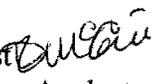


ED COMMITTEE #1,2,3,&4
March 11, 2010
Worksession

MEMORANDUM

March 9, 2010

TO: Education Committee

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

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

Today the Education Committee will continue its review of the MCPS FY11-16 Capital Improvements Program. The Committee met on March 2 and received an overview of the Board of Education's FY11-16 CIP request and discussed selected capacity projects. The Committee also reviewed two multi-agency projects related to the relocation of MCPS and M-NCPPC facilities in the Shady Grove Sector Plan.

Today the Committee will:

- receive requested follow-up information on the multi-agency relocation projects;
- review Countywide projects;
- review the proposed modernization schedule and related project costs;
- consider a supplemental appropriation for relocatable classrooms; and
- discuss priorities for capacity related capital projects.

PART I: MULTI-AGENCY RELOCATION PROJECTS

MCPS Food Distribution Facility Relocation

MCPS and M-NCPPC Maintenance Facilities Relocation

The Committee discussed these projects with representatives from the Executive branch, Board of Education, MCPS, and M-NCPPC at its March 2nd worksession.

The Committee expressed its concern about the planning and level of funding for these projects and whether they will meet the long term needs of the school and park systems.

The Committee requested that the Council hear from the Board of Education regarding these projects. Board President O'Neill said that the Board would take these projects up at a future meeting and forward any concerns and recommendations.

The Committee said that it would consider a request from the Executive branch to appropriate a lesser amount of funding for these projects that could be used for limited studies that might be needed in the site planning and POR process. At the time of this packet, Council staff had not received a response on the amount of money that would be needed for these purposes.

ED Committee Tentative Recommendations

The Committee tentatively agreed to the following recommendations regarding the MCPS Food Distribution Facility Relocation project (PDF on circle 1):

- Approve expenditure schedule as recommended by the County Executive.
- Do not appropriate funds at this time. Return to review projects once master site planning is complete.
- Add the following language to the PDF:

Amend **ESTIMATED SCHEDULE** section to say, Master site planning for the Webb Tract will begin in April 2010 and is expected to last for six months. The design phase the MCPS Food Distribution Facility will commence during the fall of 2010 and is expected to last 12 months...

Add to **JUSTIFICATION** section, Projected Space Requirements for MCPS Division of Food and Nutrition Services (Delmar Architects, 2005) to the section on plans and studies supporting this project.

Add to **FISCAL NOTE** that the cost estimate is based on construction of a facility that is the size of the current Food Distribution Facility and may be adjusted if the facility is modified to meet future needs.

Add to the **OTHER** section, The PSTA and Multi-Agency Service Park (PDF No. 470907) appropriated \$46.546 million for the purchase of the Webb Tract and \$1.695 million for master site planning. Approximately one-half of this cost is required for the relocation of the MCPS Food Distribution Facility and MCPS and M-NCPPC Maintenance Facilities.

The Committee tentatively agreed to the following recommendations regarding the MCPS and M-NCPPC Maintenance Facilities Relocation project (PDF on circle 2):

- Approve expenditure schedule as recommended by the County Executive.
- Do not appropriate funds at this time. Return to review projects once master site planning is complete.
- Add the following language to the PDF:

Amend the **ESTIMATED SCHEDULE** section to say, Master site planning for the Webb Tract will begin in April 2010 and is expected to last for six months. The design phase for the MCPS and M-NCPPC Maintenance Facilities will commence during the fall of 2010 and is expected to last 15 months.

Add to **JUSTIFICATION** section, Projected Space Requirements for MCPS Division of Maintenance (Delmar Architects, 2005) to the section on plans and studies supporting this project.

Add to **FISCAL NOTE** that Interim Financing will be used for land acquisition and project costs in the short term...(PDF only notes land costs.)

Add to the **OTHER** section, The PSTA and Multi-Agency Service Park (PDF No. 470907) appropriated \$46.546 million for the purchase of the Webb Tract and \$1.695 million for master site planning. Approximately one-half of this cost is required for the relocation of the MCPS Food Distribution Facility and MCPS and M-NCPPC Maintenance Facilities.

PART II: COUNTYWIDE PROJECTS

MCPS staff reports that the decreased construction costs currently affecting capacity building projects are not being realized in the countywide systemic projects. The Board has requested increases in many of the countywide projects due to inflationary cost increases, increased scope of work, and in some cases increased level of effort. PDFs for Countywide projects are attached at circles 4-20.

Council staff acknowledges the backlog of systemic projects in MCPS and the need to move as quickly as possible to maintain and improve critical system elements. **However, in the current fiscal environment, Council staff suggests that some of these projects may be reasonable areas for reductions, if savings are necessary later in the budget process to reconcile agency budgets within affordability guidelines.**

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

COUNTYWIDE PROJECTS WITH INFLATIONARY COST INCREASES

The Board's recommendation reflects a 10% increase for the following projects. MCPS states that this is due to inflationary cost increases in materials and equipment, as well as some changes to codes and regulations (circle 22). **Council staff recommends approval as requested of the following four projects:**

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

Design and Construction Management

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

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

Planned Asset Lifecycle Replacement (PLAR)

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

MCPS reports that the Board's requested increase is primarily due to the inflationary factors described above, as well as some additional regulatory mandates (circle 22). MCPS states that the same number of projects will be completed as in the previous CIP level of funding. In the summer of 2009, MCPS completed 283 PLAR projects.

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

COUNTYWIDE PROJECTS WITH REDUCED RECOMMENDED FUNDING

School Gymnasiums

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

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

School Security Systems

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

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

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

Improved Safe Access to Schools

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

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

This project has previously been included as a level of effort project, with funds shown in each year. The Board's current request includes funds only for FY11 and FY12, and removes funding from the rest of the CIP, resulting in the overall reduction for the project. MCPS states (circle 25) that this is because safe access projects are identified on an annual basis.

Council staff is concerned about removing funds and capacity from the outyears given the near certainty that this project will continue to have recommended improvements. These projects have high priority as health and safety projects, and it is unlikely that identified safe access projects would not receive funding at some level. **The Committee may want to discuss with MCPS the projections for these types of projects and how funding will be secured for them if the current bond capacity is removed from the six-year period. Council staff suggests that the Committee consider restoring some level of effort funding for this project through the six-year period, if resources are available during reconciliation.**

COUNTYWIDE PROJECTS WITH INCREASED LEVEL OF SCOPE OR EFFORT

HVAC Replacement: MCPS

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

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

MCPS has previously noted the extensive backlog of HVAC projects, and the priority that the school system places on these replacements. On circle 23 MCPS also explains that while large HVAC projects are experiencing lower bid costs, smaller projects are not. MCPS also states that there are more small than large projects in this CIP project, which means that significant project savings have not been realized.

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

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

Indoor Air Quality

| (Water and) Indoor Air Quality | 6 Years | FY09 | FY10 | FY11 | FY12 | FY13 | FY14 | FY15 | FY16 |
|--------------------------------|---------|-------|-------|-------|-------|-------|-------|-------|-------|
| - FY11-16 Board Request | 12,528 | | | 2,088 | 2,088 | 2,088 | 2,088 | 2,088 | 2,088 |
| - FY09-14 Approved | 7,800 | 1,300 | 1,300 | 1,300 | 1,300 | 1,300 | 1,300 | 1,300 | 1,300 |
| change from approved | 4,728 | | | 788 | 788 | 788 | 788 | 788 | 788 |
| percent change from approved | 61% | | | | | | | | |

This project funds mechanical retrofits and other modifications necessary to address schools experiencing Indoor Air Quality (IAQ) problems. The Board's request increases the level of funding for this effort by 61 percent, or \$788,000 in each fiscal year.

MCPS states that the system has experienced significant increases in requests for IAQ services in recent years, and that the project is now reacting to a backlog of projects. The requested increase is to address a larger number of projects. For FY11, MCPS anticipates the following level of work:

| Project Scope | Average # of Schools | Cost |
|-----------------------------|----------------------|------------------|
| Ceiling Tile Replacement | 11 | 1,455,000 |
| Floor covering replacement | 20 | 497,000 |
| Pipe insulation replacement | 1 | 48,000 |
| Total | | 2,000,000 |

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

Restroom Renovations

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

This project was initiated in FY05 to provide needed modifications to specific areas of restroom facilities. The first phase of restroom renovations evaluated all schools that were built or renovated before 1985; this phase was completed in FY10 and addressed a total of 47 schools (list of completed renovations on circle 30).

In FY10 MCPS conducted a second assessment for restroom renovations (detail on circle 25). This assessment evaluated 110 schools, including holding facilities, all built or modernized between 1985 and 1999. The Board's request includes 71 schools (list of proposed renovations on circle 29). **Council staff recommends approval as requested by the Board of Education.** However, Council staff also suggests that this is a project that could be adjusted if necessary for reconciliation by reducing number of facilities accomplished in each year, which would extend the requested renovation schedule.

Stormwater Discharge and Water Quality Management

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

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

The Board’s FY11-16 request merges these two projects and recommends a level of funding for both across the six year period. MCPS has provided a detailed breakdown of the requested funding components on circles 25-26 as well as an update on the permit activities initiated last year. Highlights include:

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

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

ADA Compliance

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

This project provides program accessibility for all MCPS activities and facilities when modifications or improvements are needed to existing buildings. MCPS states that the increase in FY11 is due to an elevator at Damascus Elementary School, and the increased level of effort throughout reflects increased costs and efforts to remediate polling places and high schools identified as emergency shelters (circle 23). **Council staff recommends approval as requested by the Board of Education.**

Building Modifications and Program Improvements

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

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

For the two previous CIP cycles in which this project has been active, the Board of Education has requested funds only for the imminent fiscal years and identified schools to receive projects. The Board’s FY11-16 request would shift this project to a level of effort project with funding across the six years. The PDF states that “facility modifications in FY2012 and beyond will be determined based on the need for space modifications/ upgrades to support new or modified program offerings”. MCPS reports (circles 24-25) that this change was made to reflect the “backlog of potential projects that could be addressed.”

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

In the FY09-14 CIP, the Board requested and the Council approved funds for three years, through FY11. The PDF (circle 6) lists the 15 schools included in the approved amount for these three years.

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

Technology Modernization

| Technology Modernization | 6 Years | FY09 | FY10 | FY11 | FY12 | FY13 | FY14 | FY15 | FY16 |
|------------------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| - FY11-16 Board Request | 139,785 | | | 19,889 | 19,501 | 21,847 | 25,313 | 26,393 | 26,842 |
| - FY09-14 Approved | 118,706 | 19,643 | 18,897 | 19,889 | 19,501 | 20,341 | 20,435 | | |
| change from approved | 21,079 | | | - | - | 1,506 | 4,878 | | |
| percent change from approved | 18% | | | | | | | | |

This project supports nearly all technology equipment purchases for the school system, and includes 20.5 workyears. The project is funded primarily with Current Revenue, divided between General and Recordation Tax Current Revenue, with programmed Federal Aid reflecting Federal reimbursement under the e-rate program. The Board’s requested \$21 million (18 percent) increase in the six-year period reflects costs associated with the desktop replacement cycle.

Issue #1: Desktop Replacement

MCPS finances its computer purchases over four years with maintenance agreements built into the agreements, and cascades replaced computers to other areas in MCPS. MCPS has previously replaced its computers on a four-year cycle.

For the FY10 capital budget and the Amended FY09-14 CIP, the Council approved a reduction in FY10 appropriation and FY11-12 programmed expenditures associated with a temporary extension of the replacement cycle to five years. The Board’s request maintains this extended cycle in the FY11 and FY12 request, which are identical to the approved levels. For FY11, the school system expects that the funds will

support replacements at a total of 46 schools: three high schools, 14 middle schools, and 29 elementary schools.

In making this reduction, the Council stated its intent to consider how to resume the four year cycle in the CIP. The Board's requested increase in fiscal years 13-16 would return the replacement cycle to four years by the end of the six-year period. The chart on circle 33 shows the schedule of finance payments and indicates that the increase in FY13 will re-initiate the reduced cycle, with additional finance payments in FY14-16 to complete the expenditure. Presumably, the FY17 requested funding would return to the slightly lower level of effort required when the "catch up" phase is complete.

The Committee may want to discuss whether it is ready at this time to plan for resuming the four year cycle in FY13. The approved level of funding in FY13 reflects four year funds previous to last year's reduction; if the increase is not approved MCPS would not be able to begin the "catch up" phase of its replacement cycle. **Given that the Board's request is consistent with the initial reduction through FY12, Council staff supports the requested outyear increase** with the caveat that the Council could maintain the extended five year cycle in the future if revenue constraints continue beyond FY12.

At this time, complete budget information is not available on the replacement cycles of other agencies for FY11. Last year's reduction was taken consistent with Council action for other agencies' modernization schedules. The Committee may need to reconsider FY11 funding for this project if the Council chooses to review desktop replacement cycles as a cross-cutting agency expenditure issue.

New position: The Board's request includes one new, permanent, full-time position funded in this project. MCPS states that the position is necessary to complete computer repair and parts replacement in the last years of equipment service prior to replacement. MCPS also states that given the cost of additional years of warranty in both the current five year and proposed four year replacement cycle, it is less expensive to conduct the work internally than to purchase the extended warranty (circle34).

Issue #2: Interactive Technology Initiative

In the amended FY09-14 CIP, the Council programmed expenditures and resources associated with the school system's interactive technology initiative, which installed Promethean Boards and associated components in approximately two-thirds of all secondary classrooms. The Council programmed e-rate funds available from an unexpended balance across FY10-12, and specified that future e-rate funds to be spent for this initiative would be programmed and appropriated in this project as well.

The Board's request reflects these funding assumptions, but does not add new Federal dollars for FY11. Council staff understands from MCPS that e-rate funds received in FY10 to date total \$1.49 million, and that these funds combined with the \$1.8 million balance funds programmed for FY10 covered the FY10 payment for the initiative.

For FY11, MCPS projects a slight increase in e-rate funding due to the growing percentage of students eligible for Free and Reduced Meals (FARMS) in the system. For FY11, new e-rate funds of \$1.7 million combined with the unspent balance programmed in FY11 would be sufficient to meet the FY11 payment. **Council staff recommends programming the projected new e-rate funds as Federal Aid for FY11, and appropriating them in FY11 for this purpose.**

Council staff also recommends showing the projected new e-rate funds as a resource for FY12, which would add \$1.7 million in Federal funding to that year as well. The Council typically assumes anticipated revenues and then adjusts accordingly. MCPS stated in discussions last spring that in the absence of additional funding the school system would reprioritize technology funding in the capital budget to meet the payment obligation. Only approximately \$300,000 of the unexpended balance will remain for FY12, resulting in a possible \$1.4 million shortfall of Federal aid to support the initiative in FY12. The Committee may want to ask MCPS about potential options to address FY12 funding, and will need to finalize this issue with MCPS in next year's budget discussions.

Facility Planning

| Facility Planning: MCPS | 6 Years | FY09 | FY10 | FY11 | FY12 | FY13 | FY14 | FY15 | FY16 |
|------------------------------|---------|------|------|-------|-------|-------|------|------|------|
| - FY11-16 Board Request | 6,300 | | | 2,000 | 1,100 | 1,050 | 800 | 750 | 600 |
| - FY09-14 Approved | 2,363 | 898 | 540 | 220 | 445 | 260 | - | | |
| change from approved | 3,937 | | | 1,780 | 655 | 790 | 800 | | |
| percent change from approved | 167% | | | | | | | | |

This project funds feasibility studies and other planning work regarding the MCPS CIP. The project PDF states that the FY11 appropriation is requested for pre-planning of four modernizations, eight addition projects, and assessments of schools for the modernization schedule and the current holding facilities. The Board's request is a significant increase over the approved level. There are two primary reasons for the requested increase.

FACT Assessment: The school system is nearing the end of the list of schools that have already been assessed for modernization. A total of \$850,000 is requested in FY11 to conduct a new Facilities Assessment and Criteria Testing (FACT) study for 41 schools and the four elementary holding facilities.

A detailed description and history of the assessment process initiated in 1993 is attached on circles 38-40. The schools identified for assessment in this round are the remaining schools built or renovated before 1985. MCPS is reviewing the assessment methodology and developing the criteria. The criteria and process will then be reviewed by the Board of Education before assessments begin. The Committee will want to follow this process and receive an update following Board review, to understand the impact of any changes in the assessment tool or project scope on upcoming cycles of the CIP.

Environmental regulations: MCPS describes on circle 27 the impact of various environmental requirements including the Storm Water Management Act and Forest Conservation Laws. MCPS states that certain design activities will need to take place during facility planning to meet the current CIP schedule for some projects. MCPS estimates the additional cost to be between \$40,000 and \$100,000 per project, depending

on the size and scope of the project. MCPS also states that the facility planning costs will be offset by corresponding reductions in the individual projects.

Council staff recommends approval of the Facility Planning project as requested. If any significant changes are made to the project schedule of the MCPS CIP, this project may need to be adjusted to reflect the appropriate planning schedule.

NEW COUNTYWIDE PROJECTS

Clarksburg Depot Expansion Shady Grove Depot Replacement

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

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

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

PART III: CURRENT AND FUTURE MODERNIZATIONS

The Board of Education's request for Current Modernizations is \$606.2 million for the six-year period, a decrease of \$5.7 million from the latest amended FY09-14 CIP total of \$611.9 million. MCPS has updated all of its modernization projects to reflect more recent square foot bid experience; as the Committee has discussed, this is resulting in construction cost decreases in many cases. In addition, the Current Modernization project costs fluctuate as projects move into and out of the six-year period.

MCPS' modernizations are divided into two projects: Current Replacements/Modernizations and Future Replacements/Modernizations. Projects begin in the Future Modernization project and move into the Current Modernization project after a feasibility study is completed in the Facility Planning project and if design of the modernization is scheduled to begin in the first or second year of the CIP (FY11 or FY12

in this cycle). A full list of current and future modernizations in priority order is attached on circle 41. A funding breakdown by project is presented on circle 42.

The Board of Education’s request maintains the modernization schedule as currently approved, and reflects no change in scope to any project in the Current Modernization project.

The FY11 appropriation request is \$49.3 million, and includes planning funds for one project (Bel Pre ES), construction funds for three projects (Garrett Park ES, Cannon Road ES, and Paint Branch HS), and furniture and equipment for one project (Farmland ES).

The Board’s FY11-16 request for Future Modernizations is \$106.5 million, an increase of \$52.8 million over the FY09-14 approved level of \$53.8 million. The significant increase is due in part to the full costs for Seneca Valley HS as well as other projects moving into the six-year period. Taken together, the FY11-16 Board request includes a total of \$712.7 million for current and future modernizations, an increase of \$47 million over the approved total program.

Project Costs

Total project costs for modernizations are generally lower, resulting in an overall projected project cost decrease of 6.8 percent for the projects in the current modernizations. Projected costs vary by school due to site and project specific considerations. One factor adding costs to projects is new requirements for stormwater management that can add significant design and construction work depending on the site. The table below shows the current estimated full project costs (not funding requests) for the **current modernization** projects:

| Comp Date | Current Mods | Last approved | Requested | \$ Change | % Change |
|-----------|----------------------|----------------|----------------|----------------|--------------|
| Aug-10 | Cresthaven ES | 25,549 | 25,549 | 0 | |
| Aug-10 | Carderock Springs ES | 23,032 | 23,187 | 155 | 0.7% |
| Aug-11 | Cabin John MS | 44,072 | 38,572 | -5,500 | -12.5% |
| Aug-12 | Paint Branch HS | 111,495 | 96,495 | -15,000 | -13.5% |
| Aug-11 | Farmland ES | 21,482 | 21,482 | 0 | 0.0% |
| Jan-12 | Cannon Road ES | 24,260 | 25,925 | 1,665 | 6.9% |
| Jan-12 | Garrett Park ES | 28,266 | 25,016 | -3,250 | -11.5% |
| Aug-13 | Gaithersburg HS | 116,940 | 117,149 | 209 | 0.2% |
| Aug-13 | Glenallen ES | 27,069 | 29,091 | 2,022 | 7.5% |
| Aug-13 | Beverly Farms ES | 27,148 | 28,747 | 1,599 | 5.9% |
| Aug-13 | Weller Rd ES | 21,507 | 24,119 | 2,612 | 12.1% |
| Aug-13 | Herbert Hoover MS | 52,568 | 47,930 | -4,638 | -8.8% |
| Aug-14 | Bel Pre ES | 25,666 | 26,241 | 575 | 2.2% |
| Jan-15 | Candlewood ES | 25,910 | 20,034 | -5,876 | -22.7% |
| Jan-15 | Rock Creek Forest ES | 28,877 | 24,465 | -4,412 | -15.3% |
| Aug-15 | William Farquhar MS | 53,066 | 47,798 | -5,268 | -9.9% |
| Aug-16 | Wheaton HS | 108,351 | 91,187 | -17,164 | -15.8% |
| | Total | 765,258 | 712,987 | -52,271 | -6.8% |

While the overall six-year period in the requested CIP is decreased from the approved, there are funding increases in the middle years of the requested CIP. These year to year fluctuations are the result of projects moving in and out of the master project. In the requested CIP, two high schools (Richard Montgomery and Walter Johnson) move out of the funding request, while one (Wheaton) moves in. Some of the elementary school projects with cost increases shown above (Glenallen, Beverly Farms, Weller Road) add costs in FY12 and FY13. **Thus, while the project totals clearly save money in the aggregate, this does not necessarily result in yearly savings in total appropriation or expenditure.**

The **future modernization** projects reflect the current reduced square foot bid experience and show an overall project cost reduction of around 10 percent. The one significant outlier in the table below, Maryvale ES, is the result of a scope change to the project.

| Comp Date | Future Mods | Last approved | Requested | \$ Change | % Change |
|-----------|---------------------|---------------|-----------|-----------|----------|
| Aug-16 | Wayside ES | 21,161 | 18,678 | -2,483 | -11.7% |
| Aug-16 | Brown Station ES | 25,700 | 23,136 | -2,564 | -10.0% |
| Aug-16 | Wheaton Woods ES | 27,409 | 24,584 | -2,825 | -10.3% |
| Aug-17 | Seneca Valley HS | 113,628 | 102,914 | -10,714 | -9.4% |
| Aug-17 | Tilden @Woodward MS | 54,020 | 47,921 | -6,099 | -11.3% |
| Jan-18 | Potomac ES | 26,149 | 23,123 | -3,026 | -11.6% |
| Jan-18 | Maryvale ES | 61,684 | 25,193 | -36,491 | -59.2% |
| Jan-18 | Luxmanor ES | 27,620 | 24,410 | -3,210 | -11.6% |
| Aug-19 | Wootton HS | 113,084 | 99,598 | -13,486 | -11.9% |
| Aug-19 | Eastern MS | | 48,438 | | |
| | Total | 470,455 | 437,995 | -80,898 | -6.9% |

While the estimated project totals are down, the six-year request for future modernizations is up significantly. This is the result of several projects moving more fully into the six year period, including Seneca Valley HS. The largest increases in this project are in FY15 and FY16.

Artificial Turf

The two most recent high school modernizations (Richard Montgomery and Walter Johnson) have replaced the stadium fields with artificial turf rather than grass. The Committee has discussed with MCPS the potential benefits for school and community use of replacing high school fields with turf in future modernizations as well.

MCPS states that the standard program of requirements for high school fields remains grass, and that no additional costs for turf are programmed or requested in the FY11-16 CIP. However, MCPS will bid a turf field as an alternate to the project; if the bid is lower, turf can be installed and if it is higher, MCPS will pursue alternative funding options or partnerships similar to those at Richard Montgomery and Walter Johnson. The three high schools requested in the current modernization program are Paint Branch (opening 8/12) and Gaithersburg (8/13), followed by Wheaton (8/16).

Council staff notes that part of the funding for the Walter Johnson field came from unexpended contingency funding in the modernizations. The Committee may want to discuss whether given the current bid experience and project cost reductions discussed above, MCPS anticipates that additional contingency or other project funds may again be available to cover field costs.

Last spring, the Council asked Council staff to work with the Department of Permitting Services and the Department of Environmental Protection to further review the environmental impact and water quality management of artificial turf compared to grass. Council staff is compiling the requested information, and working with the members of the Transportation, Infrastructure, Energy, and Environment Committee to determine next steps for review.

Rehabilitation/Renovation of Closed Schools (RROCS)

The Board of Education's request for this project adds funds for two new facilities. Both facilities will add holding school capacity to accommodate and potentially accelerate the MCPS construction schedule. (The Committee has already discussed the RROCS funding for re-opening McKenney Hills in the context of capacity for Oakland Terrace and Woodlin Elementary Schools.)

The Board's request includes \$16.8 million to re-open the **Broome** facility (\$1.4 million in FY15 and \$15.5 million in FY16). MCPS intends to use Broome as a middle school holding facility. This facility is currently owned by Montgomery County, and has housed the Board of Elections as well as several other non-profit health and human services. Council staff understands that the County has relocated or has plans to relocate many of the services in Broome, and that the remaining elements of the relocation process are on track to meet the Board's requested schedule.

The request also adds \$13.6 million to renovate the existing **Woodward** facility (\$1.3 million in FY15 and \$12.4 million in FY16). Currently, the Woodward facility is the home of Tilden Middle School, and the Tilden holding facility is used to house middle schools during modernization. Tilden at Woodward has been in the modernization queue (funding begins in FY14 in Future Modernizations). This recommendation would use the modernization program to modernize the Tilden holding facility and return Tilden Middle School to Tilden. RROC's funding would renovate Woodward for use as a holding school for middle schools with the possibility of being a holding school for high schools as well.

The table on circle 40 indicates the current pressures on the holding facilities. The schedule for holding schools is packed tightly, with no room for changes or delays in construction schedules without upsetting the balance of the holding school transitions. These additional facilities may help alleviate this scheduling pressure. **Council staff recommends approval of RROCS as requested by the Board of Education.** Council staff notes, however, that these projects could be delayed, if necessary for spending

affordability in the outyears, without affecting the currently programmed or requested construction schedule.

Council staff recommendation: Council staff supports the modernization program as requested by the Board of Education. Given that the Board’s request already reflects anticipated cost reductions, savings can only be achieved through delaying the schedule. It is difficult to delay elementary modernizations without major disruption to the holding facility schedule, as noted above. Significant savings occur from delaying high school modernizations; however, this approach was taken two years ago. Many of the modernization projects add capacity, as discussed in Part V below, and all accomplish significant maintenance and system upgrade requirements. Given these parameters, Council staff is reluctant to recommend savings in the modernization project unless reconciliation affordability problems arise of a magnitude that would require it.

PART IV: RELOCATABLE CLASSROOMS

FY11 Relocatable Classrooms Request

On February 23 the Board of Education transmitted a FY10 special appropriation request to the Council for relocatable classrooms to be moved and rehabilitated this summer (circles 46-51). Introduction of the special appropriation/amendment¹ occurred on March 2. A public hearing and action is scheduled for March 16 at 1:30 PM. On March 4, the County Executive forwarded his recommendation to approve the Board’s request as proposed.

This following chart breaks out the components of the request:

| FY11 Relocatable Classrooms Project Costs | | | |
|--|--------------|------------------|-------------------|
| | Units | Unit Cost | Total Cost |
| Moves | 85 | 65,000 | 5,525,000 |
| - New | 72 | | |
| - Existing | 13 | | |
| Returns | 25 | 10,000 | 250,000 |
| Design per site | 42 | 7,000 | 294,000 |
| Fencing | | | 21,000 |
| Maintenance (Rehabs) | | | 500,000 |
| Contingency | | | 160,000 |
| Total | | | 6,750,000 |

Each year, many units are moved from where permanent classroom additions are completed. However, exactly where the units will go is more complicated and won’t be firm until revised enrollment projections for each school (and the number of teaching stations required) are finalized later this spring.

¹ The FY10 special appropriation request is also an amendment given that in addition to MCPS’ request to accelerate the appropriation assumed in the FY09-14 amended CIP, MCPS is also requesting a sizable increase in its FY11 expenditures (from \$2.5 million approved to \$6.75 million).

The bulk of the request is for the movement and placement of the units (both existing and new). The move cost (an estimated \$65,000 per unit) covers the first year lease, moving, utilizes, and furniture and equipment. The “per unit” cost is similar to costs assumed in past years. The reason for the substantial increase in the overall request is the number of moves now assumed.

Units that have reached the end of their 5 year lease and are no longer needed where they are located now are assumed to be returned to the vendor. To make up for these returns, new units will be leased and brought in directly to the sites that will need more units. The extra cost of the return (\$10,000) is assumed to be offset by the reduced maintenance costs from removing the older units from service. The newer units also take up less space on a site, since groups of the newer units can be placed closer together.

Design, fencing, and maintenance costs (plus a contingency) make up the rest of the cost and are similar to costs assumed in past years.

Relocatables Reduction Plan

Relocatable classrooms are not assumed to be a long-term solution for space needs at school sites. There are several reasons for trying to size permanent space appropriately and reduce the need for relocatable classrooms on school sites. These reasons include: operational concerns, security complications, loss of school space (such as parking and ballfields), and the fact that the longer relocatable classrooms are needed on a site, the less cost-effective they become as compared to a permanent addition. From a community perspective, relocatable classrooms are unpopular for the above mentioned reasons as well as for their unsightliness (as compared to permanent space).

On April 11, 2007 the Superintendent presented information to the Board of Education regarding expected reductions in relocatable classrooms over the next six years (FY09-14). The Superintendent’s goal was to reduce the number of relocatable classrooms being used to address long-term space needs and, at the same time, to improve the overall condition of the relocatable classrooms that are still needed.

Two years ago, the Board’s Proposed FY09-14 CIP assumed to reduce the number of enrollment-related relocatable classrooms from 452 to 260 (a reduction of 202, or 45%). At the time MCPS was using 566 relocatable classrooms (i.e. 114 for non-capacity purposes). The reduction plan was possible because enrollment increases had slowed in recent years and MCPS was able to reduce its number of relocatable classrooms as school additions and capacity increases from modernizations came on line.

As a result of this initiative, the Relocatable Classrooms project was approved in FY09 with cost reductions assumed throughout the six-year period. However, FY10 dollars were up from FY09 as part of the Amended FY09-14 CIP. Now, FY11 dollars are assumed to increase as well.

With enrollment trending upward again and with several high school modernizations coming up in the modernization schedule, it is likely that future reductions of relocatable classrooms will take longer than previously expected.

Benefits of Relocatable Classrooms

There are a number of benefits to utilizing relocatable classrooms including:

- The costs to eliminate the use of most or all relocatable classrooms would be staggering.
- As noted above, some relocatable classrooms are used for day care or other non-educational purposes, for which MCPS would not support the use of MCPS dollars to build permanent space.
- Short-term fluctuations in enrollment can be more quickly, efficiently, and cost-effectively addressed with relocatable classrooms than with permanent additions.
- Some schools are already built-out to their core capacity. MCPS does not recommend building more classrooms than the core space of a school can handle. In these cases, relocatable classrooms are used until a boundary change is done to better balance out the cluster's enrollment with available capacity.
- The use of relocatable classrooms has allowed for the timely implementation of initiatives such as Full-Day K and class size reduction. Future initiatives may require similar flexibility.

Latest Trends

MCPS currently uses 551 relocatable classrooms for a variety of purposes (see circle 52 for full details). 40 units are in use at various schools to accommodate phased construction activities. 50 units are being used at holding schools. Another 24 units are being used for miscellaneous purposes at schools and non-school locations. The remaining 437 units are spread across elementary, middle, and high schools and are being used to address capacity issues (426) or provide day care space (11).

As shown in the chart below, the number of relocatables in use is up from FY09 (although still below FY08 levels). Even with major projects like the Walter Johnson High School phased modernization winding down (and the number of relocatable classrooms there nearly cut in half) other areas of need (such as other phased construction work and general enrollment pressures) more than offset that reduction.

Use of Relocatable Classrooms

| | FY08 | FY09 | FY10 |
|----------------------------|-------------|-------------|-------------|
| Phased Construction | 45 | 41 | 40 |
| - Walter Johnson HS | 45 | 39 | 22 |
| - Other | | 2 | 13 |
| Holding Schools | 41 | 43 | 50 |
| Day Care | 11 | 11 | 11 |
| Enrollment | 454 | 413 | 426 |
| Misc | 24 | 24 | 24 |
| Total | 575 | 532 | 551 |

Council staff recommends approval of the Relocatable Classrooms FY10 special appropriation and amendment as proposed by MCPS, and the corresponding funding increase requested within the FY11-16 CIP.

PART V: CAPACITY PROJECTS

Results of March 2 Meeting

At the March 2 worksession, the Committee reviewed cluster utilization information, the annual growth policy test implications, and the general need for all of the addition projects requested by MCPS.

Council staff also discussed the Seven Locks Elementary School replacement/modernization and the Downcounty Consortium #29 (McKenney Hills Reopening) projects in particular. Both projects were previously approved and MCPS is seeking construction appropriations for FY11. Council staff recommended that both be approved as proposed. The Seven Locks ES modernization should not be considered for deferral at reconciliation unless the Committee chooses to consider deferring all elementary school modernizations (not recommended by Council staff as discussed earlier in this memorandum). The McKenney Hills Reopening is critically needed to address severe overcrowding at Oakland Terrace ES and Woodlin ES and the Committee concurred that this project should not be considered for deferral at reconciliation either.

Capacity from Modernizations

In addition to addressing facility condition and programmatic needs, most modernization projects also include increases in capacity. Since expenditures for every modernization are included in the CIP, new capacity assumed from modernizations that are completed by the 6th year of the CIP can be included in the AGP test. The following chart presents the modernization schedule (sorted by cluster) with the estimated seats to be added. Note: for modernizations in the outyears, the number of seats to be added (if any) are not yet known.

Modernization Projects with Significant Capacity Changes

| Project Name | Completion Date | Seats Added |
|---|------------------------|--------------------|
| Rock Creek Forest ES (B-CC Cluster) | Jan-15 | 288 |
| Cabin John MS (Churchill/Wootton Clusters) | Aug-11 | 240 |
| Hoover MS (Churchill Cluster) | Aug-13 | 170 |
| Beverly Farms ES (Churchill Cluster) | Aug-13 | 112 |
| Potomac ES (Churchill Cluster) | Aug-18 | TBD |
| Seven Locks ES (Churchill Cluster) | Jan-12 | 159 |
| Wayside ES (Churchill Cluster) | Aug-16 | TBD |
| Wheaton HS (Downcounty Consortium) | Aug-15 | TBD |
| Eastern MS (Downcounty Consortium) | Aug-19 | TBD |
| Bel Pre ES (Downcounty Consortium) | Aug-14 | 202 |
| Glenallen ES (Downcounty Consortium) | Aug-13 | 320 |
| Weller Road ES (Downcounty Consortium) | Aug-13 | 222 |
| Wheaton Woods ES (Downcounty Consortium) | Aug-16 | TBD |
| Gaithersburg HS | Aug-13 | 292 |
| Tilden MS (WJ Cluster) | Aug-17 | TBD |
| Farmland ES (WJ Cluster) | Aug-11 | 112 |
| Garrett Park ES (WJ Cluster) | Aug-12 | 184 |
| Luxmanor ES (WJ Cluster) | Aug-18 | TBD |
| Candlewood ES (Magruder Cluster) | Aug-15 | 136 |
| Paint Branch HS (Northeast Consortium) | Aug-12 | 347 |
| Farquhar MS (Northeast Consortium/Sherwood Cluster) | Aug-15 | TBD |
| Cannon Road ES (Northeast Consortium) | Aug-12 | 194 |
| Cresthaven ES (Northeast Consortium) | Aug-10 | 90 |
| Brown Station ES (Quince Orchard Cluster) | Aug-16 | TBD |
| Maryvale ES (Rockville Cluster) | Aug-18 | TBD |
| Seneca Valley HS | Aug-16 | TBD |
| Carderock Springs ES (Whitman Cluster) | Aug-10 | 149 |
| Wootton HS | Aug-18 | TBD |
| Totals | | 3,217 |

At least 3,217 seats will be added as a result of MCPS' proposed modernization program for FY11-16.

Prioritization of New Addition Projects

For the March 11 worksession, Council staff has reviewed each of the new addition projects in order to provide advice to the Committee as to which projects are the highest priority to keep on MCPS' requested schedule and which, while still justified, could be considered for a one or two year deferral depending on CIP reconciliation needs identified in early May.

The new addition projects are presented in alphabetic order in the following table:

| Requested Classroom Addition Projects | | | | | | | | | |
|---|----------------|--------------|---------------|---------------|---------------|---------------|---------------|---|--------------------------|
| Project Name | 6 Year | FY11 | FY12 | FY13 | FY14 | FY15 | FY16 | Comment | Relocatables On Site Now |
| Bradley Hills ES Addition (Whitman Cluster) | 14,249 | 585 | 4,065 | 3,894 | 5,705 | | | New: 4 classroom addition to open in August 2013 | 6 |
| Clarksburg ES (Clarksburg Village Site #1) | 27,966 | 784 | 8,389 | 7,673 | 11,120 | | | New: 740 seat school to open in August 2013 | n/a |
| Clarksburg HS Addition | 12,015 | - | 469 | 3,449 | 3,262 | 4,835 | | New: 18 classroom addition to open in August 2014 | 4 |
| Clarksburg/Damascus MS | 44,348 | | | 1,397 | 13,349 | 12,138 | 17,464 | New: 988 seat school to open in August 2013 | n/a |
| Damestown ES Addition (Northwest Cluster) | 11,100 | 466 | 3,022 | 3,069 | 4,543 | | | New: 10 classroom addition to open in August 2013 | 6 |
| Georgian Forest ES Addition (Downcounty Consortium) | 10,620 | 449 | 2,888 | 2,924 | 4,359 | | | New: 14 classroom addition to open in August 2013 | 10 |
| Somerset ES Addition (B-CC Cluster) | 1,516 | 1,380 | 136 | | | | | New: 4 classroom addition build-out to open during the 2010-11 schoolyear | 0 |
| Viers Mill ES Addition (Downcounty Consortium) | 11,177 | 477 | 2,870 | 3,092 | 4,738 | | | New: 14 classroom addition to open in August 2013 | 13 |
| Waters Landing ES Addition (Seneca Valley Cluster) | 8,827 | 268 | 3,626 | 3,487 | 1,446 | | | New: 11 classroom addition to open in August 2013 | 5 |
| Westbrook ES Addition (B-CC Cluster) | 11,805 | 497 | 3,180 | 3,244 | 4,884 | | | New: 15 classroom addition to open in August 2013 | 5 |
| Wyngate ES Addition (WJ Cluster) | 10,230 | 439 | 2,975 | 2,772 | 4,044 | | | New: 15 classroom addition to open in August 2013 | 10 |
| Totals | 163,853 | 5,345 | 31,620 | 35,001 | 57,450 | 16,973 | 17,464 | | 59 |

As first discussed at the March 2 meeting, Council staff did a detailed capacity analysis for each project (see circles 53-55). All of the projects have compelling capacity needs. At issue is whether the Council will be able to accommodate all of the requests on the schedule requested by the Board of Education when the Council reconciles the CIP in early May.

One major issue is the Annual Growth Policy test, and which of these projects are needed to avoid a cluster going into moratorium. Some projects could be deferred a year or two and still be completed in time for the additional capacity to factor into the AGP test (which counts any capacity scheduled to come on line by September 2015).

With regard to other issues beyond the AGP test, Council staff looked at a number of factors including: utilization at the specific school, cluster utilization, enrollment trends, site constraints, programmatic issues (such as Class Size Reduction), and linkages to other projects.

With these factors in mind, Council staff has grouped the projects into several categories:

- **Highest Priority - Do Not Defer**
 - Bradley Hills ES Addition: In addition to being a component of solving the AGP problem in the B-CC cluster, this project is also assumed to be done with the students housed at the Radnor Holding Facility. Since all of the holding facilities are booked solid throughout most of the FY11-16 period (see circle 40), any deferral in this addition would be difficult if not impossible to reschedule without affecting the modernization queue.

- Clarksburg/Damascus Middle School: Unlike all of the other addition projects, this project is already scheduled for completion in the AGP test year (August 2015). Therefore, a deferral in this project would create an AGP problem.

Council staff suggests that these two projects in particular should be given highest priority in the context of CIP reconciliation in early May.

- **Next Priority Level – Deferrals Would be Problematic**

- Darnestown ES: This small school has a very high projected utilization rate with six relocatable classrooms already on the site with enrollment continuing to go up. Site issues are further complicated because of the school's septic system which limits flexibility on the site. This is also the only elementary school capacity project in the Northwest cluster that is ready to move forward now to address AGP concerns in FY16. A capacity study involving Germantown ES, Great Seneca Creek ES, and Spark Matsunaga ES is planned for FY11. Any projects that come out of that study would take up expenditure capacity in the later part of the CIP period.
- Georgian Forest ES and Viers Mill ES: In addition to very high overutilization projected, both of these schools have a number of factors arguing against any deferral: Both schools already have a high number of relocatable classrooms on their sites (10 and 13 respectively) and enrollment is still increasing at both schools. Both schools are also class size reduction schools and on relatively tight sites making the use of additional relocatable classrooms problematic.
- Westbrook ES: Utilization is high at the school and the addition is needed to pass the AGP test in FY16. There are five relocatable classrooms at the site. The site is the largest of the B-CC elementary school sites, but a significant part of the site is wooded. Enrollment is expected to increase at the school, complicating the swing space needs of the addition project

All of these projects are urgent as well but their completion dates are more flexible than the two projects in the highest priority category. They could be considered for one or two year delays without affecting the AGP test, although there would be operational and site challenges to doing so.

- **The Other Additions – Justified but lower priority than the above projects**
 - New Clarksburg ES: The school is needed for AGP purposes but could be delayed one or two years while meeting this test. The Fox Chapel addition (previously approved) will help but the new school is still needed in the six-year period.
 - Clarksburg HS: The school is needed for AGP purposes but could be delayed **one year** while meeting this test.
 - Somerset ES is unique in that the addition would be done within existing shell space and would thus be cheaper and faster than other additions. This school is also part of the puzzle in addressing the moratorium issue in the B-CC cluster. However this addition is smaller than the other additions involving this cluster (Bradley Hills ES, Rock Creek Forest ES modernization, and Westbrook ES) and thus has less of an impact on AGP.
 - Waters Landing ES: Utilization is high at the school and five relocatable classrooms are in use. This is a class size reduction school. However, the Seneca Valley cluster would not fall into moratorium without the addition and the site is larger than some of the other school addition sites which gives it some flexibility to add relocatable classrooms until an addition can be completed.
 - Wyngate ES: Major over utilization at the school is projected, but with Farmland and Garrett Park modernizations opening during the six-year period, the Walter Johnson cluster does not have the same AGP pressures as some other clusters.

These addition projects are well justified but possible deferrals present fewer issues than with the previous sets of projects.

Below is a summary of the fiscal impact under one and two year delay scenarios. All of the scenarios assume to keep Bradley Hills ES and the new Clarksburg/Damascus Middle School on schedule. All of the scenarios also assume to defer the Clarksburg High School Addition no more than one year (in order to keep its completion date within the AGP test timeframe of August 2015). The options look at deferring some or all of the other projects one or two years. These numbers are provided for informational purposes only to give Councilmembers a sense of the expenditure impact of deferring multiple projects one or two years.

| Costs (Savings) From Deferring Capacity Projects | | | | | | | | |
|---|---------|---------|----------|----------|---------|--------|--------|--|
| | 6 Years | FY11 | FY12 | FY13 | FY14 | FY15 | FY16 | |
| Option 1A: Defer most new addition projects one year | - | (4,760) | (22,795) | (2,155) | (8,686) | 33,561 | 4,835 | Keep Bradley Hills and Clarksburg/Damascus MS on proposed schedule |
| Option 1B: Defer some new addition projects one year | | (2,871) | (12,724) | (1,786) | (2,491) | 15,037 | 4,835 | Defer new Clarksburg ES, Clarksburg HS Addition, Waters Landing ES, Wyngate ES |
| Option 2A: Defer most new addition projects two years | - | (4,760) | (27,555) | (24,481) | (7,861) | 24,688 | 39,969 | Keep Bradley Hills and C.D MS on proposed schedule. Defer all projects two years (except Clarksburg HS Addition) |
| Option 2B: Defer some new addition projects two years | - | (2,871) | (15,595) | (14,041) | (1,297) | 12,359 | 21,445 | Defer new Clarksburg ES, Waters Landing ES, Wyngate ES two years. Defer Clarksburg HS Addition one year |

All of the scenarios free up dollars early in the CIP at the expense of the later years. However, until the Council finishes its review of the entire CIP, we will not know which years are over-programmed (and by how much) and which years may have extra capacity.

SUMMARY OF COUNCIL STAFF RECOMMENDATIONS

1. Changes to the CIP request:
 - MCPS Food Distribution and MCPS and M-NCPPC Maintenance Facilities: appropriation and text changes as outlined above, possible planning funds if specified
 - Add Richard Montgomery Cluster Solution Project to address AGP issues (from March 2)
 - Changes to the following projects, as detailed in the packet: Building Modifications and Program Improvements, Technology Modernization, and Improved Safe Access
2. Potential reconsideration of the following projects if savings are necessary during May reconciliation: HVAC, Indoor Air Quality, Restroom Renovations, RROCS, Ridgeview MS Improvements (from March 2)
3. Potential one or two year deferrals in some addition projects as prioritized above, if savings are necessary during May reconciliation
4. No changes to modernization program
5. Approval of FY10 special appropriation and amendment for relocatable classrooms

MCPS Food Distribution Facility Relocation -- No. 361111

Category
Subcategory
Administering Agency
Planning Area

General Government
County Offices and Other Improvements
General Services
Gaithersburg

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

January 10, 2010
No
None.
Planning Stage

EXPENDITURE SCHEDULE (\$000)

| Cost Element | Total | Thru FY09 | Est. FY10 | Total 6 Years | FY11 | FY12 | FY13 | FY14 | FY15 | FY16 | Beyond 6 Years |
|-----------------------------------|---------------|-----------|-----------|---------------|--------------|---------------|--------------|----------|----------|----------|----------------|
| Planning, Design, and Supervision | 3,209 | 0 | 0 | 3,209 | 1,931 | 995 | 283 | 0 | 0 | 0 | 0 |
| Land | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Site Improvements and Utilities | 3,685 | 0 | 0 | 3,685 | 591 | 2,365 | 729 | 0 | 0 | 0 | 0 |
| Construction | 20,838 | 0 | 0 | 20,838 | 1,259 | 15,138 | 4,441 | 0 | 0 | 0 | 0 |
| Other | 1,447 | 0 | 0 | 1,447 | 0 | 329 | 1,118 | 0 | 0 | 0 | 0 |
| Total | 29,179 | 0 | 0 | 29,179 | 3,781 | 18,827 | 6,571 | 0 | 0 | 0 | 0 |

FUNDING SCHEDULE (\$000)

| | | | | | | | | | | | |
|-----------------|---------------|----------|----------|---------------|--------------|---------------|--------------|----------|----------|----------|----------|
| Interim Finance | 29,179 | 0 | 0 | 29,179 | 3,781 | 18,827 | 6,571 | 0 | 0 | 0 | 0 |
| Total | 29,179 | 0 | 0 | 29,179 | 3,781 | 18,827 | 6,571 | 0 | 0 | 0 | 0 |

DESCRIPTION

This project is part of the Smart Growth Initiative and provides for design and construction of a new facility on the Webb Tract site on Snouffer School Road. The existing facility is located at the County Services Park on Crabbs Branch Way. The current MCPS Food Distribution Facility is about 58,000 square feet with 150 parking spaces for the staff and 8 loading docks. The new facility may include expansion space.

ESTIMATED SCHEDULE

The design phase will commence during the fall of 2010 and is expected to last twelve months, followed by approximately six months for bidding, with a construction period of approximately thirteen months.

JUSTIFICATION

In order to implement the County's Shady Grove Sector Plan which capitalizes on the existing investment in mass transit by creating a transit-oriented development community, the County Service Park at Crabbs Branch must be relocated. Relocation of the facilities at the County Service Park will enable the County to realize housing and transit-oriented development while also addressing unmet County facilities needs.

OTHER

Special Capital Projects Legislation will be proposed by the County Executive.

FISCAL NOTE

The project provides for complete design and construction. Interim financing will be used for this effort in the short term, with permanent funding sources to include G.O. Bonds and Land Sale Proceeds.

OTHER DISCLOSURES

- A pedestrian impact analysis will be performed during design or is in progress.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------------|---------|---------|---------------------|------|--------|---------------|--|--|-------------------------|--|---|--|--|--|-----------------------|------|--------|----------------------------|------|-----|------------------------------------|--|---|----------|--|---|--|--|--|--------------------------|--|---|-----------------------------|--|---|----------------------|--|---|--|--|--|-----------------------|------|---|----------------------|------|---|------------------------|--|---|--|---|
| <p>APPROPRIATION AND EXPENDITURE DATA</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Date First Appropriation</td> <td>FY11</td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>First Cost Estimate</td> <td>FY11</td> <td style="text-align: right;">29,179</td> </tr> <tr> <td>Current Scope</td> <td></td> <td></td> </tr> <tr> <td>Last FY's Cost Estimate</td> <td></td> <td style="text-align: center;">0</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>Appropriation Request</td> <td>FY11</td> <td style="text-align: right;">27,229</td> </tr> <tr> <td>Appropriation Request Est.</td> <td>FY12</td> <td style="text-align: right;">736</td> </tr> <tr> <td>Supplemental Appropriation Request</td> <td></td> <td style="text-align: center;">0</td> </tr> <tr> <td>Transfer</td> <td></td> <td style="text-align: center;">0</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>Cumulative Appropriation</td> <td></td> <td style="text-align: center;">0</td> </tr> <tr> <td>Expenditures / Encumbrances</td> <td></td> <td style="text-align: center;">0</td> </tr> <tr> <td>Unencumbered Balance</td> <td></td> <td style="text-align: center;">0</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>Partial Closeout Thru</td> <td>FY08</td> <td style="text-align: center;">0</td> </tr> <tr> <td>New Partial Closeout</td> <td>FY09</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Total Partial Closeout</td> <td></td> <td style="text-align: center;">0</td> </tr> </table> | Date First Appropriation | FY11 | (\$000) | First Cost Estimate | FY11 | 29,179 | Current Scope | | | Last FY's Cost Estimate | | 0 | | | | Appropriation Request | FY11 | 27,229 | Appropriation Request Est. | FY12 | 736 | Supplemental Appropriation Request | | 0 | Transfer | | 0 | | | | Cumulative Appropriation | | 0 | Expenditures / Encumbrances | | 0 | Unencumbered Balance | | 0 | | | | Partial Closeout Thru | FY08 | 0 | New Partial Closeout | FY09 | 0 | Total Partial Closeout | | 0 | <p>COORDINATION</p> <p>Department of General Services Montgomery County Public Schools Department of Transportation Maryland-National Capital Park and Planning Commission Department of Permitting Services Department of Finance Department of Technology Services Office of Management and Budget Washington Suburban Sanitary Commission Pepco Upcounty Regional Services Center Washington Gas</p> | <p style="text-align: center;">MAP</p> <p style="text-align: center;">SEVEN FORKS RD</p> <p style="text-align: center;">WOOTTON PKWY</p> <p style="text-align: center;">HALESWORTH DR</p> |
| Date First Appropriation | FY11 | (\$000) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| First Cost Estimate | FY11 | 29,179 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Current Scope | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Last FY's Cost Estimate | | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Appropriation Request | FY11 | 27,229 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Appropriation Request Est. | FY12 | 736 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Supplemental Appropriation Request | | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Transfer | | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cumulative Appropriation | | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenditures / Encumbrances | | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unencumbered Balance | | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Partial Closeout Thru | FY08 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| New Partial Closeout | FY09 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Partial Closeout | | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

MCPS & M-NCPPC Maintenance Facilities Relocation -- No. 361109

Category
Subcategory
Administering Agency
Planning Area

Transportation
Mass Transit
General Services
Gaithersburg

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

January 08, 2010
No
None.
Planning Stage

EXPENDITURE SCHEDULE (\$000)

| Cost Element | Total | Thru FY09 | Est. FY10 | Total 6 Years | FY11 | FY12 | FY13 | FY14 | FY15 | FY16 | Beyond 6 Years |
|-----------------------------------|--------------|-----------|-----------|---------------|--------------|--------------|----------|----------|----------|----------|----------------|
| Planning, Design, and Supervision | 4,447 | 0 | 0 | 4,447 | 2,577 | 1,870 | 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 | 4,447 | 0 | 0 | 4,447 | 2,577 | 1,870 | 0 | 0 | 0 | 0 | 0 |

FUNDING SCHEDULE (\$000)

| | | | | | | | | | | | |
|-----------------|--------------|----------|----------|--------------|--------------|--------------|----------|----------|----------|----------|----------|
| Interim Finance | 4,447 | 0 | 0 | 4,447 | 2,577 | 1,870 | 0 | 0 | 0 | 0 | 0 |
| Total | 4,447 | 0 | 0 | 4,447 | 2,577 | 1,870 | 0 | 0 | 0 | 0 | 0 |

DESCRIPTION

This project is part of the County Executive's comprehensive Smart Growth Initiative and provides for the planning and design of the relocation of the Montgomery County Public Schools and Maryland-National Park and Planning Maintenance facilities from the County Service Park on Crabbs Branch Way to a site located on Snouffer School Road known as the Webb Tract.

ESTIMATED SCHEDULE

The design phase will commence during the fall of 2010 and is expected to last fifteen months.

JUSTIFICATION

In order to implement the County's Shady Grove Sector Plan which would capitalize on the existing investment in mass transit by creating a transit-oriented development community, the County Service Park must be relocated. Relocation of the facilities at the County Service Park will enable the County to realize both the transit-oriented development intended for the area and address unmet needs.

The County is faced with aging facilities that require extensive investment of funds to meet our needs. With the age of some of the facilities, the extent of the required investment must be weighed against the long-term ability of the facilities to satisfy current and future County needs.

Plans and studies for this project include: M-NCPPC Shady Grove Sector Plan, approved by the Montgomery County Council, January 2006, adopted by the M-NCPPC, March 15, 2006; "Montgomery County Property Use Study Updated Briefing to County Council," April 29, 2008 (based on Staubach Reports); "Montgomery County Smart Growth Initiative Update to County Council," September 23, 2008.

FISCAL NOTE

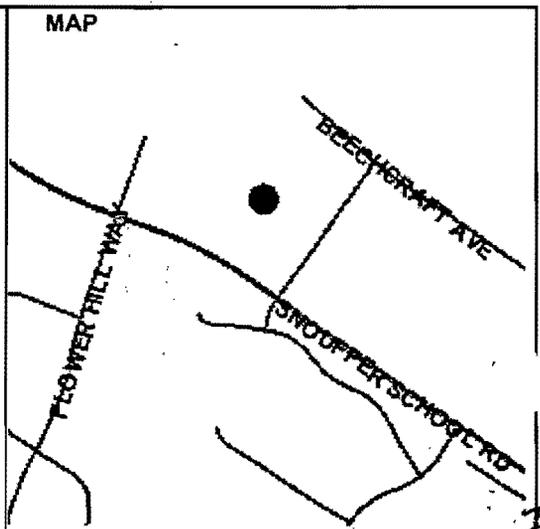
Interim financing will be used for land acquisition in the short term, with permanent funding sources to include G.O. Bonds and Land Sale Proceeds.

OTHER DISCLOSURES

- A pedestrian impact analysis will be performed during design or is in progress.

| APPROPRIATION AND EXPENDITURE DATA | | |
|------------------------------------|------|---------|
| Date First Appropriation | FY11 | (\$000) |
| First Cost Estimate | FY11 | 4,447 |
| Current Scope | | |
| Last FY's Cost Estimate | | 0 |
| | | |
| Appropriation Request | FY11 | 4,447 |
| Appropriation Request Est. | FY12 | 0 |
| Supplemental Appropriation Request | | 0 |
| Transfer | | 0 |
| | | |
| Cumulative Appropriation | | 0 |
| Expenditures / Encumbrances | | 0 |
| Unencumbered Balance | | 0 |
| | | |
| Partial Closeout Thru | FY08 | 0 |
| New Partial Closeout | FY09 | 0 |
| Total Partial Closeout | | 0 |

COORDINATION
 Department of General Services
 Department of Transportation
 Montgomery County Public Schools
 Maryland-National Capital Park and Planning Commission
 Department of Permitting Services
 Department of Finance
 Department of Technology Services
 Office of Management and Budget
 Washington Suburban Sanitary Commission
 Pepco
 Upcounty Regional Services Center
 Washington Gas



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

| Project | FY 2011 Approp. | Total | Thru FY2009 | Remaining FY2010 | Total Six-Years | FY 2011 | FY 2012 | FY 2013 | FY 2014 | FY 2015 | FY 2016 |
|---|--------------------|------------------|----------------|---------------------|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Individual School Projects | | | | | | | | | | | |
| Bradley Hills ES Addition | 1,170 | 14,249 | | | 14,249 | 585 | 4,065 | 3,894 | 5,705 | | |
| Brookhaven ES Addition | | 7,919 | 391 | 2,403 | 5,125 | 3,634 | 1,491 | | | | |
| Clarksburg Cluster ES (Clarksburg Village Site #1) | 1,567 | 27,966 | | | 27,966 | 784 | 8,389 | 7,573 | 11,120 | | |
| Clarksburg HS Addition | | 12,015 | | | 12,015 | | 469 | 3,449 | 3,262 | 4,835 | |
| Clarksburg/Damascus MS (New) | | 44,348 | | | 44,348 | | | 1,397 | 13,349 | 12,138 | 17,464 |
| Darnestown ES Addition | 932 | 11,100 | | | 11,100 | 466 | 3,022 | 3,069 | 4,543 | | |
| East Silver Spring ES Addition | -500 | 11,798 | 4,933 | 3,650 | 3,215 | 3,215 | | | | | |
| Fairland ES Addition | | 7,729 | 353 | 2,587 | 4,789 | 3,353 | 1,436 | | | | |
| Fox Chapel ES Addition | -4,791 | 7,205 | 421 | 2,404 | 4,380 | 4,018 | 362 | | | | |
| William B. Gibbs, Jr. ES (Clarksburg ES #8) | | 24,401 | 18,930 | 3,071 | 2,400 | 2,400 | | | | | |
| Georgian Forest ES Addition | 897 | 10,620 | | | 10,620 | 449 | 2,888 | 2,924 | 4,359 | | |
| Harmony Hills ES Addition | -2,100 | 7,749 | 270 | 1,500 | 5,979 | 2,467 | 2,308 | 1,204 | | | |
| Jackson Road ES Addition | -1,845 | 9,191 | 353 | 4,000 | 4,838 | 2,968 | 1,870 | | | | |
| Montgomery Knolls ES Addition | -258 | 11,253 | 316 | 2,353 | 8,584 | 4,046 | 2,491 | 2,047 | | | |
| Northwood HS Reopening | | 42,808 | 37,511 | 1,081 | 4,216 | 4,216 | | | | | |
| Poolesville HS Magnet Improvements | | 8,562 | 6,443 | 1,175 | 944 | 944 | | | | | |
| Redland MS Interior Modifications | | 14,233 | 3,213 | 4,354 | 6,666 | 4,666 | 2,000 | | | | |
| Ridgeview MS Interior Modifications | 5,658 | 13,524 | 4,694 | 3,172 | 5,658 | 3,533 | 2,125 | | | | |
| Rock View ES Addition | -735 | 7,370 | 397 | 1,446 | 5,527 | 4,331 | 1,196 | | | | |
| Seven Locks ES Add/Mod. | 19,529 | 22,287 | 1,793 | 552 | 19,942 | 12,290 | 7,652 | | | | |
| Sherwood ES Addition | -2,500 | 4,947 | 270 | 2,207 | 2,470 | 2,470 | | | | | |
| Somerset ES Addition | 1,516 | 1,516 | | | 1,516 | 1,380 | 136 | | | | |
| Takoma Park ES Addition | -4,000 | 11,592 | 11,567 | 25 | | | | | | | |
| Viers Mill ES Addition | 953 | 11,177 | | | 11,177 | 477 | 2,870 | 3,092 | 4,738 | | |
| Waters Landing ES Addition | 669 | 8,827 | | | 8,827 | 268 | 3,626 | 3,487 | 1,446 | | |
| Westbrook ES Addition | 994 | 11,805 | | | 11,805 | 497 | 3,180 | 3,244 | 4,884 | | |
| Whetstone ES Addition | -919 | 7,633 | 312 | 2,085 | 5,236 | 2,857 | 2,379 | | | | |
| Wyngate ES Addition | 878 | 10,230 | | | 10,230 | 439 | 2,975 | 2,772 | 4,044 | | |
| Countywide Projects | | | | | | | | | | | |
| ADA Compliance: MCPS | 2,000 | 12,158 | 3,090 | 1,068 | 8,000 | 2,000 | 1,200 | 1,200 | 1,200 | 1,200 | 1,200 |
| Asbestos Abatement | 1,145 | 10,940 | 3,029 | 1,041 | 6,870 | 1,145 | 1,145 | 1,145 | 1,145 | 1,145 | 1,145 |
| Building Mod. and Program Improvements | | 23,384 | 4,384 | 4,000 | 15,000 | 5,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 |
| Clarksburg Depot Expansion | | 2,046 | | | 2,046 | | | | | | 2,046 |
| Current Replacement/Modernizations | 49,281 | 606,190 | | | 606,190 | 92,883 | 117,058 | 131,285 | 143,051 | 86,620 | 35,293 |
| Design, Engineering & Construction | 4,900 | 46,375 | 12,475 | 4,500 | 29,400 | 4,900 | 4,900 | 4,900 | 4,900 | 4,900 | 4,900 |
| Energy Conservation: MCPS | 2,057 | 19,898 | 5,686 | 1,870 | 12,342 | 2,057 | 2,057 | 2,057 | 2,057 | 2,057 | 2,057 |
| Facility Planning: MCPS | 2,000 | 9,397 | 2,557 | 540 | 6,300 | 2,000 | 1,100 | 1,050 | 800 | 750 | 600 |
| Fire Safety Upgrades | 817 | 8,477 | 2,832 | 743 | 4,902 | 817 | 817 | 817 | 817 | 817 | 817 |
| Future Replacements/Modernizations | | 106,513 | | | 106,513 | 0 | 0 | 1,185 | 2,714 | 40,715 | 61,899 |
| HVAC (Mechanical Systems) Replacement | 15,000 | 115,180 | 10,180 | 10,000 | 95,000 | 15,000 | 20,000 | 15,000 | 15,000 | 15,000 | 15,000 |
| Improved (Safe) Access to Schools | 1,200 | 6,237 | 2,637 | 1,200 | 2,400 | 1,200 | 1,200 | | | | |
| Indoor Air Quality | 2,088 | 23,137 | 9,309 | 1,300 | 12,528 | 2,088 | 2,088 | 2,088 | 2,088 | 2,088 | 2,088 |
| Planned Life Cycle Asset Replacement | 6,163 | 61,749 | 18,575 | 6,196 | 36,978 | 6,163 | 6,163 | 6,163 | 6,163 | 6,163 | 6,163 |
| Rehab./Reno. (RROCS) | 28,560 | 61,463 | | | 61,463 | 8,680 | 12,826 | 9,502 | | 2,627 | 27,828 |
| Relocatable Classrooms | 6,750 | 40,611 | 12,736 | 4,125 | 23,750 | 6,750 | 5,000 | 3,000 | 3,000 | 3,000 | 3,000 |
| Restroom Renovations | 1,000 | 11,735 | 4,811 | 924 | 6,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |
| Roof Replacement: MCPS | 6,468 | 55,792 | 11,104 | 5,880 | 38,808 | 6,468 | 6,468 | 6,468 | 6,468 | 6,468 | 6,468 |
| School Gymnasiums | 6,825 | 39,102 | 24,957 | 2,820 | 11,325 | 6,825 | 4,500 | | | | |
| School Security Systems | 1,500 | 11,750 | 3,250 | 1,500 | 7,000 | 1,500 | 1,500 | 1,500 | 1,500 | 500 | 500 |
| Shady Grove Depot Replacement | | 3,624 | | | 3,624 | | | | | | 3,624 |
| Stormwater Discharge Management | 504 | 6,472 | 1,700 | 1,000 | 3,772 | 704 | 604 | 616 | 616 | 616 | 616 |
| Technology Modernization | 19,889 | 219,089 | 60,407 | 18,897 | 139,785 | 19,889 | 19,501 | 21,847 | 25,313 | 26,393 | 26,842 |
| Total Requested CIP | 175,262 | 1,885,373 | 285,886 | 105,669 | 1,493,818 | 253,822 | 268,057 | 251,075 | 277,282 | 221,032 | 222,550 |

Bold Indicates new project to the FY2011-2016 CIP

ADA Compliance: MCPS -- No. 796235

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
MCPS
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

October 21, 2009
No
None
On-going

EXPENDITURE SCHEDULE (\$000)

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

FUNDING SCHEDULE (\$000)

| | | | | | | | | | | | |
|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| G.O. Bonds | 12,158 | 3,090 | 1,068 | 8,000 | 2,000 | 1,200 | 1,200 | 1,200 | 1,200 | 1,200 | 0 |
| Total | 12,158 | 3,090 | 1,068 | 8,000 | 2,000 | 1,200 | 1,200 | 1,200 | 1,200 | 1,200 | 0 |

DESCRIPTION

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

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

OTHER

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

FISCAL NOTE

State Reimbursement: Not eligible

- * Expenditures will continue indefinitely.

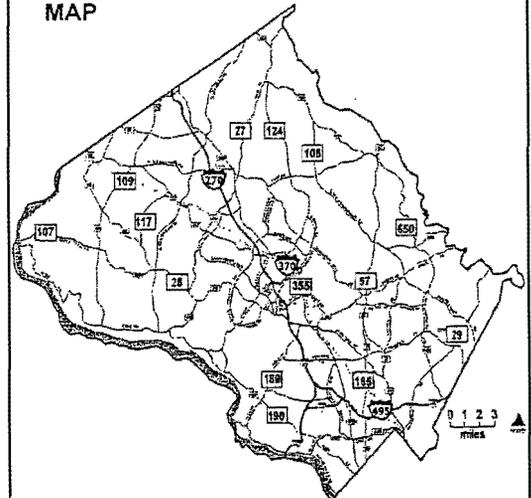
APPROPRIATION AND EXPENDITURE DATA

| | | |
|------------------------------------|------|---------|
| Date First Appropriation | FY79 | (\$000) |
| First Cost Estimate | | |
| Current Scope | FY96 | 16,615 |
| Last FY's Cost Estimate | | 9,715 |
| Appropriation Request | FY11 | 2,000 |
| Appropriation Request Est. | FY12 | 1,200 |
| Supplemental Appropriation Request | | 0 |
| Transfer | | 0 |
| Cumulative Appropriation | | 4,158 |
| Expenditures / Encumbrances | | 2,720 |
| Unencumbered Balance | | 1,438 |
| Partial Closeout Thru | FY08 | 15,931 |
| New Partial Closeout | FY09 | 1,285 |
| Total Partial Closeout | | 17,216 |

COORDINATION

Advisory Committee for the Handicapped

MAP



Asbestos Abatement: MCPS -- No. 816695

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
MCPS
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

October 21, 2009
No
None
On-going

EXPENDITURE SCHEDULE (\$000)

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

FUNDING SCHEDULE (\$000)

| | | | | | | | | | | | |
|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| G.O. Bonds | 10,940 | 3,029 | 1,041 | 6,870 | 1,145 | 1,145 | 1,145 | 1,145 | 1,145 | 1,145 | 0 |
| Total | 10,940 | 3,029 | 1,041 | 6,870 | 1,145 | 1,145 | 1,145 | 1,145 | 1,145 | 1,145 | 0 |

DESCRIPTION

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

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

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

FISCAL NOTE

State Reimbursement: Not eligible

- * Expenditures will continue indefinitely.

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

Building Modifications and Program Improvements -- No. 076506

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
MCPS
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

November 19, 2009
No
None
On-going

EXPENDITURE SCHEDULE (\$000)

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

FUNDING SCHEDULE (\$000)

| | | | | | | | | | | | |
|--------------|---------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| G.O. Bonds | 23,384 | 4,384 | 4,000 | 15,000 | 5,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 0 |
| Total | 23,384 | 4,384 | 4,000 | 15,000 | 5,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 0 |

DESCRIPTION

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

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

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

| APPROPRIATION AND EXPENDITURE DATA | COORDINATION | MAP |
|---------------------------------------|--|-----|
| Date First Appropriation FY07 (\$000) | Mandatory Referral - M-NCPPC | |
| First Cost Estimate FY07 0 | Department of Environmental Protection | |
| Current Scope FY07 0 | Building Permits: | |
| Last FY's Cost Estimate 15,858 | Code Review | |
| Appropriation Request FY11 0 | Fire Marshall | |
| Appropriation Request Est. FY12 2,000 | Department of Transportation | |
| Supplemental Appropriation Request 0 | Inspections | |
| Transfer 0 | Sediment Control | |
| Cumulative Appropriation 13,384 | Stormwater Management | |
| Expenditures / Encumbrances 5,227 | WSSC Permits | |
| Unencumbered Balance 8,157 | | |
| Partial Closeout Thru FY08 0 | | |
| New Partial Closeout FY09 2,474 | | |
| Total Partial Closeout 2,474 | | |

Design and Construction Management -- No. 746032

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
MCPS
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

October 21, 2009
No
None
On-going

EXPENDITURE SCHEDULE (\$000)

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

FUNDING SCHEDULE (\$000)

| | | | | | | | | | | | |
|--------------|---------------|---------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| G.O. Bonds | 46,375 | 12,475 | 4,500 | 29,400 | 4,900 | 4,900 | 4,900 | 4,900 | 4,900 | 4,900 | 0 |
| Total | 46,375 | 12,475 | 4,500 | 29,400 | 4,900 | 4,900 | 4,900 | 4,900 | 4,900 | 4,900 | 0 |

DESCRIPTION

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

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

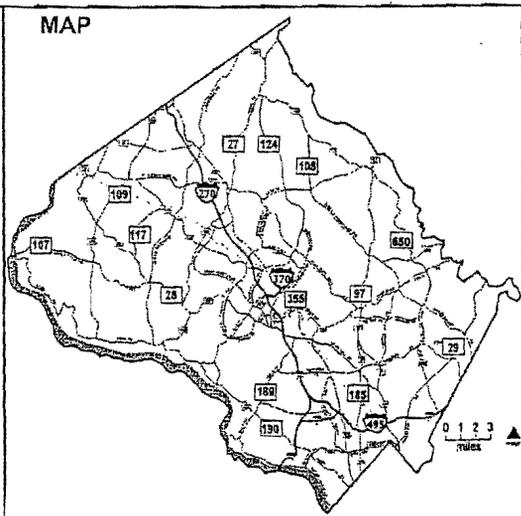
FISCAL NOTE

State Reimbursement: Not eligible

- * Expenditures will continue indefinitely.

| APPROPRIATION AND EXPENDITURE DATA | | |
|------------------------------------|------|---------|
| Date First Appropriation | FY74 | (\$000) |
| First Cost Estimate | FY96 | 19,723 |
| Current Scope | | |
| Last FY's Cost Estimate | | 34,975 |
| | | |
| Appropriation Request | FY11 | 4,900 |
| Appropriation Request Est. | FY12 | 4,900 |
| Supplemental Appropriation Request | | 0 |
| Transfer | | 0 |
| | | |
| Cumulative Appropriation | | 16,975 |
| Expenditures / Encumbrances | | 13,688 |
| Unencumbered Balance | | 3,287 |
| | | |
| Partial Closeout Thru | FY08 | 55,502 |
| New Partial Closeout | FY09 | 0 |
| Total Partial Closeout | | 55,502 |

| 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 | | |
| | | |
| \$(000) | FY 11 | FYs 12-16 |
| Salaries and Wages: | 3601 | 18005 |
| Fringe Benefits: | 900 | 4500 |
| Workyears: | 44 | 220 |



Energy Conservation: MCPS -- No. 796222

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
MCPS
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

October 21, 2009
No
None
On-going

EXPENDITURE SCHEDULE (\$000)

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

FUNDING SCHEDULE (\$000)

| | | | | | | | | | | | |
|--------------|---------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| G.O. Bonds | 19,898 | 5,686 | 1,870 | 12,342 | 2,057 | 2,057 | 2,057 | 2,057 | 2,057 | 2,057 | 0 |
| Total | 19,898 | 5,686 | 1,870 | 12,342 | 2,057 | 2,057 | 2,057 | 2,057 | 2,057 | 2,057 | 0 |

OPERATING BUDGET IMPACT (\$000)

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

DESCRIPTION

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

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

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

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

- * Expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA

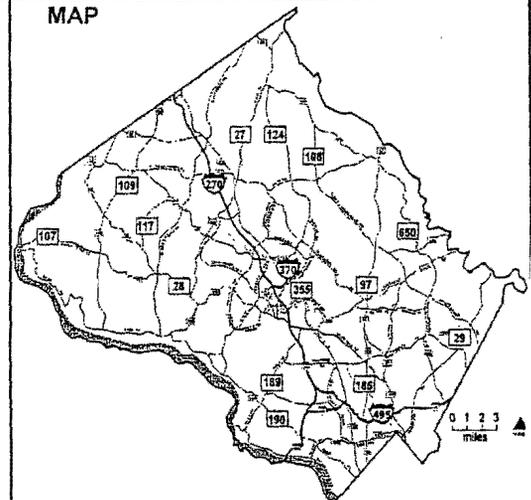
| | | |
|------------------------------------|------|---------|
| Date First Appropriation | FY79 | (\$000) |
| First Cost Estimate | FY96 | 8,061 |
| Current Scope | | |
| Last FY's Cost Estimate | | 15,036 |
| Appropriation Request | FY11 | 2,057 |
| Appropriation Request Est. | FY12 | 2,057 |
| Supplemental Appropriation Request | | 0 |
| Transfer | | 0 |
| Cumulative Appropriation | | 7,556 |
| Expenditures / Encumbrances | | 4,991 |
| Unencumbered Balance | | 2,565 |
| Partial Closeout Thru | FY08 | 19,208 |
| New Partial Closeout | FY09 | 0 |
| Total Partial Closeout | | 19,208 |

COORDINATION

Montgomery College
County Government
Comprehensive Facilities Plan
Interagency Committee - Energy and Utilities
Management
MCPS Resource Conservation Plan
County Code 8-14a

| | | |
|--------------------|------|---------|
| (\$000) | FY11 | FY12-16 |
| Salries and Wages: | 93 | 465 |
| Fringe Benefits: | 33 | 165 |
| Workyears: | 1.5 | 7.5 |

MAP



Fire Safety Code Upgrades -- No. 016532

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
MCPS
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

October 21, 2009
No
None
On-going

EXPENDITURE SCHEDULE (\$000)

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

FUNDING SCHEDULE (\$000)

| | | | | | | | | | | | |
|--------------|--------------|--------------|------------|--------------|------------|------------|------------|------------|------------|------------|----------|
| G.O. Bonds | 8,477 | 2,832 | 743 | 4,902 | 817 | 817 | 817 | 817 | 817 | 817 | 0 |
| Total | 8,477 | 2,832 | 743 | 4,902 | 817 | 817 | 817 | 817 | 817 | 817 | 0 |

DESCRIPTION

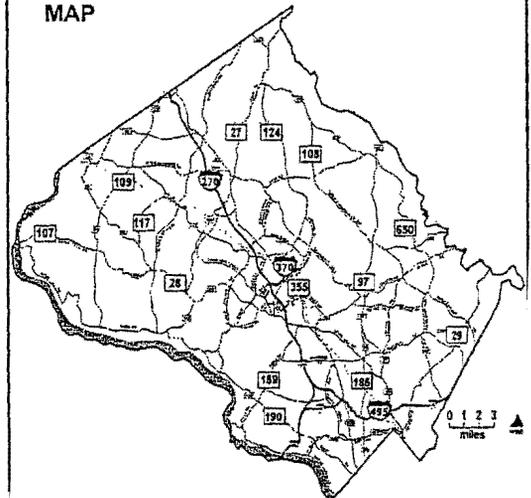
This project addresses sprinklers, escape windows, exit signs, fire alarm devices, exit stairs, and hood and fire suppression systems to comply with annual Fire Marshal inspections.

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

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

COORDINATION Fire Marshal

MAP



HVAC (Mechanical Systems) Replacement -- No. 816633

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
MCPS
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

November 16, 2009
No
None
On-going

EXPENDITURE SCHEDULE (\$000)

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

FUNDING SCHEDULE (\$000)

| | | | | | | | | | | | |
|--------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------|
| G.O. Bonds | 113,281 | 10,180 | 8,101 | 95,000 | 15,000 | 20,000 | 15,000 | 15,000 | 15,000 | 15,000 | 0 |
| State Aid | 1,899 | 0 | 1,899 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 115,180 | 10,180 | 10,000 | 95,000 | 15,000 | 20,000 | 15,000 | 15,000 | 15,000 | 15,000 | 0 |

DESCRIPTION

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

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

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

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

OTHER DISCLOSURES

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

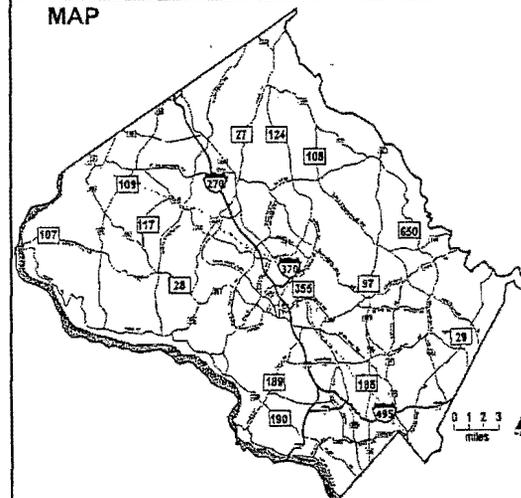
APPROPRIATION AND EXPENDITURE DATA

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

COORDINATION

CIP Master Plan for School Facilities

MAP



Indoor Air Quality Improvements -- No. 006503

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
MCPS
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

November 19, 2009
No
None
On-going

EXPENDITURE SCHEDULE (\$000)

| Cost Element | Total | Thru FY09 | Est. FY10 | Total 6 Years | FY11 | FY12 | FY13 | FY14 | FY15 | FY16 | Beyond 6 Years |
|-----------------------------------|---------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|
| Planning, Design, and Supervision | 7,302 | 1,360 | 290 | 5,652 | 942 | 942 | 942 | 942 | 942 | 942 | 0 |
| Land | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Site Improvements and Utilities | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction | 15,625 | 7,949 | 1,010 | 6,666 | 1,111 | 1,111 | 1,111 | 1,111 | 1,111 | 1,111 | 0 |
| Other | 210 | 0 | 0 | 210 | 35 | 35 | 35 | 35 | 35 | 35 | 0 |
| Total | 23,137 | 9,309 | 1,300 | 12,528 | 2,088 | 2,088 | 2,088 | 2,088 | 2,088 | 2,088 | 0 |

FUNDING SCHEDULE (\$000)

| | | | | | | | | | | | |
|--------------|---------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| G.O. Bonds | 23,137 | 9,309 | 1,300 | 12,528 | 2,088 | 2,088 | 2,088 | 2,088 | 2,088 | 2,088 | 0 |
| Total | 23,137 | 9,309 | 1,300 | 12,528 | 2,088 | 2,088 | 2,088 | 2,088 | 2,088 | 2,088 | 0 |

DESCRIPTION

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

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

An FY 2011 appropriation is requested to continue to address indoor air quality issues through various remediation efforts including carpet removal, floor tile replacement, and minor mechanical retrofits. The title of this PDF was change to more accurately reflect the work accomplished in this project.

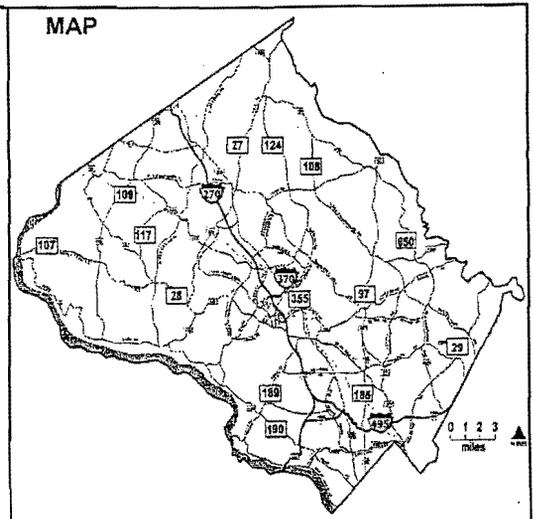
Note: This project will continue indefinitely

FISCAL NOTE

State reimbursement: not eligible

| APPROPRIATION AND EXPENDITURE DATA | | |
|------------------------------------|------|---------|
| Date First Appropriation | FY99 | (\$000) |
| First Cost Estimate | FY02 | 3,800 |
| Current Scope | | |
| Last FY's Cost Estimate | | 15,809 |
| | | |
| Appropriation Request | FY11 | 2,088 |
| Appropriation Request Est. | FY12 | 2,088 |
| Supplemental Appropriation Request | | 0 |
| Transfer | | 0 |
| | | |
| Cumulative Appropriation | | 10,609 |
| Expenditures / Encumbrances | | 7,324 |
| Unencumbered Balance | | 3,285 |
| | | |
| Partial Closeout Thru | FY08 | 8,091 |
| New Partial Closeout | FY09 | 0 |
| Total Partial Closeout | | 8,091 |

| COORDINATION | | |
|---|-------|----------|
| Department of Environmental Protection | | |
| Department of Health and Human Services | | |
| American Lung Association | | |
| | FY 11 | FY 12-16 |
| Salaries and Wages | 591 | 2,955 |
| Fringe Benefits | 225 | 1,125 |
| Workyears: | 11 | 55 |



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

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
MCPS
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

October 21, 2009
No
None
On-going

EXPENDITURE SCHEDULE (\$000)

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

FUNDING SCHEDULE (\$000)

| | | | | | | | | | | | |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|----------|----------|----------|----------|
| G.O. Bonds | 6,237 | 2,637 | 1,200 | 2,400 | 1,200 | 1,200 | 0 | 0 | 0 | 0 | 0 |
| Total | 6,237 | 2,637 | 1,200 | 2,400 | 1,200 | 1,200 | 0 | 0 | 0 | 0 | 0 |

DESCRIPTION

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

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

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

FISCAL NOTE

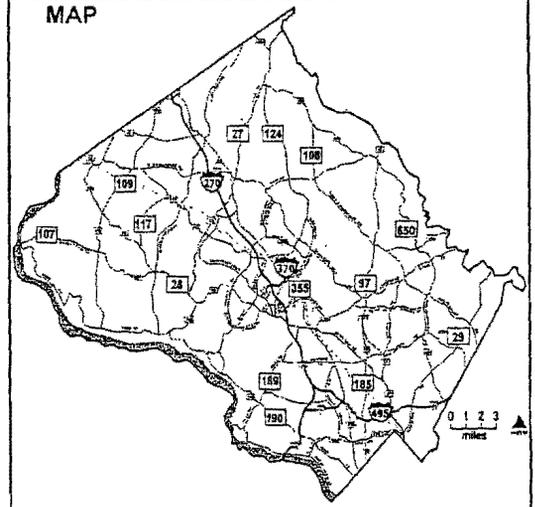
State Reimbursement: not eligible

- * Expenditures will continue indefinitely.

| APPROPRIATION AND EXPENDITURE DATA | | |
|------------------------------------|------|---------|
| Date First Appropriation | FY97 | (\$000) |
| First Cost Estimate | FY97 | 1,185 |
| Current Scope | | |
| Last FY's Cost Estimate | | 10,010 |
| Appropriation Request | FY11 | 1,200 |
| Appropriation Request Est | FY12 | 1,200 |
| Supplemental Appropriation Request | | 0 |
| Transfer | | 0 |
| Cumulative Appropriation | | 3,837 |
| Expenditures / Encumbrances | | 2,042 |
| Unencumbered Balance | | 1,795 |
| Partial Closeout Thru | FY08 | 10,274 |
| New Partial Closeout | FY09 | 1,373 |
| Total Partial Closeout | | 11,647 |

COORDINATION STEP Committee

MAP



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

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
MCPS
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

November 16, 2009
No
None
On-going

EXPENDITURE SCHEDULE (\$000)

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

FUNDING SCHEDULE (\$000)

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

DESCRIPTION

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

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

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

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

OTHER DISCLOSURES

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

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

Restroom Renovations -- No. 056501

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
MCPS
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

November 16, 2009
No
None
On-going

EXPENDITURE SCHEDULE (\$000)

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

FUNDING SCHEDULE (\$000)

| | | | | | | | | | | | |
|--------------|---------------|--------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| G.O. Bonds | 11,735 | 4,811 | 924 | 6,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 0 |
| Total | 11,735 | 4,811 | 924 | 6,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 0 |

DESCRIPTION

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

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

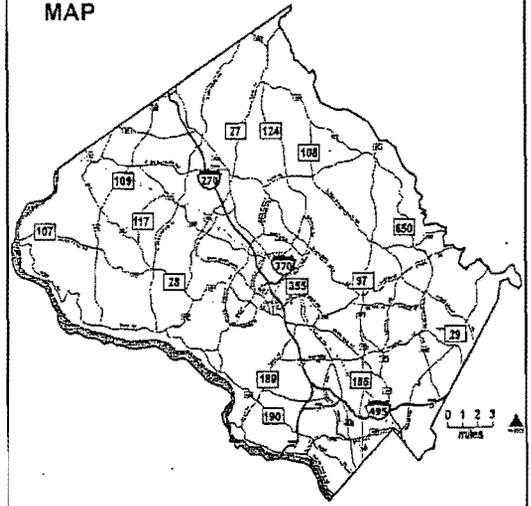
In FY 2010, a second round of assessments were completed, which included a total of 110 schools, including holding facilities. An FY 2011 appropriation is requested to begin the renovations of the schools identified in the second round of assessments. Based on the expenditures shown above, the first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

APPROPRIATION AND EXPENDITURE DATA

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

COORDINATION

MAP



Roof Replacement: MCPS -- No. 766995

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
MCPS
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

November 11, 2009
No
None
On-going

EXPENDITURE SCHEDULE (\$000)

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

FUNDING SCHEDULE (\$000)

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

DESCRIPTION

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

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

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

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

FISCAL NOTE

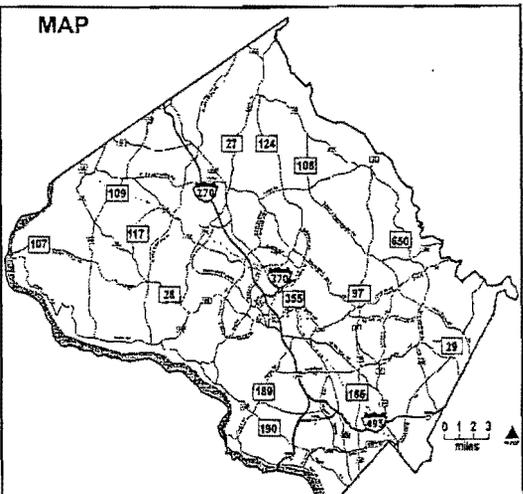
State Reimbursement: reimbursement of the state share of eligible costs will continue to be pursued.

OTHER DISCLOSURES

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

| APPROPRIATION AND EXPENDITURE DATA | | |
|------------------------------------|------|---------|
| Date First Appropriation | FY76 | (\$000) |
| First Cost Estimate | | |
| Current Scope | FY96 | 19,470 |
| Last FY's Cost Estimate | | 48,122 |
| | | |
| Appropriation Request | FY11 | 6,468 |
| Appropriation Request Est. | FY12 | 6,468 |
| Supplemental Appropriation Request | | 0 |
| Transfer | | 0 |
| | | |
| Cumulative Appropriation | | 16,984 |
| Expenditures / Encumbrances | | 6,457 |
| Unencumbered Balance | | 10,527 |
| | | |
| Partial Closeout Thru | FY08 | 44,559 |
| New Partial Closeout | FY09 | 7,618 |
| Total Partial Closeout | | 52,177 |

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



School Gymnasiums -- No. 886550

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
MCPS
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

November 19, 2009
No
None
On-going

EXPENDITURE SCHEDULE (\$000)

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

FUNDING SCHEDULE (\$000)

| | | | | | | | | | | | |
|--------------|---------------|---------------|--------------|---------------|--------------|--------------|----------|----------|----------|----------|----------|
| G.O. Bonds | 39,102 | 24,957 | 2,820 | 11,325 | 6,825 | 4,500 | 0 | 0 | 0 | 0 | 0 |
| Total | 39,102 | 24,957 | 2,820 | 11,325 | 6,825 | 4,500 | 0 | 0 | 0 | 0 | 0 |

DESCRIPTION

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

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

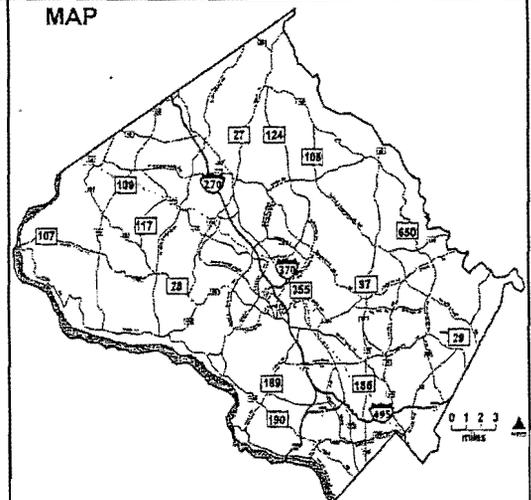
An FY 2008 appropriation was approved for planning funds for four gymnasiums and construction funds for eight gymnasiums. An FY 2008 transfer in the amount of \$4.193 million was approved to provide additional funding due to rising construction costs. Also, an FY 2008 Special Appropriation in the amount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

| APPROPRIATION AND EXPENDITURE DATA | | |
|------------------------------------|------|---------|
| Date First Appropriation | FY95 | (\$000) |
| First Cost Estimate | | |
| Current Scope | FY96 | 7,588 |
| Last FY's Cost Estimate | | 52,882 |
| | | |
| Appropriation Request | FY11 | 6,825 |
| Appropriation Request Est. | FY12 | 4,250 |
| Supplemental Appropriation Request | | 0 |
| Transfer | | 0 |
| | | |
| Cumulative Appropriation | | 28,027 |
| Expenditures / Encumbrances | | 22,779 |
| Unencumbered Balance | | 5,248 |
| | | |
| Partial Closeout Thru | FY08 | 21,788 |
| New Partial Closeout | FY09 | 9,405 |
| Total Partial Closeout | | 31,193 |

COORDINATION

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

MAP



School Security Systems -- No. 926557

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
MCPS
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

October 21, 2009
No
None
On-going

EXPENDITURE SCHEDULE (\$000)

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

FUNDING SCHEDULE (\$000)

| | | | | | | | | | | | |
|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|------------|----------|
| G.O. Bonds | 11,750 | 3,250 | 1,500 | 7,000 | 1,500 | 1,500 | 1,500 | 1,500 | 500 | 500 | 0 |
| Total | 11,750 | 3,250 | 1,500 | 7,000 | 1,500 | 1,500 | 1,500 | 1,500 | 500 | 500 | 0 |

DESCRIPTION

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

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

FISCAL NOTE

State Reimbursement: not eligible

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

Stormwater Discharge and Water Quality Management -- No. 956550

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
MCPS
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

November 20, 2009
No
None
On-going

EXPENDITURE SCHEDULE (\$000)

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

FUNDING SCHEDULE (\$000)

| | | | | | | | | | | | |
|--------------|--------------|--------------|--------------|--------------|------------|------------|------------|------------|------------|------------|----------|
| G.O. Bonds | 6,903 | 1,700 | 1,431 | 3,772 | 704 | 604 | 616 | 616 | 616 | 616 | 0 |
| Total | 6,903 | 1,700 | 1,431 | 3,772 | 704 | 604 | 616 | 616 | 616 | 616 | 0 |

DESCRIPTION

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

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

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

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

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

FISCAL NOTE

State Reimbursement: Not eligible

| APPROPRIATION AND EXPENDITURE DATA | COORDINATION | MAP | |
|------------------------------------|--------------|-------|-------|
| Date First Appropriation | | | |
| FY07 (\$000) | | | |
| First Cost Estimate | | | |
| FY07 | 0 | | |
| Current Scope | | | |
| Last FY's Cost Estimate | 2,700 | | |
| Appropriation Request | FY11 | | 704 |
| Appropriation Request Est. | FY12 | | 604 |
| Supplemental Appropriation Request | | | 0 |
| Transfer | | | 0 |
| Cumulative Appropriation | | | 3,131 |
| Expenditures / Encumbrances | | | 2,573 |
| Unencumbered Balance | | | 558 |
| Partial Closeout Thru | FY08 | | 2,356 |
| New Partial Closeout | FY09 | | 0 |
| Total Partial Closeout | | 2,356 | |

Clarksburg Depot Expansion -- No. 116514

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
MCPS
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

November 20, 2009
No
None
Planning Stage

EXPENDITURE SCHEDULE (\$000)

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

FUNDING SCHEDULE (\$000)

| | | | | | | | | | | | |
|--------------|---------------|----------|----------|--------------|----------|----------|----------|----------|----------|--------------|---------------|
| G.O. Bonds | 51,000 | 0 | 0 | 2,046 | 0 | 0 | 0 | 0 | 0 | 2,046 | 48,954 |
| Total | 51,000 | 0 | 0 | 2,046 | 0 | 0 | 0 | 0 | 0 | 2,046 | 48,954 |

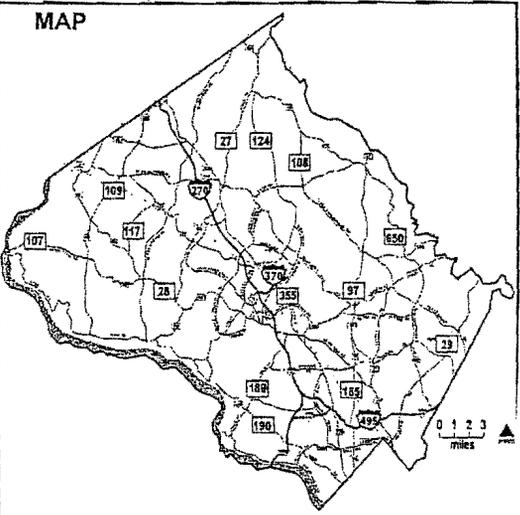
DESCRIPTION

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

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

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

COORDINATION



Shady Grove Depot Replacement -- No. 116515

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
MCPS
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

November 23, 2009
No
None
Planning Stage

EXPENDITURE SCHEDULE (\$000)

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

FUNDING SCHEDULE (\$000)

| | | | | | | | | | | | |
|--------------|---------------|----------|----------|--------------|----------|----------|----------|----------|----------|--------------|---------------|
| G.O. Bonds | 65,000 | 0 | 0 | 3,624 | 0 | 0 | 0 | 0 | 0 | 3,624 | 61,376 |
| Total | 65,000 | 0 | 0 | 3,624 | 0 | 0 | 0 | 0 | 0 | 3,624 | 61,376 |

DESCRIPTION

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

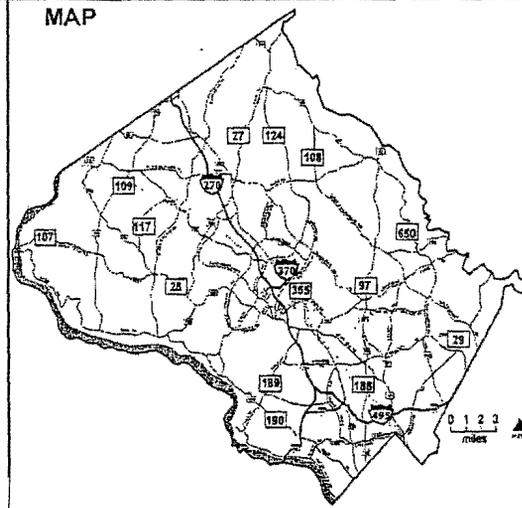
The two depots together operate at 167 percent of design capacity, with 391 buses operating out of a lot designed to accommodate 234 buses. MCPS has completed three studies over the past eleven years to identify the best locations for efficient operations. Given the development that has occurred in the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

APPROPRIATION AND EXPENDITURE DATA

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

COORDINATION

MAP



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

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

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

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

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

Response: This information was previously provided.

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

Response: This information was previously provided.

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

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

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

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

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

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

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

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

- Increased costs (to do the same work)

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

- Acceleration of work (doing more work)

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

- Increased scope of work

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Response: Please see Attachments 3.

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

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

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

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

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

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

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

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

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

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

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

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

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

Response:

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

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

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

Response:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

MCPS does not do a projection for snow removal expenditures.

Appendix G

Restroom Renovations Schedule for the FY 2011–2016 CIP

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

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

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

Appendix G

Restroom Renovations Schedule

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

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

Technology Modernization -- No. 036510

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
MCPS
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

November 16, 2009
No
None
On-going

EXPENDITURE SCHEDULE (\$000)

| Cost Element | Total | Thru FY09 | Est. FY10 | Total 6 Years | FY11 | FY12 | FY13 | FY14 | FY15 | FY16 | Beyond 6 Years |
|-----------------------------------|----------------|---------------|---------------|------------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------------|
| Planning, Design, and Supervision | 219,089 | 60,407 | 18,897 | 139,785 | 19,889 | 19,501 | 21,847 | 25,313 | 26,393 | 26,842 | 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 | 219,089 | 60,407 | 18,897 | 139,785 | 19,889 | 19,501 | 21,847 | 25,313 | 26,393 | 26,842 | 0 |

FUNDING SCHEDULE (\$000)

| | | | | | | | | | | | |
|----------------------------------|----------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|----------|
| Current Revenue: General | 124,893 | 11,780 | 5,525 | 107,588 | 5,057 | 2,136 | 21,847 | 25,313 | 26,393 | 26,842 | 0 |
| Federal Aid | 3,927 | 0 | 1,800 | 2,127 | 1,800 | 327 | 0 | 0 | 0 | 0 | 0 |
| G.O. Bonds | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Current Revenue: Recordation Tax | 90,269 | 48,627 | 11,572 | 30,070 | 13,032 | 17,038 | 0 | 0 | 0 | 0 | 0 |
| Total | 219,089 | 60,407 | 18,897 | 139,785 | 19,889 | 19,501 | 21,847 | 25,313 | 26,393 | 26,842 | 0 |

DESCRIPTION

The Technology Modernization (Tech Mod) project is a key component of the MCPS strategic technology plan, Educational Technology for 21st Century Learning. This plan builds upon the following four goals: students will use technology to become actively engaged in learning, schools will address the digital divide through equitable access to technology, staff will improve technology skills through professional development, and staff will use technology to improve productivity and results.

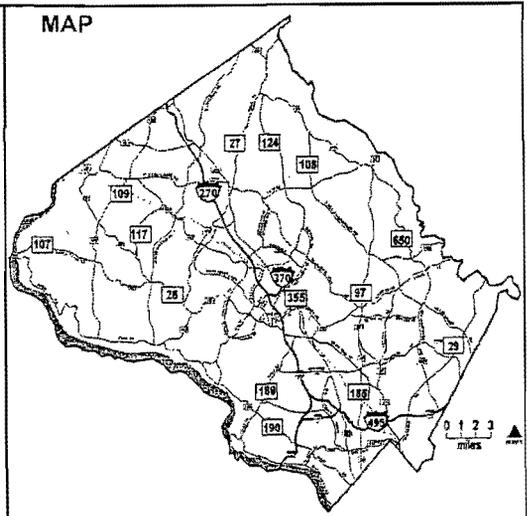
An FY 2005 appropriation was approved to roll-out the implementation of the technology modernization program. This project will update schools' technology hardware, software, and network infrastructure on a four-year replacement cycle, with a 5:1 computer/student ratio. The County Council, in the adopted FY 2005-2010 CIP reduced the Board of Education's request for the outyears of the FY 2005-2010 CIP by \$10.945 million. An FY 2006 appropriation and amendment to the FY 2005-2010 CIP was approved to continue the rollout plan. An FY 2007 appropriation was approved to continue this level of effort project. The expenditures for FY 2007 reflect three years of finance payments, as originally planned, in addition to the current year refreshment costs. The expenditures in the outyears represent the ongoing costs of a four-year refreshment cycle. An FY 2008 appropriation was approved to continue this project.

The Board of Education, in the Requested FY 2009 Capital Budget and FY 2009-2014 CIP, included additional funding for new initiatives for the Technology Modernization program. On May 22, 2008, the County Council approved an FY 2009 appropriation as requested by the Board of Education; however, the County Council reduced the expenditures earmarked for the Middle School Initiative program for FY 2010-2014. In FY 2009, MCPS purchased and installed interactive classroom technology systems in approximately 2/3 of all secondary classrooms. The total cost is projected at \$13.3 million, financed over a four-year period (\$3.4M from FY 2009-2012). The funding source for the initiative is anticipated to be Federal e-rate funds. The Federal e-rate funds programmed in this PDF consist of available unspent e-rate balance: \$1.8M in FY 2010, \$1.8M in FY 2011, and \$327K in FY 2012. In addition, MCPS projects future e-rate funding of \$1.6M each year (FY 2010-2012) that may be used to support the payment obligation pending receipt and appropriation. No county funds may be spent for the initiative payment obligation in FY 2010-2012 without prior Council approval.

This PDF reflects a decrease in the FY 2010 appropriation and FY 2010-2012 expenditures as requested by the Board of Education. The decrease in expenditures will temporarily extend the MCPS desktop replacement cycle from four to five years. The County Council will reconsider how to resume the four-year replacement cycle in a future CIP. An FY 2011 appropriation is requested to continue the technology modernization project and return to a four-year replacement cycle starting in FY 2013. Also, the FY 2011-2016 request includes funding for one additional staff position for this project.

| APPROPRIATION AND EXPENDITURE DATA | | |
|------------------------------------|------|---------|
| Date First Appropriation | FY03 | (\$000) |
| First Cost Estimate | FY00 | 0 |
| Current Scope | | |
| Last FY's Cost Estimate | | 159,470 |
| Appropriation Request | FY11 | 19,889 |
| Appropriation Request Est. | FY12 | 19,501 |
| Supplemental Appropriation Request | | 0 |
| Transfer | | 0 |
| Cumulative Appropriation | | 79,304 |
| Expenditures / Encumbrances | | 37,659 |
| Unencumbered Balance | | 41,645 |
| Partial Closeout Thru | FY08 | 16,050 |
| New Partial Closeout | FY09 | 0 |
| Total Partial Closeout | | 16,050 |

| COORDINATION (\$000) | FY 11 | FYs 12-16 |
|----------------------|-------|-----------|
| Salaries and Wages: | 1893 | 9465 |
| Fringe Benefits: | 807 | 4035 |
| Workyears: | 20.5 | 102.5 |



Technology Modernization Questions

Has MCPS received the FY10 e-rate funding amount yet, or notice of what the amount will be?

In FY10, the school system had received a total of \$1,486,790 in e-rate funding as of January 2010. MCPS anticipates receiving approximately \$80,000 in additional e-rate funds before the end of the fiscal year.

What is the schedule for the FY10 payment on the Promethean Board initiative?

MCPS is invoiced and payments are made in September during the term of the contract.

How many schools at each level are scheduled for technology modernization in FY11?

There are a total of 46 schools scheduled to participate in the FY11 Tech Mod Program (three high schools, 14 middle schools, and 29 elementary schools).

The approved PDF left previously programmed amounts correlated with a four year replacement cycle in FY13-14. The recommended PDF indicates that the requested increases in FY13-16 are to return the replacement cycle to four years from the current five year cycle. What are the assumptions behind the increased costs? How long will it take to "catch up" to the four year cycle under this request? How many additional schools are supported by the increase in each year (above the previous four year assumptions)?

The attached table summarizes the Tech Mod finance payments. In this table, the first of four payments is shown as a "1" and the remaining payments as "2," "3," and "4." As this table indicates, an additional finance payment is added to the schedule of payments in FY13 when MCPS returns to the 4-year replacement cycle. The financial impact of this return ends in FY17.

The finance costs that are added in FY13 support 43 schools.

Schedule of Technology Modernization Equipment Payments

| Technology Modernization Program: Finance Payment Schedule | | | | | | | | |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <i>Analysis of Finance Payments (approx. 70% of budget)</i> | | | | | | | | |
| Payment For: | FY10 | FY11 | FY12 | FY13 | FY14 | FY15 | FY16 | FY17 |
| FY07 | 4 | | | | | | | |
| FY08 | 3 | 4 | | | | | | |
| FY09 | 2 | 3 | 4 | | | | | |
| FY10 | 0 | 0 | 0 | 0 | | | | |
| FY11 | | 1 | 2 | 3 | 4 | | | |
| FY12 | | | 1 | 2 | 3 | 4 | | |
| FY13 | | | | 1 | 2 | 3 | 4 | |
| FY13: Return to 4-yr replacement cycle | | | | 1 | 2 | 3 | 4 | |
| FY14 | | | | | 1 | 2 | 3 | 4 |
| FY15 | | | | | | 1 | 2 | 3 |
| FY16 | | | | | | | 1 | 2 |
| FY17 | | | | | | | | 1 |
| Total # of Payments | 3 | 3 | 3 | 4 | 5 | 5 | 5 | 4 |

Regarding the new position that is requested in the Tech Mod PDF, please let me know what this position will do, whether it is full or part time, and whether it is new or shifted from the operating budget.

This request is for a new, permanent 1.0 FTE position that is not being shifted from the operating budget. The position would address self-warranty service calls (computer repair and parts replacement) in the 5th year of use in FY11-13 and in the 4th year of service for FY14 and beyond.

When Tech Mod was delayed in FY10, the contractual costs of extending the computer warranty for a 5th year would have been \$72 per computer. This was a total of \$564,120 for the 7,835 computers that were to remain in the schools for the additional year. The current cost to extend the manufacturer's warranty from three to four years is \$65 per computer. As a result, for FY11-16 the cost to purchase the vendor's extended warranty is more expensive than directly completing the warranty work internally.

Even after budgeting for the 1.0 FTE position and the needed computer parts, MCPS built a savings into its Tech Mod budget request of \$200,000 to \$300,000 per fiscal year. If this position is not approved, these saved costs would have to be added back into the budget request to cover the cost of the extended warranties.

Facility Planning: MCPS -- No. 966553

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
MCPS
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

November 16, 2009
No
None
On-going

EXPENDITURE SCHEDULE (\$000)

| Cost Element | Total | Thru FY09 | Est. FY10 | Total 6 Years | FY11 | FY12 | FY13 | FY14 | FY15 | FY16 | Beyond 6 Years |
|-----------------------------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|------------|------------|------------|-------------------|
| Planning, Design, and Supervision | 9,397 | 2,557 | 540 | 6,300 | 2,000 | 1,100 | 1,050 | 800 | 750 | 600 | 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 | 9,397 | 2,557 | 540 | 6,300 | 2,000 | 1,100 | 1,050 | 800 | 750 | 600 | * |

FUNDING SCHEDULE (\$000)

| | | | | | | | | | | | |
|----------------------------------|--------------|--------------|------------|--------------|--------------|--------------|--------------|------------|------------|------------|----------|
| Current Revenue: General | 5,777 | 1,672 | 540 | 3,565 | 1,405 | 540 | 515 | 405 | 380 | 320 | 0 |
| G.O. Bonds | 2,735 | 0 | 0 | 2,735 | 595 | 560 | 535 | 395 | 370 | 280 | 0 |
| Current Revenue: Recordation Tax | 885 | 885 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 9,397 | 2,557 | 540 | 6,300 | 2,000 | 1,100 | 1,050 | 800 | 750 | 600 | 0 |

DESCRIPTION

The facility planning process provides preliminary programs of requirements (PORs), cost estimates, and budget documentation for selected projects. This project serves as the transition stage from the master plan or conceptual stage to inclusion of a stand-alone project in the CIP. There is a continuing need for the development of accurate cost estimates and an exploration of alternatives for proposed projects. Implementation of the facility planning process results in realistic cost estimates, fewer and less significant cost overruns, fewer project delays, and improved life-cycle costing of projects.

An FY 2009 appropriation was approved to provide funding for the pre-planning for five modernizations, a new middle school and seven school capacity additions, an assessment to determine the next set of schools to be proposed in the restroom renovation project, and a feasibility study for the auditorium at Sligo Creek ES/Silver Spring International MS (Cross reference with Old Blair Auditorium in Cost Sharing: MCG Project #720601). An FY 2010 appropriation was approved to provide funding for the pre-planning for one modernization, eight addition projects, and to update feasibility studies previously completed, but then shelved due to the delay in modernization projects.

An FY 2011 appropriation is requested for the pre-planning of four modernizations, eight addition projects, an assessment to determine the next set of schools to be proposed for the modernization schedule, and an assessment of the current holding facilities. In the past, this project was funded solely by current revenue; however, as a result of new environmental regulation changes, design of site development concept plans must be done during the facility planning phase in order to obtain necessary site permits in time for the construction phase. Therefore, the funding sources shown on this PDF reflect the appropriate portions for both current revenue and GO bonds.

- * Expenditures will continue indefinitely.

| APPROPRIATION AND EXPENDITURE DATA | COORDINATION | MAP |
|------------------------------------|--------------|-----|
| Date First Appropriation | FY96 | |
| First Cost Estimate | FY96 | |
| Current Scope | | |
| Last FY's Cost Estimate | 4,022 | |
| Appropriation Request | FY11 | |
| Appropriation Request Est. | FY12 | |
| Supplemental Appropriation Request | 0 | |
| Transfer | 0 | |
| Cumulative Appropriation | 3,097 | |
| Expenditures / Encumbrances | 2,111 | |
| Unencumbered Balance | 986 | |
| Partial Closeout Thru | FY08 | |
| New Partial Closeout | FY09 | |
| Total Partial Closeout | 4,891 | |

Current Replacements/Modernizations -- No. 926575 -- Master Project

Category
SubCategory
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
MCPS
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

November 16, 2009
No
None
On-going

EXPENDITURE SCHEDULE (\$000)

| Cost Element | Total | Thru FY09 | Est. FY10 | Total 6 Years | FY11 | FY12 | FY13 | FY14 | FY15 | FY16 | Beyond 6 Years |
|-----------------------------------|------------------|----------------|---------------|----------------|---------------|----------------|----------------|----------------|---------------|---------------|----------------|
| Planning, Design, and Supervision | 66,343 | 22,271 | 5,989 | 38,083 | 7,644 | 10,179 | 9,198 | 7,200 | 3,862 | 0 | 0 |
| Land | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Site Improvements and Utilities | 132,351 | 27,266 | 7,979 | 91,027 | 15,139 | 19,886 | 18,919 | 15,403 | 20,160 | 1,520 | 6,079 |
| Construction | 781,897 | 213,872 | 66,251 | 458,226 | 66,515 | 84,010 | 100,817 | 114,990 | 61,198 | 30,696 | 43,548 |
| Other | 30,609 | 6,398 | 3,289 | 18,854 | 3,585 | 2,983 | 2,351 | 5,458 | 1,400 | 3,077 | 2,068 |
| Total | 1,011,200 | 269,807 | 83,508 | 606,190 | 92,883 | 117,058 | 131,285 | 143,051 | 86,620 | 35,293 | * |

FUNDING SCHEDULE (\$000)

| | | | | | | | | | | | |
|----------------------------------|------------------|----------------|---------------|----------------|---------------|----------------|----------------|----------------|---------------|---------------|---------------|
| Contributions | 790 | 455 | 335 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Current Revenue: General | 11,098 | 11,098 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G.O. Bonds | 781,824 | 183,263 | 55,156 | 491,710 | 83,348 | 100,384 | 88,911 | 97,154 | 86,620 | 35,293 | 51,695 |
| State Aid | 75,024 | 51,655 | 23,369 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAYGO | 600 | 600 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Recordation Tax | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Current Revenue: Recordation Tax | 64,619 | 21,421 | 2,248 | 40,950 | 0 | 19,050 | 21,900 | 0 | 0 | 0 | 0 |
| Schools Impact Tax | 77,245 | 1,315 | 2,400 | 73,530 | 9,535 | 16,674 | 23,324 | 23,997 | 0 | 0 | 0 |
| Total | 1,011,200 | 269,807 | 83,508 | 606,190 | 92,883 | 117,058 | 131,285 | 143,051 | 86,620 | 35,293 | 51,695 |

OPERATING BUDGET IMPACT (\$000)

| | | | | | | | | | | |
|-------------------|--|--|--|---------------|------------|--------------|--------------|--------------|--------------|--------------|
| Energy | | | | 4,463 | 214 | 534 | 467 | 867 | 1,191 | 1,190 |
| Maintenance | | | | 8,570 | 433 | 1,044 | 892 | 1,655 | 2,273 | 2,273 |
| Program-Staff | | | | 144 | 72 | 72 | 0 | 0 | 0 | 0 |
| Net Impact | | | | 13,177 | 719 | 1,650 | 1,359 | 2,522 | 3,464 | 3,463 |
| WorkYears | | | | | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 |

DESCRIPTION

This project combines all current modernization projects as prioritized by the FACT assessments. Future modernizations with planning in FY 2013 or later are in PDF No. 886536. Due to fiscal constraints, the FY 2005-2010 CIP adopted by the County Council, shifted funds for elementary school modernizations beginning with College Gardens ES and shifted funds for the Richard Montgomery and Walter Johnson high school modernization projects. An FY 2006 appropriation was approved for construction funds for two modernizations, and planning funds for three modernizations. During the budget process for the amendments to the FY 2005-2010 CIP, the County Council shifted the planning funds for Cashell and Galway elementary schools from FY 2006 to FY 2007, but did not change the completion dates.

An FY 2007 appropriation was approved for the balance of construction funds for two modernizations; construction funds for two modernizations; and planning funds for five modernizations. The County Council, in the FY 2007-2012 CIP, approved the acceleration of the modernization of Bells Mill Elementary School. An amendment to the FY 2007-2012 CIP was approved to provide an additional \$3.5 million in construction funding for one modernization project.

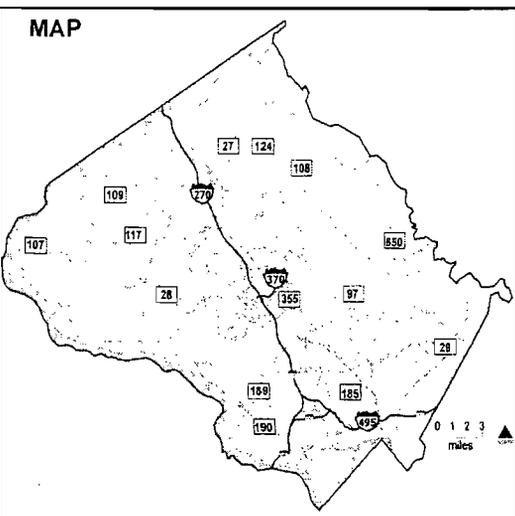
The approved FY 2008 appropriation will provide construction funding for five modernization projects and planning funds for two modernization projects. An FY 2008 transfer of \$3.1 million was approved for the Richard Montgomery HS modernization. Due to fiscal constraints, the County Council, in the adopted FY 2009-2014 CIP, delayed high school modernizations one year, with the exception of Wheaton HS which was delayed two years, beyond the Board of Education's request. An FY 2009 appropriation was approved to provide planning funds for three modernizations; construction funds for three modernizations; and furniture and equipment funds for five modernizations. An FY 2010 appropriation was approved to provide planning funds for five modernizations; construction funds for two modernizations; and furniture and equipment funds for three modernizations. An FY 2011 appropriation is requested to provide planning funds for one project; construction funds for three projects; and furniture and equipment funds for one project.

OTHER DISCLOSURES

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

| APPROPRIATION AND EXPENDITURE DATA | | |
|------------------------------------|------|-----------|
| Date First Appropriation | FY | (\$000) |
| First Cost Estimate | | |
| Current Scope | FY02 | 311,823 |
| Last FY's Cost Estimate | | 1,095,187 |
| Appropriation Request | FY11 | 49,281 |
| Appropriation Request Est. | FY12 | 236,359 |
| Supplemental Appropriation Request | | 0 |
| Transfer | | 0 |
| Cumulative Appropriation | | 524,270 |
| Expenditures / Encumbrances | | 331,613 |
| Unencumbered Balance | | 192,657 |
| Partial Closeout Thru | FY08 | 0 |
| New Partial Closeout | FY09 | 32,546 |
| Total Partial Closeout | | 32,546 |

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



Future Replacements/Modernizations -- No. 886536 -- Master Project

Category
SubCategory
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
MCPS
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

November 16, 2009
No
None
On-going

EXPENDITURE SCHEDULE (\$000)

| Cost Element | Total | Thru FY09 | Est. FY10 | Total 6 Years | FY11 | FY12 | FY13 | FY14 | FY15 | FY16 | Beyond 6 Years |
|-----------------------------------|----------------|-----------|-----------|----------------|----------|----------|--------------|--------------|---------------|---------------|----------------|
| Planning, Design, and Supervision | 30,887 | 0 | 0 | 18,237 | 0 | 0 | 1,185 | 2,714 | 6,636 | 7,702 | 12,650 |
| Land | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Site Improvements and Utilities | 68,166 | 0 | 0 | 26,095 | 0 | 0 | 0 | 0 | 8,153 | 17,942 | 42,071 |
| Construction | 324,842 | 0 | 0 | 61,041 | 0 | 0 | 0 | 0 | 25,926 | 35,115 | 263,801 |
| Other | 14,100 | 0 | 0 | 1,140 | 0 | 0 | 0 | 0 | 0 | 1,140 | 12,960 |
| Total | 437,995 | 0 | 0 | 106,513 | 0 | 0 | 1,185 | 2,714 | 40,715 | 61,899 | * |

FUNDING SCHEDULE (\$000)

| | | | | | | | | | | | |
|--------------------|----------------|----------|----------|----------------|----------|----------|--------------|--------------|---------------|---------------|----------------|
| G.O. Bonds | 436,633 | 0 | 0 | 105,151 | 0 | 0 | 1,185 | 1,352 | 40,715 | 61,899 | 331,482 |
| State Aid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Schools Impact Tax | 1,362 | 0 | 0 | 1,362 | 0 | 0 | 0 | 1,362 | 0 | 0 | 0 |
| Total | 437,995 | 0 | 0 | 106,513 | 0 | 0 | 1,185 | 2,714 | 40,715 | 61,899 | 331,482 |

DESCRIPTION

The Board of Education strongly supports the upgrading of facilities through comprehensive modernizations to replace major building systems and to bring schools up to current educational standards. MCPS designed an instrument to assess the condition of the schools using the Facilities Assessment with Criteria and Testing (FACT) tool and rank schools in order of need. Schools are planned according to the priority listing in the FACT survey. As feasibility studies are completed and architectural planning is scheduled, individual schools move from this project to the Current Replacements/Modernizations PDF No. 926575.

On May 1, 2001, a 90-day moratorium on bidding MCPS construction projects was implemented due to rapidly escalating construction costs. In FY 2003, due to fiscal constraints, all future modernization projects were delayed. An amendment to the FY 2003-2008 CIP was approved to move one high school from this project to the Current Replacement/Modernization project. As part of the Board of Education's adopted FY 2004 Capital Budget and Amendments to the FY 2003-2008 CIP, planning expenditures for some future modernizations were shifted to more closely couple these planning expenditures with approved project construction schedules. The realignment of planning expenditures will not affect any project completion schedule. Due to fiscal constraints and delay in the elementary school modernization projects in the adopted FY 2005-2010 CIP, only one middle school modernization project moved from this project to the Current Replacement/Modernizations Project. As a result of the adopted FY 2007-2012 CIP, five elementary schools, one middle school, and one high school moved from this project to the Current Replacement/Modernizations Project. Also, six elementary schools, one middle school, and one high school now show expenditures in the adopted CIP, and therefore, were given completion dates for their modernizations.

The Board of Education's Requested FY 2009-2014 CIP moved six elementary schools, one middle school, and two high schools from this project to the Current Replacement/Modernizations Project. The Board of Education's request also provided completion dates for three elementary schools, one middle school and two high schools. Due to fiscal constraints, the County Council, in the adopted FY 2009-2014 CIP, delayed high school modernizations one year, with the exception of Wheaton HS which was delayed two years, beyond the Board of Education's request.

The Board of Education's Requested FY 2011-2016 CIP moved three elementary schools, one middle school, and one high school from this project to the Current Replacement/ Modernization project. Also, the Board of Education's request provided completion dates for one middle school and one high school. A complete list of modernizations is in Appendix E of the Superintendent's Recommended FY 2011 Capital Budget and FY 2011-2016 CIP.

FISCAL NOTE

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

The impact tax reflected in the expenditure schedule shown above is applied to the addition portions of some modernizations within this project.

- * 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>FY</td> <td>(\$000)</td> </tr> <tr> <td>First Cost Estimate</td> <td>FY</td> <td>28,300</td> </tr> <tr> <td>Current Scope</td> <td></td> <td></td> </tr> <tr> <td>Last FY's Cost Estimate</td> <td></td> <td>470,455</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>Appropriation Request</td> <td>FY11</td> <td>0</td> </tr> <tr> <td>Appropriation Request Est.</td> <td>FY12</td> <td>0</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>FY08</td> <td>0</td> </tr> <tr> <td>New Partial Closeout</td> <td>FY09</td> <td>0</td> </tr> <tr> <td>Total Partial Closeout</td> <td></td> <td>0</td> </tr> </table> | Date First Appropriation | FY | (\$000) | First Cost Estimate | FY | 28,300 | Current Scope | | | Last FY's Cost Estimate | | 470,455 | | | | Appropriation Request | FY11 | 0 | Appropriation Request Est. | FY12 | 0 | Supplemental Appropriation Request | | 0 | Transfer | | 0 | | | | Cumulative Appropriation | | 0 | Expenditures / Encumbrances | | 0 | Unencumbered Balance | | 0 | | | | Partial Closeout Thru | FY08 | 0 | New Partial Closeout | FY09 | 0 | Total Partial Closeout | | 0 | <p>Mandatory Referral - M-NCPPC Department of Environmental Protection</p> <p>Building Permits: Code Review Fire Marshal Department of Transportation</p> <p>Inspections Sediment Control Stormwater Management</p> <p>WSSC Permits</p> | |
| Date First Appropriation | FY | (\$000) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| First Cost Estimate | FY | 28,300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Current Scope | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Last FY's Cost Estimate | | 470,455 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Appropriation Request | FY11 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Appropriation Request Est. | FY12 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Supplemental Appropriation Request | | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Transfer | | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cumulative Appropriation | | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenditures / Encumbrances | | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unencumbered Balance | | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Partial Closeout Thru | FY08 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| New Partial Closeout | FY09 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Partial Closeout | | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix R

Assessing Schools for Modernization

In 1992, the Board of Education adopted a modernization policy that makes a strong statement for the need to update aging facilities through modernization in order to provide equitable learning environments across the county. Modernizations not only upgrade building systems, such as heating and air conditioning, plumbing, etc., it also bring aging facilities up to the same educational program standards as new schools. Modernizations also provide an opportunity to upgrade facilities to current building codes and regulations such as providing a facility that is accessible for persons with disabilities, abating hazardous materials, providing Fire Safety Code Upgrades, and improving Indoor Air Quality.

A detailed objective assessment process ranks schools in priority order for modernization. Facilities are evaluated based on physical condition and educational program capability. The physical condition assessment, called Facilities Assessment with Criteria and Testing (FACT), was developed by the MCPS Division of Construction with review and advice from facilities and planning staff members, experts from other area jurisdictions, and the Maryland State Department of Education School Construction Department. A team of trained technicians evaluates each school in need of modernization. Weighted scores are applied to the assessment for various aspects of the building, and based on the physical condition of the building, a final score is calculated, with a maximum of 1,000 points.

The Educational Program Assessment ranks each school based on how well the facility meets the educational space requirements of the current instructional program. This assessment process was developed in conjunction with MCPS instructional staff, planning and facilities staff, school principals, and Montgomery County Council of Parent Teacher Associations (MCCPTA) representatives. The Educational Program Assessment pays particular attention to comparing the amount of existing space within each building to the amount of space that would be provided by a modernization or a new school.

Other aspects of educational programs that are reviewed as part of the formal assessment relate to safety, security, energy conservation, and comfort.

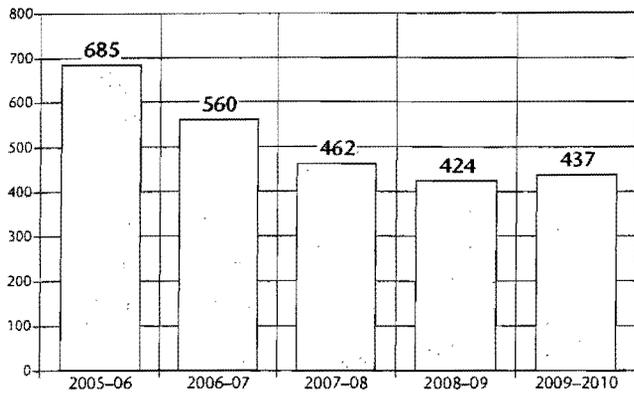
The Educational Program Assessment also has a maximum score of 1,000 points. When both assessments are combined, a maximum of 2,000 points is possible. Both assessment components were reviewed and approved by the Board of Education. This process is widely recognized by school officials and community leaders as an objective and impartial tool for prioritizing modernizations.

In FY 1993, the modernization assessment process was performed on 37 elementary and secondary schools in the current and future modernization program. The ranking was established and adopted as the priority for modernizations by the Board of Education and has been adhered to since that time. Of the original 37 schools that were assessed, seven remain to be completed on the schedule. The original 37 schools were placed on the list primarily based on the age of the facility.

In FY 1996, the Board of Education asked for funds to assess all remaining schools for modernization. The County Council appropriated enough funds to assess an additional 35 schools. The schools chosen for assessment in FY 1996 were schools that were built before 1970 that were never modernized, or schools that were renovated before 1977. These schools were added to the end of the first list of schools assessed for modernization.

In FY 2000, the seven remaining high schools that were not assessed in FY 1992 and FY 1996 were assessed and added to the modernization schedule. The schools were placed in ranked order after the schools assessed in FY 1996. There remains a list of 41 schools built or renovated before 1985 that have not been assessed, and have not been added to the modernization schedule. The list includes: 29 elementary schools, 11 middle schools, and 1 high school.

Number of Relocatable Classrooms in Use at Schools



Source: Montgomery County Public Schools, Division of Construction.

Interim Space Needs

The use of relocatable classrooms on a short-term basis has proven to be successful in providing schools the space necessary to deliver educational programs. Relocatable classrooms provide an interim learning environment for students until permanent capacity can be constructed. Relocatable classrooms also enable the school system to avoid significant capital investment where building needs are only short-term. The number of relocatable classrooms in use grew dramatically as program initiatives described under Objective 1 were implemented and enrollment increased. The number of relocatables declined between 2005 and 2008 as enrollment plateaued. However, with enrollment increasing again, the number of relocatables is going up again. This school year about 10,000 students attended class in 436 relocatable classrooms. This number does not include relocatable classrooms used to stage construction on site at schools or ones located at holding facilities and other facilities throughout the school system. Continued reduction of relocatable use is an objective of MCPS facility plans.

Non-Capital Actions

The superintendent released a boundary recommendation on October 15, 2009 to relieve overutilization at Sligo Creek Elementary School. Capacity is being added at Takoma Park Elementary School to accommodate students from Sligo Creek Elementary School. The boundary study included representatives from East Silver Spring, Piney Branch, Sligo Creek, and Takoma Park elementary schools. Because East Silver Spring, Piney Branch, and Takoma Park elementary schools articulate to Takoma Park Middle School and Sligo Creek Elementary School articulates to Silver Spring International Middle School, the scope of the boundary study included representatives from these middle schools. Board of Education action is scheduled for November 19, 2009 with implementation of the boundaries beginning in August 2010.

Two new boundary studies are recommended as part of the Recommended FY 2011-2016 CIP. The first boundary study is recommended to evaluate reassignment of the western portion of the Bethesda Elementary School service area (that articulates to the Walt Whitman cluster secondary schools). Representatives

from Bethesda Elementary School in the Bethesda-Chevy Chase cluster and Bradley Hills Elementary School in the Walt Whitman cluster will participate in the boundary advisory committee. The boundary study will take place in the winter of 2009-2010. The superintendent will make a recommendation in February 2010 for Board of Education action in March 2010.

The second boundary study is recommended to explore the option of reassigning Rockwell Elementary School from Rocky Hill Middle School to John T. Baker Middle School. The boundary study will include representatives from Rockwell Elementary School, John T. Baker, and Rocky Hill middle schools. Rockwell Elementary School articulates to Damascus High School. For students who live in the Rockwell Elementary School service area, reassignment from Rocky Hill Middle School to John T. Baker Middle School would provide a straight articulation pattern from elementary school, to middle school, and then to high school. The boundary study will take place in the spring of 2010. The superintendent will make a recommendation in October 2010 for Board of Education action in November 2010.

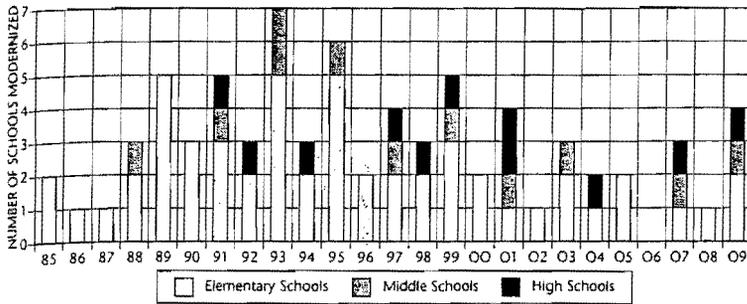
OBJECTIVE 3: Modernize Schools Through a Systematic Modernization Schedule

The Board of Education, superintendent, and school community recognize the necessity of modernizing older schools. Modernizations update school facilities and provide the variety of instructional spaces necessary to effectively deliver the current curriculum. Modernizing a school also provides access to up-to-date information technology for students, staff, and the community. The cost to modernize an older school so that it is educationally, technologically, and physically up-to-date, is similar to the cost of constructing a new school. At some schools, a 20-year life cycle cost analysis shows it is more cost effective to replace an older school facility rather than modernizing it. In addition, modernizations are critical components in revitalizing older, established neighborhoods and providing equity with newer schools.

Since 1985, 75 schools have been modernized, including 53 elementary schools, 11 middle schools, and 11 high schools. Although this is a large number of facilities, the current pace of modernization does not allow MCPS to modernize schools in the time frame desired. At the current rate, elementary schools are being modernized on a 65 year cycle, middle schools on a 76 year cycle, and high schools on a 50 year cycle. Because of funding limitations and a lack of secondary holding facilities, MCPS has been unable to accelerate the pace of modernizations.

In order to accelerate the pace of secondary school modernizations, funding is recommended in the Rehabilitation/Renovation of Closed Schools (RROCS) project, to take possession of the Broome facility (currently owned by Montgomery County) and reopen it as a middle school holding facility. This facility will require significant facility modifications to support a middle school program. In addition, since the reopening of Northwood

School Modernizations 1985–2009*



- 1985 — Oak View ES, Woodfield ES
- 1986 — Twinbrook ES
- 1987 — Cedar Grove ES
- 1988 — Bannockburn ES, Rosemary Hills ES, Gaithersburg MS
- 1989 — Cloverly ES, Highland ES, Laytonville ES, Monocacy ES, Montgomery Knolls ES
- 1990 — Olney ES, Westbrook ES
- 1991 — Pine Crest ES, Travilah ES, Viers Mill ES, Sligo MS, Sherwood HS
- 1997 — Beall ES, Burning Tree ES, Viers Mill ES, Sligo MS, Sherwood HS
- 1999 — Ashburn ES, Burtonsville ES, Clarksburg ES, Forest Knolls ES, Oakland Terrace ES, Pye MS, White Oak MS
- 1994 — Highland View ES, Meadow Hall ES, Springbrook HS
- 1995 — Brookhaven ES, Georgian Forest ES, Jackson Road ES, North Chevy Chase ES, Rosemont ES, Julius West MS
- 1996 — Flower Valley ES, Kemp Mill ES
- 1997 — Ritchie Park ES, Wyngate ES, Westland MS, Albert Einstein HS
- 1998 — Lucy Barnsley ES, Westover ES, Montgomery Blair HS
- 1999 — Bethesda ES, Harmony Hills ES, Rock View ES, Takoma Park MS, John F. Kennedy HS
- 2000 — Mill Creek Towne ES, Chevy Chase ES
- 2001 — Rock Creek Valley ES, Earle B. Wood MS, Bethesda-Chevy Chase HS
- 2002 — Wood Acres ES
- 2003 — Lakewood ES, William Tyler Page ES
- 2004 — Glen Haven ES, Rockville HS
- 2005 — Somerset ES, Kensington-Parkwood ES
- 2006 — None
- 2007 — College Gardens ES, Parkland MS, Richard Montgomery HS
- 2008 — Calway ES
- 2009 — Bells Mill ES, Cashell ES, Francis Scott Key MS, Walter Johnson HS

*School Year Completed
Source: Montgomery County Public Schools, Division of Long-range Planning

already been assessed for modernization. In order to continue with the modernizations program, schools that were built or renovated before 1985 need to be assessed for modernization. The FACT assessment tool will need to be reviewed and updated to reflect current building codes and educational program needs for schools. Staff from the Department of Facilities Management will update the FACT assessment tool and provide opportunity for community review and comment beginning in January 2010. Concurrent with the review of the FACT tool, the superintendent is recommending rescinding the Modernization Policy (FKB) and incorporating modernization provisions in the Long-range Educational Facilities Planning Policy and Regulation (FAA and FAA-RA).

Following the update of the FACT assessment tool, the next round of schools will be assessed for modernization by consultants. An FY 2011 appropriation is recommended for facility planning funds to conduct the assessments. It is anticipated that the new queue of schools will be published as part of the FY 2013–2018 CIP in the fall of 2011.

High School in 2004, there has been no high school holding facility. Tilden Middle School is currently located at the Woodward facility that is located on Old Georgetown Road. Rather than modernize the Woodward facility for Tilden Middle School, the current Tilden Holding Facility, that is used for middle schools and is located on Tilden Lane, will be modernized to house Tilden Middle School. The Woodward facility will then become a secondary school holding facility for middle and high school modernizations scheduled after Tilden Middle School. Funding is recommended in the RROCS project to make facility modifications to the Woodward facility.

OBJECTIVE 4: Provide Schools that Are Environmentally Safe, Secure, Functionally Efficient, and Comfortable

To maintain and extend the useful life of school facilities, MCPS follows a continuum of activities that begins the first day a new school is opened and ends when a school's modernization begins. Funding for maintenance activities is found in both the capital and operating budgets. The trend for the past five years has been a level of funding effort in both budgets for building maintenance and systemic renovations. Until the modernization program reaches an acceptable cycle, additional funding needs to be dedicated to regular, preventive, and capital maintenance activities. Understanding the full cost of building maintenance is critical to developing a balance between the comprehensive maintenance plan and a modernization schedule that reflects the school system's priorities.

The school modernization schedule is based on a standardized assessment tool called FACT—Facilities Assessment with Criteria and Testing. Schools beyond a certain age were assessed and scored on a standard set of facility and educational program space criteria. Schools that were scheduled for modernization were ordered according to their ranking after the assessment (See appendix R). The order of modernizations for assessed schools is found in appendix E. The Recommended FY 2011–2016 CIP includes funding for planning and/or constructions funds for the remaining elementary school that have

Holding Facility Schedule

| Holding Facility | SY 09–10 | SY 10–11 | SY 11–12 | SY 12–13 | SY 13–14 | SY 14–15 | SY 15–16 |
|---------------------------|-------------------|--------------|---------------|----------------|-------------------|---------------------|--------------------|
| ELEMENTARY SCHOOLS | | | | | | | |
| North Lake | | Fairland | Beverly Farms | | Bel Pre | | Wheaton Woods |
| Radnor | Carderock Springs | Seven Locks | | Bradley Hills | Rock Creek Forest | | Wayside |
| Grosvenor | Takoma Park | Garrett Park | | Weller Road | Candlewood | | Brown Station |
| Fairland | Cresthaven | Cannon Road | | Glenallan | | | |
| MIDDLE SCHOOLS | | | | | | | |
| Tilden Center | | Cabin John | | Herbert Hoover | | William H. Farquhar | Tilden at Woodward |

Appendix E

Modernization Schedule for Assessed Schools

| Schools | Year Built | Year Renovated | FACT Score | Approved Schedule |
|---------------------|------------|----------------|------------|--------------------------------|
| Elementary | | | | |
| Cashell | 1969 | | 1292 | 8/2009 |
| Cresthaven | 1962 | | 1311 | 8/2010 |
| Carderock Springs | 1966 | | 1316 | 8/2010 |
| Bells Mill | 1968 | | 1319 | 8/2009 |
| Farmland | 1963 | | 1417 | 8/2011 |
| Seven Locks | 1964 | | 1344 | 1/2012 |
| Cannon Road | 1967 | | 1357 | 1/2012 |
| Garrett Park | 1948 | 1973 | 1388 | 1/2012 |
| Glenallan | 1966 | | 1418 | 8/2013 |
| Beverly Farms | 1965 | | 1427 | 8/2013 |
| Weller Road | 1953 | 1975 | 1461 | 8/2013 |
| Bel Pre | 1968 | | 1476 | 8/2014 |
| Candlewood | 1968 | | 1489 | 1/2015 |
| Rock Creek Forest | 1950 | 1971 | 1492 | 1/2015 |
| Wayside | 1969 | | 1502 | 8/2016 |
| Brown Station | 1969 | | 1516 | 8/2016 |
| Wheaton Woods | 1952 | 1976 | 1525 | 8/2016 |
| Potomac | 1949 | 1976 | 1550 | 1/2018 |
| Luxmanor | 1966 | | 1578 | 1/2018 |
| Maryvale | 1969 | | 1578 | 1/2018 |
| Sandburg | 1962 | | ***** | TBD |
| Middle | | | | |
| Francis Scott Key | 1967 | | 1389 | 8/2009 |
| Cabin John | 1968 | | 1422 | 8/2011 |
| Herbert Hoover | 1966 | | 1427 | 8/2013 |
| William H. Farquhar | 1968 | | 1434 | 8/2015 |
| Tilden @ Woodward | 1966 | | 1455 | 8/2017 |
| Eastern | 1951 | 1976 | 1472 | 8/2019 |
| E. Brooke Lee | 1966 | | 1479 | TBD |
| High | | | | |
| Walter Johnson | 1956 | 1977 | 1405 | 1/2010 Building 8/2010 Site |
| Paint Branch | 1969 | | 1425 | 8/2012 Building 8/2013 Site |
| Gaithersburg | 1951 | 1978 | 1214 | 8/2013 Building 8/2014 Site |
| Wheaton | 1954 | 1983 | 1220 | 8/2015 Building 8/2016 Site |
| Seneca Valley | 1974 | | 1254 | 8/2016 Building 8/2017 Site |
| Thomas S. Wootton | 1970 | | 1301 | 8/2018 Building 8/2019 Site |
| Poolesville | 1953 | 1978 | 1362 | TBD |
| Col. Zadok Magruder | 1970 | | 1471 | TBD |
| Damascus | 1950 | 1978 | 1496 | TBD |

Note: Schools were assessed for modernization in 1992, 1996, and 1999. There is some overlap in scores due to the four year gap in dates of the assessments. Schools on the 1992 list would have been four years older and may have had lower scores if the school from both lists were assessed at the same time. No funds have been allocated to complete the assessments of the remaining elementary and middle schools.

TBD Projects that do not have planning and/or construction expenditures in the Superintendent's Recommended FY2011 Capital Budget and the FY2011-2016 CIP have completion dates to be determined (TBD). This TBD status will be revised in a future CIP.

BOE Requested FY11-16 Modernization Expenditure Schedule

| Completion Date | School | Through Total FY09 | Estimate FY10 | Total 6 Years | FY11 | FY12 | FY13 | FY14 | FY15 | FY16 | Beyond 6 Years | |
|-----------------|--------------------------------|--------------------|---------------|---------------|----------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Aug-10 | Cresthaven ES | 25,549 | 20,632 | 4,917 | 4,917 | | | | | | | |
| Aug-10 | Carderock Springs ES | 23,187 | 17,070 | 6,117 | 6,117 | | | | | | | |
| Aug-11 | Cabin John MS | 38,572 | 4,460 | 34,112 | 15,607 | 18,505 | | | | | | |
| Aug-12 | Paint Branch HS | 96,495 | 4,642 | 91,853 | 20,449 | 19,984 | 35,176 | 16,244 | | | | |
| Aug-11 | Farmland ES | 21,482 | 4,610 | 16,872 | 9,328 | 7,544 | | | | | | |
| Jan-12 | Cannon Road ES | 25,925 | 600 | 25,325 | 17,264 | 8,061 | | | | | | |
| Jan-12 | Garrett Park ES | 25,016 | 688 | 24,328 | 14,890 | 9,438 | | | | | | |
| Aug-13 | Gaithersburg HS | 117,149 | 1,406 | 115,743 | 2,109 | 22,913 | 42,441 | 33,943 | 14,337 | | | |
| Aug-09 | Carl Sandburg Learning C | - | - | - | - | - | - | - | - | - | - | |
| Aug-13 | Glenallan ES | 29,091 | 220 | 28,871 | 441 | 6,306 | 9,345 | 12,779 | | | | |
| Aug-13 | Beverly Farms ES | 28,747 | 221 | 28,526 | 442 | 6,456 | 10,313 | 11,315 | | | | |
| Aug-13 | Weiler Road ES | 24,119 | 182 | 23,937 | 363 | 5,395 | 8,701 | 9,478 | | | | |
| Aug-13 | Herbert Hoover MS | 47,930 | 371 | 47,559 | 741 | 10,740 | 15,596 | 9,625 | 10,857 | | | |
| Aug-14 | Bel Pre ES | 26,241 | - | 26,241 | 215 | 429 | 7,137 | 10,092 | 8,368 | | | |
| Jan-15 | Candlewood ES | 20,034 | - | 20,034 | | 152 | 304 | 4,428 | 7,145 | 8,005 | | |
| Jan-15 | Rock Creek Forest ES | 24,465 | - | 24,465 | | 185 | 371 | 5,458 | 8,782 | 9,669 | | |
| Aug-15 | William Farquhar MS | 47,798 | - | 35,190 | | 345 | 690 | 10,758 | 17,285 | 6,112 | 12,608 | |
| Aug-16 | Wheaton HS | 91,187 | - | 52,100 | | 605 | 1,211 | 18,931 | 19,846 | 11,507 | 39,087 | |
| | Subtotal - Current Mods | 712,987 | - | 55,102 | 606,190 | 92,883 | 117,058 | 131,285 | 143,051 | 86,620 | 35,293 | 51,695 |
| Aug-16 | Wayside ES | 18678 | | 9869 | | | 142 | 284 | 4386 | 5057 | 8809 | |
| Aug-16 | Brown Station ES | 23136 | | 12817 | | | 176 | 351 | 5488 | 6802 | 10319 | |
| Aug-16 | Wheaton Woods ES | 24584 | | 13772 | | | 186 | 372 | 5844 | 7370 | 10812 | |
| Aug-17 | Seneca Valley HS | 102914 | | 50744 | | | 681 | 1362 | 23097 | 25604 | 52170 | |
| Aug-17 | Tilden @ Woodward MS | 47921 | | 6260 | | | | 345 | 690 | 5225 | 41661 | |
| Jan-18 | Potomac ES | 23123 | | 3309 | | | | | 175 | 3134 | 19814 | |
| Jan-18 | Maryvale ES | 25193 | | 3793 | | | | | 190 | 3603 | 21400 | |
| Jan-18 | Luxmanor ES | 24410 | | 3620 | | | | | 185 | 3435 | 20790 | |
| Aug-19 | Wootton HS | 99598 | | 1980 | | | | | 660 | 1320 | 97618 | |
| Aug-19 | Eastern MS | 48438 | | 349 | | | | | | 349 | 48089 | |
| | Subtotal - Future Mods | 437,995 | - | - | 106,513 | - | - | 1,185 | 2,714 | 40,715 | 61,899 | 331,482 |
| | Total Modernizations | 1,150,982 | - | 55,102 | 712,703 | 92,883 | 117,058 | 132,470 | 145,765 | 127,335 | 97,192 | 383,177 |

(42)

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

Category
SubCategory
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
MCPS
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

November 16, 2009
No
None
On-going

EXPENDITURE SCHEDULE (\$000)

| Cost Element | Total | Thru FY09 | Est. FY10 | Total 6 Years | FY11 | FY12 | FY13 | FY14 | FY15 | FY16 | Beyond 6 Years |
|-----------------------------------|----------------|---------------|------------|---------------|--------------|---------------|--------------|----------|--------------|---------------|----------------|
| Planning, Design, and Supervision | 9,662 | 2,690 | 642 | 5,786 | 856 | 642 | 0 | 0 | 2,627 | 1,661 | 544 |
| Land | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Site Improvements and Utilities | 13,504 | 4,380 | 0 | 8,355 | 3,168 | 2,112 | 0 | 0 | 0 | 3,075 | 769 |
| Construction | 122,425 | 38,263 | 0 | 46,372 | 4,656 | 9,312 | 9,312 | 0 | 0 | 23,092 | 37,790 |
| Other | 5,306 | 2,956 | 0 | 950 | 0 | 760 | 190 | 0 | 0 | 0 | 1,400 |
| Total | 150,897 | 48,289 | 642 | 61,463 | 8,680 | 12,826 | 9,502 | 0 | 2,627 | 27,828 | 40,503 |

FUNDING SCHEDULE (\$000)

| | | | | | | | | | | | |
|--------------------------|----------------|---------------|------------|---------------|--------------|---------------|--------------|----------|--------------|---------------|---------------|
| Current Revenue: General | 2,765 | 2,765 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G.O. Bonds | 123,920 | 21,312 | 642 | 61,463 | 8,680 | 12,826 | 9,502 | 0 | 2,627 | 27,828 | 40,503 |
| State Aid | 16,139 | 16,139 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAYGO | 375 | 375 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Recordation Tax | 7,000 | 7,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Schools Impact Tax | 698 | 698 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 150,897 | 48,289 | 642 | 61,463 | 8,680 | 12,826 | 9,502 | 0 | 2,627 | 27,828 | 40,503 |

OPERATING BUDGET IMPACT (\$000)

| | | | | | | | | | | |
|-------------------|--|--|--|---------------|--------------|--------------|------------|------------|------------|------------|
| Energy | | | | 1,340 | 272 | 272 | 199 | 199 | 199 | 199 |
| Maintenance | | | | 3,368 | 922 | 922 | 381 | 381 | 381 | 381 |
| Program-Other | | | | 4,344 | 2,172 | 2,172 | 0 | 0 | 0 | 0 |
| Program-Staff | | | | 6,438 | 3,219 | 3,219 | 0 | 0 | 0 | 0 |
| Net Impact | | | | 15,490 | 6,585 | 6,585 | 580 | 580 | 580 | 580 |
| WorkYears | | | | | 66.0 | 66.0 | 0.0 | 0.0 | 0.0 | 0.0 |

DESCRIPTION

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

An FY 2005 appropriation was approved for the reopening of the Downcounty Consortium ES #27 (Connecticut Park), planning funds for the reopening of Col. Belt Junior High School, and funds for two stand-alone modular buildings for the Infants & Toddlers Program staff at Neelsville MS and Rosa Parks MS, provided funds for the relocation of administrative office space currently housed at Connecticut Park, and provided funds for the relocation of offices currently housed at the North Lake holding facility. Due to fiscal constraints in the FY 2005-2010 CIP, the County Council shifted funds for the Downcounty Consortium ES #28 one year, changing the completion date to September 2006.

An FY 2006 appropriation was approved for construction funds for Downcounty Consortium ES #28, and furniture and equipment funds for DCC ES #27. A Special Appropriation and amendment to the FY 2005-2010 CIP was approved in the amount of \$2.4 million for the DCC ES #27 to provide additional funding due to rising construction costs. The Board of Education's FY 2009-2014 CIP included a request for DCC ES #29 (McKenney Hills Reopening) to relieve the overutilization at Oakland Terrace and Woodlin elementary schools. An FY 2010 appropriation was approved for planning funds. An FY 2011 appropriation is requested for the construction funds for the reopening of McKenney Hills. This project is scheduled to be completed in August 2012. Expenditures shown in the outyears of this PDF are earmarked for the reopening of Broome Junior High School and the reuse of Woodward High School as holding facilities during secondary school modernizations. The balance of funding for both of these projects will be shown in a future CIP.

OTHER DISCLOSURES

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

| APPROPRIATION AND EXPENDITURE DATA | | | COORDINATION | | MAP | |
|------------------------------------|------|---------|--|--|-----|--|
| Date First Appropriation | FY | (\$000) | Mandatory Referral - M-NCPPC Department of Environmental Protection Building Permits: Code Review Fire Marshal Department of Transportation Inspections Sediment Control Stormwater Management WSSC Permits | | | |
| First Cost Estimate | FY | 15,152 | | | | |
| Current Scope | | | | | | |
| Last FY's Cost Estimate | | 76,812 | | | | |
| Appropriation Request | FY11 | 28,560 | | | | |
| Appropriation Request Est. | FY12 | 951 | | | | |
| Supplemental Appropriation Request | | 0 | | | | |
| Transfer | | 0 | | | | |
| Cumulative Appropriation | | 50,428 | | | | |
| Expenditures / Encumbrances | | 47,761 | | | | |
| Unencumbered Balance | | 2,667 | | | | |
| Partial Closeout Thru | FY08 | 19,186 | | | | |
| New Partial Closeout | FY09 | 0 | | | | |
| Total Partial Closeout | | 19,186 | | | | |

Reopening of Broome JHS -- No. 116501

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
MCPS
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

October 23, 2009
No
None
Under Construction

EXPENDITURE SCHEDULE (\$000)

| Cost Element | Total | Thru FY09 | Est. FY10 | Total 6 Years | FY11 | FY12 | FY13 | FY14 | FY15 | FY16 | Beyond 6 Years |
|-----------------------------------|---------------|--------------|--------------|------------------|----------|----------|----------|----------|--------------|---------------|-------------------|
| Planning, Design, and Supervision | 2,720 | 0 | 0 | 2,176 | 0 | 0 | 0 | 0 | 1,360 | 816 | 544 |
| Land | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Site Improvements and Utilities | 3,844 | 0 | 0 | 3,075 | 0 | 0 | 0 | 0 | 0 | 3,075 | 769 |
| Construction | 33,120 | 0 | 0 | 11,560 | 0 | 0 | 0 | 0 | 0 | 11,560 | 21,560 |
| Other | 1,400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,400 |
| Total | 41,084 | 0 | 0 | 16,811 | 0 | 0 | 0 | 0 | 1,360 | 15,451 | 24,273 |

FUNDING SCHEDULE (\$000)

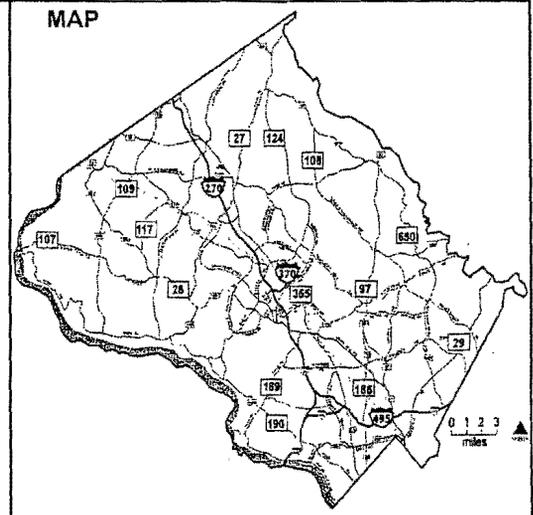
| | | | | | | | | | | | |
|--------------|---------------|----------|----------|---------------|----------|----------|----------|----------|--------------|---------------|---------------|
| G.O. Bonds | 41,084 | 0 | 0 | 16,811 | 0 | 0 | 0 | 0 | 1,360 | 15,451 | 24,273 |
| Total | 41,084 | 0 | 0 | 16,811 | 0 | 0 | 0 | 0 | 1,360 | 15,451 | 24,273 |

DESCRIPTION

The scheduling of modernizations is consistent with the MCPS long-range plans to renew aging facilities on a rational and periodic basis. In order to accelerate the pace of secondary school modernizations, the Requested FY2011-2016 CIP includes expenditures in the out-years of the CIP to reopen the Broome facility, currently owned by Montgomery County, for use as a middle school holding facility. This facility will require significant modifications to support a middle school program.

Planning funds will be requested in FY 2015 to begin required modifications to the current facility. This project is scheduled to be completed by August 2017.

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



Reuse of Woodward HS as a Holding Facility -- No. 116502

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Countywide
MCPS
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

October 23, 2009
No
None
Under Construction

EXPENDITURE SCHEDULE (\$000)

| Cost Element | Total | Thru FY09 | Est. FY10 | Total 6 Years | FY11 | FY12 | FY13 | FY14 | FY15 | FY16 | Beyond 6 Years |
|-----------------------------------|---------------|--------------|--------------|------------------|----------|----------|----------|----------|--------------|---------------|-------------------|
| Planning, Design, and Supervision | 2,112 | 0 | 0 | 2,112 | 0 | 0 | 0 | 0 | 1,267 | 845 | 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 | 27,762 | 0 | 0 | 11,532 | 0 | 0 | 0 | 0 | 0 | 11,532 | 16,230 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 29,874 | 0 | 0 | 13,644 | 0 | 0 | 0 | 0 | 1,267 | 12,377 | 16,230 |

FUNDING SCHEDULE (\$000)

| | | | | | | | | | | | |
|--------------|---------------|----------|----------|---------------|----------|----------|----------|----------|--------------|---------------|---------------|
| G.O. Bonds | 29,874 | 0 | 0 | 13,644 | 0 | 0 | 0 | 0 | 1,267 | 12,377 | 16,230 |
| Total | 29,874 | 0 | 0 | 13,644 | 0 | 0 | 0 | 0 | 1,267 | 12,377 | 16,230 |

DESCRIPTION

The scheduling of modernizations is consistent with the MCPS long-range plans to renew aging facilities on a rational and periodic basis. Since the re-opening of Northwood High School in 2004, there has been no high school holding facility. Tilden Middle School is currently located at the Woodward facility, located on Old Georgetown Road and has expenditures in the Future Modernization PDF for a modernization. The Tilden Holding Facility, currently used to house middle schools during modernizations, is located on Tilden Lane. Instead of modernizing the Woodward facility for Tilden Middle School, expenditures included in the FY 2011-2016 CIP in the Future Modernization PDF will be used to modernize the Tilden Holding Facility for Tilden Middle School.

Expenditures in this PDF will be used to renovate the existing Woodward facility to be reused as a secondary school holding facility for modernizations scheduled after Tilden Middle School. Planning funds to begin renovations to Woodward facility will be requested in FY 2015. This project is scheduled to be completed August 2017.

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

Resolution: _____
Introduced: _____
Adopted: _____

COUNTY COUNCIL
FOR MONTGOMERY COUNTY, MARYLAND

By: County Council

SUBJECT: Special Appropriation and amendment to the FY10 Capital Budget and
Amendment to the FY09-14 Capital Improvements Program
Montgomery County Public Schools
Relocatable Classrooms (No. 846540)
Source of Funds: Current Revenue

Background

1. Article 3, Section 308, of the Charter of Montgomery County, Maryland, provides that a special appropriation: (a) may be made at any time after public notice by news release to meet an unforeseen disaster or other emergency; or to act without delay in the public interest; (b) must specify the revenues to finance it; and (c) must be approved by no fewer than six members of the Council.
2. Section 302 of the County Charter provides that the Council may amend an approved capital improvements program at any time by an affirmative vote of six Councilmembers.
3. The Board of Education requested a special appropriation for the Montgomery County Public Schools' Relocatable Classrooms capital project as follows:

| <u>Project Name</u> | <u>Project Number</u> | <u>Amount</u> | <u>Source of Funds</u> |
|------------------------|-----------------------|---------------|------------------------|
| Relocatable Classrooms | 846540 | \$6,750,000 | Current Revenue |
| TOTAL | | \$6,750,000 | |

4. This request increases planned expenditures in FY11 from \$2.5 million to \$6.75 million to accommodate student population changes for the 2010-2011 schoolyear and is consistent with the Board of Education's FY11-16 Capital Improvements Program previously transmitted to the Council.
5. The special appropriation will allow MCPS to begin contracting work related to FY11 Capital Budget expenditures during FY10 so that new and existing relocatable classrooms can be moved early in the summer of 2010 and therefore be ready for use for the next

school year beginning on August 30, 2010.

6. Notice of public hearing was given and a public hearing was held on March 16, 2010.
7. The County Council declares this request is in the public interest to be acted upon without delay as provided for under special appropriation requirements described in Article 3-Section 308 of the Montgomery County Charter.

Action

The County Council for Montgomery County, Maryland, approves the following action:

A special appropriation to the FY07 Capital Budget and amendment to the FY07-12 Capital Improvements Program is approved for the Montgomery County Public Schools as follows and as shown on the attached project description form.

| <u>Project Name</u> | <u>Project Number</u> | <u>Amount</u> | <u>Source of Funds</u> |
|------------------------|-----------------------|--------------------|------------------------|
| Relocatable Classrooms | 846540 | <u>\$6,750,000</u> | Current Revenue |
| TOTAL | | <u>\$6,750,000</u> | |

This is a correct copy of Council action.

Linda M. Lauer, Clerk of the Council

Office of the Superintendent of Schools
MONTGOMERY COUNTY PUBLIC SCHOOLS
Rockville, Maryland

February 22, 2010

MEMORANDUM

To: The Honorable Isiah Leggett, County Executive
The Honorable Nancy Floreen, President, Montgomery County Council

From: Jerry D. Weast, Superintendent of Schools 

Subject: Transmittal – FY 2010 Supplemental Appropriation Request for Relocatable Classrooms

Board of Education Meeting Date: February 17, 2010; meeting postponed on February 9, 2010, due to inclement weather

Type of Action:

Supplemental Appropriation

Transfer

Notification

JDW:JLL:ak

Attachments

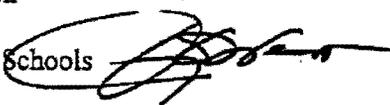
Copy to:
Montgomery County Office of Management and Budget

Office of the Superintendent of Schools
MONTGOMERY COUNTY PUBLIC SCHOOLS
Rockville, Maryland

February 9, 2010

MEMORANDUM

To: Members of the Board of Education

From: Jerry D. Weast, Superintendent of Schools 

Subject: FY 2010 Special Appropriation Request for Relocatable Classrooms

WHEREAS, The Board of Education's Requested FY 2011-2016 Capital Improvements Program includes \$6.750 million in the FY 2011 Capital Budget for relocatable classrooms to accommodate student population changes for the 2010-2011 school year; and

WHEREAS, These funds are programmed to be expended during summer 2010 but will not be available until the County Council takes final action on the Board of Education's Capital Improvements Program request in May 2010; and

WHEREAS, The contracts for the relocation and installation work for the FY 2011 relocatable classroom moves must be executed prior to May 15, 2010, in order to have the units ready for the start of school in August 2010; and

WHEREAS, The appropriation authority to expend the funds programmed for FY 2011 must be approved by the County Council before the Board of Education can enter into contracts; now therefore be it

Resolved, That the Board of Education request an FY 2010 special appropriation in the amount of \$6.750 million to accelerate the requested FY 2011 appropriation to provide for the execution of contracts for relocatable classroom moves planned for summer 2010 to address school enrollment changes in time for the beginning of the 2010-2011 school year; and be it further

Resolved, That this request be forwarded to the county executive and the County Council for action.

JDW:LAB:JLJ:jlc

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

May 15, 2009
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 | 6750 | 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 | 6750 | 0 | 0 | 0 | 0 |
| Current Revenue: General | 25,083 | 5,511 | 3,622 | 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 |
| 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 2009 special appropriation of \$3.125 million was approved by the County Council to accelerate the FY 2010 appropriation requested by the Board of Education to allow MCPS to enter into contracts in order to have the relocatable units ready for the 2009-2010 school year.

An FY 2010 appropriation and amendment to the FY 2009-2014 CIP was approved 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 | | |
| Last FY's Cost Estimate | 24,561 | |
| Appropriation Request | FY10 1,000 | |
| Supplemental Appropriation Request | 6750 | |
| Transfer | 0 | |
| Cumulative Appropriation | 15,861 | |
| Expenditures / Encumbrances | 12,080 | |
| Unencumbered Balance | 3,781 | |
| Partial Closeout Thru | FY07 56,588 | |
| New Partial Closeout | FY08 0 | |
| Total Partial Closeout | 56,588 | |



OFFICE OF THE COUNTY EXECUTIVE
ROCKVILLE, MARYLAND 20850

Isiah Leggett
County Executive

MEMORANDUM

March 4, 2010

TO: Nancy Floreen, President, County Council

FROM: Isiah Leggett, County Executive 

SUBJECT: Special Appropriation #11-E10-CMCPS-4 to the FY10 Capital Budget
Montgomery County Public Schools
Relocatable Classrooms (No. 846540), \$6,750,000

I am recommending a special appropriation to the FY10 Capital Budget in the amount of \$6,750,000 for the moving and installation of relocatable classrooms (Project No. 846540) for the Montgomery County Public Schools (MCPS) to accommodate student population changes for the upcoming 2010-2011 school year.

These funds have already been requested in the MCPS Capital Budget, but would not become available until the County Council takes final action on that request and the next fiscal year begins in July 2010. This action is needed because the contracts for the relocation and installation of these relocatable classrooms must be executed before May 15, 2010, to have them ready prior to the first day of the new school year. This action does not change the scope of the project, but the appropriation authority to expend these funds during the current fiscal year must be approved by the County Council before MCPS can proceed.

I recommend that the County Council approve this special appropriation in the amount of \$6,750,000 and specify the source of funds as current revenue. I appreciate your prompt consideration of this action.

IL:bd

Attachment: Board of Education Request

2010 MAR -5 AM 11:33

MONTGOMERY COUNTY
COUNCIL

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Appendix D

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

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

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.

Capacity Analysis for School Addition Projects

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

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

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

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

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

| | FY10 | FY11 | FY12 | FY13 | FY14 | FY15 | FY16 |
|--|---------|---------|---------|---------|---------|---------|---------|
| | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 | 2015-16 |
| Waters Landing ES Additon (Seneca Valley Cluster) | | | | | | | |
| - Current Capacity | 499 | 499 | 499 | 499 | 499 | 499 | 499 |
| - Enrollment | 628 | 622 | 631 | 648 | 630 | 639 | 644 |
| - Space Available | (129) | (123) | (132) | (149) | (131) | (140) | (145) |
| - School Utilization w/o Addition | 125.9% | 124.6% | 126.5% | 129.9% | 126.3% | 128.1% | 129.1% |
| - Space Added | | | | | 237 | 237 | 237 |
| - School Utilization with Addition | 125.9% | 124.6% | 126.5% | 129.9% | 85.6% | 86.8% | 87.5% |
| - Cluster Utilization (BOE Proposed) | 112.3% | 113.9% | 114.5% | 116.5% | 104.4% | 104.7% | 104.1% |
| Comment: Waters Landing is overutilized and is currently using 5 relocatable classrooms during the 2009-10 schoolyear. There is no capacity available within the cluster or at any nearby schools in other clusters. | | | | | | | |

| | FY10 | FY11 | FY12 | FY13 | FY14 | FY15 | FY16 |
|--|---------|---------|---------|---------|---------|---------|---------|
| | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 | 2015-16 |
| Westbrook ES Addition (B-CC Cluster) | | | | | | | |
| - Current Capacity | 293 | 293 | 293 | 293 | 293 | 293 | 293 |
| - Enrollment | 385 | 426 | 430 | 458 | 478 | 478 | 485 |
| - Space Available | (92) | (133) | (137) | (165) | (185) | (185) | (192) |
| - School Utilization w/o Addition | 131.4% | 145.4% | 146.8% | 156.3% | 163.1% | 163.1% | 165.5% |
| - Space Added | | | | | 344 | 344 | 344 |
| - School Utilization with Addition | 131.4% | 145.4% | 146.8% | 156.3% | 75.0% | 75.0% | 76.1% |
| - Cluster Utilization (BOE Proposed) | 129.0% | 129.0% | 130.1% | 131.9% | 117.9% | 107.7% | 108.6% |
| Comment: Westbrook is a small substantially overutilized school and is currently using 5 relocatable classrooms during the 2009-10 schoolyear. There is no capacity available within the cluster or at any nearby schools in other clusters. | | | | | | | |

| | FY10 | FY11 | FY12 | FY13 | FY14 | FY15 | FY16 |
|---|---------|---------|---------|---------|---------|---------|---------|
| | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 | 2015-16 |
| Wyngate ES Addition (Walter Johnson Cluster) | | | | | | | |
| - Current Capacity | 412 | 412 | 412 | 412 | 412 | 412 | 412 |
| - Enrollment | 634 | 640 | 650 | 679 | 683 | 678 | 679 |
| - Space Available | (222) | (228) | (238) | (267) | (271) | (266) | (267) |
| - School Utilization w/o Addition | 153.9% | 155.3% | 157.8% | 164.8% | 165.8% | 164.6% | 164.8% |
| - Space Added | | | | | 299 | 299 | 299 |
| - School Utilization with Addition | 153.9% | 155.3% | 157.8% | 164.8% | 96.1% | 95.4% | 95.5% |
| - Cluster Utilization (BOE Proposed) | 106.2% | 112.0% | 105.0% | 107.5% | 100.7% | 100.9% | 100.6% |
| Comment: Wyngate is substantially overutilized and is currently using 10 relocatable classrooms during the 2009-10 schoolyear. No capacity available at other schools within the cluster or in nearby clusters. | | | | | | | |

| | FY10 | FY11 | FY12 | FY13 | FY14 | FY15 | FY16 |
|---|---------|---------|---------|---------|---------|---------|---------|
| | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 | 2015-16 |
| RROCS (school reopening) | | | | | | | |
| Downcounty Consortium ES #29 (McKenney Hills) | | | | | | | |
| - Oakland Terrace Current Capacity | 456 | 456 | 456 | 456 | 456 | 456 | 456 |
| - Enrollment | 792 | 873 | 912 | 942 | 964 | 953 | 929 |
| - Space Available | (336) | (417) | (456) | (486) | (508) | (497) | (473) |
| - School Utilization w/o Addition | 173.7% | 191.4% | 200.0% | 206.6% | 211.4% | 209.0% | 203.7% |
| - Space Added | | | | 642 | 642 | 642 | 642 |
| - Cluster Utilization (BOE Proposed) | 116.4% | 116.6% | 109.8% | 107.4% | 101.1% | 100.2% | 99.6% |
| Comment: Oakland Terrace is severely overutilized and is currently using 11 relocatable classrooms during the 2009-10 schoolyear. No capacity available at any nearby schools. Reopening McKenney Hills would relieve Oakland Terrace and Woodlin ES. | | | | | | | |

| | FY10 | FY11 | FY12 | FY13 | FY14 | FY15 | FY16 |
|--|---------|---------|---------|---------|---------|---------|---------|
| | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 | 2015-16 |
| RROCS (school reopening) | | | | | | | |
| Downcounty Consortium ES #29 (McKenney Hills) | | | | | | | |
| - Woodlin ES Current Capacity | 386 | 386 | 386 | 386 | 386 | 386 | 386 |
| - Enrollment | 478 | 511 | 533 | 541 | 566 | 567 | 552 |
| - Space Available | (92) | (125) | (147) | (155) | (180) | (181) | (166) |
| - School Utilization w/o Addition | 123.8% | 132.4% | 138.1% | 140.2% | 146.6% | 146.9% | 143.0% |
| - Space Added to Oakland Terrace/Woodlin ES | | | | 642 | 642 | 642 | 642 |
| - Cluster Utilization (BOE Proposed) | 116.4% | 116.6% | 109.8% | 107.4% | 101.1% | 100.2% | 99.6% |
| Comment: Woodlin ES is substantially overutilized and is currently using 4 relocatable classrooms during the 2009-10 schoolyear. No capacity available at any nearby schools. Reopening McKenney Hills would relieve Oakland Terrace and Woodlin ES. | | | | | | | |

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

| Clarksburg Cluster ES Review | FY10 | FY11 | FY12 | FY13 | FY14 | FY15 | FY16 |
|--|----------------|----------------|----------------|----------------|----------------|----------------|-------------|
| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 | 2015-16 | |
| Approved Cluster Capacity | 3,071 | 3,071 | 3,071 | 3,071 | 3,071 | 3,071 | 3,071 |
| Enrollment | 3,132 | 3,242 | 3,377 | 3,548 | 3,706 | 3,858 | 3,940 |
| Space Available (deficit) | (61) | (171) | (306) | (477) | (635) | (787) | (869) |
| Utilization | 102.0% | 105.6% | 110.0% | 115.5% | 120.7% | 125.6% | 128.3% |
| Add New Elementary School | | | | | 740 | 740 | 740 |
| Space Available (deficit) after additions | (61) | (171) | (306) | (477) | 105 | (47) | (129) |
| Utilization after additions | 102.0% | 105.6% | 110.0% | 115.5% | 97.2% | 101.2% | 103.4% |
| Comment: Elementary school overutilization would exceed 120% by September 2015 without the new school. | | | | | | | |

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

| Clarksburg HS Addition | FY10 | FY11 | FY12 | FY13 | FY14 | FY15 | FY16 |
|---|----------------|----------------|----------------|----------------|----------------|----------------|-------------|
| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 | 2015-16 | |
| Approved Cluster Capacity | 1,566 | 1,566 | 1,566 | 1,566 | 1,566 | 1,566 | 1,566 |
| Enrollment | 1,710 | 1,764 | 1,807 | 1,816 | 1,921 | 1,958 | 1,979 |
| Space Available (deficit) | (144) | (198) | (241) | (250) | (355) | (392) | (413) |
| Utilization | 109.2% | 112.6% | 115.4% | 116.0% | 122.7% | 125.0% | 126.4% |
| Space Added | | | | | | 405 | 405 |
| Space Available (deficit) after additions | (144) | (198) | (241) | (250) | (355) | 13 | (8) |
| Utilization after additions | 109.2% | 112.6% | 115.4% | 116.0% | 122.7% | 99.3% | 100.4% |
| Comment: High school overutilization would exceed 120% by September 2015 without the addition. Damascus and Watkins Mill High Schools may have some capacity to help. | | | | | | | |