

AGENDA ITEM #9
March 31, 2009

Worksession

MEMORANDUM

March 27, 2009

TO: County Council

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

SUBJECT: **Worksession: MCPS FY10 Capital Budget and Amendments to the FY09-14 Capital Improvements Program (CIP)**

Education Committee Recommendations:

- Recommended approval of some technical expenditure adjustments proposed by the Board of Education for several individual school projects.
- Recommended approval of several Council Staff proposed funding switches from recordation tax and school impact tax revenue to bonds to address projected revenue shortfalls.
- Recommended that the Technology Modernization project be discussed during the review of the MCPS Operating Budget.
- Deferred consideration of the Relocatable Classrooms amendment pending receipt of an expected supplemental appropriation request. *(That request is up for public hearing and action on March 31) Council Staff recommends approval.*
- Recommended that staff work with MCPS and the Department of Environmental Protection to obtain more information regarding the Board's requested County Water Compliance Project. Requested a joint worksession with the Transportation, Infrastructure, Energy, and Environment Committee to further review the request *(meeting held on March 23)*.
- Requested that MCPS provide additional information on the three positions requested in the HVAC project, including alternatives such as using contract funds to initiate the effort in FY10.
- Recommended approval of all capacity project amendments requested by the Board of Education.

On February 23, 2009 the Education Committee discussed MCPS' FY10 Capital Budget and Amendments to the FY09-14 Capital Improvements Program. **This review process represents the "off-year" of the biennial CIP. Except where noted, the items reviewed within this memorandum are for appropriations and amendments effective as of July 1, 2009.**

Also on February 23, the Committee received an update on the status of the artificial turf field at Richard Montgomery High School. The school system reported very positive experience with the field with respect to performance and increased use.

The Committee also received an update on the school system's plans to install an artificial turf field at Walter Johnson High School as part of its modernization. MCPS is developing a public private funding partnership which will come to the Council for review and appropriation authority when plans are finalized.

The following MCPS officials and staff are expected to attend the worksession.

Shirley Brandman, Board of Education President
Patricia O'Neill, Board of Education Vice President
Dr. Jerry Weast, Superintendent of Schools
Larry Bowers, Chief Operating Officer
Joseph Lavorgna, Acting Director of the Department of Facilities Management
James Song, Director of Construction, Department of Facilities Management
Adrienne Karamihas, Facilities Team Leader, Department of Facilities Management

Charles Goldsmith of the Montgomery County Office of Management and Budget is also expected to attend.

SCHEDULE

Below is a schedule of this year's MCPS Capital Budget and amendment process.

- October 29, 2008: Superintendent recommendations went to the Board of Education.
- November 11, 2009: Board of Education transmitted FY09 transfer and special appropriations/amendments for HVAC, PLAR, and Stormwater Discharge Management.
- December 1, 2008: Board of Education FY10 Capital Budget and FY09-14 Amendments transmitted to the County Council and the County Executive.
- January 15, 2009: County Executive transmitted his Capital Budget and Amendment recommendations to the County Council.
- January 27, 2009: Council approves (with changes) the Board of Education's requested FY09 transfer and special appropriations/amendments for HVAC, PLAR, and Stormwater Discharge Management.
- February 10, 2009, 7:30 PM: Council Public Hearing on the FY10 Capital Budget and Amendments to the FY09-14 CIP.
- February 23, 2009: Education Committee Worksession.

- March 23, 2009: Joint Committee Worksession (ED and T&E) to discuss water compliance issues for MCPS and MCPS' requested County Water Compliance project.
- **March 31, 2009: Council Worksession on MCPS' FY10 Capital Budget and Amendments to the FY09-14 CIP.**
- May, 2009: Council Reconciliation of the CIP

PUBLIC HEARING COMMENTS

On February 10, the Council held a public hearing on proposed amendments to the FY09-14 CIP. Board of Education President Shirley Brandman testified (see ©1-4). The Council also heard from Kay Romero, President of the Montgomery County Council of PTAs, from a number of cluster coordinators and specific school PTA representatives, and from a member of the Parents' Coalition of Montgomery County. Gaithersburg City Councilmember Cathy Drzyzgula testified regarding MCPS' capital needs within the City's boundaries.

Many of the speakers spoke in support of the Board of Education request. Others mentioned particular facility problems or capacity concerns which Council Staff will discuss with MCPS staff.

MCCPTA President Romero spoke about the need for the Council and MCPS to work with the MCCPTA to consider ways to address long-range capital needs in a "smarter, faster, and cost effective way."

The Parents' Coalition of Montgomery County representative mentioned the "E-Rate" rebate program that MCPS has participated in since 1998 and the resources these rebates could provide to MCPS' Capital Program. This program was discussed in the context of a separate Education Committee agenda item on February 23 (immediately following the CIP amendment discussion).

CAPITAL BUDGET SUMMARY

In addition to CIP amendments, the Council must approve CIP appropriations in order to implement approved projects within the FY09-14 CIP and any new or changed projects ultimately approved by the Council via the amendment process. With the exception of projects which are the subject of amendments and/or special appropriations, MCPS' proposed FY10 appropriations by project are identical to the FY10 appropriations assumed in the Approved FY09-14 CIP. **Council Staff recommends approval of the requested appropriations which are not otherwise related to pending CIP amendments.**

FISCAL SUMMARY FY09-14 CIP MCPS CIP

The following chart presents the Original Approved FY09-14 CIP for MCPS as of July 1, 2008 along with subsequent amendments requested by the Board of Education.

FY09-14 Original and Latest Approved CIP with Amendments (in \$000's)

	Six-Year	FY09	FY10	FY11	FY12	FY13	FY14
FY09-14 Approved	1,287,775	236,507	204,093	210,708	228,370	193,937	214,160
FY09-14 Amendments Approved 1/27/09	3,525	1,525	2,000	-	-	-	-
FY09-14 BOE Biennial CIP Amendments	15,646	-	(3,500)	8,582	5,985	4,579	-
Total BOE Amended FY09-14 CIP	1,306,946	238,032	202,593	219,290	234,355	198,516	214,160
change from approved	19,171	1,525	(1,500)	8,582	5,985	4,579	-
FY09-14 CE Amended Total	1,306,446	238,032	202,093	219,290	234,355	198,516	214,160
change from approved	18,671	1,525	(2,000)	8,582	5,985	4,579	-
change from Board Request	(500)	-	(500)	-	-	-	-

On January 27, 2009, the Council approved an FY09 special appropriation and amendment package requested by the Board of Education totaling \$3.525 million (funded with bonds and surplus appropriation from other projects).

Prior to this approval, the Board of Education transmitted its annual December 1st recommendations (amendments only during the “off year” review of the Biennial CIP). These amendments, if approved, would take effect July 1.

On January 15, 2009, the County Executive transmitted his recommendations regarding the FY10 Capital Budget and amendments to the FY09-14 CIP. The only change involved MCPS’ County Water Quality Compliance project. MCPS is seeking \$500,000 to do assessment and planning work in FY10 to meet existing permit requirements as well as new National Pollution Discharge Elimination System (NPDES) permit requirements. The Executive recommends deferral of the \$500,000 requested in FY10 pending a more defined scope of work and cost estimates. This project is discussed in more detail later in this memorandum.

Requested Amendments and Capital Budget Actions (in 000s)

(includes BOE Actions Through January 2009)

Project	New Expenditures Requested (in \$000s)							Description
	FY09-14	FY09	FY10	FY11	FY12	FY13	FY14	
Countywide Projects								
1	HVAC Replacement: MCPS	775	775					Amendments approved by the Council on 1/27/09: Urgent AC issues at several schools, Darnestown ES septic system, and storm drainage issues at Watkins Mill HS.
2	Planned Lifecycle Asset Repl: MCPS	1,250	250	1,000				
3	Stormwater Discharge Management: MCPS	1,500	500	1,000				
4	County Water Quality Compliance	500		500				Plan and implement pollution prevention efforts per Fed & State law
5	HVAC Replacement: MCPS	4,400		4,400				additional funding
6	Relocatable Classrooms	1,000		1,000				additional funding to address enrollment growth (current revenue funded)
Individual School Projects								
7	East Silver Spring ES	-	-	(1,500)	1,500			revised expenditure schedules, no scope changes
8	Fox Chapel ES	-	-	(500)	500			
9	Redland MS Site and Admin Mod.	-	-	(500)	500			
10	Sherwood ES Addition	-	-	(1,000)	1,000			
11	Brookhaven ES Addition (Downcounty Consortium)	748		(1,395)	652	1,491		Amendments to increase the the number of classrooms to be included in approved addition projects
12	Fairland ES Addition (Northeast Consortium)	1,339		(1,014)	917	1,436		
13	Harmony Hills ES Addition (Downcounty Consortium)	2,343		(295)	(442)	548	2,532	
14	Jackson Road ES Addition (Northeast Consortium)	906		(1,736)	772	1,870		
15	Montgomery Knolls ES Addition (Downcounty Consortium)	2,537		233	813	(556)	2,047	
16	Rock View ES Addition (Downcounty Consortium)	1,873		(1,693)	2,370	1,196		
Totals		19,171	1,525	(1,500)	8,582	5,985	4,579	-

NOTE: All amendment requests are bond-funded unless otherwise noted.

The total FY09-14 cost for all of the requests is \$19.2 million of which \$3.5 million was approved in late January. The balance of \$15.6 million remains to be reviewed by the Council. The \$19.2 million total represents about 1.5% of the original Approved FY09-14 CIP for MCPS.

Recommendations

A review of each of the substantive amendments is provided later in this memorandum. With regard to the technical changes shown in the above chart:

- **Council Staff recommends approval of the technical expenditure changes proposed by the Board of Education (lines 7 through 10 in the above chart). These changes DO NOT affect the scope or timing of these projects. The Education Committee concurs.**

- In addition to the projects listed in the above chart, MCPS has also made some funding switches within a number of projects. During the Council's "off year" review of the Biennial CIP, the Council uses the Approved CIP as the base from which changes are tracked and final reconciliation decisions are made in May.

Council Staff suggests that funding switches assumed by MCPS (and the Executive) not be adopted by the Council yet. These funding switches can be considered when the Council reconciles the CIP in May. The Education Committee concurs. *NOTE: In the next section of this memorandum, Council Staff recommends some specific funding switches to address shortfalls in schools impact taxes and recordation taxes based on the Council's recent spending affordability actions in early February.*

The Board of Education recommended funding switches in the Technology Modernization project. As mentioned above, Council Staff suggests these switches be considered later during the Council's reconciliation process. However, in addition, because this project involves a large current revenue component (approximately \$19 to \$20 million in annual expenditures divided between current revenue and recordation tax revenue), because of the County's severe operating budget fiscal constraints being faced for FY10, and because possible reductions in automation expenditures should be considered in a multi-agency context, **Council Staff believes this project should be reviewed during the Council's discussion of the MCPS Operating Budget. The Education Committee concurs.**

- Finally, within the Current Replacements/Modernizations "umbrella" project, MCPS has made a number of significant expenditure changes between school modernization subprojects. Council Staff is working with MCPS staff to better understand the nature of these changes. While the bottom-line expenditures for the project are unchanged, Council Staff is concerned that these changes involve substantial dollars and possible subproject scope changes that would qualify as amendments if these subprojects were stand-alone projects. Another concern is that some of the subproject increases are being offset by reductions in other subprojects which may require funding restorations as part of next year's CIP process.

MCPS Staff supports the current "umbrella" project structure because it provides flexibility for MCPS to easily shift resources as needed to address surpluses and shortfalls in various subprojects.

Council Staff believes the Current Replacements/Modernizations project "umbrella" structure should be revisited, especially with regard to the high school modernizations. The high school modernizations now cost in excess of \$100 million each and represent a major share of the MCPS CIP. Many stand-alone MCPS projects, which are subject to individual appropriations, are far smaller than the high school modernization subprojects. Council Staff suggests that the Education Committee explore potential changes to the project structure in advance of the full FY11-16 CIP review next year.

SPENDING AFFORDABILITY

The Council will have to balance FY09-14 expenditures with revenues as part of its final actions on the FY10 Capital Budget and amendments to the FY09-14 CIP in Mid-May. Council Staff recommends that for purposes of the MCPS discussion today, that the issue of how much is available for new expenditures be deferred until reconciliation. Instead, the focus for this meeting will be on the merits of the specific MCPS amendment requests.

One area where the Council will need to make adjustments involves addressing shortfalls in impact tax and recordation tax revenues. On February 3, the Council concurred with new revenue forecasts that assumed revenue shortfalls in FY09 and FY10 for schools impact taxes and recordation taxes as shown in the chart below:

	Projections (in \$000s)		
	Approved	Latest	Shortfall
Schools Impact Tax FY09	17,226	11,000	6,226
Schools Impact Tax FY10	19,243	11,000	8,243
Recordation Tax FY09	25,100	20,000	5,100
Recordation Tax FY10	26,600	20,000	6,600

In order to address the shortfalls noted in the chart, the Council approved an additional \$20 million in bond capacity in both FY09 and FY10. This additional bond capacity can be used to switch funding sources in some approved projects which were originally assumed to utilize schools impacts taxes or recordation taxes in FY09 or FY10 to bonds.

Below is a set of Council Staff-suggested funding switches that would address these shortfalls.

Suggested Funding Switches (in \$000s)		
Replace School Impact Taxes with Bonds	FY09	FY10
Clarksburg/Damascus ES #8	\$6,000	\$4,150
Current Replacements/Modernizations	\$226	\$1,900
Brookhaven ES Addition		\$2,193
Total	\$6,226	\$8,243

Replace Recordation Taxes with Bonds	FY09	FY10
Current Replacements/Modernizations	\$5,100	\$6,590
Total*	\$5,100	\$6,590

* This leaves a small shortfall of \$10k in Recordation Taxes in FY10.

Council Staff recommends approval of these funding switches. The Education Committee concurs.

STATE AID STATUS

Below is the status of the County’s state aid for school construction request as well as the relevant statewide data:

- MCPS FY10 State Aid Request: \$113,888,000 (see ©5)
- State aid assumed in the Approved FY09-14 MCPS CIP for FY10: \$40 million
- Total FY10 statewide requests: \$770,821,867
- Governor’s Statewide Budget Allocation: \$260 million
- Total statewide amount allocated to date by the Interagency Committee on School Construction (IAC): \$234,000,000,000 (90% of the total amount available statewide)
- Amount allocated to date by the IAC for MCPS: \$26,021,000 (as of March 1, 2009)

The State legislature will approve the total amount to be allocated Statewide. The Board of Public Works will approve the specific projects to be funded in each jurisdiction in late April or early May.

COUNTYWIDE PROJECT AMENDMENTS

Relocatable Classrooms (PDF on ©15)

Relocatable Classrooms	6 Years	FY09	FY10	FY11	FY12	FY13	FY14
- FY09-14 Board Request	15,950	3,125	4,125	2,500	2,200	2,000	2,000
- FY09-14 Approved	14,950	3,125	3,125	2,500	2,200	2,000	2,000
change from approved	1,000	-	1,000	-	-	-	-

MCPS is requesting an additional \$1.0 million in current revenue funded expenditures in FY10 in order to accommodate higher than expected enrollment growth. Details of enrollment trends are discussed later in this memorandum as part of the capacity project discussion. For FY10, MCPS estimates it will need to move 47 relocatable classrooms (both bringing new units in and moving existing units) this summer. This is 16 more units than were assumed last year for FY09. Each move costs, on average, about \$75,000.

Council Staff recommends approval of this amendment request. Note: The Education Committee deferred consideration of this request pending receipt of an expected supplemental appropriation from MCPS. This supplemental appropriation request was received on February 27 and introduced on March 17. Public Hearing and action is scheduled for March 31. Council Staff recommends approval of this supplemental appropriation request. This request accelerates the current revenue funded appropriation in order to allow MCPS to move forward with contractual work in the spring so that the relocatable classrooms can be ready in time for the start of the upcoming schoolyear. The acceleration of the appropriation itself does not involve new expenditures.

New Project: County Water Compliance (PDF on ©13)

City Water Quality Compliance	6 Years	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14
- FY09-14 Board Request	500			-	500	-	-	-	-

The Board requested this new project to begin in FY10 with a total of \$500,000. The purpose of this project is to begin assessment and planning to meet certain pollution prevention regulations and reporting requirements not previously required of MCPS. The County Executive did not recommend funding this project, recommending instead “deferring this project until the scope of work and cost estimates are more clearly defined”.

MCPS’ requested PDF and explanation of the new mandate and the anticipated activities for FY10 is attached on ©18-20. The State has determined that MCPS must operate as a co-permittee under the County’s National Pollution Discharge Elimination System (NPDES) permit and that this new status will require separate compliance activities and reporting. At this juncture, MCPS is unsure of the full implications of this change and is working with the County’s Department of Environmental Protection (DEP) to understand and coordinate the agencies’ respective responsibilities. MCPS based its FY10 request on the anticipation of needing funds for two purposes: approximately \$300,000 to implement pollution prevention measures at certain facilities and approximately \$200,000 for planning and assessment.

The Education Committee first reviewed this request on February 23 and requested that Council staff work with MCPS and DEP staff to clarify the requirements of the new co-permittee status and what funds might be necessary to support the work required.

Staff from the Council, MCPS, and DEP met and identified three discrete areas of work that appear to be required for the first phase of the permit. Staff also reached consensus on which agency should take the lead for each part. The primary outstanding issue is that cost estimates are very rough at this time and indicate orders of magnitude only. It does appear, however, that funds are needed in FY10 to begin compliance activities related to compliance both for existing permits, including the General Discharge Permit, and to meet new co-permittee requirements.

The Education and Transportation, Infrastructure, Energy, and Environment (T&E) Committee met on March 23 to review the project and requirements. The Committees requested that the agencies continue to refine cost estimates over the next several weeks and that the Committees individually review cost proposals in the context of MCPS and DEP operating budget discussions.

HVAC Replacement: MCPS (PDF on ©14)

HVAC Replacement: MCPS	6 Years	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14
- FY09-14 Board Request Am	38,000			5,600	10,000	5,600	5,600	5,600	5,600
- FY09-14 Approved	33,600			5,600	5,600	5,600	5,600	5,600	5,600
change from approved	4,400			-	4,400	-	-	-	-

The Board has requested a significant increase in the level of effort for FY10 only for this project, which provides for the replacement of heating, venting, air conditioning, control, and plumbing systems in facilities that are not on the modernization schedule.

The Committee indicated its support for the requested funding increase and the increased level of effort for this project. The Committee expressed concern, however, about the addition of positions and requested that MCPS develop alternatives to staffing that did not require permanent positions. The Committee can revisit this request during operating budget discussions and make a final recommendation on the positions. Given that this is a level of effort project, funds could be adjusted if necessary for reconciliation purposes.

For the FY09-14 CIP, the Council approved the Board’s requested increase in the level of effort to \$5.6 million per year from the previously approved FY07-12 level of \$4 million per year for the six year period. The requested FY10 amount of \$10 million is an increase of \$4.4 million above the approved \$5.6 million level.

On ©18 MCPS explains that the requested increase is necessary to address the backlog of schools and facilities requiring HVAC work. The Council recently approved an FY09 supplemental appropriation to address emergency HVAC repairs at three schools. The requested FY10 increase will support an estimated seven additional projects and three additional positions to carry out the additional work.

MCPS also states that additional funds will be necessary in future years to continue to make progress in this area. MCPS reports that it has made significant progress in assessing its HVAC inventory and will use that information as a basis for future CIP submissions for this project.

CAPACITY PROJECTS

Countywide Enrollment

MCPS’ official enrollment for 2008-09 unexpectedly increased by over 1,500 students from the 2007-08 schoolyear (from 137,745 to 139,276). This change has resulted in MCPS ramping up its outyear enrollment projections as well. The following chart shows the official enrollment for the 2007-08 schoolyear (FY08), and comparisons of last year’s projections for the 2008-09 schoolyear (FY09) with current projections as well as a similar comparison for the 2013-14 schoolyear (FY14).

Enrollment Changes				
	07-08	08-09	Change	13-14
Last Year's Projections	137,745	137,763	18	138,527
Current Projections	137,745	139,276	1,531	143,591
Increase from last year		1,513		5,064

Last year, MCPS projected enrollment of 138,527 for the 2013-14 schoolyear. This year, enrollment for that same year is projected to be 143,591 (an increase of over 5,000 students). More important for CIP purposes is where the enrollment is increasing across the more than 200 schools in the MCPS system. Much of the increases projected are assumed to occur in the elementary school level.

Given the up tick in enrollment, additional relocatable classrooms are likely to be needed until additional capacity can be funded and built. Current relocatable classroom use is detailed on ©16.

Utilization Rates

Since the amendments requested by the Board of Education are all at elementary schools, Council Staff has focused on cluster-wide utilization rates at the elementary school level. The following chart presents this information by cluster in descending order of utilization. These rates take into account all seats programmed in the CIP as well as the additional seats provided from MCPS' amendment requests.

One should keep in mind the following when reviewing utilization rates:

- Class size reduction and all day kindergarten are already factored into the capacity assumptions. These factors affect how many seats to assume for every classroom added. For instance, a standard elementary school classroom provides 23 seats, a kindergarten classroom provides 22 seats, a classroom to be used for a reduced size kindergarten class provides 15 seats, and a classroom for grades 1 and 2 reduced class sizes provides 17 seats.
- Because both consortiums are large (29 and 16 elementary schools in the Downcounty and Northeast Consortiums respectively) the consortium-wide utilization rates may not be as representative of space needs in a particular grouping of schools as they would be in a standard cluster with fewer elementary schools.
- The “space available” and utilization rates at each school assume students are evenly spread across grades and classrooms. However, in reality, MCPS cannot perfectly allocate school space since students may not be evenly distributed by grade and the total number of students in a grade may require an additional teaching station that causes some excess but unusable surplus capacity. These variances by grade may result in more teaching stations being needed at a school than would otherwise be presumed from looking at the utilization rates.

In addition, some elementary schools are paired with another school (one being K-2 and the other 3-5 for instance). In these cases, space issues have to be considered in the context of both schools.

With the above comments in mind, the following chart presents MCPS' projected elementary level utilization rates by cluster for the 2014-2015 schoolyear (FY15).

**FY15 Projected Utilization Rates
by Cluster (based on BOE Request)**

Cluster	Elem. School Utilization
BCC	137.1%
Seneca Valley	120.8%
Northwest	120.1%
Richard Montgomery	119.1%
Rockville	114.9%
Clarksburg	112.6%
Whitman	110.2%
Quince Orchard	107.4%
Walter Johnson	106.0%
Magruder	104.7%
Downcounty Consortium	103.3%
Gaithersburg	98.0%
Northeast Consortium	96.4%
Wootton	94.7%
Damascus	93.4%
Churchill	91.7%
Watkins Mill	91.2%
Sherwood	88.2%
Poolesville	75.7%

Given the high projected utilization rates in various clusters, MCPS is pursuing a number of initiatives that will likely lead to future capacity projects. For instance:

- MCPS plans to do elementary school capacity studies in the B-CC and Seneca Valley clusters during FY10.
- MCPS is currently doing facility planning for additional capacity in the Northwest cluster (an addition at Darnestown Elementary School), the Clarksburg cluster (a new elementary school), and the Richard Montgomery Cluster (Ritchie Park ES).
- The Superintendent’s Recommended Master Plan from last November also notes that facility plans for two Northwest Cluster elementary schools (Great Seneca Creek ES and Matsunaga ES) may be needed in the near future.

Capacity Project Recommendations

The Board of Education is requesting amendments to six approved elementary school addition projects. All of the schools are located in either the Downcounty Consortium or the Northeast Consortium so the capacity issues are reviewed in the context of those two clusters. A review of each amendment request is included following these summary recommendations.

Council Staff recommends approval of each of the six school addition amendment requests:

- **All of the addition projects recommended for amendment involve schools where enrollment projections are up substantially from last year and are expected to remain steady or increase in the future.**
- **Each of the schools has a significant number of relocatable classrooms.**
- **All of the schools are class size reduction schools, making space issues even more challenging.**

While the design delays (from six months to a year depending on the school) resulting from changing these project scopes are unfortunate, the additional classrooms will reduce the need for relocatable classrooms in the future. From a fiscal perspective, the expenditure delays may marginally help with the Council's CIP reconciliation, since these delays free up scarce bond capacity in FY10. However, the amendments add to the bond burden in later years.

The Education Committee concurs with Council Staff's recommendations.

Downcounty Consortium Amendments (Cluster Map on ©21)

As shown in the following chart, MCPS is requesting a total 17 additional classrooms at 4 schools with addition projects already included in the Approved CIP. The total additional cost is \$7.5 million.

Downcounty Consortium School Capacity Amendments								
Project	FY09-14	FY09	FY10	FY11	FY12	FY13	FY14	Description
Brookhaven ES Addition	748		(1,395)	652	1,491			Add 1 classroom to the approved 8 classroom addition. Completion date delayed by one year as a result.
Harmony Hills ES Addition	2,343		(295)	(442)	548	2,532		Add 6 classrooms to the approved 9 classroom addition. Completion date delayed by six months as a result.
Montgomery Knolls ES Addition	2,537		233	813	(556)	2,047		Add 5 classrooms to the approved 10 classroom addition. Completion date delayed by six months (new gym also delayed six months)
Rock View ES Addition	1,873		(1,693)	2,370	1,196			Add 5 classrooms to the approved 8 classroom addition. Completion date delayed by one year as a result.
Totals	\$ 7,501	\$ -	\$(3,150)	\$3,393	\$2,679	\$4,579	\$ -	17 classrooms added

Cluster utilization information is included in the following chart. All new capacity from approved and requested projects is included in the totals.

Downcounty Consortium Elementary School Utilization Rates

	Schoolyear								
	2008-09 FY09	2009-10 FY10	2010-11 FY11	2011-12 FY12	2012-13 FY13	2013-14 FY14	2014-15 FY15	2018	2023
Downcounty Consortium Elementary School Utilization (based on BOE Request)									
- Capacity (seats)	11,910	11,922	12,381	13,396	13,396	14,265	14,335	14,335	14,335
- Enrollment	13,121	13,581	14,079	14,376	14,683	14,797	14,804	15,500	16,000
- Space Available	(1,211)	(1,659)	(1,698)	(980)	(1,287)	(532)	(469)	(1,165)	(1,665)
- Utilization	110.2%	113.9%	113.7%	107.3%	109.6%	103.7%	103.3%	108.1%	111.6%
Downcounty Consortium Capacity-Related Changes assumed in the above capacity calculations									Totals
Bel Pre ES Modernization							70		70
Brookhaven ES Addition				207					207
Downcounty Consortium ES #29						506			506
East Silver Spring ES Addition			187						187
Glenallen ES Modernization						314			314
Harmony Hills ES Addition				339					339
Montgomery Knolls ES Addition				155					155
Rock View ES Addition				314					314
Takoma Park ES Addition			272						272
Weller Road ES Modernization						40			40
Wheaton Woods ES Modernization*			-						-
Miscellaneous		12				9			21
Total changes per year	-	12	459	1,015	-	869	70	-	2,425
*finishes beyond six-years, so no capacity changes assumed at this time									

In total, MCPS has approximately 2400 new seats in the pipeline for the Downcounty Consortium (counting the amendment requests this year). However, the cluster is still expected to remain significantly above 100% utilization. Long-term projections beyond FY15 assume continued increases in enrollment. **Given these trends, non-capital solutions, such as boundary changes, are unlikely to be an option to address specific school capacity issues.**

Brookhaven Elementary School Addition (PDF on ©7)

The Board of Education is requesting adding 1 classroom to the approved 8 room addition project for this school. The project is currently in design and adding the room will extend the design period and delay the completion of the addition project one year (from August 2010 to August 2011).

The following chart presents utilization rates assumed in the Approved FY09-14 CIP and the Board of Education's latest projections (with the additional classroom requested and the project delayed one year as a result).

Brookhaven ES Addition						
	FY10	FY11	FY12	FY13	FY14	FY15
Approved FY09-14 CIP						
1 Capacity (with 8 room addition)	278	462	462	462	462	
2 Enrollment	406	407	409	412	416	
3 Space Available (deficit)	(128)	55	53	50	46	
4 Utilization	146.0%	88.1%	88.5%	89.2%	90.0%	
BOE Request						
5 Capacity (with 9 room addition)	271	271	478	478	478	478
6 Enrollment	420	424	438	446	446	450
7 enrollment change from last year	14	17	29	34	30	
8 Space Available (deficit)	(149)	(153)	40	32	32	28
9 Utilization (based on BOE Request)	155.0%	156.5%	91.6%	93.3%	93.3%	94.1%
10 Utilization (without the amendment)	155.0%	91.8%	94.8%	96.5%	96.5%	97.4%
	FY09-14	FY09	FY10	FY11	FY12	
11 Approved Expenditures	\$ 7,171	\$ 391	\$ 3,798	\$ 2,982		
12 Requested Expenditures	\$ 7,919	\$ 391	\$ 2,403	\$ 3,634	\$ 1,491	
13 change	\$ 748	\$ -	\$ (1,395)	\$ 652	\$ 1,491	

The chart shows that capacity is down slightly from last year due to room reassignments. Enrollment is projected to increase by about 30 students by the end of the six-year period. However, utilization without the addition would still be below 100%.

The school is currently using 12 relocatable classrooms (11 related to utilization). This may be a more accurate indicator of current capacity needs than the straight utilization calculation. Also, this school (as with all of the other capacity amendment projects) is a class size reduction school.

Harmony Hills Elementary School Addition (PDF on ©9)

The Board of Education is requesting adding 6 classrooms to the approved 9 room addition project for this school. The project is currently in design and adding the room will extend the design period and delay the completion of the addition project six months (from August 2011 to January 2012).

Harmony Hills ES Addition						
	FY10	FY11	FY12	FY13	FY14	FY15
Approved FY09-14 CIP						
1 Capacity (with 9 room addition)	328	328	481	481	481	
2 Enrollment	498	490	505	514	516	
3 Space Available (deficit)	(170)	(162)	(24)	(33)	(35)	
4 Utilization	151.8%	149.4%	105.0%	106.9%	107.3%	
BOE Request						
5 Capacity (with 15 room addition)	326	326	665	665	665	665
6 Enrollment	541	574	592	587	577	573
7 enrollment change from last year	43	84	87	73	61	
8 Space Available (deficit)	(215)	(248)	73	78	88	92
9 Utilization (based on BOE Request)	166.0%	176.1%	89.0%	88.3%	86.8%	86.2%
10 Utilization (without the amendment)	166.0%	175.0%	123.1%	122.0%	120.0%	119.1%
	FY09-14	FY09	FY10	FY11	FY12	FY13
11 Approved Expenditures	\$ 7,506	\$ 270	\$ 1,795	\$ 2,909	\$ 2,532	
12 Requested Expenditures	\$ 9,849	\$ 270	\$ 1,500	\$ 2,467	\$ 3,080	2,532
13 change	\$ 2,343	\$ -	\$ (295)	\$ (442)	\$ 548	

The chart shows that current enrollment projections are up substantially from last year and utilization rates without the additional 6 classrooms will grow to 120% within the current CIP period. The school is currently using 8 relocatable classrooms (all related to utilization).

Montgomery Knolls Elementary School Addition (PDF on ©11)

The Board of Education is requesting adding 5 classrooms to the approved 10 room addition project for this school. Montgomery Knolls is a K-2 school (paired with Pine Crest ES). The project is currently in design and adding the room will extend the design period and delay the completion of the addition project six months (from August 2011 to January 2012).

Montgomery Knolls ES Addition		FY10	FY11	FY12	FY13	FY14	FY15
Approved FY09-14 CIP							
1	Capacity (with 10 room addition)*	273	273	443	443	443	
2	Enrollment	410	408	411	414	419	
3	Space Available (deficit)	(137)	(135)	32	29	24	
4	Utilization	150.2%	149.5%	92.8%	93.5%	94.6%	
BOE Request							
5	Capacity (with 15 room addition)	273	273	528	528	528	528
6	Enrollment	467	475	467	465	467	469
7	enrollment change from last year	57	67	56	51	48	
8	Space Available (deficit)	(194)	(202)	61	63	61	59
9	Utilization (based on BOE Request)	171.1%	174.0%	88.4%	88.1%	88.4%	88.8%
10	Utilization (without the amendment)	171.1%	174.0%	105.4%	105.0%	105.4%	105.9%
		FY09-14	FY09	FY10	FY11	FY12	FY13
11	Approved Expenditures	\$ 8,974	\$ 316	\$ 2,120	\$ 3,491	\$ 3,047	
12	Requested Expenditures	\$ 11,511	\$ 316	\$ 2,353	\$ 4,304	\$ 2,491	2,047
13	change	\$ 2,537	\$ -	\$ 233	\$ 813	\$ (556)	

As with the other schools in this cluster, the chart shows that current enrollment projections are up substantially from last year and utilization rates without the additional 5 classrooms will remain above 100% during the current CIP period. The school is currently using 9 relocatable classrooms (all related to utilization).

Rock View Elementary School Addition (PDF on ©12)

The Board of Education is requesting adding 5 classrooms to the approved 8 room addition project for this school. The project is currently in design and adding the room will extend the design period and delay the completion of the addition project one year (from August 2010 to August 2011).

Rock View Elementary School Addition						
	FY10	FY11	FY12	FY13	FY14	FY15
Approved FY09-14 CIP						
1 Capacity (with 8 room addition)	361	545	545	545	545	
2 Enrollment	521	526	528	529	527	
3 Space Available (deficit)	(160)	19	17	16	18	
4 Utilization	144.3%	96.5%	96.9%	97.1%	96.7%	
BOE Request						
5 Capacity (with 13 room addition)	347	347	661	661	661	661
6 Enrollment	563	584	593	602	612	608
7 enrollment change from last year	42	58	65	73	85	
8 Space Available (deficit)	(216)	(237)	68	59	49	53
9 Utilization (based on BOE Request)	162.2%	168.3%	89.7%	91.1%	92.6%	92.0%
10 Utilization (without the amendment)	162.2%	107.2%	108.8%	110.5%	112.3%	111.6%
	FY09-14	FY09	FY10	FY11	FY12	FY13
11 Approved Expenditures	\$ 8,974	\$ 316	\$ 2,120	\$ 3,491	\$ 3,047	
12 Requested Expenditures	\$ 11,511	\$ 316	\$ 2,353	\$ 4,304	\$ 2,491	2,047
13 change	\$ 2,537	\$ -	\$ 233	\$ 813	\$ (556)	

The chart shows that current enrollment projections are up substantially from last year and utilization rates without the additional 5 classrooms would be substantially over 100% within the current CIP period. The school is currently using 8 relocatable classrooms (all related to utilization).

Northeast Consortium Amendments (Cluster Map on ©22)

As shown in the following chart, MCPS is requesting a total 7 additional classrooms at 2 schools with addition projects already included in the Approved CIP. The total additional cost is \$2.2 million.

Northeast Consortium School Capacity Amendments								
Project	FY09-14	FY09	FY10	FY11	FY12	FY13	FY14	Description
Fairland ES Addition	1,339		(1,014)	917	1,436			Add 4 classrooms to the approved 9 classroom addition. Completion date delayed by one year as a result.
Jackson Road ES Addition	906		(1,736)	772	1,870			Add 3 classrooms to the approved 11 classroom addition. Completion date delayed by one year as a result.
Totals	2,245	-	(2,750)	1,689	3,306	-	-	An additional 7 classrooms added

Cluster utilization information is included in the following chart. All new capacity from approved and requested projects is included in the totals.

Northeast Consortium Elementary School Utilization Rates

	Schoolyear									
	2008-09	2009-10	2010-11	20011-12	2012-13	2013-14	2014-15			
	FY09	FY10	FY11	FY12	FY13	FY14	FY15	2018	2023	
Northeast Consortium Elementary School Utilization (based on BOE Request)										
- Capacity (seats)	7,216	7,256	7,576	8,182	8,367	8,367	8,367	8,367	8,367	
- Enrollment	7,633	7,759	7,831	7,937	8,061	8,082	8,067	8,410	8,775	
- Space Available	(417)	(503)	(255)	245	306	285	300	(43)	(408)	
- Utilization	105.8%	106.9%	103.4%	97.0%	96.3%	96.6%	96.4%	100.5%	104.9%	
Northeast Consortium Capacity-Related Changes assumed in the above capacity calculations										Totals
Cannon Road ES Modernization					185					185
Cresthaven ES Modernization			90							90
Fairland ES Addition				307						307
Jackson Road ES Addition				299						299
Sherwood ES Addition			230							230
Miscellaneous		40								40
Total changes per year	-	40	320	606	185	-	-	-	-	1,151

In total, MCPS has approximately 1,151 new seats in the pipeline for the Northeast Consortium (counting the amendment requests this year). With these new seats, the cluster hovers in the 100% utilization range during the six-year period. Long-term projections beyond FY15 assume continued increases in enrollment. Although slightly less severe than the Downcounty Consortium, **utilization trends in this cluster make non-capital solutions, such as boundary changes, unlikely as an option to address specific school capacity issues.**

Fairland Elementary School Addition (PDF on ©8)

The Board of Education is requesting adding 4 classrooms to the approved 9 room addition project for this school. The project is currently in design and adding the room will extend the design period and delay the completion of the addition project one year (from August 2010 to August 2011).

The following chart presents utilization rates assumed in the Approved FY09-14 CIP and the Board of Education's latest projections (with the additional classroom requested and the project delayed one year as a result).

Fairland Elementary School Addition																														
	FY10	FY11	FY12	FY13	FY14	FY15																								
Approved FY09-14 CIP																														
1 Capacity (with 9 room addition)	354	545	545	545	545																									
2 Enrollment	521	532	518	523	520																									
3 Space Available (deficit)	(167)	13	27	22	25																									
4 Utilization	147.2%	97.6%	95.0%	96.0%	95.4%																									
BOE Request																														
5 Capacity (with 13 room addition)	346	346	653	653	653	653																								
6 Enrollment	550	568	580	588	591	592																								
7 enrolment change from last year	29	36	62	65	71																									
8 Space Available (deficit)	(204)	(222)	73	65	62	61																								
9 Utilization (based on BOE Request)	159.0%	164.2%	88.8%	90.0%	90.5%	90.7%																								
10 Utilization (without the amendment)	159.0%	104.2%	106.4%	107.9%	108.4%	108.6%																								
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The chart shows that current enrollment projections are up substantially from last year and utilization rates without the additional 4 classrooms would be substantially over 100% within the current CIP period. The school is currently using 8 relocatable classrooms (all related to utilization).

Jackson Road Elementary School Addition (PDF on ©10)

The Board of Education is requesting adding 3 classrooms to the approved 11 room addition project for this school. The project is currently in design and adding the room will extend the design period and delay the completion of the addition project one year (from August 2010 to August 2011).

The following chart presents utilization rates assumed in the Approved FY09-14 CIP and the Board of Education's latest projections (with the additional classroom requested and the project delayed one year as a result).

Jackson Road Elementary School Addition																														
	FY10	FY11	FY12	FY13	FY14	FY15																								
Approved FY09-14 CIP																														
1 Capacity (with 9 room addition)	380	617	617	617	617																									
2 Enrollment	548	543	541	556	561																									
3 Space Available (deficit)	(168)	74	76	61	56																									
4 Utilization	144.2%	88.0%	87.7%	90.1%	90.9%																									
BOE Request																														
5 Capacity (with 13 room addition)	386	386	685	685	685	685																								
6 Enrollment	595	609	625	645	650	645																								
7 enrollment change from last year	47	66	84	89	89																									
8 Space Available (deficit)	(209)	(223)	60	40	35	40																								
9 Utilization (based on BOE Request)	154.1%	157.8%	91.2%	94.2%	94.9%	94.2%																								
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13 change	\$ 906	\$ -	\$ (1,736)	\$ 772	\$ 1,870																									

The chart shows that current enrollment projections are up substantially from last year and utilization rates without the additional 3 classrooms would be over 100% within the current CIP period. The school is currently using 11 relocatable classrooms (all related to utilization).

Attachments

f:\levchenko\mcps\09 14 amendments and supplementals\council 3 31 09 mcps cip amendments.doc

MONTGOMERY COUNTY BOARD OF EDUCATION

Testimony before the County Council on the Requested FY 2010 Capital Budget and Amendments to the FY 2009–2014 Capital Improvements Program

February 10, 2009

Good evening, Mr. Andrews and Members of the County Council. I am Shirley Brandman, president of the Board of Education. We are all deeply saddened by the unexpected death of Councilmember Donald Praisner and extend our deepest sympathy to his family and friends. Tonight I am here to testify in support of the Board of Education's Requested FY 2010 Capital Budget and amendments to the six-year Capital Improvements Program (CIP). I want to begin by thanking the County Council for its steady support for the Montgomery County Public Schools (MCPS) school construction program. We also want to thank the county executive for recommending the Board's request as submitted, with the exception of \$500,000 for one new mandated countywide project.

The Board of Education, in keeping with the spirit of the biennial process, as well as consideration of the current fiscal constraints on our county, state, and country, approved only nine essential amendments to the adopted FY 2009–2014 CIP. The amendments increase the approved six-year CIP by \$15.6 million. Six of the requested amendments are for elementary school addition projects, previously included in the adopted CIP, but require additional classrooms to accommodate higher than anticipated enrollments. As a result of these scope changes, these six projects will need to be delayed in order to provide further planning and design time. Therefore, some expenditures for these six projects were shifted out of FY 2010 into FY 2011–2012 of the CIP.

The remaining three amendments will provide additional funding for two existing countywide projects—heating, ventilation, and air-conditioning (HVAC) replacement and relocatable classrooms and one new countywide project to address county water quality compliance. The additional funding for the three countywide projects is included in FY 2010; however, due to the expenditure shifts from the six addition projects, the FY 2010 expenditure request is actually \$3.5 million less than the FY 2010 approved expenditures included in the adopted CIP. The following describes the amendments included in the requested CIP:

1. Brookhaven Elementary School Addition—to provide two classrooms beyond the approved eight-classroom addition project, due to higher than anticipated enrollment projections. The completion date for this project will be delayed one year, from August 2010 to August 2011, in order to provide further planning and design time (\$748,000).
2. Fairland Elementary School Addition—to provide four classrooms beyond the approved nine-classroom addition project, due to higher than anticipated enrollment projections. The completion date for this project will be delayed one year, from August 2010 to August 2011, in order to provide further planning and design time (\$1.34 million).
3. Harmony Hills Elementary School Addition—to provide five classrooms beyond the approved nine-classroom addition project, due to higher than anticipated enrollment

projections. The completion date for this project will be delayed six months, from August 2011 to January 2012, in order to provide further planning and design time (\$2.34 million).

4. Jackson Road Elementary School Addition—to provide three classrooms beyond the approved 11-classroom addition project, due to higher than anticipated enrollment projections. The completion date for this project will be delayed one year, from August 2010 to August 2011, in order to provide further planning and design time (\$906,000).
5. Montgomery Knolls Elementary School Addition—to provide five classrooms beyond the approved 10-classroom addition project, due to higher than anticipated enrollment projections. The completion date for this project, as well as the school's gymnasium project, will be delayed six months, from August 2011 to January 2012, in order to provide further planning and design time (\$2.48 million).
6. Rock View Elementary School Addition—to provide five classrooms beyond the approved eight-classroom addition project, due to higher than anticipated enrollment projections. The completion date for this project will be delayed one year, from August 2010 to August 2011, in order to provide further planning and design time (\$1.83 million).
7. County Water Quality Compliance—to provide funding to plan and begin implementation of a variety of pollution prevention measures related to storm water discharge from our school facilities as required by federal and state laws (\$500,000).
8. Heating, Ventilation, and Air-Conditioning (HVAC) Replacement—to provide additional funding for HVAC related projects that are vital to the successful operation of our school facilities (\$4.4 million).
9. Relocatable Classrooms—to provide additional funding for relocatable classrooms to accommodate enrollment growth (\$1.0 million).

For the 2008–2009 school year, MCPS experienced an unanticipated surge in enrollment growth. Official September 30, 2008, enrollment is 139,276. Enrollment growth occurred despite the stagnant housing market and the weak economy. As a result of this unanticipated growth, new enrollment projections have significantly increased. MCPS total enrollment is projected to exceed 140,000 by next year and continue to increase for the foreseeable future. Elementary enrollment will continue to grow, with 5,700 additional students projected by the 2014–2015 school year. Secondary enrollment will decline slightly for the next few years and then begin to increase in the later part of the six-year period.

MCPS has 423 relocatable classrooms on site systemwide for the 2008–2009 school year to provide seats for students who attend schools that are over-utilized. This number does not include relocatable classrooms used to phase construction on site and others located at our holding facilities and other facilities throughout the school system. Funds approved in the adopted CIP will, by the opening of school in fall 2014, reduce the number of relocatable classrooms to approximately 354 units. While this number is a decrease from the current number of relocatable classrooms, it is not as low as previously projected.

MCPS conducted four feasibility studies this past spring to explore options to address overcrowding in the Clarksburg Cluster, which is experiencing significant growth. Two of the studies addressed the elementary and high school over-utilization; the other two addressed the middle school overutilization.

With respect to middle school capacity, one feasibility study explored the possibility of constructing a new middle school to serve students in the Clarksburg/Damascus clusters, while the other explored the possibility of an addition to Montgomery Village Middle School. The addition would provide the capacity needed to reassign the Watkins Mill Cluster middle school students currently attending Neelsville Middle School, thus ending the school's split articulation. While the Board of Education certainly understands parents' concern regarding split articulation, it does not support expanding Montgomery Village Middle School to approximately 1,100 students. Consideration for a new elementary and middle school, as well as the addition to the high school, will be given in a future CIP.

The Bethesda-Chevy Chase Cluster is another area of the county experiencing significant enrollment growth. Student enrollment at elementary schools in the Bethesda-Chevy Chase Cluster increased dramatically this school year. Additional capacity will be needed in the future to accommodate the enrollment growth in several cluster schools. Therefore, the Board of Education, in its CIP request, approved capacity studies at Bethesda, Chevy Chase, North Chevy Chase, and Rosemary Hills elementary schools to determine the feasibility and size of classroom additions at these schools. The Board of Education also will consider a review of the boundaries, articulation patterns, and unique school pairings at the elementary school level in this cluster.

The Board of Education also approved, in its CIP request, to expand the scope of the current feasibility study under way at Bradley Hills Elementary School in the Walt Whitman Cluster to include capacity options to accommodate the number of students that currently attend Bethesda Elementary School for Grades K-5 and then attend secondary schools in the Walt Whitman Cluster. Once the capacity studies are complete, a review of the boundaries and articulation patterns will be necessary before any capital projects are considered in a future CIP.

MCPS also must address our aging inventory through either modernization or replacement of these school facilities, and we will continue to face this challenge in the coming years. On average, elementary schools are modernized every 40 years, middle schools every 70 years, and high schools every 50 years. The Requested FY 2009-2014 Amended CIP includes approximately \$700 million to fund the modernization program. If the County Council approves our request, ten elementary schools, three middle schools, and two high schools will be modernized by the end of the six-year CIP.

With the need to provide permanent seats for our student population and address the aging inventory of older school facilities, funding for the CIP continues to be a complex issue. Local funding sources such as County 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. For FY 2010, the state aid request is \$113.89 million. On January 28, Dr. Weast and I

testified at the Board of Public Works hearing in Annapolis to urge the state to provide at least \$40 million to meet the state's obligations to the students of Montgomery County. Without a reasonable level of state aid, it will be difficult for the project schedules identified in the Board's CIP request to be maintained. We appreciate the Council's support of our state aid request and urge our state delegation to continue its efforts to secure state aid needed to fund MCPS projects that are already under construction.

The Board of Education looks forward to your consideration of our request and appreciates the continuing support of the County Council and the county executive for our capital needs. We urge you to invest in the future of our county by fully funding our budget as requested. We know that these are difficult fiscal times, but we believe it is necessary to address the needs of our schools. We believe that the greater Montgomery County community understands that the quality of life in the county is highly correlated to the success of our schools.

Thank you for your time this evening.

Revised FY 2010 State Capital Improvements Program for Montgomery County Public Schools

(figures in thousands)

Local Priority No.	PFA Y/N	Project	Total Estimated Cost	Non PSCP Funds	Prior IAC Funding Thru FY 09	FY 2010 Request For Funding
Balance of Funding						
1	Y	Walter Johnson HS - Modernization	72,168	44,866	13,707	13,595
2	Y	Galway ES - Modernization	19,720	13,329	1,131	5,260
2a	Y	Thomas W. Pyle MS - Addition	7,811	5,818	1,872	121
		Subtotal	99,699	64,013	16,710	18,976
Planning and Construction Request (Forward-Funded)						
3/4	Y	Stedwick ES - Addition (CSR)	9,825	6,774		3,051
5/6	Y	Travilah ES - Addition	6,117	5,069		1,048
7/8	Y	Westland MS - Addition	4,023	3,259		764
9/10	Y	Silver Spring International MS/Sliigo Creek ES-Addition/Renov	2,000	1,448		552
		Subtotal	21,965	16,550	0	5,415
Systemic Projects						
11	Y	Watkins Mill HS -- Roof	1,450	740		710
12	N	Sherwood HS -- Roof	1,150	587		563
13	Y	Bannockburn ES -- Roof	1,140	582		558
14	Y	Strathmore ES -- HVAC	1,060	540		520
15	Y	Robert Frost MS -- HVAC	1,027	524		503
16	Y	Stone Mill ES -- Roof	820	419		401
17	Y	Fox Chapel ES -- HVAC	795	406		389
18	Y	Burning Tree ES -- Roof	546	279		267
19	Y	Poolesville ES -- HVAC	474	242		232
20	Y	S. Christa McAuliffe ES -- Roof	400	204		196
21	Y	Ritchie Park ES -- Roof	340	174		166
22	Y	Germantown ES -- HVAC	293	149		144
23	Y	Oakview ES -- HVAC	227	116		111
24	Y	Quince Orchard HS -- Roof	205	105		100
		Subtotal	9,927	5,067	0	4,860
Planning and Construction Request						
25/26	Y	Francis Scott Key MS - Modernization	44,604	29,140		15,464
27/28	Y	Bells Mill ES Modernization	23,631	15,296		8,335
29/30	Y	Cashell ES - Modernization	22,048	15,315		6,733
31/32	Y	Takoma Park ES Addition (CSR)	15,592	10,323		5,269
33/34	Y	Poolesville HS Magnet Improvements	9,118	5,945		3,173
35/36	Y	Cresthaven ES Modernization	26,299	18,982		7,317
37/38	Y	Carderock Springs ES Modernization	23,732	17,632		6,100
39/40	N	Redland MS Upgrades	14,233	10,204		4,029
41/42	Y	East Silver Spring ES Addition (CSR)	12,298	10,580		1,718
43/44	Y	Jackson Road ES Addition (CSR)	10,130	8,799		1,331
45/46	Y	Fairland ES Addition (CSR)	6,390	5,081		1,309
47/48	Y	Brookhaven ES Addition (CSR)	7,171	5,961		1,210
49/50	N	Sherwood ES Addition	7,447	6,859		588
51/52	Y	Rock View ES Addition (CSR)	6,232	5,839		393
53/54	Y	Cabin John MS Modernization*	53,107	34,531		9,288
55/56	Y	Fox Chapel ES Addition (CSR)	12,331	8,887		3,444
57/58	Y	Seven Locks ES Modernization*	20,950	14,419		3,266
59/60	Y	Farmland ES Modernization*	21,482	16,639		2,422
61/62	Y	Whetstone ES Addition (CSR)	8,926	7,248		1,678
63/64	Y	Montgomery Knolls ES Addition (CSR)	8,974	7,971		1,003
65/66	Y	Harmony Hills ES Addition (CSR)	7,506	6,939		567
		Subtotal	362,201	262,590	0	84,637
Planning Approval Request						
67	Y	Paint Branch HS Modernization*	LP			LP
68	Y	Cannon Road ES Modernization*	LP			LP
69	Y	Garrett Park ES Modernization*	LP			LP
		Total	493,792	348,220	16,710	113,888

*Split-FY Funding Request.

** PFA - Priority Funding Area

**Board of Education Requested FY 2010 Capital Budget
and Amendments to the FY 2009–2014 Capital Improvements Program
(figures in thousands)**

Project	FY 2010 Approp.	Total	Thru FY2007	Remaining FY2008	Total 5½-Years	FY 2009–2014 CIP Expenditures					
						FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
School Projects											
Ashburton ES Addition		7,404	434	4,363	2,607	2,607					
Bethesda-Chevy Chase HS Addition		1,797	150	268	1,379	739	640				
Brookhaven ES Addition	7,267	7,919			7,919	391	2403	3,634	1,491		
Clarksburg ES #8		24,401	748	7,876	15,777	10,306	5,471				
East Silver Spring ES Addition	364	12,298		832	11,466	4,101	3,650	3,715			
Fairland ES Addition	7,141	7,729			7,729	353	2587	3,353	1,436		
Fallsmead ES Addition		9,064	617	4,751	3,696	3,696					
Fields Road ES Addition		9,368	3,726	4,667	975	975					
Fox Chapel ES Addition	10,943	12,331			12,331	421	2,404	5,313	4,193		
Harmony Hills ES Addition	9,174	9,849			9,849	270	1,500	2,467	3,080	2,532	
Jackson Road ES Addition	10,155	11,036			11,036	353	4,000	4,813	1,870		
Luxmanor ES Addition		8,897	691	3,947	4,259	4,259					
Montgomery Knolls ES Addition	10,720	11,511			11,511	316	2,353	4,304	2,491	2,047	
Northwood HS Reopening		42,808	32,870	625	9,313	4,016	3,731	1,566			
Poolesville HS Magnet Improvements		9,118		1,812	7,306	4,631	2,675				
Thomas W. Pyle MS Addition		7,111	453	3,935	2,723	2,723					
Redland MS Interior Modifications		14,233	520	693	13,020	2,000	6,354	4,666			
Ridgeview MS Site and Admin. Modifications		7,866	515	686	6,665	3,493	3,172				
Rock View ES Addition	7,538	8,105			8,105	397	1,946	4,566	1,196		
Seven Locks ES Addition/Modernization		20,950	1,029	350	19,571	414	552	11,014	7,591		
Shenwood ES Addition	6,771	7,447			7,447	270	3,207	3,970			
Stedwick ES Addition		9,825	603	5,424	3,798	3,798					
Takoma Park ES Addition	604	15,592		984	14,608	10,593	4,025				
Travilah ES Addition		6,117	456	2,917	2,744	2,744					
Washington Grove ES Addition		13,937	785	7,851	5,301	5,301					
Wayside ES Addition		7,146	454	4,000	2,692	2,692					
Westland MS Addition		4,023	417	2,096	1,510	1,510					
Whetstone ES Addition	7,771	8,926			8,926	312	2,085	3,457	3,072		
Countywide Projects											
ADA Compliance: MCPS	1,068	9,715	2,239	1,068	6,408	1,068	1,068	1,068	1,068	1,068	1,068
Asbestos Abatement: MCPS	1,041	8,234	1,007	981	6,246	1,041	1,041	1,041	1,041	1,041	1,041
Building Modifications and Program Improvements		15,858	1,550	1,308	13,000	4,000	4,000	5,000			
County Water Quality Compliance	500	500			500		500				
Current Replacement/Modernizations	58,499	819,706	96,800	109,020	613,886	95,728	81,273	88,821	130,897	126,376	90,791
Design, Engineering & Construction	4,500	34,975	4,034	3,941	27,000	4,500	4,500	4,500	4,500	4,500	4,500
Energy Conservation: MCPS	1,870	15,036	2,116	1,700	11,220	1,870	1,870	1,870	1,870	1,870	1,870
Facility Planning: MCPS	540	4,022	1,119	540	2,363	898	540	220	445	260	
Fire Safety Upgrades	743	6,547	1,414	675	4,458	743	743	743	743	743	743
Future Replacements/Modernizations		86,755			86,755		210	1,888	12,692	71,965	
HVAC Replacement	10,000	48,561	6,652	3,909	38,000	5,600	10,000	5,600	5,600	5,600	5,600
Improved (Safe) Access to Schools	1,200	10,010	1,610	1,200	7,200	1,200	1,200	1,200	1,200	1,200	1,200
Planned Life Cycle Asset Replacement: MCPS	4,442	41,304	8,052	7,095	26,157	4,647	4,442	4,267	4,267	4,267	4,267
Rehab./Renov. Of Closed Schools (RROCS)	2,139	76,812	43,512	4,777	23,523		642	9,549	15,858	2,474	
Relocatable Classrooms	4,125	25,561	5,961	3,650	15,950	3,125	4,125	2,500	2,200	2,000	2,000
Restroom Renovations	924	5,735	1,896	1,875	1,964	1,040	924				
Roof Replacement: MCPS	5,880	48,122	7,364	5,478	35,280	5,880	5,880	5,880	5,880	5,880	5,880
School Gymnasiums	2,650	48,059	8,467	12,019	27,573	9,053	2,820	7,325	7,550	825	
School Security Systems	1,500	10,750	1,250	500	9,000	1,500	1,500	1,500	1,500	1,500	1,500
Technology Modernization	19,470	160,639	21,924	18,840	119,875	19,643	19,470	19,858	20,128	20,341	20,435
Water and Indoor Air Quality	1,300	15,809	6,709	1,300	7,800	1,300	1,300	1,300	1,300	1,300	1,300
Total Requested CIP	200,739	1,809,518	268,144	237,953	1,303,421	236,507	200,593	219,290	234,355	198,516	214,160

Bold indicates amendment to the FY2009–2014 CIP.

Funding Source	Total			Total 5½-Years	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Bonds										
General Obligation Bonds	1,051,066	143,006	176,242	731,818	134,950	112,877	136,376	149,608	93,541	104,466
Paygo				0						
Revolving Fund—GO Bonds	1,640	1,640		0						
State Aid	340,398	75,913	18,162	246,323	46,323	40,000	40,000	40,000	40,000	40,000
Qualified Zone Academy Funds (QZAB)	618	618		0						
Current Revenue										
General	109,181	10,949	8,734	89,404	21,408	10,373	6,946	5,735	22,601	22,435
Recordation Tax	167,926	32,806	26,800	106,320	16,600	18,100	15,632	17,038	19,050	21,900
School Impact Tax	138,699	3,212	8,015	147,926	17,226	19,243	20,326	21,974	23,324	25,359
Contributions				0						
Total	1,809,518	268,144	237,953	1,303,421	236,507	200,593	219,290	234,355	198,516	214,160

6

Brookhaven ES Addition -- No. 096500

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Individual Schools
MCPS
Silver Spring

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

November 10, 2008
No
None

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY08	Rem. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	804	0	0	804	391	202	211	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	808	0	0	808	0	646	162	0	0	0	0
Construction	6,053	0	0	6,053	0	1,555	3,159	1,339	0	0	0
Other	254	0	0	254	0	0	102	152	0	0	0
Total	7,919	0	0	7,919	391	2,403	3,634	1,491	0	0	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	5,516	0	0	5,516	391	0	3,634	1,491	0	0	0
Schools Impact Tax	2,403	0	0	2,403	0	2,403	0	0	0	0	0
Total	7,919	0	0	7,919	391	2,403	3,634	1,491	0	0	0

OPERATING BUDGET IMPACT (\$000)

Maintenance				324	0	0	81	81	81	81
Energy				168	0	0	42	42	42	42
Net Impact				492	0	0	123	123	123	123

DESCRIPTION

Enrollment projections at Brookhaven Elementary School reflect a need for a six-classroom addition. Brookhaven Elementary School has a program capacity for 278 students. Enrollment is expected to reach 407 by the 2010-2011 school year. A feasibility study was conducted in FY 2008 to determine the cost and scope of the project.

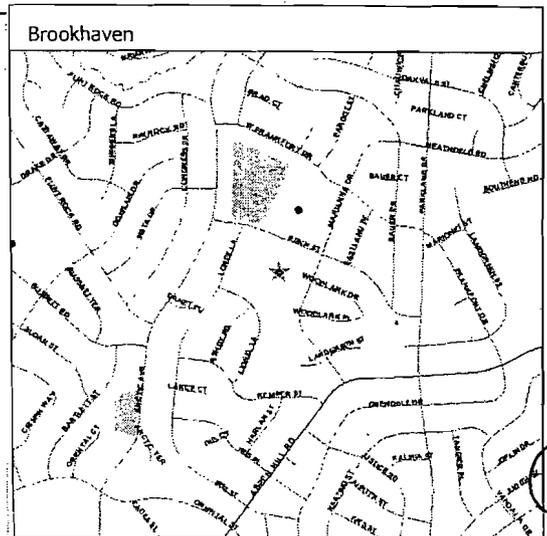
An FY 2009 appropriation was approved to begin planning this addition. Due to increased enrollment at this school, an amendment to the FY 2009-2014 CIP is requested for additional planning and construction funding to provide two classrooms beyond the approved eight-classroom addition. Due to the scope change, the completion date for this project will be delayed one year, from August 2010 to August 2011. An FY 2010 appropriation is requested for planning and construction funds. This project is scheduled to be completed by August 2011.

CAPACITY

Program Capacity After Project: 478
Teaching Stations Added: 10

APPROPRIATION AND EXPENDITURE DATA		
Date First Appropriation	FY09	(\$000)
First Cost Estimate	FY	0
Current Scope	FY	0
Last FY's Cost Estimate		7,171
Appropriation Request	FY10	7,267
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		652
Expenditures / Encumbrances		0
Unencumbered Balance		652
Partial Closeout Thru	FY07	0
New Partial Closeout	FY08	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



Fairland ES Addition -- No. 096501

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Individual Schools
MCPS
Colesville-White Oak

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

November 10, 2008
No
None

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY08	Rem. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	788	0	0	788	353	235	200	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	623	0	0	623	0	498	125	0	0	0	0
Construction	6,027	0	0	6,027	0	1,854	2,911	1,262	0	0	0
Other	291	0	0	291	0	0	117	174	0	0	0
Total	7,729	0	0	7,729	353	2,587	3,353	1,436	0	0	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	5,142	0	0	5,142	353	0	3,353	1,436	0	0	0
Schools Impact Tax	2,587	0	0	2,587	0	2,587	0	0	0	0	0
Total	7,729	0	0	7,729	353	2,587	3,353	1,436	0	0	0

OPERATING BUDGET IMPACT (\$000)

Maintenance				248	0	0	62	62	62	62
Energy				132	0	0	33	33	33	33
Net Impact				380	0	0	95	95	95	95

DESCRIPTION

Enrollment projections at Fairland Elementary School reflect a need for a nine-classroom addition. Fairland Elementary School has a program capacity for 354 students. Enrollment is expected to reach 532 students by the 2010-2011 school year. A feasibility study was conducted in FY 2008 to determine the cost and scope of the project.

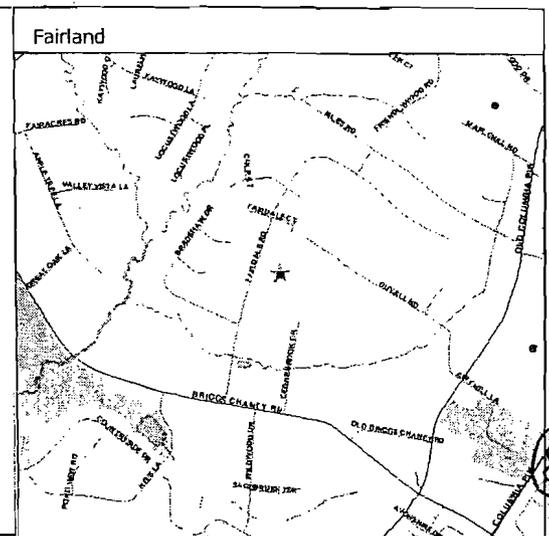
An FY 2009 appropriation was approved to begin planning this addition. Due to increased enrollment at this school, an amendment to the FY 2009-2014 CIP is requested for additional planning and construction funding to provide four classrooms beyond the approved nine-classroom addition. Due to the scope change, the completion date for this project will be delayed one year, from August 2010 to August 2011. An FY 2010 appropriation is requested for planning and construction funds. This project is scheduled to be completed by August 2011.

CAPACITY

Program Capacity After Project: 653
Teaching Stations Added: 13

APPROPRIATION AND EXPENDITURE DATA		
Date First Appropriation	FY09	(\$000)
First Cost Estimate	FY	0
Current Scope		
Last FY's Cost Estimate		6,390
Appropriation Request	FY10	7,141
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		588
Expenditures / Encumbrances		0
Unencumbered Balance		588
Partial Closeout Thru	FY07	0
New Partial Closeout	FY08	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



Harmony Hills ES Addition -- No. 096503

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Individual Schools
MCPS
Aspen Hill

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

November 10, 2008
No
None

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY08	Rem. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	775	0	0	775	270	236	269	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	801	0	0	801	0	541	260	0	0	0	0
Construction	7,974	0	0	7,974	0	723	1,938	2,961	2,352	0	0
Other	299	0	0	299	0	0	0	119	180	0	0
Total	9,849	0	0	9,849	270	1,500	2,467	3,080	2,532	0	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	7,382	0	0	7,382	270	1,500	0	3,080	2,532	0	0
Schools Impact Tax	2,467	0	0	2,467	0	0	2,467	0	0	0	0
Total	9,849	0	0	9,849	270	1,500	2,467	3,080	2,532	0	0

OPERATING BUDGET IMPACT (\$000)

Maintenance				240	0	0	0	80	80	80
Energy				126	0	0	0	42	42	42
Net Impact				366	0	0	0	122	122	122

DESCRIPTION

Enrollment projections at Harmony Hills Elementary School reflect a need for a nine-classroom addition. Harmony Hills Elementary School has a program capacity for 328 students. Enrollment is expected to reach 505 students by the 2011-2012 school year. A feasibility study was conducted in FY 2008 to determine the cost and scope of this project.

An FY 2009 appropriation was approved to begin planning this addition. Due to increased enrollment at this school, an amendment to the FY 2009-2014 CIP is requested for additional planning and construction funding to provide five classrooms beyond the approved nine-classroom addition. Due to the scope change, the completion date for this project will be delayed six months, from August 2011 to January 2012. An FY 2010 appropriation is requested for planning and construction funds. This project is scheduled to be completed by January 2012.

CAPACITY

Program Capacity After Project: 665
Teaching Stations Added: 14

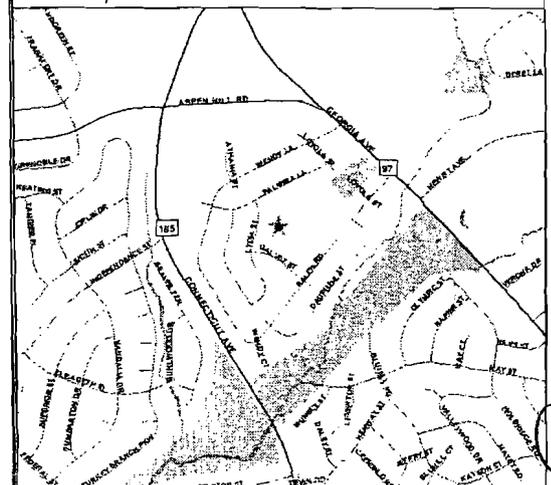
APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY09	(\$000)
First Cost Estimate	FY	0
Current Scope		
Last FY's Cost Estimate		7,506
Appropriation Request	FY10	9,174
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		675
Expenditures / Encumbrances		0
Unencumbered Balance		675
Partial Closeout Thru	FY07	0
New Partial Closeout	FY08	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

Harmony Hills



Jackson Road ES Addition -- No. 096504

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Individual Schools
MCPS
Colesville-White Oak

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

November 10, 2008
No
None

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY08	Rem. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	881	0	0	881	353	528	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,032	0	0	1,032	0	826	206	0	0	0	0
Construction	8,818	0	0	8,818	0	2,646	4,485	1,687	0	0	0
Other	305	0	0	305	0	0	122	183	0	0	0
Total	11,036	0	0	11,036	353	4,000	4,813	1,870	0	0	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	6,199	0	0	6,199	353	1,091	2,885	1,870	0	0	0
Schools Impact Tax	4,837	0	0	4,837	0	2,909	1,928	0	0	0	0
Total	11,036	0	0	11,036	353	4,000	4,813	1,870	0	0	0

OPERATING BUDGET IMPACT (\$000)

Maintenance				412	0	0	103	103	103	103
Energy				216	0	0	54	54	54	54
Net Impact				628	0	0	157	157	157	157

DESCRIPTION

Enrollment projections at Jackson Road Elementary School reflect a need for an 11-classroom addition. Jackson Road Elementary School has a program capacity for 380 students. Enrollment is expected to reach 543 students by the 2010-2011 school year. A feasibility study was conducted in FY 2008 to determine the cost and scope of this project.

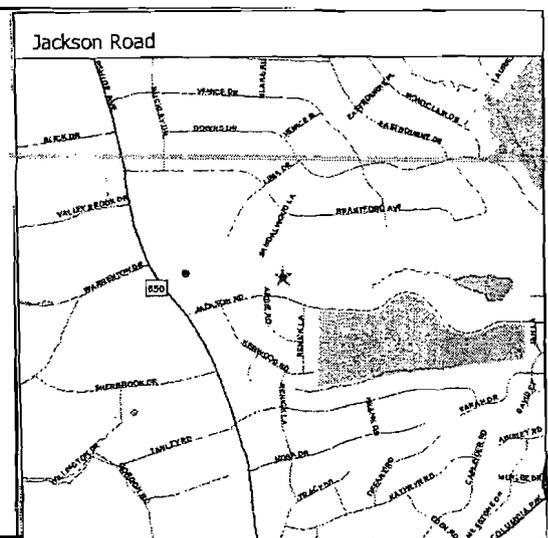
An FY 2009 appropriation was approved to begin planning this addition. Due to increased enrollment at this school, an amendment to the FY 2009-2014 CIP is requested for additional planning and construction funding to provide three classrooms beyond the approved 11-classroom addition. Due to the scope change, the completion date for this project will be delayed one year, from August 2010 to August 2011. An FY 2010 appropriation is requested for planning and construction funds. This project is scheduled to be completed by August 2011.

CAPACITY

Program Capacity After Project: 685
Teaching Stations Added: 14

APPROPRIATION AND EXPENDITURE DATA		
Date First Appropriation	FY09	(\$000)
First Cost Estimate	FY	0
Current Scope		
Last FY's Cost Estimate		10,130
Appropriation Request	FY10	10,155
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		881
Expenditures / Encumbrances		0
Unencumbered Balance		881
Partial Closeout Thru	FY07	0
New Partial Closeout	FY08	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



Montgomery Knolls ES Addition -- No. 096505

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Individual Schools
MCPS
Silver Spring

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

November 10, 2008
No
None

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY08	Rem. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	891	0	0	891	316	377	198	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	861	0	0	861	0	689	172	0	0	0	0
Construction	9,465	0	0	9,465	0	1,287	3,934	2,374	1,870	0	0
Other	294	0	0	294	0	0	0	117	177	0	0
Total	11,511	0	0	11,511	316	2,353	4,304	2,491	2,047	0	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	8,020	0	0	8,020	316	2,353	813	2,491	2,047	0	0
Schools Impact Tax	3,491	0	0	3,491	0	0	3,491	0	0	0	0
Total	11,511	0	0	11,511	316	2,353	4,304	2,491	2,047	0	0

OPERATING BUDGET IMPACT (\$000)

Maintenance				258	0	0	0	86	86	86
Energy				135	0	0	0	45	45	45
Net Impact				393	0	0	0	131	131	131

DESCRIPTION

Enrollment projections at Montgomery Knolls Elementary School reflect a need for a 10-classroom addition. Montgomery Knolls Elementary School has a program capacity for 273 students. Enrollment is expected to reach 411 by the 2011-2012 school year. A feasibility study was conducted in FY 2009 to determine the scope and cost of the project.

An FY 2009 appropriation was approved to begin planning this addition. Due to increased enrollment at this school, an amendment to the FY 2009-2014 CIP is requested for additional planning and construction funding to provide five classrooms beyond the approved 10-classroom addition. Due to the scope change, the completion date for this project will be delayed six months, from August 2011 to January 2012. An FY 2010 appropriation is requested for planning and construction funds. This project is scheduled to be completed by January 2012.

CAPACITY

Program Capacity After Project: 528
Teaching Stations Added: 15

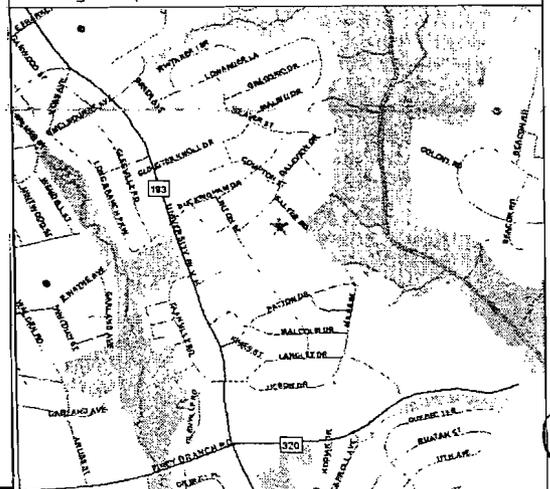
APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY09	(\$000)
First Cost Estimate	FY	0
Current Scope		
Last FY's Cost Estimate		8,974
Appropriation Request	FY10	10,720
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		791
Expenditures / Encumbrances		0
Unencumbered Balance		791
Partial Closeout Thru	FY07	0
New Partial Closeout	FY08	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

Montgomery Knolls



Rock View ES Addition -- No. 096506

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Individual Schools
MCPS
Silver Spring

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

November 10, 2008
No
None

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY08	Rem. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	667	0	0	667	397	270	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	738	0	0	738	0	590	148	0	0	0	0
Construction	6,313	0	0	6,313	0	1,086	4,263	964	0	0	0
Other	387	0	0	387	0	0	155	232	0	0	0
Total	8,105	0	0	8,105	397	1,946	4,566	1,196	0	0	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	6,105	0	0	6,105	397	1,946	2,566	1,196	0	0	0
Schools Impact Tax	2,000	0	0	2,000	0	0	2,000	0	0	0	0
Total	8,105	0	0	8,105	397	1,946	4,566	1,196	0	0	0

OPERATING BUDGET IMPACT (\$000)

Maintenance				296	0	0	74	74	74	74
Energy				156	0	0	39	39	39	39
Net Impact				452	0	0	113	113	113	113

DESCRIPTION

Enrollment projections at Rock View Elementary School reflect a need for a eight-classroom addition. Rock View Elementary School has a program capacity for 361 students. Enrollment is expected to reach 526 students by the 2010-2011 school year. A feasibility study was conducted in FY 2003 to determine the scope and cost of an addition to this school. At that time, the addition was not requested and the feasibility study was shelved. The FY 2003 feasibility study was used to determine the scope of this project with current construction costs.

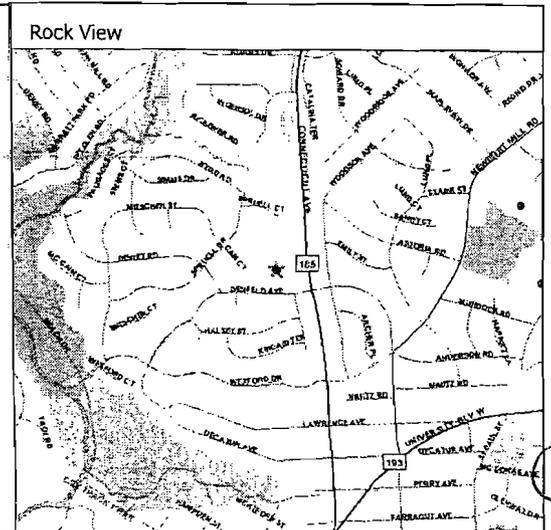
An FY 2009 appropriation is requested to begin planning this addition. Due to increased enrollment at this school, an amendment to the FY 2009-2014 CIP is requested for additional planning and construction funding to provide five classrooms beyond the approved eight-classroom addition. Due to the scope change, the completion date for this project will be delayed one year, from August 2010 to August 2011. An FY 2010 appropriation is requested for planning and construction funds. This project is scheduled to be completed by August 2011.

CAPACITY

Program Capacity After Project: 661
Teaching Stations Added: 13

APPROPRIATION AND EXPENDITURE DATA		
Date First Appropriation	FY09	(\$000)
First Cost Estimate	FY	0
Current Scope		
Last FY's Cost-Estimate		6,232
Appropriation Request	FY10	7,538
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		567
Expenditures / Encumbrances		0
Unencumbered Balance		567
Partial Closeout Thru	FY07	0
New Partial Closeout	FY08	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



County Water Quality Compliance -- No. 106500

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
MCPS
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

November 20, 2008
No
None

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY08	Rem. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	500	0	0	500	0	500	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	500	0	0	500	0	500	0	0	0	0	*

FUNDING SCHEDULE (\$000)

G.O. Bonds	500	0	0	500	0	500	0	0	0	0	0
Total	500	0	0	500	0	500	0	0	0	0	0

DESCRIPTION

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 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 NPDES 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.

A FY 2010 appropriation and amendment to the FY 2009-2014 CIP is requested to begin the assessment and planning process. 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. The FY 2010 request also will be used to begin the implementation and construction of identified facilities needing modifications.

OTHER DISCLOSURES

- * Expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP																																																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Date First Appropriation</td> <td>FY10</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 colspan="3"> </td> </tr> <tr> <td>Appropriation Request</td> <td>FY10</td> <td>500</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 colspan="3"> </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 colspan="3"> </td> </tr> <tr> <td>Partial Closeout Thru</td> <td>FY07</td> <td>0</td> </tr> <tr> <td>New Partial Closeout</td> <td>FY08</td> <td>0</td> </tr> <tr> <td>Total Partial Closeout</td> <td></td> <td>0</td> </tr> </table>	Date First Appropriation	FY10	(\$000)	First Cost Estimate			Current Scope	FY	0	Last FY's Cost Estimate		0				Appropriation Request	FY10	500	Supplemental Appropriation Request		0	Transfer		0				Cumulative Appropriation		0	Expenditures / Encumbrances		0	Unencumbered Balance		0				Partial Closeout Thru	FY07	0	New Partial Closeout	FY08	0	Total Partial Closeout		0	Empty space for COORDINATION	
Date First Appropriation	FY10	(\$000)																																																
First Cost Estimate																																																		
Current Scope	FY	0																																																
Last FY's Cost Estimate		0																																																
Appropriation Request	FY10	500																																																
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Unencumbered Balance		0																																																
Partial Closeout Thru	FY07	0																																																
New Partial Closeout	FY08	0																																																
Total Partial Closeout		0																																																

HVAC 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 10, 2008
No
None
On-going

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY08	Rem. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	5,600	550	550	4,500	700	1,000	700	700	700	700	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	42,961	6,102	3,359	33,500	4,900	9,000	4,900	4,900	4,900	4,900	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	48,561	6,652	3,909	38,000	5,600	10,000	5,600	5,600	5,600	5,600	*

FUNDING SCHEDULE (\$000)

	Total	FY08	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
G.O. Bonds	44,598	4,494	3,075	37,029	4,629	10,000	5,600	5,600	0
Qualified Zone Academy Funds	618	618	0	0	0	0	0	0	0
State Aid	3,345	1,540	834	971	971	0	0	0	0
Total	48,561	6,652	3,909	38,000	5,600	10,000	5,600	5,600	0

DESCRIPTION

This project provides for orderly replacement of heating, ventilating, air conditioning, control, and plumbing systems in facilities that are not on the modernization schedule. Related asbestos removal costs are included with each project. These systems or components are outdated or have become expensive to repair and maintain necessitating replacement. MCPS is participating in interagency planning and review of this program in order to share successful and cost effective approaches. In addition to HVAC replacement, the Council added \$725,000 in additional appropriations to the FY 1998 request for (FACE) Facilities Air Conditioning Equity (a pilot program to provide air conditioning at Cabin John Middle School and Luxmanor Elementary School). The FY 1999 appropriation had two components - \$2 million to continue the HVAC replacement program and \$1.2 million to provide additional planning and construction funds for the FACE initiative to provide air conditioning in three schools. An additional \$1.2 million was programmed in FY 2000 to complete an additional three schools.

Two FY 1999 supplemental appropriations for the FACE initiative were approved – the first in the amount of \$2.635 million the second in the amount of \$320,000. Also an FY 2000 amendment was funded to accelerate the air conditioning of all remaining non-air conditioned schools and holding schools for completion by September 2000. In FY 2000, \$175,000 was transferred from this project to the Elementary School Gymnasium PDF. Funds approved in FY 2001 and FY 2002 continued this project.

An FY 2003 appropriation was approved to continue this project. An FY 2004 appropriation was approved to continue this project at its current level of effort. An FY 2005 appropriation was approved to continue to provide heating, ventilating, air conditioning, and plumbing system replacements in facilities that are not scheduled to be modernized. Increases in expenditures shown for FY 2005 and beyond reflect the need to address the backlog of HVAC projects, partially due to the delay in the modernization schedule. For FY 2005, an additional \$745,000 in state aid was included in this project as a result of federal funding, issued by the state, through the Qualified Zone Academy Bond (QZAB) program. An FY 2006 appropriation was approved to continue this project.

An FY 2007 appropriation was approved to continue this project. Expenditures shown in the adopted FY 2007-2012 CIP for this project have increased in order to address the backlog of HVAC projects, as well as the rise in construction costs. An FY 2007 Special Appropriation in the amount of \$160,000 was approved in this project as a result of federal funding, issued by the state, through the Qualified Zone Academy Bond (QZAB) program. An FY 2008 appropriation was approved to continue this level of effort project. An FY 2009 appropriation is requested to continue this level of effort project.

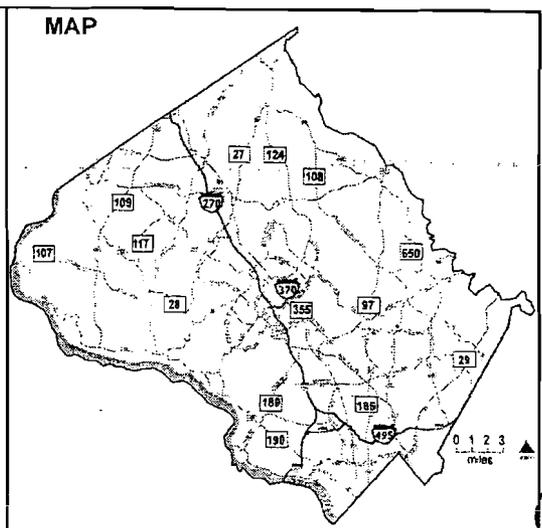
An FY 2010 appropriation and amendment to the FY 2009-2014 CIP is requested to provide an additional \$4.4 million beyond the \$5.6 million in the adopted CIP for this systemic project. The additional funding will begin to address the assessed backlog of HVAC projects that are vital to the successful operation of our school facilities.

OTHER DISCLOSURES

- * Expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA		
Date First Appropriation	FY81	(\$000)
First Cost Estimate	FY96	16,388
Current Scope		
Last FY's Cost Estimate		44,161
Appropriation Request	FY10	10,000
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		16,161
Expenditures / Encumbrances		5,620
Unencumbered Balance		10,541
Partial Closeout Thru	FY07	45,642
New Partial Closeout	FY08	0
Total Partial Closeout		45,642

COORDINATION
CIP Master Plan for School Facilities



Relocatable Classrooms -- No. 846540

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
MCPS
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

November 10, 2008
No
None
On-going

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY08	Rem. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	1,050	100	100	850	200	200	150	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	24,511	5,861	3,550	15,100	2,925	3,925	2,350	2,100	1,900	1,900	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	25,561	5,961	3,650	15,950	3,125	4,125	2,500	2,200	2,000	2,000	*

FUNDING SCHEDULE (\$000)

G.O. Bonds	0	0	0	0	0	0	0	0	0	0	0
Current Revenue: General	24,972	5,450	3,572	15,950	3,125	4,125	2,500	2,200	2,000	2,000	0
Current Revenue: Recordation Tax	478	450	28	0	0	0	0	0	0	0	0
State Aid	111	61	50	0	0	0	0	0	0	0	0
Total	25,561	5,961	3,650	15,950	3,125	4,125	2,500	2,200	2,000	2,000	0

DESCRIPTION

MCPS currently has a total of 566 relocatable classrooms. Of the 566 relocatables, 462 are used to address over utilization at various schools throughout the system. The balance, 104 relocatables, are used at schools undergoing construction projects on-site, or at holding schools, or for other uses countywide. Units around 15-20 years old require general renovation if they are to continue in use as educational spaces.

The County Council, on March 30, 2004, approved a \$5.0 million special appropriation requested by the Board of Education to allow MCPS to enter into contracts in order to have the relocatable units ready for the 2004-2005 school year. The special appropriation provided for the relocation of 77 relocatable classrooms and the leasing of an additional 54 relocatable classrooms for enrollment growth and the full-day kindergarten program. The County Council, on March 22, 2005, approved a \$5.0 million special appropriation requested by the Board of Education to allow MCPS to enter into contracts in order to have the relocatable units ready for the 2005-2006 school year. An FY 2006 special appropriation of \$1.5 million was approved to provide additional relocatable classrooms to accommodate a staff to student ratio of 23:1 at elementary schools.

The County Council, on April 4, 2006, approved a \$3.0 million special appropriation requested by the Board of Education to allow MCPS to enter into contracts in order to have the relocatable units ready for the 2006-2007 school year. Also, an FY 2006 special appropriation in the amount of \$975,000 was approved to provide relocatable classrooms for the acceleration of full-day kindergarten for the schools scheduled to receive the program in the 2007-2008 school year. An FY 2006 special appropriation in the amount of \$2.1 million was approved to return 121 relocatables to the vendor in order to begin the process of systematically removing aging relocatables from our schools. The \$2.1 million also provided for the replacement of six older units, the relocation of six units and the addition of a canopy at a school.

The County Council approved, in the FY 2007-2012 CIP, additional expenditures in FY 2007 and FY 2008 to provide replacement relocatables for Potomac Elementary School and to provide relocatables for Bells Mill Elementary School when the school moved to the Grosvenor holding facility during modernization. The County Council, on May 8, 2007 approved a \$3.572 million special appropriation that accelerated the FY 2008 appropriation requested by the Board of Education to allow MCPS to enter into contracts to have the relocatable units ready for the 2007-2008 school year. An FY 2008 special appropriation of \$3.125 million was approved by the County Council on April 22, 2008, to accelerate the FY 2009 appropriation requested by the Board of Education to allow MCPS to enter into contracts in order to have the relocatable units ready for the 2008-2009 school year.

An FY 2010 appropriation and amendment to the FY 2009-2014 CIP is requested for an additional \$1.0 million beyond the \$3.125 million included in the adopted CIP to provide relocatable classrooms at schools experiencing unanticipated enrollment growth.

OTHER DISCLOSURES

- * Expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION CIP Master Plan for School Facilities	MAP	
Date First Appropriation	FY84		
First Cost Estimate	FY02		21,470
Current Scope			24,561
Last FY's Cost Estimate			24,561
Appropriation Request	FY10		4,125
Supplemental Appropriation Request			0
Transfer			0
Cumulative Appropriation			12,736
Expenditures / Encumbrances			4,830
Unencumbered Balance			7,906
Partial Closeout Thru	FY07		56,588
New Partial Closeout	FY08		0
Total Partial Closeout		56,588	

Appendix D

Montgomery County Public Schools Relocatable Classrooms: 2008-2009 School Year

Cluster/ School	Relocatables on Site for 2008-2009 To Address:			Cluster/ School	Relocatables on Site for 2008-2009 To Address:			Cluster/ School	Relocatables on Site for 2008-2009 To Address:		
	Overutilization	DC	Total		Overutilization	DC	Total		Overutilization	DC	Total
Bethesda-Chevy Chase				Col. Zadok Magruder				Watkins Mill			
Westland MS		1	1	Col. Zadok Magruder HS	2		2	Whetstone	7		7
Bethesda	4		4	Flower Hill	6		6	Totals	7	0	7
North Chevy Chase	4		4	Mill Creek Towne	3		3	Walt Whitman			
Rock Creek Forest	5	1	6	Judith A. Resnik	2		2	Bannockburn	2		2
Rosemary Hills	5		5	Totals	13	0	13	Bradley Hills	6		6
Westbrook	3		3	Richard Montgomery				Burning Tree	3		3
Totals	21	2	23	Beall	6		6	Wood Acres	2		2
Winston Churchill				Ritchie Park	1		1	Totals	13	0	13
Cabin John MS	2		2	Twinbrook	4		4	Thomas S. Wootton			
Herbert Hoover MS	5		5	Totals	11	0	11	Thomas S. Wootton HS	9		9
Beverly Farms	2		2	Northeast Consortium*				Cold Spring	3		3
Potomac	7		7	James H. Blake HS	7		7	DuFief	1	2	3
Seven Locks	2		2	Paint Branch HS	5		5	Totals	13	2	15
Totals	18	0	18	Burnt Mills	1		1	Grand Total by Use	412	11	423
Clarksburg				Cannon Road	7		7	SCHOOL TOTAL:	423		
Clarksburg HS	4		4	Cloverly	2		2				
Rocky Hill MS	8		8	Fairland	8		8				
Clarksburg ES	6		6	Greencastle	1		1				
Daly	4		4	Jackson Road	11		11				
Fox Chapel	9		9	Stonegate	3	1	4				
Little Bennett	6		6	Westover	1		1				
Totals	37	0	37	Totals	46	1	47				
Damascus				Northwest							
Cedar Grove	6		6	Clopper Mill	4		4				
Clearspring	1		1	Darnestown	6		6				
Totals	7	0	7	Spark M. Matsunaga	11	1	12				
Downcounty Consortium*				Ronald McNair	4		4				
Wheaton HS	4		4	Totals	25	1	26				
Bel Pre	8		8	Poolesville							
Brookhaven	11	1	12	Poolesville HS	8		8				
Georgian Forest	9		9	Monocacy	3		3				
Glenallan	6		6	Totals	11	0	11				
Harmony Hills	8		8	Quince Orchard							
Highland View	6		6	Rachel Carson	7		7				
Montgomery Knolls	9		9	Jones Lane	2		2				
Oakland Terrace	7		7	Marshall	1		1				
Pine Crest	2		2	Totals	10	0	10				
Rock View	8		8	Rockville							
Rolling Terrace	2		2	Lucy V. Barnsley	4		4				
Shriver	1		1	Flower Valley	1		1				
Sligo Creek	4	1	5	Maryvale	1		1				
Takoma Park ES	8		8	Meadow Hall	2		2				
Viers Mill	11		11	Rock Creek Valley	2		2				
Wheaton Woods	5		5	Sandburg	1		1				
Woodlin	4		4	Totals	11	0	11				
Totals	113	2	115	Seneca Valley							
Gaithersburg				Seneca Valley	3		3				
Gaithersburg HS	3		3	McAuliffe	1		1				
Goshen	1		1	Sally K. Ride	4		4				
Laytonsville	1		1	Waters Landing	3		3				
Rosemont		1	1	Totals	11	0	11				
Strawberry Knoll	4		4	Sherwood							
Summit Hall	5	1	6	Belmont		1	1				
Washington Grove	9		9	Sherwood ES	6		6				
Totals	23	2	25	Totals	6	1	7				
Walter Johnson											
Luxmanor	8		8								
Wyngate	8		8								
Totals	16	0	16								

Other Relocatable Uses		
	# Units	Comment
Phased Construction		
Walter Johnson HS	45	Modernization
Holding Schools for Mods		
Fairland	24	Galway/Cresthaven
Grosvenor	8	Bells Mill
North Lake	9	Cashell
Radnor	2	Leased/Carderock
Tilden		Key
Total	43	
Other Uses at Schools		
Emory Grove Ctr.	1	Transition (CCC)
Gaithersburg ES	1	Parent Res. Ctr.
Gaithersburg HS	1	Mont. College Prgm.
Rolling Terrace	1	Judy Center
Sandburg	1	Autism offices
Seneca Valley HS	1	Transition (CCC)
Sherwood ES	1	Baldridge Lab
Wootton HS	1	Mont. College Prgm.
Total	8	
Nonschool Locations		
Bethesda Depot	2	Offices
Children's Res. Ctr.	1	Infants & Todd. offices
Kingsley	4	
Mont. College Germantown	2	
Rockinghorse	2	ESOL Offices
Smith Center	2	Outdoor Education
Transportation Depot	2	Offices
Warehouse	1	Copy Plus Program
Total	16	
OTHER TOTAL:	112	

DC = Paid for by day-care provider to enable a day-care center to operate inside school.

* In terms of the number of schools, the Downcounty Consortium is the equivalent of 5 clusters, and the Northeast Consortium is the equivalent of 3 clusters.

Relocatable classrooms are distributed quite evenly around the county, with an average of about 17 per cluster, taking account of multiple cluster areas in the consortia.

At this time, I propose that our tax-supported current revenue funding assumptions remain unchanged except for a \$3.5 million reduction in FY10 to reflect a shift in expenditures from six elementary school addition projects that will be delayed due to scope changes. The amended CIP will provide for additional classrooms at those six schools.

Children Prepared to Live and Learn

These recommendations demonstrate my commitment to quality education by supporting funding for Montgomery County Public Schools (MCPS), Montgomery College, and other MCPS-based initiatives as follows.

Montgomery College

I recommend that we continue our investment in expanded Montgomery College facilities to serve the growing student population. Consequently, I support the College's request for \$81.6 million in construction funding of the new Bioscience Education Center, including the required access road, at the Germantown campus. My recommendation assumes equal participation, or \$40.8 million in State Aid. For fiscal reasons, I have deferred a small portion of the local funding requested (\$3 million) to a subsequent year; however, this should not delay the project implementation plan. It is my recommendation that the County's local funding match and appropriation be contingent on the availability of State Aid funding. As always, we will continue to work with our State Delegation to assure the State's participation.

Funding has been provided as requested for cost adjustments to the Rockville Science Center and Roof Replacement Projects. However, I recommend that we maintain the approved level of effort for the Planning, Design, and Construction Project and defer adding equipment cost escalation to the Health Sciences Expansion project.

Montgomery County Public Schools (MCPS)

The Board of Education has requested an increase over FY10-14 of \$15.6 million. My recommendations support the MCPS' entire request except for \$0.5 million specified for a new Water Quality Compliance study. I support compliance with the new stormwater management requirements promulgated by the State, but recommend deferring this project until the scope of work and cost estimates are more clearly defined. The amended CIP will provide for additional classrooms at Brookhaven Elementary School, Fairland Elementary School, Harmony Hills Elementary School, Jackson Road Elementary School, Montgomery Knolls Elementary School, and Rock View Elementary School due to projected increased enrollment, as well as, HVAC replacement at certain facilities.

CIP Questions/Responses

1. *Please provide the "mini-mod" breakdown for current, future, and RROCs projects for the Amended FY 2009-14. The bottom line numbers are unchanged from the Approved FY 2009-14, but I know there were some revenue changes. I also wanted to follow up on any expenditure changes between subprojects.*

Attached is the project-by-project breakdown for current and future modernizations. The revenue changes for current modernizations can be seen in the current modernization PDF published by the county executive compared to the PDF in the Master Plan. With respect to RROCs, the only project shown in the FY 2009-14 Capital Improvements Program (CIP) is for Downcounty Consortium #29 (McKenney Hills Elementary School), and there were no expenditure or funding changes from the Master Plan.

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

Addition projects bid in FY 2008 bid at \$287 per square foot. Since none of these were new or total modernizations, based on market conditions, we believe it is reasonable to use \$276 per square foot for budgeting purposes.

3. *HVAC: What is the rationale behind the FY 2010 increase? The PDF states that the funds will address the backlog. Are there specific urgent situations that comprise the increase in effort? Roughly how many projects would this increase cover? Is the return to the previously approved level of effort in FY 2011 solely due to affordability reasons?*

The increase of \$4.4 million is to address the backlog of heating, ventilation, and air-conditioning projects due to aging school buildings that will not be modernized in the near future. In addition, holding schools and Montgomery County Public Schools (MCPS) offices have very old systems that need replacement to keep functioning for their intended purpose. The increase in FY 2010 will cover approximately seven more projects in addition to the ones already planned and fund three additional positions to implement the larger program. We anticipate needing a substantial increase in the FY 2011-2016 CIP to continue this program.

4. *County Water Quality Compliance: Please provide more information regarding this new mandate, including the timeframe for compliance and completion of the system-wide plan. How will this project differ from stormwater management and water and indoor air quality? What are the implications of the county executive's recommendation not to fund the project? How would MCPS comply with the requirements in the absence of funding?*

The County Water Quality Compliance project is a request to provide funding for compliance with the requirements of the Federal Clean Water Act, as administered through State of Maryland water discharge permits. There are two separate discharge permits that require environmental plans and compliancy actions for MCPS to be in compliance.

First, the General Discharge Permit for industrial use sites requires MCPS to develop, maintain, and implement "pollution prevention plans" for its bus and maintenance depots. In addition to developing new pollution prevention plans, this project will fund required facility upgrades required by the General Discharge Permit. Substantial improvements to these facilities, such as bus wash water recycling and fuel station canopies, have been completed at these facilities to meet the environmental requirements. However, additional modifications are needed to meet the current requirements.

Second, the State of Maryland, Department of the Environment (DEP), has reissued a draft National Pollution Discharge Elimination System (NPDES) permit to the county. Although this permit traditionally applies to municipal operators of stormwater systems in urban and suburban areas, the county DEP has informed us that several county and state environmental groups lobbied for the inclusion of MCPS as a co-permittee under the county's NPDES. As the county, administered by DEP, has been required to operate under a NPDES permit since the 1990s, we have relied on DEP to assist MCPS in understanding what would be required by the NPDES permit. Given that this is a new area of regulation, we understand that MCPS is required to develop a NPDES plan to address the stormwater system and discharges from all MCPS sites and facilities. In this plan, MCPS is expected to provide action plans for a variety of projects, including:

- GIS mapping of on-site stormwater devices, piping, and channels.
- Site assessments and evaluations of potential sources of pollution with special emphasis on sites within stream valleys that exceed the maximum daily allowance for certain types of pollution.
- Action plans directed at facility modifications and/or practices to minimize or mitigate the pollution sources and their discharge into the storm water system.

In addition, MCPS is required to provide an annual report to DEP for incorporation in the County's Annual NPDES Report. Therefore, MCPS will require substantial funding to comply with the planning, implementation, and reporting requirements of the General Discharge Permit and the NPDES Co-Permit.

With regard to the Stormwater Management project, this was a limited project that was strictly focused on improvements to existing stormwater management devices to bring them into compliance for acceptance by DEP to include in its maintenance program. The requirements under the General Discharge Permit and the NPDES

permit are much broader. In addition, the Stormwater Management project is in the final stages of completion, and the ongoing maintenance of the stormwater maintenance devices is being conducted by DEP along with the county and M-NCPPC's facilities.

With regard to the water and indoor air quality, this project is strictly limited to indoor air quality (IAQ) and drinking water. There is no relation to stormwater discharge quality from MCPS sites.

If MCPS is not provided funding for this project, then MCPS will not be able to undertake the pollution prevention plans, the NPDES plans, or the facility modifications called for under these plans. These efforts all require contractors.

5. Relocatable Classrooms:

- *When you do expect the Relocatables supplemental to be approved by the BOE and transmitted to the Council?*

February 23, 2009

- *Please describe any ongoing IAQ work remaining. Last year, MCPS indicated that it was finishing up its inspections of all units and that all units that were found to be unacceptable had been returned.*

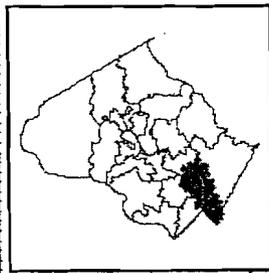
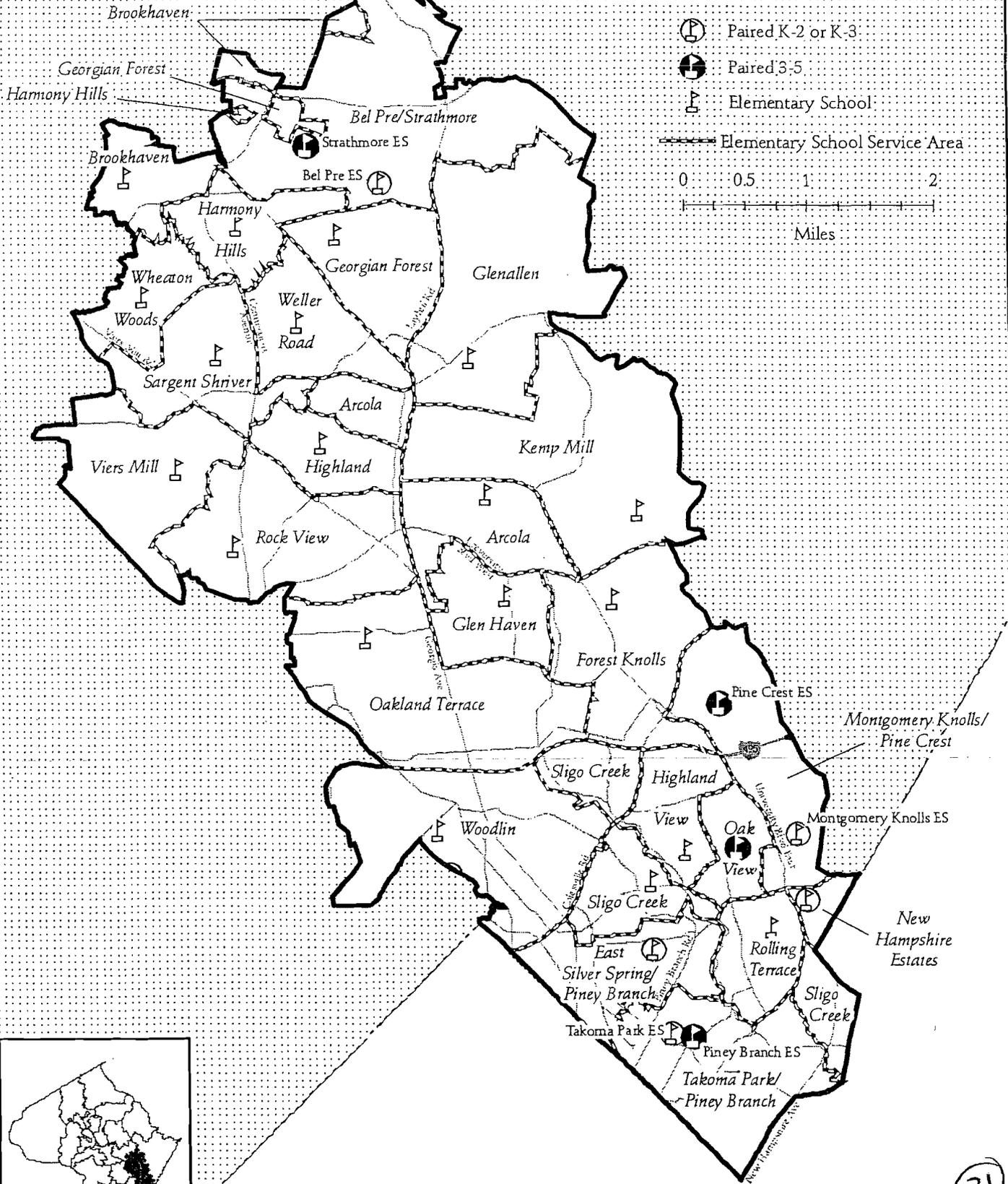
Two additional units have been identified to be returned to the vendor due to IAQ concerns. There are 82 units that are in fair condition that can be updated to good condition by utilizing the maintenance funds for relocatables to make repairs.

- Please update the chart below (which was in my packet last year) for the FY10 assumptions.

FY 2010/Summer 2009

	<u>Units</u>	<u>Unit Cost</u>	<u>Total Cost</u>
Moves	34	\$75,000	\$2,550,000
New	13	75,000	975,000
Returns	2	15,000	30,000
Contingency			70,000

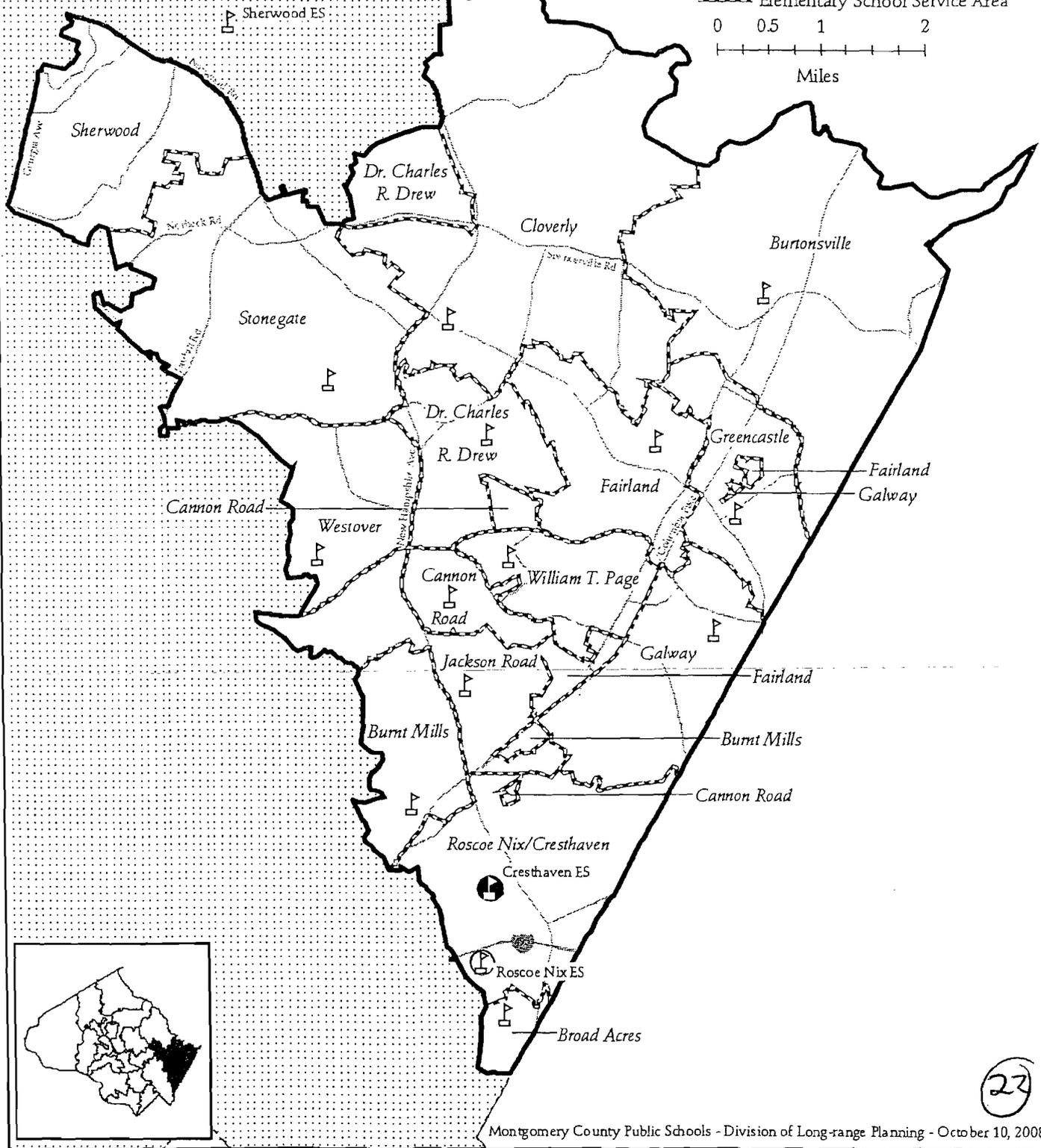
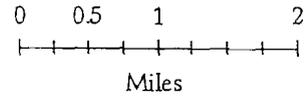
Downcounty Consortium Elementary Schools



Northeast Consortium Elementary Schools

-  Paired K-2
-  Paired 3-5
-  Elementary School

 Elementary School Service Area



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