council's adopted FY 2011-2016 CIP reduced the expenditures, as requested in the Board of Education's FY 2011-2016 CIP in FYs 2012-2016 by approximately \$45 million. The title of this PDF has been changed to more accurately reflect the work accomplished through this project. An FY 2012 appropriation and amendment to the FY 2011-2016 CIP was approved to provide an additional \$6.52 million above the adopted CIP to reinstate funds that were removed by the County Council during reconciliation in May 2010. An FY 2013 appropriation is requested for mechanical systems upgrades and/or replacements at Damascus and Col. Zadok Magruder high schools, Neelesville Middle School, and Takoma Park, Waters Landing, Cold Spring, Rosemary Hills, Rachel Carson, Washington Grove, Bannockburn, Westbrook, East Silver Spring, and Piney Branch elementary schools.

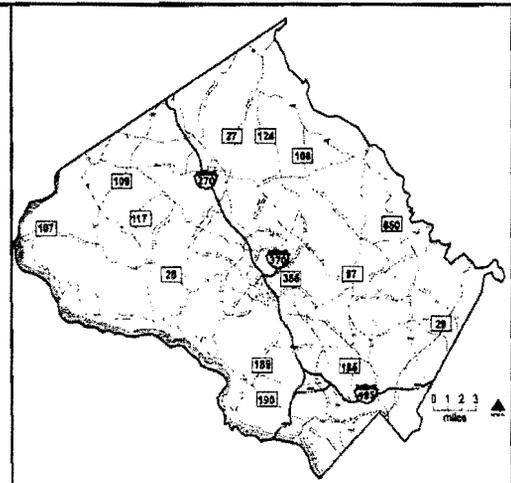
#### OTHER DISCLOSURES

- 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		
Date First Appropriation	FY81	(\$000)
First Cost Estimate		
Current Scope	FY96	16,388
Last FY's Cost Estimate		72,707
Appropriation Request	FY13	22,000
Appropriation Request Est.	FY14	18,000
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		41,415
Expenditures / Encumbrances		39,145
Unencumbered Balance		2,270
Partial Closeout Thru	FY10	56,031
New Partial Closeout	FY11	5,132
Total Partial Closeout		61,163

#### COORDINATION

CIP Master Plan for School Facilities



## 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

November 21, 2011  
No  
None  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	966	191	350	425	225	200	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	7,462	4,337	850	2,275	1,275	1,000	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>8,428</b>	<b>4,528</b>	<b>1,200</b>	<b>2,700</b>	<b>1,500</b>	<b>1,200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>*</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	8,428	4,528	1,200	2,700	1,500	1,200	0	0	0	0	0
<b>Total</b>	<b>8,428</b>	<b>4,528</b>	<b>1,200</b>	<b>2,700</b>	<b>1,500</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 was approved 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. An FY 2012 appropriation was approved to continue this project. An FY 2013 appropriation is requested to address access, circulation, and vehicular and pedestrian traffic issues at two high schools, one middle school, and one elementary school.

#### FISCAL NOTE

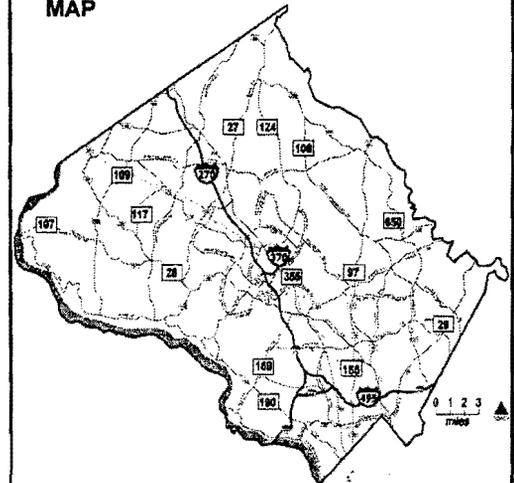
State Reimbursement: not eligible

- \* Expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA		
Date First Appropriation	FY97	(\$000)
First Cost Estimate		
Current Scope	FY97	1,185
Last FY's Cost Estimate		6,237
Appropriation Request	FY13	1,500
Appropriation Request Est.	FY14	1,200
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		5,728
Expenditures / Encumbrances		4,635
Unencumbered Balance		1,093
Partial Closeout Thru	FY10	11,647
New Partial Closeout	FY11	509
Total Partial Closeout		12,156

#### COORDINATION STEP Committee

#### MAP



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# Indoor Air Quality Improvements: MCPS -- No. 006503

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Countywide  
MCPS  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

November 22, 2011  
No  
None  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	9,186	2,592	942	5,652	942	942	942	942	942	942	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	14,301	10,070	1,111	3,120	520	520	520	520	520	520	0
Other	280	35	35	210	35	35	35	35	35	35	0
<b>Total</b>	<b>23,767</b>	<b>12,697</b>	<b>2,088</b>	<b>8,982</b>	<b>1,497</b>	<b>1,497</b>	<b>1,497</b>	<b>1,497</b>	<b>1,497</b>	<b>1,497</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	23,767	12,697	2,088	8,982	1,497	1,497	1,497	1,497	1,497	1,497	0
<b>Total</b>	<b>23,767</b>	<b>12,697</b>	<b>2,088</b>	<b>8,982</b>	<b>1,497</b>	<b>1,497</b>	<b>1,497</b>	<b>1,497</b>	<b>1,497</b>	<b>1,497</b>	<b>0</b>

#### DESCRIPTION

This project funds mechanical retrofits and building envelope modifications necessary to address schools experiencing Indoor Air Quality (IAQ) problems. An FY 2000 Amendment funded improvements to schools needing major mechanical corrections and schools that required carpet removal, floor tile replacement, and minor mechanical retrofits. A feasibility study/assessment also was funded to determine the extent of IAQ problems in 50 schools based on reported IAQ incidents. MCPS reports periodically to the Education Committee on the status of this project.

An FY 2005 appropriation was approved to upgrade/replace HVAC systems at Fields Road Elementary School, William Farquhar and Benjamin Banneker middle schools, and Gaithersburg and Seneca Valley high schools. The FY 2005 appropriation also funded minor projects such as carpet removal, mechanical retrofits, and ventilation at various schools throughout the system. In the FY 2005-2010 CIP, the County Council approved a level of effort funding for the outyears of this project in order to adequately illustrate that this project will continue for the foreseeable future. An FY 2005 Special Appropriation in the amount of \$1.6 million was approved by the County Council for lead abatement to enable MCPS to develop specific remediation and work plans for schools that have complete test results and lead source assessment. Funds approved in FYs 2006-2010 were used to address indoor air quality issues systemwide.

An FY 2011 appropriation was approved to continue to address indoor air quality issues through various remediation efforts including carpet removal, floor tile replacement, and minor mechanical retrofits. Due to fiscal constraints, the County Council's adopted FY 2011-2016 CIP reduced the expenditures, as requested in the Board of Education's FY 2011-2016 CIP for FYs 2012-2016 by approximately \$2.8 million. The title of this PDF was changed to more accurately reflect the work accomplished in this project. An FY 2012 appropriation and amendment to the FY 2011-2016 CIP was approved to provide an additional \$394,000 above the adopted CIP to reinstate funds that were removed by the County Council during reconciliation in May 2010. An FY 2013 appropriation is requested to continue to address indoor air quality issues through remediation efforts such as carpet removal, floor and ceiling tile replacement, and minor mechanical retrofits.

Note: This project will continue indefinitely

#### FISCAL NOTE

State reimbursement: not eligible

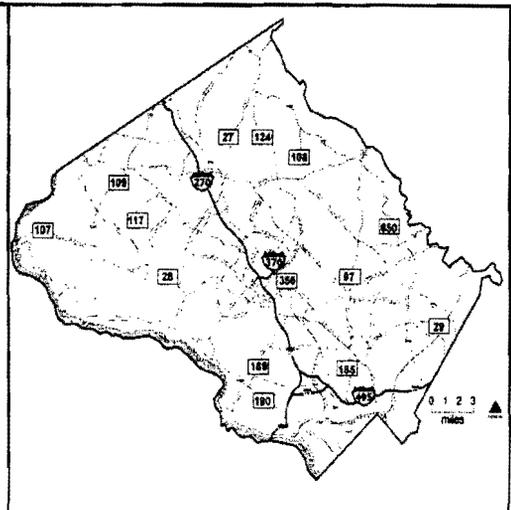
#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY99	(\$000)
First Cost Estimate		
Current Scope	FY02	3,800
Last FY's Cost Estimate		20,773
Appropriation Request	FY13	1,497
Appropriation Request Est.	FY14	1,497
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		14,785
Expenditures / Encumbrances		11,651
Unencumbered Balance		3,234
Partial Closeout Thru	FY10	8,091
New Partial Closeout	FY11	0
Total Partial Closeout		8,091

#### COORDINATION

Department of Environmental Protection  
Department of Health and Human Services  
American Lung Association

	FY 13	FY 14-18
Salaries and Wages	280	1,400
Fringe Benefits	94	470
Workyears:	4	20



## Land Acquisition: MCPS -- No. 546034

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Countywide  
MCPS  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

November 21, 2011  
No  
None  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	0	0	0	0	0	0	0	0	0	0	0
Land	8,005	3,805	0	4,200	4,200	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>8,005</b>	<b>3,805</b>	<b>0</b>	<b>4,200</b>	<b>4,200</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	7,357	3,157	0	4,200	4,200	0	0	0	0	0	0
Revolving Fund - G.O. Bonds	648	648	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>8,005</b>	<b>3,805</b>	<b>0</b>	<b>4,200</b>	<b>4,200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

#### DESCRIPTION

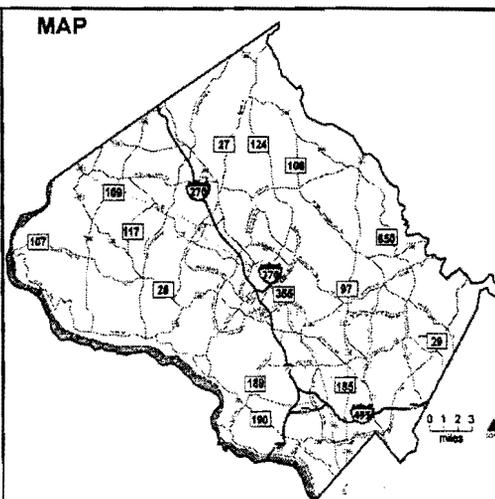
The Advanced Land Acquisition Revolving Fund (ALARF) is a revolving fund used to purchase sites for schools approved in the capital program or appearing in adopted area master plans. Funding is maintained by reimbursement from new school projects as they receive appropriations for construction and site acquisition. MCPS secures school sites through dedication at the time land is subdivided and purchases sites when dedication is infeasible. Prior to site selection, MCPS convenes a Site Selection Advisory Committee (SSAC) with staff from MCPS, M-NCPPC, OMB, DOT, County Council, and others, including school community. Funds also are needed for various site-related expenses, such as geotechnical studies, topographical surveys, legal fees, easements, and a site administration assistant. Funds also are used for minor site expansions when opportunities present themselves to upgrade substandard existing school sites. When land purchased with this fund becomes part of a specific school construction project, the land purchase cost and related administrative expenses are transferred to that specific project.

An FY 2001 supplemental appropriation of \$7.0 million was approved for land acquisition related to the new Quince Orchard Middle School #2 and Rocky Hill Middle School replacement facility. Anticipated expenditures in FY 2002 were for land acquisition, miscellaneous legal/title/general expenses, and engineering fees. An FY 2003 appropriation was approved to reimburse the ALARF account for engineering fees, as well as miscellaneous legal/title/general expenses. An FY 2004 appropriation was approved to reimburse the ALARF account as approved in the FY 2003-2008 CIP. The Board of Education, in the FY 2005-2010 CIP, requested an FY 2005 appropriation for land acquisition related to a reservation request for an elementary school site in the Shady Grove sector plan, and for land acquisition related to other school construction projects. The County Council did not support funding since the sector plan was not complete. The County Council did approve funding for the land acquisition related to other school construction projects. An amendment to the FY 2005-2010 CIP was requested by the Board of Education to purchase land for elementary school sites in the Shady Grove sector plan and the Kennedy Cluster. The county executive did not recommend funding for the land purchase in the Shady Grove sector plan. The county executive in FY 2006 recommended that the Board of Education request an FY 2005 Special Appropriation for the land purchase in the Kennedy Cluster. On April 12, 2005, the Board of Education approved an FY 2005 Special Appropriation in the amount of \$1.5 million for the land purchase for an elementary school site in the Kennedy Cluster, in lieu of its FY 2006 request. The County Council approved the FY 2005 Special Appropriation for a school site in the Kennedy Cluster, but did not approve the land purchase in the Shady Grove sector plan.

During the Amended FY 2005-2010 CIP, the county executive recommended that the title of this project be changed to "Land Acquisition: MCPS" to accurately reflect the activity in this project. In recent years, most land acquisitions have been handled through a supplemental appropriation, and therefore, funds would be allocated to this project, with no reimbursement. The lack of reimbursement in turn results in a non-revolving fund project. As part of the Board of Education's Requested FY 2007-2012 CIP, the one staff person, as well as expenditures for legal fees and other non-reimbursable costs were transferred to the Design and Construction Management project. The Board of Education requested and the County Council approved that the name and scope of this project be changed to accurately reflect its current activity. An FY 2007 appropriation was approved to purchase land adjacent to Paint Branch High School in order to expand the school site during its modernization. An FY 2013 appropriation is requested to purchase land for a new elementary schools in the Northwest Cluster, to purchase land adjacent to a new elementary school and new middle school to expand the current sites during the construction of these new facilities.

APPROPRIATION AND EXPENDITURE DATA		
Date First Appropriation	FY54	(\$000)
First Cost Estimate	FY96	8,500
Current Scope		
Last FY's Cost Estimate		3,805
Appropriation Request	FY13	4,200
Appropriation Request Est.	FY14	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		3,157
Expenditures / Encumbrances		1,044
Unencumbered Balance		2,113
Partial Closeout Thru	FY10	24,781
New Partial Closeout	FY11	0
Total Partial Closeout		24,781

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



# 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 23, 2011  
No  
None  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	10,008	618	990	8,400	1,400	1,400	1,400	1,400	1,400	1,400	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	12,395	4,297	2,098	6,000	1,000	1,000	1,000	1,000	1,000	1,000	0
Construction	60,841	26,093	5,774	28,974	4,829	4,829	4,829	4,829	4,829	4,829	0
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>83,244</b>	<b>31,008</b>	<b>8,862</b>	<b>43,374</b>	<b>7,229</b>	<b>7,229</b>	<b>7,229</b>	<b>7,229</b>	<b>7,229</b>	<b>7,229</b>	<b>*</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	75,194	25,657	6,163	43,374	7,229	7,229	7,229	7,229	7,229	7,229	0
Qualified Zone Academy Funds	5,995	4,145	1,850	0	0	0	0	0	0	0	0
Aging Schools Program	2,055	1,206	849	0	0	0	0	0	0	0	0
<b>Total</b>	<b>83,244</b>	<b>31,008</b>	<b>8,862</b>	<b>43,374</b>	<b>7,229</b>	<b>7,229</b>	<b>7,229</b>	<b>7,229</b>	<b>7,229</b>	<b>7,229</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 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 state funding 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 state funding, through the 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.

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 through the state's ASP program. An FY 2010 special appropriation in the amount of \$151,000 was approved as a result of state funding through the QZAB program.

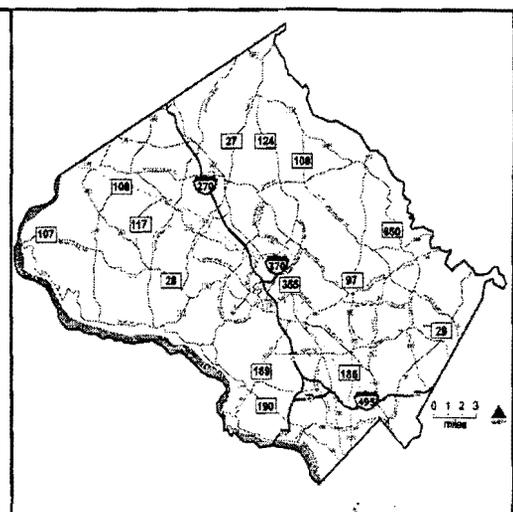
An FY 2011 appropriation was approved to continue this project and fund one additional position to manage the playground renovation project, as well as to centralize the asphalt and concrete project development and management duties. Due to fiscal constraints, the County Council's adopted FY 2011-2016 CIP reduced the expenditures in FYs 2012-2016 by approximately \$6.6 million. Two FY 2011 supplemental appropriations were approved -- one for \$603,000 through the state's ASP program and the other for \$480,000 through the state's QZAB program. An FY 2012 appropriation and amendment to the FY 2011-2016 CIP was approved to provide an additional \$948,000 above the adopted CIP to reinstate funds that were removed by the County Council during reconciliation in May 2010. An FY 2012 supplemental appropriation was approved for \$1.85 million through the state's QZAB program. An FY 2012 supplemental appropriation was approved for \$849,000 through the state's ASP program. An FY 2013 appropriation is requested to fund capital projects that will address MCPS infrastructure. Projects include: 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. See Appendix F of the Superintendent's Recommended FY 2013-2018 CIP for a full list of PLAR projects.

#### 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	
Date First Appropriation	FY89 (\$000)
First Cost Estimate	
Current Scope	FY96 24,802
Last FY's Cost Estimate	56,657
Appropriation Request	FY13 7,229
Appropriation Request Est.	FY14 7,229
Supplemental Appropriation Request	0
Transfer	0
Cumulative Appropriation	39,870
Expenditures / Encumbrances	37,982
Unencumbered Balance	1,888
Partial Closeout Thru	FY10 48,159
New Partial Closeout	FY11 522
Total Partial Closeout	48,681

COORDINATION		
CIP Master Plan for School Facilities		
Salaries and Wages	FY 13	FY 14-18
Fringe Benefits	361	1805
Workyears	161	805
	5	25



# Rehab/Reno.Of Closed Schools- RROCS -- No. 916587 -- Master Project

Category  
SubCategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Countywide  
MCPS  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

November 22, 2011  
No  
None  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	8,604	4,188	642	1,132	0	0	0	0	377	755	2,642
Land	1,749	0	0	1,749	175	349	700	525	0	0	0
Site Improvements and Utilities	18,712	7,548	2,112	4,802	0	1,216	1,215	1,621	0	750	4,250
Construction	133,973	42,919	9,312	36,992	9,312	2,541	8,812	11,352	0	4,975	44,750
Other	4,881	2,956	760	1,165	190	0	195	780	0	0	0
<b>Total</b>	<b>167,919</b>	<b>57,611</b>	<b>12,826</b>	<b>45,840</b>	<b>9,677</b>	<b>4,106</b>	<b>10,922</b>	<b>14,278</b>	<b>377</b>	<b>6,480</b>	<b>51,642</b>

### FUNDING SCHEDULE (\$000)

Current Revenue: General	2,765	2,765	0	0	0	0	0	0	0	0	0
G.O. Bonds	140,942	30,634	12,826	45,840	9,677	4,106	10,922	14,278	377	6,480	51,642
State Aid	16,139	16,139	0	0	0	0	0	0	0	0	0
PAYGO	375	375	0	0	0	0	0	0	0	0	0
Recordation Tax	7,000	7,000	0	0	0	0	0	0	0	0	0
Schools Impact Tax	698	698	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>167,919</b>	<b>57,611</b>	<b>12,826</b>	<b>45,840</b>	<b>9,677</b>	<b>4,106</b>	<b>10,922</b>	<b>14,278</b>	<b>377</b>	<b>6,480</b>	<b>51,642</b>

### OPERATING BUDGET IMPACT (\$000)

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

#### DESCRIPTION

MCPS retained some closed schools for use for office space, as holding schools, or for alternative programs. Occasionally a closed school is reopened as an operating school to address increasing enrollment. Some rehabilitation is necessary to restore spaces for contemporary instructional use.

An FY 2006 appropriation was approved for construction funds for Downcounty Consortium ES #28, and furniture and equipment funds for DCC ES #27. A Special Appropriation and amendment to the FY 2005-2010 CIP was approved in the amount of \$2.4 million for the DCC ES #27 to provide additional funding due to rising construction costs. The Board of Education's FY 2009-2014 CIP included a request for DCC ES #29 (McKenney Hills Reopening) to relieve the overutilization at Oakland Terrace and Woodlin elementary schools. An FY 2010 appropriation was approved for planning funds. An FY 2011 appropriation was approved for the construction funds for the reopening of McKenney Hills. An FY 2012 appropriation was approved for the balance of funding for the McKenney Hills Reopening project. This project is scheduled to be completed in August 2012.

Student enrollment at elementary schools in the Richard Montgomery Cluster has increased dramatically over the past four school years. The magnitude of enrollment growth in the cluster requires the opening of a new elementary school. A feasibility study was conducted during the 2010-2011 school year for a new elementary school at the site of the former Hungerford Park Elementary School. Based on the revised enrollment projections for Richard Montgomery Cluster elementary schools, the new elementary school will be sufficient to address the projected elementary enrollment in the cluster. An FY 2013 appropriation is requested for planning funds for this new school. The new school is scheduled to be completed August 2015. Expenditures shown in the outyears of this PDF are earmarked for the reopening of Broome Junior High School and the reuse of Woodward High School as holding facilities during secondary school modernizations. The balance of funding for both of these projects will be shown in a future CIP.

#### 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	COORDINATION	MAP												
<table border="1"> <tr> <td>Date First Appropriation</td> <td>FY</td> <td>(\$000)</td> </tr> <tr> <td>First Cost Estimate</td> <td>FY</td> <td>15,152</td> </tr> <tr> <td>Current Scope</td> <td></td> <td></td> </tr> <tr> <td>Last FY's Cost Estimate</td> <td></td> <td>150,897</td> </tr> </table>	Date First Appropriation	FY	(\$000)	First Cost Estimate	FY	15,152	Current Scope			Last FY's Cost Estimate		150,897	Mandatory Referral - M-NCPPC Department of Environmental Protection Building Permits: Code Review Fire Marshal Department of Transportation Inspections Sediment Control Stormwater Management WSSC Permits	
Date First Appropriation	FY	(\$000)												
First Cost Estimate	FY	15,152												
Current Scope														
Last FY's Cost Estimate		150,897												
<table border="1"> <tr> <td>Appropriation Request</td> <td>FY13</td> <td>1,749</td> </tr> <tr> <td>Appropriation Request Est.</td> <td>FY14</td> <td>26,757</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	FY13	1,749	Appropriation Request Est.	FY14	26,757	Supplemental Appropriation Request		0	Transfer		0		
Appropriation Request	FY13	1,749												
Appropriation Request Est.	FY14	26,757												
Supplemental Appropriation Request		0												
Transfer		0												
<table border="1"> <tr> <td>Cumulative Appropriation</td> <td></td> <td>79,939</td> </tr> <tr> <td>Expenditures / Encumbrances</td> <td></td> <td>47,761</td> </tr> <tr> <td>Unencumbered Balance</td> <td></td> <td>32,178</td> </tr> </table>	Cumulative Appropriation		79,939	Expenditures / Encumbrances		47,761	Unencumbered Balance		32,178					
Cumulative Appropriation		79,939												
Expenditures / Encumbrances		47,761												
Unencumbered Balance		32,178												
<table border="1"> <tr> <td>Partial Closeout Thru</td> <td>FY10</td> <td>19,186</td> </tr> <tr> <td>New Partial Closeout</td> <td>FY11</td> <td>0</td> </tr> <tr> <td>Total Partial Closeout</td> <td></td> <td>19,186</td> </tr> </table>	Partial Closeout Thru	FY10	19,186	New Partial Closeout	FY11	0	Total Partial Closeout		19,186					
Partial Closeout Thru	FY10	19,186												
New Partial Closeout	FY11	0												
Total Partial Closeout		19,186												

## 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 21, 2011  
No  
None  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	1,210	560	100	550	100	100	100	100	100	50	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	11,875	6,175	900	4,800	900	900	900	900	900	300	0
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>13,085</b>	<b>6,735</b>	<b>1,000</b>	<b>5,350</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>350</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	13,085	6,735	1,000	5,350	1,000	1,000	1,000	1,000	1,000	350	0
<b>Total</b>	<b>13,085</b>	<b>6,735</b>	<b>1,000</b>	<b>5,350</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>350</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.

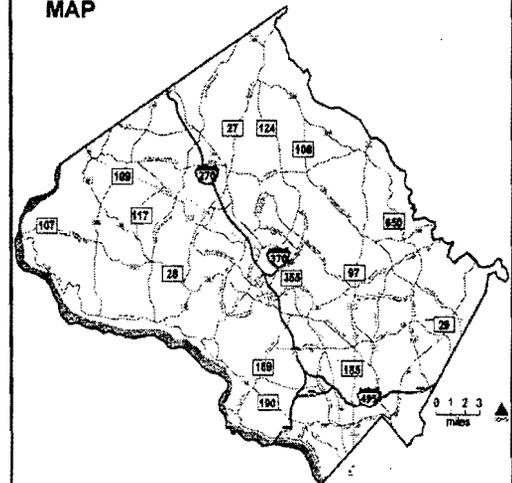
An FY 2006 appropriation was approved to begin planning restroom modifications for the first set of schools. An FY 2007 appropriation was approved for construction funds for the first set of schools identified for restroom modifications, as well as planning funds for the second set of schools scheduled 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 was approved 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. An FY 2012 appropriation was approved to continue this project. An FY 2013 appropriation is requested to continue the renovations of restroom facilities. BY FY 2018, based on the expenditures shown above, all 110 schools assessed will be completed. The list of approved restroom renovations is shown in Appendix G of the Superintendent's Recommended FY 2013-2018 CIP.

APPROPRIATION AND EXPENDITURE DATA		
Date First Appropriation	FY05	(\$000)
First Cost Estimate	FY05	0
Current Scope		
Last FY's Cost Estimate		11,735
Appropriation Request	FY13	1,000
Appropriation Request Est.	FY14	1,000
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		7,735
Expenditures / Encumbrances		5,867
Unencumbered Balance		2,068
Partial Closeout Thru	FY10	0
New Partial Closeout	FY11	0
Total Partial Closeout		0

#### COORDINATION

#### MAP



## 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 21, 2011  
No  
None  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	3,465	0	495	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	59,464	17,653	5,973	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>62,929</b>	<b>17,653</b>	<b>6,468</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	FY11	FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
G.O. Bonds	60,122	17,653	3,661	38,808	6,468	6,468	6,468	6,468	6,468	6,468	0
State Aid	2,807	0	2,807	0	0	0	0	0	0	0	0
<b>Total</b>	<b>62,929</b>	<b>17,653</b>	<b>6,468</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 was approved 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. An FY 2012 appropriation was approved and will provide funding for partial roof replacements at Broad Acres, Fairland, Oak View and Olney elementary schools, Sligo Middle School, and Damascus and Sherwood high schools. Also, the FY 2012 appropriation will provide funding for a full roof replacement at Rachel Carson Elementary School. An FY 2013 appropriation is requested for partial roof replacements at Pine Crest, Stedwick, Dr. Charles R. Drew, Summit Hall, and Whetstone elementary schools and full roof replacements at Damascus, Judith A. Resnick and Sequoyah elementary schools.

#### FISCAL NOTE

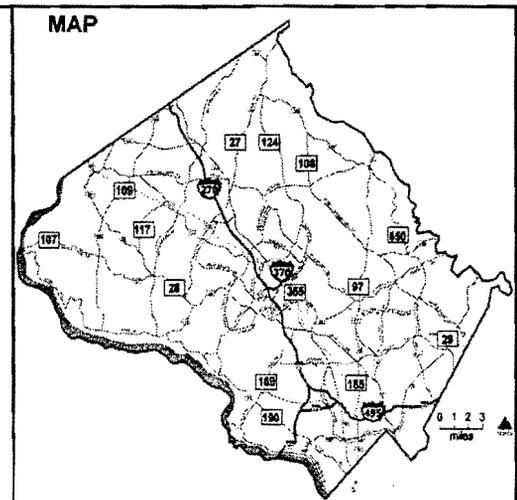
State Reimbursement: reimbursement of the state share of eligible costs will continue to be pursued.

#### 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		
Date First Appropriation	FY76	(\$000)
First Cost Estimate		
Current Scope	FY96	19,470
Last FY's Cost Estimate		55,792
Appropriation Request	FY13	6,468
Appropriation Request Est.	FY14	6,468
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		24,121
Expenditures / Encumbrances		17,653
Unencumbered Balance		6,468
Partial Closeout Thru	FY10	52,177
New Partial Closeout	FY11	5,799
Total Partial Closeout		57,976

COORDINATION		
CIP Master Plan for School Facilities		
	FY09	FY 10-14
Salaries and Wages	144	720
Fringe Benefits	53	265
Workyears	2	10



## 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

November 21, 2011  
No  
None  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	2,000	1,000	200	800	200	200	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	10,750	5,250	1,300	4,200	1,300	1,300	400	400	400	400	0
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>12,750</b>	<b>6,250</b>	<b>1,500</b>	<b>5,000</b>	<b>1,500</b>	<b>1,500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	12,750	6,250	1,500	5,000	1,500	1,500	500	500	500	500	0
<b>Total</b>	<b>12,750</b>	<b>6,250</b>	<b>1,500</b>	<b>5,000</b>	<b>1,500</b>	<b>1,500</b>	<b>500</b>	<b>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 was approved to continue the roll out of the new initiatives that began in FY 2009. An FY 2012 appropriation was approved to continue this project. An FY 2013 appropriation is requested to continue the roll out of the school security program initiative.

#### FISCAL NOTE

State Reimbursement: not eligible

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP
Date First Appropriation	FY92	
First Cost Estimate	FY96	
Current Scope		
Last FY's Cost Estimate	11,750	
Appropriation Request	FY13	
Appropriation Request Est.	FY14	
Supplemental Appropriation Request	0	
Transfer	0	
Cumulative Appropriation	7,750	
Expenditures / Encumbrances	7,229	
Unencumbered Balance	521	
Partial Closeout Thru	FY10	
New Partial Closeout	FY11	
Total Partial Closeout	5,212	

# Stormwater Discharge & Water Quality Mgmt: MCPS -- No. 956550

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Countywide  
MCPS  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

November 22, 2011  
No  
None  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	3,944	394	94	3,456	576	576	576	576	576	576	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	2,250	1,750	500	0	0	0	0	0	0	0	0
Construction	1,681	1,681	0	0	0	0	0	0	0	0	0
Other	260	10	10	240	40	40	40	40	40	40	0
<b>Total</b>	<b>8,135</b>	<b>3,835</b>	<b>604</b>	<b>3,696</b>	<b>616</b>	<b>616</b>	<b>616</b>	<b>616</b>	<b>616</b>	<b>616</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	8,135	3,835	604	3,696	616	616	616	616	616	616	0
<b>Total</b>	<b>8,135</b>	<b>3,835</b>	<b>604</b>	<b>3,696</b>	<b>616</b>	<b>616</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.

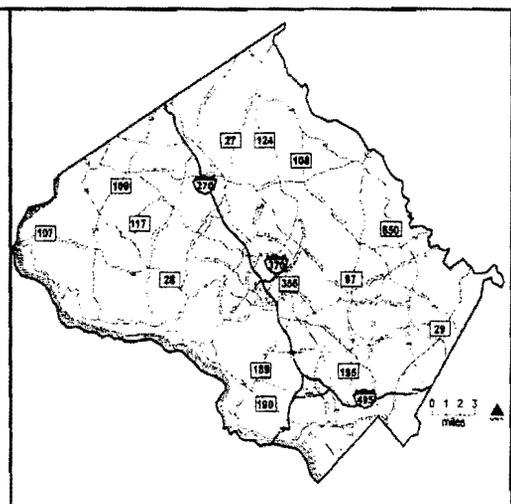
An FY 2009 special appropriation in the amount of \$1.5 million was approved by the County Council on January 27, 2009 to address emergency repair work at Burtonsville Elementary School and Watkins Mill High School. An FY 2010 transfer was approved to move \$431,000 from unliquidated surplus into this 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 was approved 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. An FY 2012 appropriation was approved to continue this project. An FY 2013 appropriation is requested to continue this level of effort project.

#### FISCAL NOTE

State Reimbursement: Not eligible

APPROPRIATION AND EXPENDITURE DATA			COORDINATION		
Date First Appropriation	FY07	(\$000)		FY 13	FY 14-18
First Cost Estimate			Salaries and Wages	68	340
Current Scope	FY07	0	Fringe Benefits	26	130
Last FY's Cost Estimate		6,903	Workyears	1	5
Appropriation Request	FY13	616			
Appropriation Request Est.	FY14	616			
Supplemental Appropriation Request		0			
Transfer		0			
Cumulative Appropriation		4,439			
Expenditures / Encumbrances		3,693			
Unencumbered Balance		746			
Partial Closeout Thru	FY10	2,356			
New Partial Closeout	FY11	0			
Total Partial Closeout		2,356			



## WSSC Compliance -- No. 126500

Category  
Subcategory  
Administering Agency  
Planning Area

Montgomery County Public Schools  
Countywide  
MCPS  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

November 21, 2011  
No  
None  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	615	0	50	565	565	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	5,785	0	725	5,060	5,060	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>6,400</b>	<b>0</b>	<b>775</b>	<b>5,625</b>	<b>5,625</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	6,400	0	775	5,625	5,625	0	0	0	0	0	0
<b>Total</b>	<b>6,400</b>	<b>0</b>	<b>775</b>	<b>5,625</b>	<b>5,625</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

#### DESCRIPTION

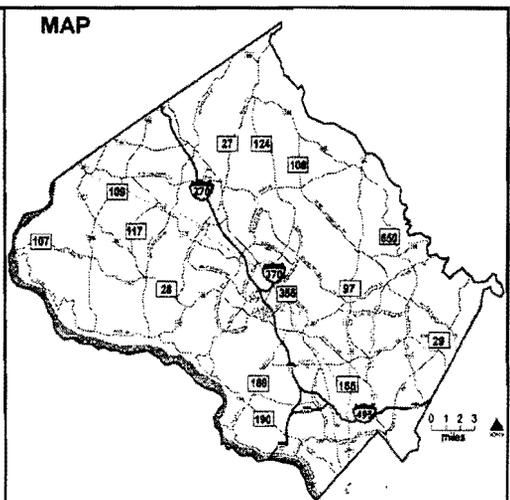
MCPS operates cafeterias in schools throughout the county to provide breakfast and lunch to thousands of students each day. Because of these food service functions, each MCPS school is considered a food establishment. Under a 2005 U.S. Department of Justice Consent Decree between WSSC, US EPA, and MDE to enforce the Clean Water Act, WSSC was required to develop a new fats, oils, and grease (FOG) program that requires all food establishments be inspected and comply with FOG regulations to receive FOG permits.

WSSC has modified its plumbing code and heighten inspections and enforcement of the FOG regulations as part of its responsibility under the Consent Decree. It has a dedicated unit to enforce the FOG regulations and will issue Notice of Violations for facilities that are lacking the plumbing system components required under the revised WSSC code.

WSSC is in its first year of inspections of MCPS facilities and, therefore, the list of schools that will need upgrades to the existing grease removal devices is not complete. An FY 2012 appropriation and amendment to the FY 2011-2016 CIP was approved to address WSSC FOG Notice of Violations including the installation of grease interceptors and associated plumbing devices. An FY 2013 appropriation is requested to begin the remediation process of MCPS facilities where existing grease removal devices must be upgraded to meet WSSC requirements.

APPROPRIATION AND EXPENDITURE DATA		
Date First Appropriation	FY12	(\$000)
First Cost Estimate	FY	0
Current Scope		
Last FY's Cost Estimate		775
Appropriation Request	FY13	5,625
Appropriation Request Est.	FY14	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		775
Expenditures / Encumbrances		0
Unencumbered Balance		775
Partial Closeout Thru	FY10	0
New Partial Closeout	FY11	0
Total Partial Closeout		0

**COORDINATION**  
WSSC Permits



# Appendix D

## Montgomery County Public Schools Relocatable Classrooms: 2011-2012 School Year

Cluster/ School	Relocatables on site for 2011-2012 to Address:			Cluster/ School	Relocatables on site for 2011-2012 to Address:			Cluster/ School	Relocatables on site for 2011-2012 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	2	1	3	Flower Hill	4		4	Total	0	0	0
Bethesda	5		5	Mill Creek Towne	3		3	<b>Walt Whitman</b>			
North Chevy Chase	5		5	Judith A. Resnik	2		2	Bannockburn	2		2
Rock Creek Forest	5	1	6	Total	9	0	9	Bradley Hills**	0		0
Rosemary Hills	5		5	<b>Richard Montgomery</b>				Burning Tree	3		3
Westbrook	5		5	Beall	8		8	Wood Acres	6		6
Total	27	2	29	College Gardens	3		3	Total	11	0	11
<b>Winston Churchill</b>				Ritchie Park	5		5	<b>Thomas S. Wootton</b>			
Beverly Farms**	2		2	Twinbrook	4		4	Thomas S. Wootton HS	9		9
Potomac	5		5	Total	20	0	20	Cold Spring	1		1
Total	7	0	7	<b>Northeast Consortium*</b>				DuFief	1	1	2
<b>Clarksburg</b>				James H. Blake HS	4		4	Total	11	1	12
Clarksburg HS	9		9	Broad Acres	2		2	<b>Grand Total by Use</b>	<b>340</b>	<b>10</b>	<b>350</b>
Rocky Hill MS	8		8	Burnt Mills	3		3				
Clarksburg ES	4		4	Burtonsville	4		4	<b>SCHOOL TOTAL:</b>	<b>350</b>		
Daly	4		4	Cloverly	2		2				
Little Bennett	6		6	Greencastle	3		3				
Total	31	0	31	Page	2		2				
<b>Damascus</b>				Stonegate	3	1	4				
Cedar Grove	3		3	Westover	2		2				
Clearspring	1		1	Total	25	1	26				
Total	4	0	4	<b>Northwest</b>							
<b>Downcounty Consortium*</b>				Clopper Mill	3		3				
Wheaton HS	2		2	Darnestown	6		6	<b>Other Relocatable Uses</b>			
Arcola	3		3	Diamond	2	1	3	<b>Phased Construction</b>	<b># Units</b>	<b>Comment</b>	
Bel Pre	8		8	Great Seneca Creek	3		3	Gaithersburg HS	15	Modernization	
Forest Knolls	1		1	Spark M. Matsunaga	14	1	15	Paint Branch HS	10	Modernization	
Georgian Forest	11		11	Ronald McNair	4		4	Ridgeview MS	4	Improvements	
Glenallan**	0		0	Total	32	2	34	Total	29		
Highland View	6		6	<b>Poolesville</b>				<b>Holding Schools for Modernizations</b>			
Kemp Mill ES	1		1	Monoacy	1		1	Fairland Center	9	Cannon Road/Glenallan	
Oakland Terrace	7		7	Total	1	0	1	Grosvenor Center	21	Garrett Park/Weller Road	
Pine Crest	2		2	<b>Quince Orchard</b>				North Lake Center	16	Beverly Farms ES	
Rolling Terrace	3		3	Brown Station	5		5	Radnor Center	13	Seven Locks/Bradley Hills	
Shriver	4		4	Rachel Carson	5	1	6	Tilden Center	14	Herbert Hoover MS	
Viers Mill	15		15	Jones Lane	6		6	Total	73		
Weller Road**	0		0	Marshall	1		1	<b>Other Uses at Schools</b>			
Wheaton Woods	8		8	Total	17	1	18	Gaithersburg ES	1	Parent Resource Center	
Woodlin	4		4	<b>Rockville</b>				Gaithersburg HS	1	Mont. College Program	
Total	75	0	75	Lucy V. Barnsley	9		9	Rolling Terrace ES	1	Judy Center	
<b>Gaithersburg</b>				Flower Valley	1		1	Rosemary Hills ES	1	Benchmarks Program	
Goshen	4		4	Maryvale	1		1	Seneca Valley HS	1	Transition (CCC)	
Laytonsville		1	1	Meadow Hall	2		2	Sherwood ES	1	Baldrige Lab	
Rosemont		1	1	Rock Creek Valley	2		2	Summit Hall ES	1	Judy Center	
Strawberry Knoll	5		5	Sandburg	2		2	Wootton HS	1	Modular Bathroom	
Summit Hall	8		8	Total	17	0	17	Wootton HS	1	Mont. College Program	
Total	17	2	19	<b>Seneca Valley</b>				Total	9		
<b>Walter Johnson</b>				Lake Seneca	3		3	<b>Nonschool Locations</b>			
Ashburton	3		3	S. Christa McAuliffe	3		3	Bethesda Depot	3	Offices	
Kensington-Parkwood	5		5	Sally K. Ride	4		4	Children's Res. Ctr.	1	Infants & Todd. offices	
Luxmanor	3		3	Waters Landing	5		5	Clarksburg Depot	1	Maintenance	
Wyngate	10		10	Total	15	0	15	Clarksburg Depot	2	Transportation	
Total	21	0	21	<b>Sherwood</b>				Emory Grove Ctr.	1	Transitions Program	
				Belmont				Kingsley	5	Transitions	
				Total	0	1	1	Lincoln Warehouse	1	Copy Plus Program	
								Mont. College			
								Germantown	2		
								Randolph Depot	3	Offices	
								Rockinghorse	2	ESOL Offices	
								Shady Grove Depot	10		
								Smith Center	2	Outdoor Education	
								Total	33		
								<b>OTHER TOTAL:</b>	<b>144</b>		

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 NE Consortium is the equivalent of 3 clusters.

\*\* Units to be removed in January 2012.

1	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Capital Project	Major Element	Notes	Acceptable Life Span (Years)	Inventory	Units	How much/many should be replaced annually	Average Cost	Acceptable Annual Replacement Cost	FY12 Approved	FY13 Request	Future Funding Level	Backlog	Criticality Rating
40	<b>Montgomery County Public Schools</b>													
41	<b>Infrastructure Maintenance: Capital Improvements Program</b>													
42	Fire Safety	Life Safety Equip	Fire Alarms, pumps, detectors	15	223	systems	15	\$130,000	\$1,950,000	\$819,000	\$819,000	Higher	\$6,500,000	5
43			Kitchen hoods	30	151	each	5	\$80,000	\$400,000	\$0	\$0	Higher	\$4,000,000	
44			Suppression systems	15	151	systems	10	\$15,000	\$150,000	\$0	\$0	Higher	\$150,000	5
45	Life Safety Total	Life Safety Total						\$225,000	\$2,500,000	\$819,000	\$819,000		\$10,650,000	
46	PLAR: Door/Window	Exterior Doors/ Hollow metal doors		30	253,000	sf	8,433	\$150	\$1,264,950	\$316,000	\$106,000		\$73,063,100	3
47		Exterior Windows		30	1,174,000	sf	39,133	\$98	\$3,835,034	\$320,000	\$25,000			3
48		Interior Doors/Solid wood doors		20	1,114,324	sf	55,716	\$54	\$3,008,664	\$0	\$0			2
49	PLAR: Electrical	Elec Service/ Distribution		35	23,801,743	sf	680,050	\$4	\$2,448,180	\$0	\$150,000		\$169,544,400	4
50		Emergency Light and Power		25	23,801,743	sf	952,070	\$14	\$13,709,808	\$190,000	\$750,000			5
51		Lighting and Branch Wiring		20	23,801,743	sf	1,190,087	\$16	\$18,565,357	\$220,000	\$287,000			4
52		Other Electrical Systems		15	23,801,743	sf	1,586,783	\$4	\$5,712,419	\$35,000	\$0			4
53	PLAR: Electronics	Electronics	Stage, Security, PA	20	600	systems	30	\$32	\$972	\$280,000	\$350,000	Higher	\$8,952,000	5
54	PLAR: Elevators	Bulding Elevators		20	163	each	8	\$276	\$2,208	\$265,000	\$0		\$22,080,000	4
55		Handicap Lifts		15	92	each	6	\$30,000	\$180,000	\$0	\$50,000		\$2,250,000	
56	PLAR: Finishes	Ceiling		20	23,801,743	sf	1,190,087	\$8	\$9,996,731	\$270,000	\$180,000		\$104,091,900	1
57		Floor		20	23,801,743	sf	1,190,087	\$6	\$7,140,522	\$237,000	\$705,000			2
58		Wall		10	53,155,006	sf	5,315,501	\$1	\$6,378,601	\$0	\$25,000			1
59	PLAR: Plumbing	System (Non Restroom)		35	23,801,743	sf	680,050	\$10	\$6,528,480	\$150,000	\$75,000		\$91,245,000	4
60				25	23,801,743	sf	952,070	\$11	\$10,282,356	\$98,000	\$0			4
61	PLAR: Equipment	Lockers		20	66	schools	3	\$228,000	\$684,000		\$410,000		\$6,171,000	2
62		Playground		20	556	pieces	28	\$34,740	\$972,720	\$375,000	\$375,000		\$7,082,328	2
63		Pavement	Parking	20	22,910,000	sf	1,145,500	\$8	\$9,622,200	\$270,000	\$430,000		N/A	3
64		Curb/Gutter/ Sidewalks		30	4,220,000	lf	140,667	\$7	\$1,012,802	\$0	\$233,000			1

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1	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Capital Project	Major Element	Notes	Acceptable Life Span (Years)	Inventory	Units	How much/many should be replaced annually	Average Cost	Acceptable Annual Replacement Cost	CIP			Backlog	Criticality Rating
										FY12 Approved	FY13 Request	Future Funding Level		
65	PLAR: Site	Paved play area	Tennis/ Basketball	20	10,200,000	sf	510,000	\$8	\$4,284,000	\$70,000	\$115,000		N/A	1
66		Bleacher/ Grandstand		30	26	each	1	\$749,400	\$749,400	\$0	\$0			3
67		Fencing		30	1,543,180	lf	51,439		\$0	\$50,000	\$15,000			2
68		Athletic fields	Baseball, soccer	20	273	schools	14		\$0	\$90,000	\$250,000			2
69		Stormwater Mgmt		45	99	schools	2		\$0	\$50,000	\$85,000			2
70	PLAR: QZAB Funding	QZAB funding (State)								\$1,850,000	N/A			
71	PLAR: ASP Funding	ASP Funding (State)								\$849,278	N/A			
72	PLAR: Total	PLAR Subtotal							\$106,379,404	\$5,985,278	\$4,616,000		\$484,479,728	
73	HVAC	Chillers		25	262	each	10	\$240,000	\$2,400,000	\$1,850,000	\$2,200,000			5
74		Distribution Systems		30	23,801,743	sf	793,391	\$23	\$18,247,993	\$9,250,000	\$15,000,000			5
75		Boilers		25	416	each	17	\$120,000	\$2,040,000	\$1,500,000	\$1,900,000			5
76		Air Handling Units		20	832	each	42	\$75,000	\$3,150,000	\$2,400,000	\$2,900,000			5
77	HVAC: Total	HVAC Subtotal							\$25,837,993	\$15,000,000	\$22,000,000	\$18,000,000	\$163,700,000	
78	Restroom Renovation	Plumbing fixtures (restrooms)		25	16,558	each	662	\$840	\$556,080	\$722,000	\$825,000		\$5,500,000	4
79		Specialized Finishes		20	2,805	rest-rooms	140	\$13,200	\$1,848,000	\$250,000	\$275,000		\$8,800,000	2
80	Restroom: Total								\$2,404,080	\$972,000	\$1,100,000		\$14,300,000	
81	Energy Mgt System	EMS	Energy Mgt System	20	191	systems	10	\$141,000	\$1,410,000	\$2,057,000	\$2,057,000		\$8,460,000	4
82	Roof	Roof	Roof	20	16,392,988	sf	819,649	\$13	\$10,819,367	\$6,468,000	\$7,147,000		\$25,910,500	5
83		Subtotal							\$149,350,844	\$31,301,278	\$37,739,000		\$707,500,228	
84	Modernization capital funding discounted for infrastructure renewal only									\$80,100,000	\$97,425,000			
85	(Capital construction PDF costs discounted by 25% for facility changes for growth and program enhancements)													
86	Total									\$149,350,844	\$111,401,278	\$135,164,000		\$707,500,228

# 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 2011-2012 school year, 146,497 students were attending 200 separate public educational facilities.

## PROGRAM DESCRIPTION AND OBJECTIVES

The Board's FY13-18 CIP request consists of 13 new and 32 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.

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 Karamhas of the Montgomery County Public Schools at 240.314.1035 or LaKisha Giles of the Office of Management and Budget at 240.777.2771 for more information about this agency's capital budget.

## CAPITAL PROGRAM REVIEW

### Board of Education Request

The Board's FY13-18 capital program request for MCPS totals \$1,489.0 million, a \$130.1 million or 9.6 percent increase from the amended FY11-16 capital program of \$1,358.9 million.

### Executive Recommendations

The Executive recommends \$1,355.1 million over the six-year CIP, an amount which is only 0.3 percent below FY11-16 funding despite a 7.3 percent reduction in general obligation bonds issued.

### Highlights of Executive Recommendation

- Allocate \$1,351.9 million for school construction.
- Maintain previously approved modernization schedule for all elementary schools.
- Address capacity needs from higher enrollment by opening two new elementary schools and one new middle school, constructing six elementary school additions, and one middle school addition.
- Maintain funding to MCPS countywide infrastructure projects including heating, ventilation and air-conditioning, restroom renovations and life-cycle asset replacement.
- As part of the Smart Growth Initiative, fund design and construction of a new, larger MCPS Food Distribution Facility.
- Address countywide special education needs by adding new funding for modifications to Holding, Special Education and Alternative Centers.

## 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 maintaining 99.7 percent of the amended FY11-16 capital program.

### Individual Schools

The Executive supports the Board's capacity-related requests, which include constructing additions for six elementary schools and one middle school, opening a new elementary school, opening a new middle school, and reopening one elementary school. The Executive also supports modernization to existing facilities by recommending funding five elementary school, one middle school and two high school modernization projects. However, the Executive recommends delaying the reopening of

one elementary school, Richard Montgomery #5, by two years. The Children's Resource Center is currently using this school and the Center will have to relocate to accommodate the elementary school's reopening. This elementary school reopening delay will save the County taxpayers \$3.45 million by avoiding funding a temporary space for the Children's Resource Center and allowing a permanent Center to be built before MCPS needs the property.

**Countywide Projects**

For the FY13-18 CIP, the Board has requested \$708.3 million for its school modernization program. The Board proposal results in an average expenditure level per year of \$118.0 million, an increase of \$6.3 million per year or 5.7 percent over the current approved average annual expenditure level. The following table shows annual funding for modernizations since FY99. The Executive is recommending a one-year delay for two current high school modernizations and four secondary school modernizations. The Executive is also reiterating his past recommendation to comprehensively revisit the costly practice of "tear down and rebuild" modernizations.

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

Six-Year CIP	Average Per Year	Six-Year Total
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 Amended	111,719	670,311
FY13-18 Request	118,045	708,270
<i>Change from FY11-16 Amended</i>	<i>6,327</i>	<i>37,959</i>

The Executive sees maintaining the current MCPS infrastructure as a priority. Americans with Disabilities Act (ADA) Compliance, Energy Conservation, Fire Safety, Heating, Ventilation, and Air Conditioning (HVAC), Indoor Air Quality, Roof Replacement, School Security Systems, and Restroom Renovations are among a number of level of effort projects being recommended for higher or continued funding in FY13-18.

**PROGRAM FUNDING**

The MCPS capital program would be funded using \$748.7 million of County bonds; \$366.4 million of other local resources including current revenue, recordation tax, schools impact tax, and federal funding; and \$240 million of State aid. The table following this narrative compares funding sources for the amended FY11-16 Capital Program to the FY13-18 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 \$748.7 million over six years, which reflects the resources available within the CIP. This represents a decrease of \$49.4 million or 6.2 percent compared to the amended FY11-16 capital program, which is mostly offset by \$45.6 million in increases in other funds. An allocation of approximately 59.8% of planned FY13 general obligation bond issues has been recommended for MCPS.

**Other County Resources**

The Executive's recommendation includes \$108.8 million in current revenue over the six-year CIP. His proposal also assumes \$145.5 million in recordation tax, and \$112.1 million of school impact tax, during FY13-18. The allocation of these funding sources to MCPS increased by 14.4 percent over the FY11-16 CIP.

**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 \$240 million of State aid over six years with \$40 million in FY13. The following table compares the annual amount of State aid requested by MCPS to the amount finally approved since 1998.

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

Fiscal Year	State Aid Requested	State Aid Approved
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	139.1	30.2
FY12	163.6	42.0
FY13 Rec.	184.5	N/A

Montgomery County has requested \$184.5 million of State funding in FY13 for 25 construction projects and 18 systems renovation projects. A chart at the end of this chapter presents

FY13-18 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, 2011, to the State Board of Public Works (BPW) for \$24.0 million of State aid for Montgomery County in FY13. The table presented below shows details by project. The BPW will make final allocations in the Spring of 2012 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 Delegation, and the community to request that the State fully fund the County's State aid request.

**FY13 State Aid for School Construction  
(\$000)**

Project by Category	Total Est.	FY13		Balance
	Cost	Request	IAC Rec.	
<b>Construction:</b>				
Fox Chapel ES	7,205	172	172	-
Garrett Park ES	24,166	4,982	4,982	-
Subtotal, Construction	31,371	5,154	5,154	-
<b>Planning &amp; Construction:</b>				
Beverly Farms ES	29,260	8,566		8,566
Bradley Hills ES	14,249	4,586		4,586
Brookhaven ES	5,819	1,647	200	1,447
Darnestown ES	11,100	2,333		2,333
Downcounty Consortium ES	32,221	9,405		9,405
Fairland ES	7,729	2,086	1,000	1,086
Gaithersburg HS	119,300	38,566		38,566
Glenallan ES	29,611	9,388		9,388
Georgian Forest ES	10,620	2,394		2,394
Harmony Hills ES	5,949	2,827	400	2,427
Herbert Hoover MS	48,788	14,812		14,812
Jackson Road ES	6,791	1,254	1,254	-
Montgomery Knolls ES	8,753	2,586	1,200	1,386
Paint Branch HS	98,498	38,935		38,935
Redland MS	14,233	4,634	2,270	2,364
Ridgeview MS	13,524	1,954	1,000	954
Rock View ES	5,470	1,938		1,938
Seven Locks ES	22,662	5,910	2,159	3,751
Viers Mills ES	11,177	2,690		2,690
Weller Road ES	24,547	5,953		5,953
Westbrook ES	11,805	3,363		3,363
Whetstone ES	7,633	1,260	150	1,110
Wyngate ES	10,230	2,508		2,508
Subtotal, Plan. & Construct.	549,969	169,595	9,633	159,962
<b>Countywide:</b>				
Roof Replacement	6,623	3,240	2,690	550
HVAC/Electrical Replacement	13,340	6,532	6,532	-
Subtotal, Countywide	19,963	9,772	9,222	550
<b>Total, All Projects</b>	<b>601,303</b>	<b>184,521</b>	<b>24,009</b>	<b>160,512</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, 2011, 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, 2012, in the case of the FY13 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 FY13-18 CIP. The application of the school test produces a moratorium in the Bethesda-Chevy Chase cluster. The school test also requires a school facilities payment at the high school level in the Blake, Walter Johnson, Northwood, Quince Orchard, Walter Whitman and Wootton clusters; at the middle school level in the Blair, Walter Johnson, Rockville, Springbrook, Wheaton and Whitman; and at the elementary level Blake, Gaithersburg, Magruder, Paint Branch, Quince Orchard, Rockville and Seneca Valley clusters.

**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 FY13 dollars, each new 740 student elementary school will require approximately \$2.4 million in additional operating costs for the first year.

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These costs include salaries for 18.1 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 36.0 workyears of non-classroom positions. A new 2,000 student high school is estimated to require approximately \$4.0 million in additional operating costs for the first year. These costs include salaries for 66.0 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 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.

## FY13-18 Budgetary Assumptions of State Aid for School Construction (\$000s)

Projects by Category & Priority	FY12	FY13-18	FY13	FY14	FY15	FY16	FY17	FY18
<b>Construction Funding</b>								
Fox Chapel ES	1,880	172	172					
Garrett Park ES	1,338	4,982	4,982					
<i>Subtotal, Construction</i>	3,218	5,154	5,154	-	-	-	-	-
<b>Planning &amp; Construction</b>								
Carderock Spring ES	1,158	-						
East Silver Spring ES	4,899	-						
Cannon Road ES	12,251	-						
Takoma Park ES	1,162	-						
Poolesville HS	3,081	-						
Sherwood ES	160	-						
Cabin John MS	1,428	-						
Farmland ES	5,176	-						
Beverly Farms ES		-						
Beverly Farms ES		8,566	8,566					
Bradley Hills ES		4,586	4,586					
Brookhaven ES		1,647	1,647					
Darnestown ES		2,333	2,333					
Downcounty Consortium ES		9,405	9,405					
Fairland ES		2,086	2,086					
Gaithersburg HS		38,566	38,566					
Glenallen ES		9,388	9,388					
Georgian Forest ES		2,394	2,394					
Harmony Hills ES		2,827	2,827					
Herbert Hoover MS		14,812	14,812					
Jackson Road ES		1,254	1,254					
Montgomery Knolls ES		2,586	2,586					
Paint Branch HS		38,935	38,935					
Redland MS		4,634	4,634					
Ridgeview MS		1,954	1,954					
Rock View ES		1,938	1,938					
Seven Locks ES		5,910	5,910					
Viers Mills ES		2,690	2,690					
Weller Road ES		5,953	5,953					
Westbrook ES		3,363	3,363					
Whetstone ES		1,260	1,260					
Wyngate ES		2,508	2,508					
Bel Pre ES		8,662		4,331	4,331			
Candelwood ES		7,048		3,524	3,524			
Rock Creek Forest ES		9,160		4,580	4,580			
Clarksburg Cluster ES		12,132		4,716	7,416			
Waters Landing ES		1,509		1,509				
William H. Farquhar MS		12,997		6,499	6,498			
Wheaton HS		29,367		14,684	14,683			
Clarksburg HS		6,008			3,004	3,004		
Clarksburg/Damascus MS		22,174			11,087	11,087		
Brown Station ES		11,568			5,784	5,784		
Wayside ES		9,939			4,970	4,969		
Wheaton Woods ES		12,292			6,146	6,146		
Seneca Valley HS		51,457			25,729	25,728		
Luxmanor ES		12,205			6,103	6,102		
Maryvale ES		12,597			6,299	6,298		
Potomac ES		11,562			5,781	5,781		
Tilden @ Woodward MS		23,961			11,981	11,980		
Wootton HS		49,799				24,900	24,899	
<i>Subtotal, Planning and Construction</i>	29,315	498,251	169,595	39,843	127,916	111,779	37,009	12,109
<b>Countywide Projects</b>								
Roof Replacement	2,807	3,240	3,240					
HVAC/Electrical Replacement	6,660	6,532	6,532					
Addition Projects (Outyears)	-	125,000	-	25,000	25,000	25,000	25,000	25,000
Systemic Projects (Outyears)	-	15,000	-	3,000	3,000	3,000	3,000	3,000
<i>Subtotal, Countywide</i>	9,467	149,772	9,772	28,000	28,000	28,000	28,000	28,000
<b>Total, All Projects</b>	<b>42,000</b>	<b>653,177</b>	<b>184,521</b>	<b>67,843</b>	<b>155,916</b>	<b>139,779</b>	<b>65,009</b>	<b>40,109</b>
<b>Offset [1]</b>	-	(413,177)	(144,521)	(27,843)	(115,916)	(99,779)	(25,009)	(109)
<b>Total State Aid Assumed</b>	<b>42,000</b>	<b>240,000</b>	<b>40,000</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 2011 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 FY13 do not yet have construction dollars approved. Expected funding requests are shown here.

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

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### Summary of School Test for FY 2013

Based on BOE Requested FY 2013-2018 CIP  
Would Be Effective July 1, 2012

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, 2012  Test year 2017-18	Blake (106.7%) Gaithersburg (110.0%) Magruder (105.4%) Paint Branch (114.5%) Quince Orchard (108.9%) Rockville (113.3%) Seneca Valley (111.9%)	Blair (106.9%) Walter Johnson (112.3%) Rockville (115.4%) Springbrook (106.7%) Wheaton (109.4%) Whitman (116.0%)	Blake (106.7%) Walter Johnson (106.3%) Northwood (111.5%) Quince Orchard (107.1%) Walt Whitman (109.3) Wootton (107.6%)
<u>Clusters over 120% utilization</u>  Moratorium required in clusters that are inadequate.	5-year test Effective July 1, 2012  Test year 2017-18			B-CC (131.7%)

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**FY2013 Growth Policy School Test: Cluster Percent Utilizations in 2017**  
**Reflects BOE's Requested FY 2013-2018 Capital Improvements Program (CIP)**  
**Would be Effective July 1, 2012**

**Elementary School Enrollment**

Cluster Area	Projected August 2017 Enrollment	100% MCPS Program Capacity With BOE Requested FY13-18 CIP	Cluster Percent Utilization in 2017	Growth Policy Test Result Capacity Is:	Cluster Status?
Bethesda-Chevy Chase	3,501	3,810	91.9%	Adequate	Open
Montgomery Blair	4,222	4,154	101.6%	Adequate	Open
James Hubert Blake	2,585	2,423	106.7%	Inadequate	School Payment
Winston Churchill	2,650	2,887	91.8%	Adequate	Open
Clarksburg	4,029	3,998	100.8%	Adequate	Open
Damascus	2,395	2,409	99.4%	Adequate	Open
Albert Einstein	2,760	2,639	104.6%	Adequate	Open
Galthersburg	4,001	3,637	110.0%	Inadequate	School Payment
Walter Johnson	4,089	3,946	103.6%	Adequate	Open
John F. Kennedy	2,773	2,910	95.3%	Adequate	Open
Col. Zadok Magruder	2,683	2,546	105.4%	Inadequate	School Payment
Richard Montgomery	2,745	2,978	92.2%	Inadequate	Open
Northwest	4,249	4,309	98.6%	Adequate	Open
Northwood	3,464	3,376	102.6%	Adequate	Open
Paint Branch	2,464	2,152	114.5%	Inadequate	School Payment
Poolesville	652	758	86.0%	Adequate	Open
Quince Orchard	3,035	2,787	108.9%	Inadequate	School Payment
Rockville	2,609	2,303	113.3%	Inadequate	School Payment
Seneca Valley	2,401	2,145	111.9%	Inadequate	School Payment
Sherwood	2,017	2,427	83.1%	Adequate	Open
Springbrook	3,295	3,151	104.6%	Adequate	Open
Watkins Mill	2,663	2,721	97.9%	Adequate	Open
Wheaton	3,156	3,304	95.5%	Adequate	Open
Walt Whitman	2,554	2,560	99.8%	Adequate	Open
Thomas S. Wootton	2,893	3,246	89.1%	Adequate	Open

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

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**FY2013 Growth Policy School Test: Cluster Percent Utilizations in 2017**  
**Reflects BOE's Requested FY 2013-2018 Capital Improvements Program (CIP)**  
**Would be Effective July 1, 2012**

**Middle School Enrollment**

<b>Cluster Area</b>	<b>Projected August 2017 Enrollment</b>	<b>100% MCPS Program Capacity With BOE Requested FY13-18 CIP</b>	<b>Cluster Percent Utilization in 2017</b>	<b>Growth Policy Test Result Capacity Is:</b>	<b>Cluster Status?</b>
Bethesda-Chevy Chase	1,608	2,007	80.1%	Adequate	Open
Montgomery Blair	2,455	2,296	106.9%	Inadequate	School Payment
James Hubert Blake	1,301	1,314	99.0%	Adequate	Open
Winston Churchill	1,345	1,593	84.4%	Adequate	Open
Clarksburg	1,871	2,381	78.6%	Adequate	Open
Damascus	758	740	102.4%	Adequate	Open
Albert Einstein	1,234	1,332	92.6%	Adequate	Open
Gaithersburg	1,711	1,797	95.2%	Adequate	Open
Walter Johnson	2,057	1,831	112.3%	Inadequate	School Payment
John F. Kennedy	1,411	1,436	98.3%	Adequate	Open
Col. Zadok Magruder	1,277	1,637	78.0%	Adequate	Open
Richard Montgomery	1,331	1,444	92.2%	Adequate	Open
Northwest	2,135	2,052	104.0%	Adequate	Open
Northwood	1,453	1,459	99.6%	Adequate	Open
Paint Branch	1,279	1,228	104.2%	Adequate	Open
Poolesville	317	459	69.1%	Adequate	Open
Quince Orchard	1,453	1,688	86.1%	Adequate	Open
Rockville	1,099	952	115.4%	Inadequate	School Payment
Seneca Valley	1,302	1,485	87.7%	Adequate	Open
Sherwood	1,127	1,501	75.1%	Adequate	Open
Springbrook	1,361	1,275	106.7%	Inadequate	School Payment
Watkins Mill	1,239	1,359	91.2%	Adequate	Open
Wheaton	1,738	1,588	109.4%	Inadequate	School Payment
Walt Whitman	1,474	1,271	116.0%	Inadequate	School Payment
Thomas S. Wootton	1,434	1,567	91.5%	Adequate	Open

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

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**FY2013 Growth Policy School Test: Cluster Percent Utilizations in 2017**  
**Reflects BOE's Requested FY 2013-2018 Capital Improvements Program (CIP)**  
**Would be Effective July 1, 2012**

**High School Enrollment**

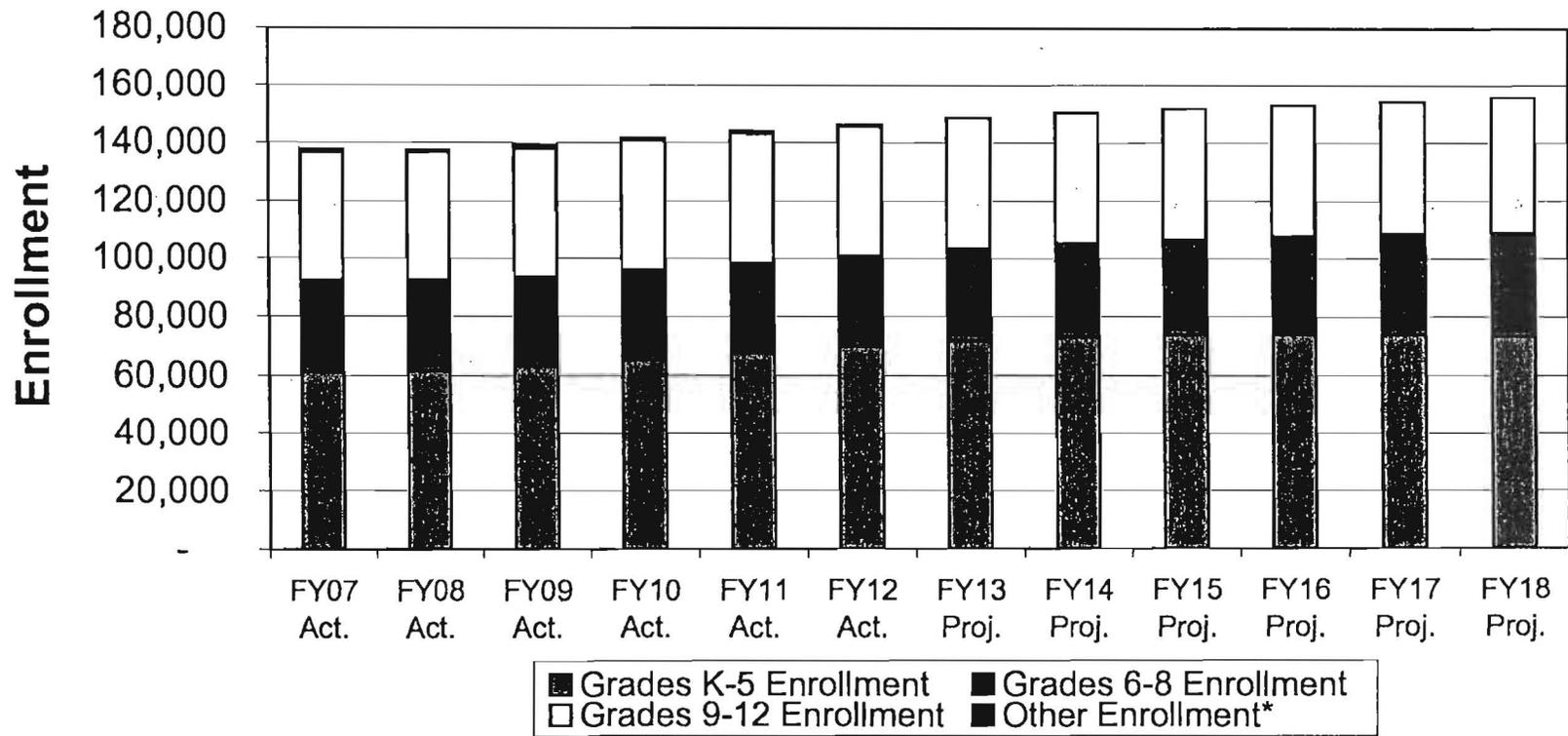
Cluster Area	Projected August 2017 Enrollment	100% MCPS Program Capacity With BOE Requested FY13-18 CIP	Cluster Percent Utilization In 2017	Growth Policy Test Result Capacity Is:	Cluster Status?
Bethesda-Chevy Chase	2,162	1,642	131.7%	Inadequate	Moratorium
Montgomery Blair	2,980	2,875	103.7%	Adequate	Open
James Hubert Blake	1,840	1,724	106.7%	Inadequate	School Payment
Winston Churchill	1,860	1,941	95.8%	Adequate	Open
Clarksburg	1,933	1,971	98.1%	Adequate	Open
Damascus	1,267	1,479	85.7%	Adequate	Open
Albert Einstein	1,468	1,618	90.7%	Adequate	Open
Gaithersburg	2,087	2,284	91.4%	Adequate	Open
Walter Johnson	2,437	2,292	106.3%	Inadequate	School Payment
John F. Kennedy	1,694	1,793	94.5%	Adequate	Open
Col. Zadok Magruder	1,626	1,896	85.8%	Adequate	Open
Richard Montgomery	2,301	2,232	103.1%	Adequate	Open
Northwest	2,246	2,151	104.4%	Adequate	Open
Northwood	1,686	1,512	111.5%	Inadequate	School Payment
Paint Branch	1,881	1,899	99.1%	Adequate	Open
Poolesville	1,097	1,152	95.2%	Adequate	Open
Quince Orchard	1,903	1,777	107.1%	Inadequate	School Payment
Rockville	1,499	1,530	98.0%	Adequate	Open
Seneca Valley	1,376	1,694	81.2%	Adequate	Open
Sherwood	1,868	2,013	92.8%	Adequate	Open
Springbrook	1,806	2,082	86.7%	Adequate	Open
Watkins Mill	1,499	1,980	75.7%	Adequate	Open
Wheaton	1,388	1,604	86.5%	Adequate	Open
Walt Whitman	1,998	1,828	109.3%	Inadequate	School Payment
Thomas S. Wootton	2,249	2,091	107.6%	Inadequate	School Payment

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

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### MCPS Enrollment by School Level



\*"Other Enrollment" includes Special Program Centers, Alternative Programs, and Gateway to College. These programs are combined with grade enrollment for FY13-18.

## 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 10, 2012  
No  
None.  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	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	-57,645	0	0	-133,923	-6,873	-19,068	-50,131	-37,118	-17,130	-3,603	76,278
<b>Total</b>	<b>-57,645</b>	<b>0</b>	<b>0</b>	<b>-133,923</b>	<b>-6,873</b>	<b>-19,068</b>	<b>-50,131</b>	<b>-37,118</b>	<b>-17,130</b>	<b>-3,603</b>	<b>76,278</b>

### FUNDING SCHEDULE (\$000)

Current Revenue: General	-51,522	0	0	-51,522	-4,532	-6,733	-20,884	-7,653	-5,220	-6,500	0
Current Revenue: Recordation Tax	64,555	0	0	64,555	-2,094	-3,258	14,050	-438	27,354	28,941	0
G.O. Bonds	-129,297	0	7,335	-212,910	-1,186	-17,171	-49,455	-36,299	-59,619	-49,180	76,278
Schools Impact Tax	58,619	0	-7,335	65,954	939	8,094	6,158	7,272	20,355	23,136	0
<b>Total</b>	<b>-57,645</b>	<b>0</b>	<b>0</b>	<b>-133,923</b>	<b>-6,873</b>	<b>-19,068</b>	<b>-50,131</b>	<b>-37,118</b>	<b>-17,130</b>	<b>-3,603</b>	<b>76,278</b>

#### DESCRIPTION

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

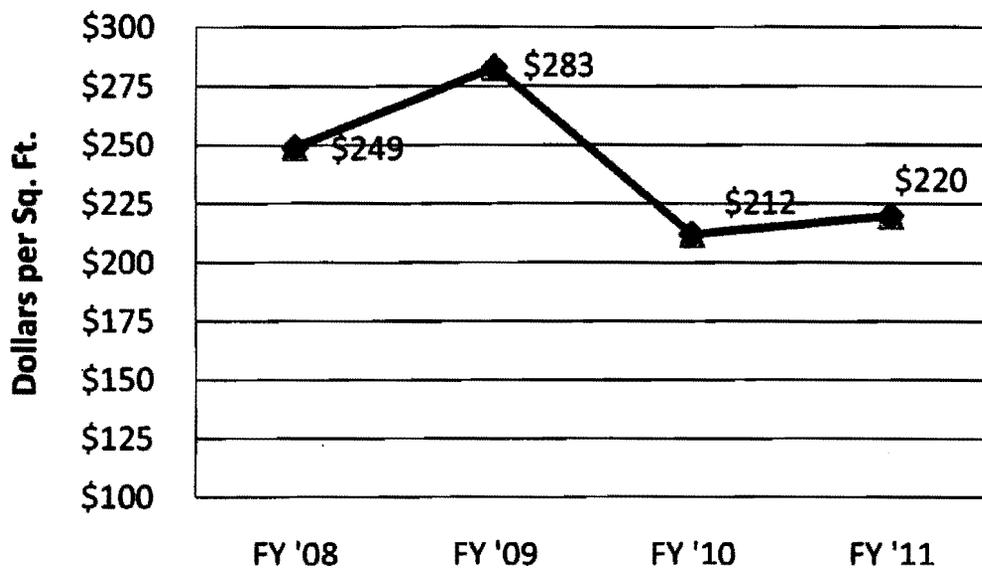
The Executive's priority of educational excellence has resulted in his recommending maintaining 99.7 percent of the amended FY11-16 capital program in the next six-year period. Fiscal constraints lead the Executive to adjust the annual amounts to be affordable within the CIP. The Executive recommends staying within the Spending Affordability Guidelines approved by the County Council in October 2011. The Executive reached the FY13-18 funding level by recommending a two year reopening delay of Richard Montgomery Elementary School #5 to accommodate the relocation of the Children's Resource Center and avoid \$3.45 million in temporary relocation cost as well as a one year delay for two current high school modernizations, and future modernizations for two middle schools and two high schools. The Executive also recommends deleting the Transportation Depot project until we can study alternative options for bus depot operations to ensure that expensive investments in stand alone depots are warranted; maintaining the Technology Modernization project on the currently approved five year cycle; maintaining the Facility Planning project funding at the currently approved FY12 level; and using current revenue funds currently allocated in the Technology Modernization project to help fund the Relocatable Classrooms project's FY13 requested increase.

#### FISCAL NOTE

FY12 adjustment figures reflect a FY12 amendment to switch school impact tax funds to general obligation bonds in light of the expected impact of Bill 26-11.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP
Date First Appropriation	FY01	(\$000)
First Cost Estimate	FY01	0
Current Scope		0
Last FY's Cost Estimate		0
Appropriation Request	FY13	-4,532
Appropriation Request Est.	FY14	-6,733
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditures / Encumbrances		0
Unencumbered Balance		0
Partial Closeout Thru	FY10	0
New Partial Closeout	FY11	0
Total Partial Closeout		0

## MCPS Construction Cost per Sq. Ft.



<b>Montgomery County Public Schools - Construction Bids</b>				
<b>Project</b>	<b>Bid Date</b>	<b>Sq. Ft.</b>	<b>Contract Award</b>	<b>Cost per Sq Ft</b>
<b>FY 2008</b>				
Galway ES Modernization	5/31/07	86,958	\$ 19,083,502	\$ 219.46
Bells Mill ES Modernization	10/17/07	77,300	\$ 21,840,350	\$ 282.54
Cashell ES Modernization	12/6/07	71,171	\$ 17,496,694	\$ 245.84
Francis S. Key MS Modernization	7/25/07	147,755	\$ 40,299,326	\$ 272.74
Walter Johnson HS Modernization	9/5/07	243,375	\$ 52,094,146	\$ 214.05
Luxmanor ES Addition	4/12/07	19,561	\$ 6,962,800	\$ 355.95
Travilah ES Addition	4/5/07	19,356	\$ 4,380,000	\$ 226.29
Wayside ES Addition	4/19/07	19,578	\$ 5,183,600	\$ 264.77
Ashburton ES Addition	5/10/07	21,215	\$ 4,965,000	\$ 234.03
Fallsmead ES Addition	5/24/07	20,429	\$ 5,532,276	\$ 270.81
T. W. Pyle MS Addition	5/24/07	19,178	\$ 5,233,600	\$ 272.90
Stedwick ES Addition	5/3/07	32,437	\$ 7,573,000	\$ 233.47
Washington Grove ES Addition	6/21/07	46,510	\$ 11,137,100	\$ 239.46
Cloverly ES Gym Addition	6/28/07	6,026	\$ 1,707,000	\$ 283.27
Stonegate ES Gym Addition	6/28/07	7,037	\$ 2,574,000	\$ 365.78
Brookhaven ES Gym Addition	7/10/07	7,138	\$ 2,058,500	\$ 288.39
Meadow Hall ES Gym Addition	7/10/07	6,622	\$ 2,123,400	\$ 320.66
Strathmore ES Gym Addition	8/30/07	7,215	\$ 1,837,800	\$ 254.72
Summit Hall ES SBHC Addition	6/19/07	3,441	\$ 1,291,000	\$ 375.18
Westland MD Addition	9/6/07	8,368	\$ 3,090,700	\$ 369.35
		870,670	\$ 216,463,794	\$ 248.62
<b>FY 2009</b>				
Carderock Springs ES Modernization	10/2/08	67,703	\$ 21,294,787	\$ 314.53
Cresthaven ES Modernization	10/9/08	76,695	\$ 22,517,682	\$ 293.60
Poolesville HS Improvements	6/25/08	21,888	\$ 6,622,000	\$ 302.54
Takoma Park ES Addition	10/21/08	44,347	\$ 9,372,733	\$ 211.35
E. Silver Spring ES Addition	11/3/08	35,994	\$ 9,991,000	\$ 277.57
		246,627	69,798,202	\$ 283.01
<b>FY 2010</b>				
Cabin John MS Modernization	5/7/09	156,240	\$ 32,349,370	\$ 207.05
Farmland ES Modernization	11/5/09	66,229	\$ 16,867,266	\$ 254.68
Paint Branch HS Modernization	12/18/09	347,169	\$ 80,978,293	\$ 233.25
Sherwood ES Addition	5/5/09	21,663	\$ 3,605,418	\$ 166.43
Fox Chapel ES Addition	10/6/09	34,144	\$ 5,126,000	\$ 150.13

Project	Bid Date	Sq. Ft.	Contract Award	Cost per Sq Ft
Jackson Road ES Addition	10/27/09	26,186	\$ 4,429,500	\$ 169.16
Whetstone ES Addition	11/3/09	20,267	\$ 4,614,000	\$ 227.66
Rock View ES Addition	11/10/09	22,388	\$ 3,210,000	\$ 143.38
Brookhaven ES Addition	11/17/09	21,384	\$ 3,523,800	\$ 164.79
Montgomery Knolls ES Addition	12/8/09	40,002	\$ 7,567,250	\$ 189.17
Harmony Hills ES Addition	12/10/09	22,541	\$ 3,931,400	\$ 174.41
Fairland ES Addition	12/15/09	25,410	\$ 4,465,000	\$ 175.72
		803,623	170,667,297	\$ 212.37
<b>FY 2011</b>				
Seven Locks ES Modernization	4/27/2010	66,915	\$ 16,604,304	\$ 248.14
Cannon Road ES Modernization	5/19/2010	83,377	\$ 18,649,140	\$ 223.67
Garrett Park ES Modernization	6/2/2010	89,422	\$ 17,462,400	\$ 195.28
		239,714	\$ 52,715,844	\$ 219.91
<b>FY 2012</b>				
Gaithersburg HS Modernization	4/13/2011	376,714	\$ 93,402,140	\$ 247.94
Hoover MS Modernization	5/3/2011	165,367	\$ 38,850,189	\$ 234.93
Beverly Farms ES Modernization	6/9/2011	97,965	\$ 23,087,698	\$ 235.67
Weller Road ES Modernization	9/13/2011	100,895	\$ 22,478,464	\$ 222.79
Glenallan ES Modernization	11/3/2011	98,700	\$ 22,367,313	\$ 226.62
Georgian Forest ES Addition	11/22/2011	31,119	\$ 8,198,000	\$ 263.44
Wyngate ES Addition	12/15/2011	30,450	\$ 7,419,500	\$ 243.66
Bidding for FY 12 has not yet been completed				

<b>MCPS Total Reductions in the CIP</b>		
<b>Year</b>	<b>Project</b>	<b>Decrease</b>
FY 2010	East Silver Spring ES Addition (reduced in FY '11 CIP request)	\$ 500,000
	Fox Chapel ES Addition (reduced in FY '11 CIP request)	\$ 5,126,000
	Harmony Hills ES Addition (reduced in FY '11 CIP request)	\$ 2,100,000
	Jackson Road ES Addition (reduced in FY '11 CIP request)	\$ 1,845,000
	Montgomery Knolls ES Addition (reduced in FY '11 CIP request)	\$ 258,000
	Rock View ES Addition (reduced in FY '11 CIP request)	\$ 735,000
	Sherwood ES Addition (reduced in FY '11 CIP request)	\$ 2,500,000
	Takoma Park ES Addition (reduced in FY '11 CIP request)	\$ 4,000,000
	Whetstone ES Addition (reduced in FY '11 CIP request)	\$ 1,293,000
FY 2011	Cabin John MS Mod (reduction during reconciliation)	\$ 5,500,000
FY 2012	Brookhaven ES Addition (April 2011 Transfer)	\$ 2,100,000
	Harmony Hills ES Addition (April 2011 Transfer)	\$ 1,800,000
	Jackson Road ES Addition (April 2011 Transfer)	\$ 2,400,000
	Montgomery Knolls ES Addition (April 2011 Transfer)	\$ 2,500,000
	Rock View ES Addition (April 2011 Transfer)	\$ 1,900,000
FY 2012	Seven Locks ES Modernization	\$ 3,500,000
	RROCS (DCCES #29 - McKenney Hills)	\$ 4,500,000
FY 2013	Beverly Farms ES Mod (Reduced in FY '13 CIP request)	\$ 2,500,000
	Gaithersburg HS Mod (Reduced in FY '13 CIP request)	\$10,000,000
	Hoover MS Mod (Reduced in FY '13 CIP request)	\$ 3,000,000
	Paint Branch HS Mod (Reduced in FY '13 CIP request)	\$ 300,000
	Glenallan ES Mod (Reduced in FY '13 CIP request)	\$ 2,500,000
	<b>Total Reduction</b>	<b>\$60,857,000</b>

<b>B-CC Cluster Elementary School Capacity Review</b>								
	<b>FY13</b>	<b>FY14</b>	<b>FY15</b>	<b>FY16</b>	<b>FY17</b>	<b>FY18</b>	<b>2021</b>	<b>2026</b>
Approved Cluster Capacity	2,639	2,914	2,914	2,914	2,914	2,914	2,914	2,914
Enrollment	3,751	3,721	3,668	3,708	3,725	3,501	3,600	3,600
Space Available (deficit)	(1,112)	(807)	(754)	(794)	(811)	(587)	(686)	(686)
<b>Utilization</b>	<b>142.1%</b>	<b>127.7%</b>	<b>125.9%</b>	<b>127.2%</b>	<b>127.8%</b>	<b>120.1%</b>	<b>123.5%</b>	<b>123.5%</b>
Add Bethesda ES Addition (seat deficit w/o addition in FY18 = 151)				184	184	184	184	184
Add North Chevy Chase ES Addition (seat deficit w/o addition in FY18 = 110)				138	138	138	138	138
Add Rock Creek Forest Mod (seat deficit w/o mod in FY18 = 363)			435	435	435	435	435	435
Add Rosemary Hills ES Addition (seat deficit w/o addition in FY18 = 95)				139	139	139	139	139
<b>Space Available (deficit) after additions</b>	<b>(1,112)</b>	<b>(807)</b>	<b>(319)</b>	<b>102</b>	<b>85</b>	<b>309</b>	<b>210</b>	<b>210</b>
<b>Utilization after additions</b>	<b>142.1%</b>	<b>127.7%</b>	<b>109.5%</b>	<b>97.3%</b>	<b>97.8%</b>	<b>91.9%</b>	<b>94.5%</b>	<b>94.5%</b>

Comment: Westbrook ES Addition to open in August 2013. With all of the requested additions, the cluster drops below 100% in FY16. MCPS is looking at a number of boundary changes to balance enrollment throughout the cluster and to move 6th graders from Chevy Chase ES and North Chevy Chase ES to Westland MS or the new middle school when it opens. The Rock Creek Forest modernization will provide a substantial capacity boost upon its completion in January 2015. The other additions are all assumed to come on-line in August 2015. While all of these schools are substantially overcrowded, if funding is not available, the projects could be deferred without causing the cluster to go into moratorium. Relocatable classrooms could continue to be used at these schools.

**Council Staff Recommendation: B-CC ES capacity projects are needed, but deferral of one or more addition projects can be considered if required to meet SAG funding levels.**

<b>B-CC Cluster Middle School Capacity Review</b>								
	<b>FY13</b>	<b>FY14</b>	<b>FY15</b>	<b>FY16</b>	<b>FY17</b>	<b>FY18</b>	<b>2021</b>	<b>2026</b>
Approved Cluster Capacity	1,063	1,063	1,063	1,063	1,063	1,063	1,063	1,063
Enrollment	1,232	1,298	1,401	1,409	1,422	1,608	1,600	1,600
Space Available (deficit)	(169)	(235)	(338)	(346)	(359)	(545)	(537)	(537)
<b>Utilization</b>	<b>115.9%</b>	<b>122.1%</b>	<b>131.8%</b>	<b>132.5%</b>	<b>133.8%</b>	<b>151.3%</b>	<b>150.5%</b>	<b>150.5%</b>
Add Bethesda-Chevy Chase MS #2						944	944	944
<b>Space Available (deficit) after additions</b>	<b>(169)</b>	<b>(235)</b>	<b>(338)</b>	<b>(346)</b>	<b>(359)</b>	<b>399</b>	<b>407</b>	<b>407</b>
<b>Utilization after additions</b>	<b>115.9%</b>	<b>122.1%</b>	<b>131.8%</b>	<b>132.5%</b>	<b>133.8%</b>	<b>80.1%</b>	<b>79.7%</b>	<b>79.7%</b>

Comment: The seat deficit is expected to be 545 students by FY18. A new middle school will avoid severe overcrowding at Westland MS. A site selection process is underway. Some facility planning work has been completed related to the Rock Creek Hills site that was selected during the first site selection process. However, if a new site is selected, the project schedule can accommodate additional facility planning work for a new site. **Council Staff Recommendation: PROJECT SHOULD NOT BE DEFERRED**

<b>Churchill Cluster Elementary School Capacity Review</b>								
	<b>FY13</b>	<b>FY14</b>	<b>FY15</b>	<b>FY16</b>	<b>FY17</b>	<b>FY18</b>	<b>2021</b>	<b>2026</b>
Approved Cluster Capacity	2,761	2,761	2,761	2,761	2,761	2,761	2,761	2,761
Enrollment	2,562	2,579	2,607	2,622	2,629	2,650	2,700	2,700
Space Available (deficit)	199	182	154	139	132	111	61	61
<b>Utilization</b>	<b>92.8%</b>	<b>93.4%</b>	<b>94.4%</b>	<b>95.0%</b>	<b>95.2%</b>	<b>96.0%</b>	<b>97.8%</b>	<b>97.8%</b>
Add Potomac ES Mod						126	126	126
Add Wayside ES Mod (no space added)						-	-	-
<b>Space Available (deficit) after additions</b>	<b>199</b>	<b>182</b>	<b>154</b>	<b>139</b>	<b>132</b>	<b>237</b>	<b>187</b>	<b>187</b>
<b>Utilization after additions</b>	<b>92.8%</b>	<b>93.4%</b>	<b>94.4%</b>	<b>95.0%</b>	<b>95.2%</b>	<b>91.8%</b>	<b>93.5%</b>	<b>93.5%</b>

Comment: Cluster utilization is in good shape. Beverly Farms ES mod to open in January 2013. The two wo other modernizations in the six-year period add some additional space.

**Council Staff Recommendation: Consider these projects in the context of the Committee's review of the full modernization schedule.**

<b>Clarksburg High School Addition Capacity Review</b>								
	<b>FY13</b>	<b>FY14</b>	<b>FY15</b>	<b>FY16</b>	<b>FY17</b>	<b>FY18</b>	<b>2021</b>	<b>2026</b>
Approved Cluster Capacity	1,566	1,566	1,566	1,566	1,566	1,566	1,566	1,566
Enrollment	1,916	1,970	1,950	1,843	1,885	1,933	2,100	2,400
Space Available (deficit)	(350)	(404)	(384)	(277)	(319)	(367)	(534)	(834)
<b>Utilization</b>	<b>122.3%</b>	<b>125.8%</b>	<b>124.5%</b>	<b>117.7%</b>	<b>120.4%</b>	<b>123.4%</b>	<b>134.1%</b>	<b>153.3%</b>
Add Clarksburg HS Addition					405	405	405	405
<b>Space Available (deficit) after additions</b>	<b>(350)</b>	<b>(404)</b>	<b>(384)</b>	<b>(277)</b>	<b>86</b>	<b>38</b>	<b>(129)</b>	<b>(429)</b>
<b>Utilization after additions</b>	<b>122.3%</b>	<b>125.8%</b>	<b>124.5%</b>	<b>117.7%</b>	<b>95.6%</b>	<b>98.1%</b>	<b>106.5%</b>	<b>121.8%</b>

Comment: High School addition is needed to avoid moratorium. The project could be delayed one year and still avoid a moratorium.

**Council Staff Recommendation: High School addition is critically needed, but a deferral of one year is possible if required to meet SAG requirements.**

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Clarksburg/Damascus Middle School Capacity Review								
	FY13	FY14	FY15	FY16	FY17	FY18	2021	2026
Approved Cluster Capacity	1,393	1,393	1,393	1,393	1,393	1,393	1,393	1,393
Enrollment	1,392	1,440	1,501	1,691	1,764	1,871	2,100	2,400
Space Available (deficit)	1	(47)	(108)	(299)	(371)	(478)	(708)	(1,008)
<b>Utilization</b>	<b>99.9%</b>	<b>103.4%</b>	<b>107.8%</b>	<b>121.4%</b>	<b>126.6%</b>	<b>134.3%</b>	<b>150.8%</b>	<b>172.4%</b>
Add Clarksburg/Damascus MS					988	988	988	988
<b>Space Available (deficit) after additions</b>	<b>1</b>	<b>(47)</b>	<b>(108)</b>	<b>(299)</b>	<b>617</b>	<b>510</b>	<b>281</b>	<b>(20)</b>
<b>Utilization after additions</b>	<b>99.9%</b>	<b>103.4%</b>	<b>107.8%</b>	<b>121.4%</b>	<b>74.1%</b>	<b>78.6%</b>	<b>88.2%</b>	<b>100.8%</b>

Comment: The new Middle School is required due to severe projected overutilization. The project could be delayed one year and still avoid a moratorium..

**Council Staff Recommendation: The new Middle School is critically needed, but a deferral of one year is possible if required to meet SAG requirements.**

Clarksburg Cluster Elementary School Capacity Review								
	FY13	FY14	FY15	FY16	FY17	FY18	2021	2026
Approved Cluster Capacity	3,131	3,131	3,131	3,131	3,131	3,131	3,131	3,131
Enrollment	3,468	3,601	3,715	3,737	3,813	4,029	4,400	4,900
Space Available (deficit)	(337)	(470)	(584)	(606)	(682)	(898)	(1,269)	(1,769)
<b>Utilization</b>	<b>110.8%</b>	<b>115.0%</b>	<b>118.7%</b>	<b>119.4%</b>	<b>121.8%</b>	<b>128.7%</b>	<b>140.5%</b>	<b>156.5%</b>
Clarksburg Cluster ES			740	740	740	740	740	740
<b>Space Available (deficit) after additions</b>	<b>(337)</b>	<b>(470)</b>	<b>156</b>	<b>134</b>	<b>58</b>	<b>(158)</b>	<b>(529)</b>	<b>(1,029)</b>
<b>Utilization after additions</b>	<b>110.8%</b>	<b>115.0%</b>	<b>96.0%</b>	<b>96.5%</b>	<b>98.5%</b>	<b>104.1%</b>	<b>113.7%</b>	<b>126.6%</b>

Comment: One new school recommended in the six-year period to address projected severe overcrowding (especially at Little Bennett Elementary School). When opened, the cluster capacity will drop close to 100%. Further growth is expected beyond six-years and a school addition at Capt. James E. Daly ES is in Facility Planning.

**Council Staff Recommendation: New ES is critically needed, but a deferral of one or more years is possible if required to meet SAG requirements.**

Downcounty Consortium (Northwood Area) Elementary School Capacity Review								
	FY13	FY14	FY15	FY16	FY17	FY18	2021	2026
Approved Cluster Capacity (Northwood Area Only)	2,992	2,992	2,992	2,992	2,992	2,992	2,992	2,992
Enrollment (Northwood Area Only)	3,429	3,501	3,518	3,548	3,524	3,464		
Space Available (deficit)	(437)	(509)	(526)	(556)	(532)	(472)	2,992	2,992
<b>Utilization</b>	<b>114.6%</b>	<b>117.0%</b>	<b>117.6%</b>	<b>118.6%</b>	<b>117.8%</b>	<b>115.8%</b>	<b>0.0%</b>	<b>0.0%</b>
Arcola ES Addition (seat deficit w/o addition in FY18 = 216)				138	138	138	138	138
Highland View ES Addition (seat deficit w/o addition in FY18 = 125)						246	246	246
<b>Space Available (deficit) after additions</b>	<b>(437)</b>	<b>(509)</b>	<b>(526)</b>	<b>(418)</b>	<b>(394)</b>	<b>(88)</b>	<b>3,376</b>	<b>3,376</b>
<b>Utilization after additions</b>	<b>114.6%</b>	<b>117.0%</b>	<b>117.6%</b>	<b>113.4%</b>	<b>112.6%</b>	<b>110.7%</b>	<b>0.0%</b>	<b>0.0%</b>

Comment: Overutilization is high (although slightly below moratorium levels) and enrollment in the Consortium is expected to grow substantially over the next 15 years. These two addition projects would bring the area's utilization down to a more manageable level and address overcrowding currently at the two schools.

**Council Staff Recommendation: Both addition projects are needed, but a deferral of one or more years is possible if required to meet SAG requirements. With or without the additions, the area will still be subject to a school impact tax for development.**

Walter Johnson Cluster Elementary School Capacity Review								
	FY13	FY14	FY15	FY16	FY17	FY18	2021	2026
Approved Cluster Capacity	3,414	3,726	3,726	3,726	3,726	3,726	3,726	3,726
Enrollment	3,968	4,113	4,139	4,165	4,119	4,089	4,200	4,200
Space Available (deficit)	(554)	(387)	(413)	(439)	(393)	(363)	(474)	(474)
<b>Utilization</b>	<b>116.2%</b>	<b>110.4%</b>	<b>111.1%</b>	<b>111.8%</b>	<b>110.5%</b>	<b>109.7%</b>	<b>112.7%</b>	<b>112.7%</b>
Luxmanor ES Mod (seat deficit w/o addition in FY18 = 158)						220	220	220
<b>Space Available (deficit) after additions</b>	<b>(554)</b>	<b>(387)</b>	<b>(413)</b>	<b>(439)</b>	<b>(393)</b>	<b>(143)</b>	<b>(254)</b>	<b>(254)</b>
<b>Utilization after additions</b>	<b>116.2%</b>	<b>110.4%</b>	<b>111.1%</b>	<b>111.8%</b>	<b>110.5%</b>	<b>103.6%</b>	<b>106.4%</b>	<b>106.4%</b>

Comment: Wyngate ES Addition under construction. The planned Luxmanor ES modernization will further improve the utilization rate and drop it below the school impact tax zone (105% to 120%).

**Council Staff Recommendation: Consider this project in the context of the Committee's review of the full modernization schedule.**

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**Magruder Cluster Elementary School Capacity Review**

	FY13	FY14	FY15	FY16	FY17	FY18	2021	2026
Approved Cluster Capacity	2,478	2,478	2,478	2,478	2,478	2,478	2,478	2,478
Enrollment	2,624	2,674	2,696	2,727	2,698	2,683	2,700	2,700
Space Available (deficit)	(146)	(196)	(218)	(249)	(220)	(205)	(222)	(222)
<b>Utilization</b>	<b>105.9%</b>	<b>107.9%</b>	<b>108.8%</b>	<b>110.0%</b>	<b>108.9%</b>	<b>108.3%</b>	<b>109.0%</b>	<b>109.0%</b>

Candlewood ES Mod				68	68	68	68	68
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Space Available (deficit) after additions	(146)	(196)	(218)	(181)	(152)	(137)	(154)	(154)
<b>Utilization after additions</b>	<b>105.9%</b>	<b>107.9%</b>	<b>108.8%</b>	<b>107.1%</b>	<b>106.0%</b>	<b>105.4%</b>	<b>106.0%</b>	<b>106.0%</b>

Comment: The planned modernization provides some additional capacity. Utilization will still exceed 100% and grow further beyond the six-year period. Facility planning for an addition at Resnik ES is ongoing.

**Council Staff Recommendation:** Consider the project in the context of the Committee's review of the full modernization schedule.

**Richard Montgomery Cluster Middle School Capacity Review**

	FY13	FY14	FY15	FY16	FY17	FY18	2021	2026
Approved Cluster Capacity	986	986	986	986	986	986	986	986
Enrollment	1,137	1,202	1,234	1,284	1,313	1,331	1,400	1,400
Space Available (deficit)	(151)	(216)	(248)	(298)	(327)	(345)	(414)	(414)
<b>Utilization</b>	<b>115.3%</b>	<b>121.9%</b>	<b>125.2%</b>	<b>130.2%</b>	<b>133.2%</b>	<b>135.0%</b>	<b>142.0%</b>	<b>142.0%</b>

Julius West MS Addition						458	458	458
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Space Available (deficit) after additions	(151)	(216)	(248)	(298)	(327)	113	44	44
<b>Utilization after additions</b>	<b>115.3%</b>	<b>121.9%</b>	<b>125.2%</b>	<b>130.2%</b>	<b>133.2%</b>	<b>92.2%</b>	<b>97.0%</b>	<b>97.0%</b>

Comment: The addition would keep utilization from reaching 135% (moratorium) in FY18 and even higher in later years.

**Council Staff Recommendation:** Severe overutilization makes this project a high priority on the requested schedule. It is already scheduled for the end of the CIP period, so deferral is not an option without triggering the County's moratorium.

**Richard Montgomery Elementary School Capacity Review**

	FY13	FY14	FY15	FY16	FY17	FY18	2021	2026
Approved Cluster Capacity	2,238	2,238	2,238	2,238	2,238	2,238	2,238	2,238
Enrollment	2,758	2,783	2,794	2,780	2,756	2,745	2,800	2,800
Space Available (deficit)	(520)	(545)	(556)	(542)	(518)	(507)	(562)	(562)
<b>Utilization</b>	<b>123.2%</b>	<b>124.4%</b>	<b>124.8%</b>	<b>124.2%</b>	<b>123.1%</b>	<b>122.7%</b>	<b>125.1%</b>	<b>125.1%</b>

RM Cluster ES #5 (Hungerford Park)				740	740	740	740	740
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Space Available (deficit) after additions	(520)	(545)	(556)	198	222	233	178	178
<b>Utilization after additions</b>	<b>123.2%</b>	<b>124.4%</b>	<b>124.8%</b>	<b>93.4%</b>	<b>92.5%</b>	<b>92.2%</b>	<b>94.0%</b>	<b>94.0%</b>

Comment: The new school prevents the cluster utilization from exceeding 120% and going into moratorium. The CE recommended delaying the project two years for fiscal reasons in the CIP and also to avoid the need to house the current Hungerford Park occupants in leased space until they can be moved to the renovated Broome facility.

**Council Staff Recommendation:** Severe overutilization makes this project a high priority on the requested schedule. Deferral one or two years is possible while still avoiding the County's moratorium, but the City of Rockville's moratorium would remain.

**Northwest Cluster Elementary School Capacity Review**

	FY13	FY14	FY15	FY16	FY17	FY18	2021	2026
Approved Cluster Capacity	3,378	3,569	3,569	3,569	3,569	3,569	3,569	3,569
Enrollment	4,297	4,334	4,300	4,266	4,261	4,249	4,300	4,300
Space Available (deficit)	(919)	(765)	(731)	(697)	(692)	(680)	(731)	(731)
<b>Utilization</b>	<b>127.2%</b>	<b>121.4%</b>	<b>120.5%</b>	<b>119.5%</b>	<b>119.4%</b>	<b>119.1%</b>	<b>120.5%</b>	<b>120.5%</b>

Northwest ES #8						740	740	740
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Space Available (deficit) after additions	(919)	(765)	(731)	(697)	(692)	60	9	9
<b>Utilization after additions</b>	<b>127.2%</b>	<b>121.4%</b>	<b>120.5%</b>	<b>119.5%</b>	<b>119.4%</b>	<b>98.6%</b>	<b>99.8%</b>	<b>99.8%</b>

Comment: Darnestown ES Addition under construction. New school will bring cluster utilization down from nearly 120% to about 100%.

**Council Staff Recommendation:** Severe overutilization makes this project a high priority on the requested schedule. It is already scheduled for the end of the CIP period, so deferral could risk a future moratorium if enrollment exceeds current projections

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Quince Orchard Cluster Elementary School Capacity Review								
	FY13	FY14	FY15	FY16	FY17	FY18	2021	2026
Approved Cluster Capacity	2,543	2,543	2,543	2,543	2,543	2,543	2,543	2,543
Enrollment	3,026	3,059	3,062	3,064	3,046	3,035	3,100	3,100
Space Available (deficit)	(483)	(516)	(519)	(521)	(503)	(492)	(557)	(557)
Utilization	119.0%	120.3%	120.4%	120.5%	119.8%	119.3%	121.9%	121.9%
Brown Station ES Mod (seat deficit w/o mod in FY18 = 207)					244	244	244	244
Space Available (deficit) after additions	(483)	(516)	(519)	(521)	(259)	(248)	(313)	(313)
Utilization after additions	119.0%	120.3%	120.4%	120.5%	109.3%	108.9%	111.2%	111.2%

Comment: The modernization keeps the utilization below almost 120%. Other capacity solutions may need to be developed in the near future.

**Council Staff Recommendation:** Consider the project in the context of the Committee's review of the full modernization schedule.

Richard Montgomery Cluster Middle School Capacity Review								
	FY13	FY14	FY15	FY16	FY17	FY18	2021	2026
Approved Cluster Capacity	986	986	986	986	986	986	986	986
Enrollment	1,137	1,202	1,234	1,284	1,313	1,331	1,400	1,400
Space Available (deficit)	(151)	(216)	(248)	(298)	(327)	(345)	(414)	(414)
Utilization	115.3%	121.9%	125.2%	130.2%	133.2%	135.0%	142.0%	142.0%
Julius West MS Addition						458	458	458
Space Available (deficit) after additions	(151)	(216)	(248)	(298)	(327)	113	44	44
Utilization after additions	115.3%	121.9%	125.2%	130.2%	133.2%	92.2%	97.0%	97.0%

Comment: The addition would keep utilization from reaching 135% (moratorium) in FY18 and even higher in later years.

**Council Staff Recommendation:** Severe overutilization makes this project a high priority on the requested schedule. It is already scheduled for the end of the CIP period, so deferral is not an option without triggering the County's moratorium.

Rockville Cluster Elementary School Capacity Review								
	FY13	FY14	FY15	FY16	FY17	FY18	2021	2026
Approved Cluster Capacity	2,133	2,133	2,133	2,133	2,133	2,133	2,133	2,133
Enrollment	2,600	2,629	2,640	2,654	2,632	2,609	2,650	2,650
Space Available (deficit)	(467)	(496)	(507)	(521)	(499)	(476)	(517)	(517)
Utilization	121.9%	123.3%	123.8%	124.4%	123.4%	122.3%	124.2%	124.2%
Maryvale ES Mod (seat deficit w/o mod in FY18 = 62)						170	170	170
Space Available (deficit) after additions	(467)	(496)	(507)	(521)	(499)	(306)	(347)	(347)
Utilization after additions	121.9%	123.3%	123.8%	124.4%	123.4%	113.3%	115.1%	115.1%

Comment: The modernization keeps the utilization below 120%. Planning for additions at Barnsley ES and Meadow Hall ES also in 6-year period.

**Council Staff Recommendation:** Consider the project in the context of the Committee's review of the full modernization schedule.

Seneca Valley Cluster Elementary School Capacity Review								
	FY13	FY14	FY15	FY16	FY17	FY18	2021	2026
Approved Cluster Capacity	1,897	1,897	1,897	1,897	1,897	1,897	1,897	1,897
Enrollment	2,332	2,386	2,428	2,451	2,445	2,401	2,500	2,500
Space Available (deficit)	(435)	(489)	(531)	(554)	(548)	(504)	(603)	(603)
Utilization	122.9%	125.8%	128.0%	129.2%	128.9%	126.6%	131.8%	131.8%
Waters Landing ES Addition (seat deficit w/o addition in FY18 = 209)			248	248	248	248	248	248
Space Available (deficit) after additions	(435)	(489)	(283)	(306)	(300)	(256)	(355)	(355)
Utilization after additions	122.9%	125.8%	113.2%	114.3%	114.0%	111.9%	116.6%	116.6%

Comment: The addition keeps the utilization below 120%. Planning for an addition at McAuliffe ES ongoing.

**Council Staff Recommendation:** Severe overutilization makes this project a high priority on the requested schedule. Deferral one or more years could be done while still keeping the cluster out of moratorium.

**Whitman Cluster Elementary School Capacity Review**

	<b>FY13</b>	<b>FY14</b>	<b>FY15</b>	<b>FY16</b>	<b>FY17</b>	<b>FY18</b>	<b>2021</b>	<b>2026</b>
Approved Cluster Capacity	2,080	2,376	2,376	2,376	2,376	2,376	2,376	2,376
Enrollment	2,504	2,563	2,575	2,550	2,552	2,554	2,600	2,600
Space Available (deficit)	(424)	(187)	(199)	(174)	(176)	(178)	(224)	(224)
<b>Utilization</b>	<b>120.4%</b>	<b>107.9%</b>	<b>108.4%</b>	<b>107.3%</b>	<b>107.4%</b>	<b>107.5%</b>	<b>109.4%</b>	<b>109.4%</b>
Wood Acres ES Addition (seat deficit w/o addition in FY18 = 151)					184	184	184	184
<b>Space Available (deficit) after additions</b>	<b>(424)</b>	<b>(187)</b>	<b>(199)</b>	<b>(174)</b>	<b>8</b>	<b>6</b>	<b>(40)</b>	<b>(40)</b>
<b>Utilization after additions</b>	<b>120.4%</b>	<b>107.9%</b>	<b>108.4%</b>	<b>107.3%</b>	<b>99.7%</b>	<b>99.8%</b>	<b>101.6%</b>	<b>101.6%</b>

Comment: Bradley Hills ES Addition under construction now. Wood Acres addition would bring cluster below 100%.

**Council Staff Recommendation: The Wood Acres ES Addition is needed, but deferral should be considered if required to meet SAG funding levels.**