



AGENDA ITEM #17
April 3, 2018

Worksession

MEMORANDUM

March 30, 2018

TO: County Council

FROM:  Keith Levchenko, Senior Legislative Analyst
 Craig Howard, Senior Legislative Analyst

SUBJECT: **FY19-24 Capital Improvements Program:** Montgomery County Public Schools (MCPS) CIP

PURPOSE: For the Council to make preliminary recommendations regarding the MCPS CIP (subject to future Council reconciliation of the FY19-24 CIP)

Council Staff Packet Summary

Education Committee Recommendations:

- Include 3 new “Solution” projects in the MCPS CIP: Bethesda ES Solution, Somerset ES Solution, and Judith A. Resnik ES Solution
- Assume MCPS’ Non-Recommended Reductions pending initial reconciliation in mid-April.

MCPS FY19-24 CIP Fiscal Summary (see page 4)

- 53 Projects (11 new and 42 ongoing)
- Board’s Six-Year Request = \$1.83 billion (increase of \$86.6 million or 5.0% from the Amended CIP)
- CE Six-Year Recommendation = \$1.75 billion (\$79.1 million below the Board’s request) (see page 4-5)
- MCPS’ Non-Recommended Reductions Scenario = \$1.74 billion and includes changes in completion dates for 9 capacity projects, and reductions in various countywide projects. (see pages 7-10)

Other Issues

- Enrollment and Demographic Trends (see page 3)
- County Executive’s March 15 Amendments to the Recommended CIP (see pages 6-7)
- Project Review
 - Consent Projects (page 10-11)
 - Countywide Projects (page 11-18)
 - Solution Projects/Subdivision Staging Policy (page 18-24)
 - Individual School Projects Review (page 24-30)

NOTE: A supplemental appropriation request for the Relocatable Classrooms project is scheduled for public hearing and action on April 3 (see Agenda item #16)

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

MCPS

Michael A. Durso, President, Board of Education

Rebecca Smondrowski, Member, Board of Education

Dr. Jack R. Smith, Superintendent of Schools

Dr. Andrew M. Zuckerman, Chief Operating Officer

James Song, Director, Department of Facilities Management

Adrienne Karamihas, Director, Division of Capital Programming, Department of Facilities Management

County Government

Erika Lopez-Finn, Office of Management and Budget

Attachments¹

- Board of Education MCPS FY19-24 CIP Transmittal Letter to the Council (©1-5)
- MCPS FY19-24 CIP List of Projects (©6)
- MCPS FY19 State Aid for School Construction Request Table (©7)
- County Executive's Recommended FY19-24 CIP for MCPS (©8-29)
- General Obligation Bond Adjustment Chart (from CE Recommended FY19-24 CIP) (©30)
- County Executive Amendments to the Recommended FY19 Capital Budget and FY19-24 Capital Improvements Program – Excerpt (©31-39)
- Letter of February 12, 2018 from Committee Chair Rice to Board of Education President Durso (©40-41)
- Letter of March 14, 2018 from Board of Education President Durso to Council President Riemer (©42-44)
- MCPS' Non-Recommended Reductions Detail Tables (©45-48)
- Utilization Analysis for MCPS' Non-Recommended Reduction Projects (©49-50)
- Utilization Analysis for the Downcounty Consortium High Schools (©51)
- Memorandum dated March 22, 2018 from the Superintendent to the Board of Education for the Gaithersburg Cluster Elementary School Site Selection (©52-57)
- Preliminary Subdivision Staging Policy School Test by School Cluster and Level for FY19 (based on the Board of Education Request) (©58-62A)
- Draft Solution Project Description Forms for Bethesda ES, Somerset ES, and Judith A. Resnick ES (©62B-62D)
- Excerpt from the Seventh Report of the Infrastructure Maintenance Task Force (IMTF) (©63-65)
- Briefing Slides on the Board of Education's Proposed FY19-24 CIP (©66-92)

¹The Board of Education's Requested and the Superintendent's Recommended FY2019 Capital Budget and FY 2019-2024 Capital Improvements Program (CIP) are both available for download at:

<http://www.montgomeryschoolsmd.org/departments/planning/cipmaster.aspx>.

ENROLLMENT AND DEMOGRAPHIC TRENDS (see ©67-75)

Enrollment

Enrollment changes are one of the biggest drivers of both the Operating Budget and CIP for MCPS. From a CIP perspective, enrollment increases drive an immediate need for relocatable classrooms and consideration for additional permanent classrooms and core space improvements.

Adrienne Karamihas, Director of the Division of Capital Programming in the Department of Facilities Management, provided the Committee with a presentation on enrollment and demographic trends and forecasts (see ©67-75). Some summary information is noted below:

- Official (September 30) enrollment for the 2017-18 schoolyear is 161,546 students. This is 2,536 students more than the 2016-17 official enrollment and slightly lower (by 363 students) than the number projected for 2017-18 at this time last year. Last year, MCPS experienced an increase of 2,563 students from the prior year.
- Based on the preliminary enrollment totals for the 2017-18 schoolyear (as presented in the Superintendent's Recommended CIP), enrollment is expected to flatten out at the elementary school level (-117 students) and increase slightly at the middle school level (+452), but climb sharply at the high school level (+5,061) through the six-year period.
- Birthrates are down slightly the past few years (2015 and 2016), but are still at historically high levels (13,100 in 2016) and are a major reason why a larger drop in elementary school enrollment is not projected.
- Overall enrollment is expected to climb to 168,480 (9,470 more students) through the 2023-24 schoolyear.

This continuing trend of significant year-to-year growth in enrollment has resulted in major long-term projected school space needs throughout the County. The Board of Education's Proposed CIP includes a number of new and ongoing capacity projects (as well as "Rev/Ex" and "Major Capital Projects" involving additional classroom capacity) (see CIP project list on ©6).

Race/Ethnic and Economic Diversity

Ms. Karamihas also noted the ongoing demographic changes in the student population, including racial/ethnic trends (including ESOL), as well as the continued high rate of student eligibility for free and reduced meals (FARMS) (34.9 percent in 2016, the same as in 2015 and slightly lower than in 2014 (35.1 percent)).

CIP PRIORITIES

MCPS' capital improvement priorities are noted in Chapter 3 of the Superintendent's Recommended FY2019 Capital Budget and the FY 2019-2024 Capital Improvements Program. The priorities include:

1. Compliance projects (such as ADA, asbestos abatement, fire safety upgrades, stormwater discharge): these projects are required to comply with laws and regulations.
2. Capital Maintenance Projects (such as PLAR, Roofs, HVAC): these projects are intended to keep facilities in good and safe condition and to preserve assets and avoid more costly repairs later.

3. Capacity projects (such as new schools and additions): MCPS considers additions and new schools when projected seat deficits reach particular thresholds, as noted in Chapter 3.
4. Revitalization/Expansion Projects: these projects are intended to preserve aging facilities and bring schools up to current educational program and building standards.
5. System Infrastructure (such as transportation depots, maintenance facilities, warehouse, food services).
6. Technology Modernization (such as computers and mobile devices).

These priorities are important to keep in mind during the Committee's review of the MCPS CIP and especially when the Committee reviews affordability of the MCPS CIP, likely in late April.

FY19-24 MCPS CIP FISCAL SUMMARY

Expenditures

The following table presents six-year and annual totals for the latest (i.e., Amended) FY17-22 CIP, the FY19-24 Board request, and the County Executive's January 15 CIP recommendations.

**Table 1:
FY19-24 versus Amended FY17-22 Expenditures (in 000's)**

	Six-Year	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
FY17-22 Amended	1,743,729	311,367	292,202	312,109	305,515	278,794	243,742		
FY17-22 Board Request	1,830,372			363,500	349,607	347,928	299,452	255,955	213,930
change from amended	86,643	5.0%		51,391	44,092	69,134	55,710		
FY19-24 CE Recommended	1,751,229			310,635	299,608	284,918	272,890	296,619	286,559
change from amended	7,500	0.4%		(1,474)	(5,907)	6,124	29,148		
change from Board Request	(79,143)	-4.3%		(52,865)	(49,999)	(63,010)	(26,562)	40,664	72,629

The MCPS FY19-24 Proposed CIP includes 53 projects (11 new and 42 ongoing), as shown on ©6. The Board's FY19-24 request totals \$1.83 billion. This level of funding is \$86.6 million (or 5.0 percent) higher than the FY17-22 amended CIP of \$1.74 billion.

The County Executive's January 15 Recommended FY19-24 CIP represents a slight increase (+\$7.5 million or 0.4 percent) from the FY17-22 Amended CIP. However, it is \$79.1 million less (-4.3 percent) than the Board's request. **Consistent with past County Executive CIP recommendations, the Executive only provides macro level expenditure and funding assumptions. The Executive does not provide a breakdown by project of which approved or Board proposed project expenditures he recommends reducing, deferring, or removing.**

County Executive (January 15) Assumptions

The Executive's Recommended CIP assumptions are important considerations, since the Executive's CIP is "balanced" based upon the Council's approved CIP spending affordability guidelines. This means that, apart from changing the spending affordability assumptions to make the overall CIP budget pie larger for General Obligation (G.O.) Bond funded expenditures, the Council will need to assume more outside funding (i.e., state aid) or allocated G.O. bond funded expenditures from elsewhere in the Recommended CIP to avoid reducing the Board's request.

The County Executive's major assumptions include:

- **Assume \$59.2 million per year in state aid for school construction funding** (the same amount as approved in FY18. However, getting this same amount in FY19 or beyond is far from certain (see later discussion).
- **Revise impact tax and recordation tax assumptions.** *These changes from the Amended CIP are modest compared to past years. The Recommended CIP has six-year funding for the recordation tax down about \$6 million and school impact taxes down about \$2.2 million.*
- **Increase Current Revenue by about \$12.2 million from the Amended CIP over the six-year period.** *NOTE: The Recommended CIP also presumes a \$3.0 million reduction in current revenue in FY18 as part of the FY18 Savings Plan. On January 30, the Council approved a smaller reduction of \$330,000 in FY18 in the MCPS Technology Modernization project.*
- **For purposes of spending affordability, assume annual bond funding levels in the Total CIP at \$1.86 billion over the six years, with annual levels dropping from \$330 million in FY19 to \$320 million in FY20, \$310 million in FY21, and \$300 million in the final three years (consistent with the Council's actions to date) (see ©30).**

State Aid

The Executive's Recommended Budget assumes \$59.2 million in each of the next six years (the same as awarded in FY18). In FY18, \$37.4 million came from the regular state aid for school construction pot. Another \$21.8 million of the total came in formula-based funding from the "Capital Grant Program for Local School Systems with Significant Enrollment Growth" (or EGRC) fund (established during the 2015 legislative session). However, \$10 million of this FY18 grant amount was in one-time dollars added to the grant by the State Legislature.

While MCPS is eligible for far more aid in FY19 (\$118.2 million as detailed on ©7), up until the EGRC fund was created, the County typically received \$30 to \$40 million per year, as shown in Table #3 below.

Table #2:
State Aid for School Construction
FY09-FY18 (in millions)

Fiscal Year	LEA Requests	Statewide Allocation	MCPS Request	% of Statewide Approved	% of Statewide Allocation	EGRC Funding	Total Award
FY02			\$55.7	\$45.0			\$45.0
FY03	\$309.9	\$156.5	\$22.1	\$18.0	11.5%		\$18.0
FY04	\$310.0	\$60.0	\$18.5	\$10.6	17.7%		\$10.6
FY05	\$384.0	\$125.9	\$59.7	\$9.0	7.1%		\$9.0
FY06	\$592.7	\$250.0	\$126.3	\$30.4	12.2%		\$30.4
FY07	\$730.4	\$320.5	\$125.2	\$40.1	12.5%		\$40.1
FY08	\$893.8	\$400.0	\$134.0	\$52.3	13.1%		\$52.3
FY09	\$871.4	\$340.0	\$132.8	\$46.3	13.6%		\$46.3
FY10	\$766.0	\$266.7	\$113.9	\$28.4	10.6%		\$28.4
FY11	\$729.1	\$263.7	\$139.1	\$30.2	11.5%		\$30.2
FY12*	\$612.3	\$311.6	\$163.5	\$42.0	13.5%		\$42.0
FY13	\$576.3	\$347.9	\$184.5	\$43.1	12.4%		\$43.1
FY14	\$684.0	\$320.8	\$149.2	\$35.1	10.9%		\$35.1
FY15	\$643.1	\$318.8	\$162.9	\$40.0	12.5%		\$40.0
FY16	\$569.9	\$318.2	\$148.0	\$39.8	12.5%	5.8	\$45.6
FY17	\$599.1	\$325.0	\$150.0	\$38.4	11.8%	11.7	\$50.1
FY18	\$693.9	\$323.5	\$119.1	\$37.4	11.6%	21.8	\$59.2
FY19**	\$702.6	\$314.0	\$118.2				

*For FY12, \$47.5 million in alcohol beverage sales and use tax proceeds (HB1213) is included in the statewide allocation totals. MCPS received an additional \$9.0 million from these proceeds.

**Statewide allocation for FY19 reflects the Governor's Recommended Budget

Each year is very competitive, with statewide requests generally totaling two to three times the budgeted funds. For FY19 to date, Montgomery County has been allocated \$27.8 million as part of the Interagency Committee on School Construction (IAC) "90 percent" allocation. Another \$31.4 million remains to be allocated statewide, not counting any prior year reverted contingency funds that will be available from FY18 and prior years (typically about \$35 to \$40 million each year).

Regarding the EGRC dollars, the statutory statewide base for the grant fund is \$40 million and MCPS expects to receive about \$11.8 million of that based on current formulas. Additional one-time funding is under consideration by the State Legislature (\$28.2 million added on by Conference Committee) which could net MCPS another \$14 million. **We will not know the outcome of MCPS' regular state aid for school construction request until late April (after Sine Die and Board of Public Works final action). However, it appears the total State aid for MCPS will be close to the Executive's \$59.2 million assumption and could possibly meet or exceed it.**

CE's MARCH 15 AMENDMENTS TO THE RECOMMENDED CIP

On March 15, the County Executive transmitted amendments to his original FY19-24 Recommended CIP (see ©31-39). Several changes were made regarding the MCPS CIP. These include:

- Relocatable Classrooms (assumes approval of the Board's Supplemental Appropriation Request discussed earlier).
- MCPS Funding Reconciliation (increase Current Revenue: General and decrease Recordation Tax funding in FY18 through FY24. Increase G.O. Bonds and decrease Recordation Tax funding in FY18). NOTE: *These funding switches will be considered in the context of the Council's initial CIP reconciliation in mid-April.*

- MCPS Affordability Reconciliation (supports total six-year MCPS expenditures at the originally recommended \$1.751 billion, but reduces FY18 G.O. Bond funding by \$3.0 million² and increases G.O. Bond totals in FY23 and FY24. Also reduces Current Revenue: General in FY19 by \$1.469 million). *NOTE: These affordability adjustments will be considered in the context of the Council's initial CIP reconciliation in mid-April.*
- Technology Modernization: MCPS: Reduce FY19 Current Revenue: General funding by \$2.153 million. *NOTE: This project will be considered during the Council's review of the MCPS Operating Budget.*

NON-RECOMMENDED REDUCTIONS

Given the difficulty in funding the MCPS CIP at the level proposed by the Board, as well as uncertainty regarding the County Executive's assumed state aid totals, Council Staff recommended and the Education Committee supported asking MCPS to **review its FY19-24 Proposed CIP and develop a revised expenditure scenario (as the Board has done in past years) that reduces the MCPS FY19-24 CIP by fiscal year down to a level that would offset both the Executive's recommended reductions to the Board's CIP Request and a possible \$5.0 million annual shortfall³ in state aid for school construction from what the Executive has recommended (see attached letter on ©40-41 from Committee Chair Rice to Board of Education President Durso).**

On March 14, the Board transmitted its non-recommended reductions scenario to the Council (see ©42-44). **The Education Committee discussed this package on March 19.**

In addition to technical adjustments to various projects, there are a number of substantive changes to the Board's request as summarized in Table 3 below.

² The Executive has asked MCPS to identify specific projects where a total of \$3.0 million in FY18 G.O. bond funded expenditures can be reduced. Education Committee follow-up discussion may be needed to hear from MCPS on its solutions to meet this FY18 reduction and to make recommendations if any CIP amendments are needed.

³ The \$5.0 million amount splits the difference between the Executive's recommendation and the one-time \$10.0 million in EGRC funding MCPS was awarded in FY18.

Table: 3
MCPS' Non-Recommended Reductions - Major Changes by Project

Changes by Project		
	Six Year	Comment
Individual School Projects		
Clarksburg Cluster ES #9 (New)	0	Completion moved from Sept. 2021 to Sept. 2022
Cresthaven ES Addition (for JoAnn Leleck ES@Broad Acres)	0	Completion moved from Sept. 2021 to Sept. 2022
Crown HS (New)	-10,460	Completion Delayed from FY24 to FY25 (beyond six-years)
DuFief ES Addition/Facility Upgrade	0	Completion moved from Sept. 2021 to Sept. 2022
Blair Ewing Center Relocation	-4,900	Completion Delayed One Year+Expenditures Reduced
Gaithersburg ES Addition	0	Scope changed to new school with Sept. 2022 completion
Col. E. Brooke Lee MS Addition/Facility Upgrade	0	Completion moved from Sept. 2021 to Sept. 2022
Ronald McNair ES Addition	0	Completion moved from Sept. 2021 to Sept. 2022
Roscoe Nix ES Addition (for JoAnn Leleck ES @ Broad Acres)	0	Completion moved from Sept. 2021 to Sept. 2022
Parkland MS Addition	0	Completion moved from Sept. 2021 to Sept. 2022
Countywide Projects		
HVAC Replacement/IAQ Projects	-30,000	Cost Reductions in FYs20-24 from BOE Request
Land Acquisition	-12,000	Costs from this new project removed (all in FY19)
Major Capital Projects	-10,500	Some costs in FY21 and FY22 moved out of the six-year period
Planned Life-Cycle Asset Replacement (PLAR)	-4,000	Cost Reductions in FYs20-24 from BOE Request
Restroom Renovations	-7,500	Cost Reductions in FYs20-24 from BOE Request
Roof Replacement/Moisture Protection Projects	-7,500	Cost Reductions in FYs20-24 from BOE Request
Total Six-Year Change	-86,860	

The major changes include pushing back project schedules for a number of new and ongoing school capacity projects⁴, as well as lowering proposed expenditures in FYs20-24 for several countywide projects (HVAC, PLAR, Restrooms, Roofs). The reductions also include removing outyear placeholder dollars in the Major Capital Projects project, removal of funding for the newly requested Land Acquisition project (for the relocation of the MCPS Materials Management Warehouse), and a delay in the move of the alternative education programs from the Blair Ewing Center.

Overall, as shown in Table 4 below, the Board's non-recommended scenario adheres closely to the gap associated with the Executive's recommendation (providing slightly higher six-year savings). However, when factoring in potential reduced state aid (\$5.0 million per year) which was also noted in the letter to the Board President, the totals are \$22.3 million below the Committee's fiscal goal.

⁴ On March 22, the Board voted to convert the Gaithersburg ES Addition project to a new school (see ©52-56). The changes in this project's expenditure schedule are included on the list of non-recommended reductions with an assumed completion date of September 2022.

Table 4:
Comparison of Non-Recommended Reduction Changes to the CE Gap

	Total 6 Years	FY19	FY20	FY21	FY22	FY23	FY24
CE Recommended Gap	(79,143)	(52,865)	(49,999)	(63,010)	(26,562)	40,664	72,629
Non-Rec Reduction Scenario	(86,860)	(54,525)	(48,593)	(61,867)	(25,412)	43,753	59,784
Difference from CE Gap	(7,717)	(1,660)	1,406	1,143	1,150	3,089	(12,845)

Attached on ©45-48 are three tables with additional information regarding this package of non-recommended reductions:

- The table on ©45 shows the revised project costs by fiscal year under the non-recommended scenario.
- The table on ©46-47 shows specific expenditure changes by project by fiscal year.
- The table on ©48 shows the project detail for the Revitalization/Expansion project.

The utilization trends for each of the capacity projects deferred in the non-recommended reductions from the Board's Proposed CIP have each been reviewed for utilization (see ©49-50). None affect the SSP test, since they would all still be completed in time to be counted (with the exception of the new Crown Farm High School, which does not have any seats counted in the SSP test yet anyway). In fact these projects could be pushed back one or two more years without affecting the SSP test.

Regarding the systemic projects affected by the non-recommended reductions, the following table shows the Amended CIP, the original Board request, and the totals assuming the non-recommended reduction scenario.

Table 5:
Systemic Project Cost Changes

FY19-24 MCPS CIP	Total 6 Years	FY19	FY20	FY21	FY22	FY23	FY24
HVAC Replacement: MCPS							
FY17-22 Amended	153,000	18,000	28,500	28,000	32,500		
FY19-24 BOE Request	125,000	30,000	30,000	17,500	17,500	15,000	15,000
Non-Rec Reduction Scenario	95,000	30,000	25,000	10,000	10,000	10,000	10,000
Planned Life Cycle Asset Replacement							
FY17-22 Amended	44,042	4,741	5,991	5,991	5,991		
FY19-24 BOE Request	58,000	12,000	12,000	8,500	8,500	8,500	8,500
Non-Rec Reduction Scenario	54,000	12,000	10,000	8,000	8,000	8,000	8,000
Restroom Renovations							
FY17-22 Amended	4,540	-	-	-	-		
FY19-24 BOE Request	30,000	5,000	5,000	5,000	5,000	5,000	5,000
Non-Rec Reduction Scenario	22,500	5,000	3,500	3,500	3,500	3,500	3,500
Roof Replacement							
FY17-22 Amended	55,000	6,500	10,500	7,500	9,000		
FY19-24 BOE Request	71,000	15,500	15,500	10,000	10,000	10,000	10,000
Non-Rec Reduction Scenario	63,500	15,500	12,000	9,000	9,000	9,000	9,000

The six-year totals in the non-recommended reductions scenario still represent an overall increase in funding compared to the FY17-22 Amended CIP for Roof Replacement (+\$8.5 million), PLAR (+\$10 million), and Restroom Renovations (+\$18 million). The HVAC project, while down

significantly in the six-year period, would still see an increase in expenditures in FY19 from the approved level and a modest decrease from the approved level (-\$3.5 million) in FY20. **However, given MCPS' facility inventory (and the needed levels of effort in these projects), the outyear totals appear too low and should be considered for upward adjustment during CIP reconciliation.**

PROJECT REVIEW

Consent Projects

Council Staff has identified the following projects in the Board's Proposed CIP as "consent" projects. These projects have no requested change in scope, cost, or timing. They are recommended for approval (subject to Council reconciliation in early May) and are summarized below.

Individual School Projects Under Construction

Seven school additions and one new school project are under construction, with no cost increases assumed. These are presented in Table 4 below and account for \$50.5 million within the Board of Education's Requested FY19-24 CIP. **Council Staff recommends approval of these projects. The Education Committee concurs.**

Table 6: Individual School Projects Under Construction

Project Name (completion date)	6 Year	FY19	FY20	FY21	FY22	FY23	FY24	Comment	Seats Added
Ashburton ES Addition	6,338	5,314	1,024					4 classroom addition under construction	104
Lucy V. Bamsley ES Addition	1,683	1,683						11 classroom addition under construction	274
Bethesda-Chevy Chase HS Addition	4,659	4,659						33 classroom addition under construction	391
Clarksburg Cluster ES (Clarksburg Village Site #2)	29,676	18,202	11,474					New School under construction	741
Diamond ES Addition	677	677						7 classroom addition under construction	168
Kensington-Parkwood ES Addition	932	932						14 classroom addition under construction	298
S. Christa McAuliffe ES Addition	5,026	4,235	791					10 classroom addition under construction	191
North Bethesda MS Addition	1,540	1,540						17 classroom addition under construction	367
Totals	50,531	37,242	13,289	-	-	-	-		2,534

Individual School Projects With Construction Costs Proposed for Removal by the Board

Two approved elementary school addition projects (Burtonsville ES Addition and Judith Resnik ES Addition) are proposed by the Board to have construction costs removed in the FY19-24 CIP. Based on the latest enrollment projections, Burtonsville ES' space deficit will be below the Board's policy threshold assumed for addition projects in the CIP.⁵ Judith Resnik ES still shows a seat deficit above the policy threshold. However, enrollment is showing a decline. The Board will consider the need for addition projects at both schools in future CIP requests. **Council Staff concurs with the Board's proposal to zero out construction costs for both projects. The Education Committee concurs.** ***NOTE: For SSP purposes, the Committee recommends inclusion of a "solution" project for Judith Resnik ES to avoid a moratorium in that service area (see discussion later in this memorandum).***

⁵ MCPS' practice is that a deficit of at least 92 seats (for elementary school), 150 seats (for middle school), or 200 seats (for high school) is needed by the end of the six-year planning period for consideration of a classroom addition.

Countywide Projects with No Changes

The Board's request includes eight Countywide "Systemic" projects (with FY19-24 expenditures totaling \$80 million) that reflect no change in scope, cost, or timing from the latest Approved FY17-22 CIP. These projects are presented in Table 5 below. **Council Staff recommends approval of these projects (subject to final reconciliation in early May). The Education Committee concurs.**

Table 7: Countywide Projects with No Scope or Cost Change

Project Name	6 Year	FY19	FY20	FY21	FY22	FY23	FY24	Comment
ADA Compliance: MCPS	7,200	1,200	1,200	1,200	1,200	1,200	1,200	FYs 19-24 level of effort is the same as in the Approved CIP.
Asbestos Abatement	6,870	1,145	1,145	1,145	1,145	1,145	1,145	Same as Approved
Design and Construction Management	29,400	4,900	4,900	4,900	4,900	4,900	4,900	Same as Approved
Fire Safety Upgrades	4,902	817	817	817	817	817	817	FYs 19-24 level of effort is the same as in the Approved CIP.
Improved Safe Access to Schools	4,000	2,000	2,000					Same as approved (no funding beyond year two)
Stormwater Discharge & Water Quality Management	3,696	616	616	616	616	616	616	Same as Approved
Totals	56,068	10,678	10,678	8,678	8,678	8,678	8,678	

Countywide "Systemic" and Other Projects

The following project reviews are based on the Board's December 1 Proposed CIP. The Committee concurred with Council Staff.

NOTE: The Board's "non-recommended" reductions are discussed separately in this memorandum.

Blair G. Ewing Center Relocation

This project includes funds to relocate the Alternative Education Programs (AEP) at the Blair G. Ewing Center to the current Rock Terrace School site. The Amended FY17-22 CIP included \$15.5 million for this project and a one-year expenditure shift.

The Board's FY19-24 request includes the same amount of funding, but shifts construction expenditures back an additional year to align funding with the availability of the Rock Terrace facility. The current Rock Terrace School is scheduled to be relocated as part of the colocation with Tilden Middle School in September 2020.

Council Staff recommends approval as submitted by the Board of Education. NOTE: On March 14, the Board of Education transmitted a package of non-recommended reductions which included a one-year delay and reduced expenditures in this project.

Building Modifications and Program Improvements

	Total 6 Years	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
FY17-22 Amended	11,789	8,589	3,200	-	-	-	-	-	-
FY19-24 BOE Request	18,000			9,000	9,000	-	-	-	-
change from amended	6,211	n/a	n/a	9,000	9,000	-	-	n/a	n/a
percent change from amended	52.7%	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

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

The Board's request is for \$18 million over FY19-20, a \$6.2 million increase over the total funding in FY17-18. The PDF states that the FY19 appropriation is requested to:

- Continue to address modifications to schools due to special education program changes and space modifications for program requirements;
- Reconfigure high school classroom spaces to provide additional science laboratories for schools that are overutilized and do not have sufficient space for science laboratory classes; and
- Construct a black box theater at A. Mario Loiederman MS.

Of the Board's \$11.5 million appropriation request in FY19, approximately \$6.5 million is for the space modification for program changes and to add science laboratories, and around \$5 million is for the black box theater. **While Council Staff acknowledges the backlog of need for these projects, the question will be how much, if any, additional funding can be allocated to these projects in the context of affordability and other priorities in the capital budget.** This question typically cannot be definitively answered until later in the budget process and during final reconciliation. Council Staff also notes that, given the significant increase requested, the Council could approve a smaller amount than requested and still increase the level of effort.

Facility Planning: MCPS

	Total 6 Years	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
FY17-22 Amended	3,060	635	685	360	460	460	460		
FY19-24 BOE Request	3,100			860	700	460	380	350	350
change from amended	40	n/a	n/a	500	240	-	(80)	n/a	n/a
percent change from amended	1.3%	n/a	n/a	138.9%	52.2%	0.0%	-17.4%	n/a	n/a

Compared to the FY17-22 Amended CIP, the Board's FY19-24 request for Facility Planning includes a small net increase of \$40K in the six-year total but an increase of \$740K for FY19-20. The PDF states that the FY19 funding is requested to support pre-planning of four addition projects, the reopening of a high school, and the opening of a new high school and new elementary school. In addition, the FY19 appropriation request will fund two studies:

- One to develop long-term growth plans for each cluster in the school system and identify best practices in other jurisdictions to bring a national perspective on educational facility planning trends to MCPS; and
- A second to evaluate MCPS enrollment forecasting methodology and identify best practices that can inform the MCPS approach to enrollment projections.

Funding for this project typically reflects the scope of work necessary to implement the final approved CIP project schedule. As a result, Council Staff recommends preliminary approval of this project as requested by the Board, anticipating that adjustments may need to be made based on final Council project decisions.

Land Acquisition: MCPS

	Total 6 Years	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
FY17-22 Amended	-	-	-	-	-	-	-		
FY19-24 BOE Request	12,000			12,000	-	-	-	-	-
change from amended	12,000	n/a	n/a	12,000	-	-	-	n/a	n/a
percent change from amended	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

This project is used to purchase sites for schools approved in the capital program or appearing in adopted area master plans. This project last received an appropriation in FY13, and was not included in the FY17-22 CIP.

The PDF states that the \$12 million requested for this project is to acquire a site and begin the planning process for the relocation of the MCPS Materials Management Warehouse that stores and delivers necessary educational materials and supplies to all schools and offices and is well beyond the end of its life expectancy.

Council Staff recommends approval as submitted by the Board of Education, pending final affordability considerations. NOTE: On March 14, the Board of Education transmitted a package of non-recommended reductions which included the removal of this project's expenditures.

Outdoor Play Space Maintenance Project

	Total 6 Years	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
FY17-22 Amended	750	-	750	-	-	-	-	-	-
FY19-24 BOE Request	3,500			1,750	1,750	-	-	-	-
change from amended	2,750	n/a	n/a	1,750	1,750	-	-	n/a	n/a
percent change from amended	366.7%	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Last year, the Board of Education requested and the Council approved a new project as part of the FY17-22 Amended CIP for outdoor play spaces at MCPS elementary schools. This project helps fill an existing gap in field/play area maintenance at MCPS schools. The outdoor play spaces at the school sites this project plans to address are typically too small to be permitted for community use and therefore are not a part of the Parks Department's ballfield maintenance contract for school sites, nor are they eligible for the MCPS ballfield renovation funding via Community Use of Public Facilities.

This project was approved as a pilot with \$750,000 in funding for FY18, with the expectation that MCPS would request additional funding in future years based on the first year's experience. The Board's FY19-24 request is for an additional \$3.5 million -- \$1.75 million in both FY19 and FY20.

MCPS staff provided a written update on the status of the project, including the process for rolling out the project and working with school communities, costs for each school site, the specific designs under consideration for five schools so far, and the proposed use for the funds requested in FY19 and FY20 (see ©21-23).

Council Staff supports the Board's request for this project, but notes that this is an area that could be reduced, if necessary, to meet affordability concerns. Council Staff highlights that the Council could reduce the Board's request and still increase the level of effort due to affordability considerations.

Rehab/Renovation of Closed Schools (RROCS)

The Board's request for RROCS includes \$3.6 million that was previously appropriated in FY18 to complete the new Richard Montgomery Elementary School #5. There is no FY19 appropriation requested for this project and no funding requested in the outyears.

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

Restroom Renovations

	Total 6 Years	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
FY17-22 Amended	4,540	2,290	2,250	-	-	-	-	-	-
FY19-24 BOE Request	30,000	-	-	5,000	5,000	5,000	5,000	5,000	5,000
change from amended	25,460	n/a	n/a	5,000	5,000	5,000	5,000	n/a	n/a
percent change from amended	560.8%	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

This project provides needed modifications to specific areas of restroom facilities. A study was initially conducted in 2004 to evaluate all restrooms in schools that were built or renovated before 1985. Restroom renovation projects were subsequently identified and prioritized. In FY10, a second round of assessments was completed for 110 schools and, by the end of FY18, the renovations will be completed for all those schools. The funding request in the FY19-24 CIP is for a new assessment that will be completed this spring. As requested by the Board, this project would include level of effort funding of \$5 million per year beginning in FY19.

Council Staff recommends approval as submitted by the Board of Education, pending final affordability considerations. NOTE: On March 14, the Board of Education transmitted a package of non-recommended reductions to its Proposed CIP which included a six-year total of \$7.5 million in reductions (\$1.5 million in FYs20-24) in this project.

School Security Systems

	Total 6 Years	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
FY17-22 Amended	-	-	-	-	-	-	-	-	-
FY19-24 BOE Request	4,900	-	-	2,550	2,350	-	-	-	-
change from amended	4,900	n/a	n/a	2,550	2,350	-	-	n/a	n/a
percent change from amended	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

This project addresses aspects of security throughout MCPS and has funded several security initiatives. These have included installation and replacement of Closed Circuit Television (CCTV) cameras in secondary schools and installation of visitor management and access systems in all schools. The project most recently had funding in FY15 to complete work that was funded from an FY14 appropriation, and was not included in the FY17-22 CIP.

In 2017, MCPS launched a comprehensive review of protocols, practices, and infrastructure related to the critical imperative of maintaining safe, orderly learning environments for all students. The review began with high schools, and an interim report including an initial set of recommendations for high schools is available online.⁶

The PDF states that the FY19 appropriation request of \$2.6 million will replace/upgrade and install security technology at various schools throughout the system and fund facility modifications at certain schools to enhance entrance security.

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

⁶ http://www.montgomeryschoolsmd.org/uploadedFiles/departments/security-new/0204.18_MCPS%20InternalReview.pdf.

Major Capital Projects and Revitalization/Expansion

	Total 6 Years	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
FY17-22 Amended									
Current Revitalization/Expansion	726,544	91,294	108,236	169,559	121,843	114,618	120,994		
Future Revitalizations/Expansions	20,298	-	-	1,400	2,414	5,436	11,048		
Total Revitalizations/Expansions	746,842	91,294	108,236	170,959	124,257	120,054	132,042		
FY19-24 BOE Request									
Current Revitalization/Expansion	339,451			154,421	87,469	69,561	28,000	-	-
Future Revitalizations/Expansions	-			-	-	-	-	-	-
Major Capital Projects	119,969			-	4,197	12,663	19,499	20,063	63,547
Total Rev/Ex + Major Capital Projects	459,420			154,421	91,666	82,224	47,499	20,063	63,547
change from amended (total to total)	(287,422)	n/a	n/a	(16,538)	(32,591)	(37,830)	(84,543)	n/a	n/a
percent change from amended (total to total)	-38.5%	n/a	n/a	-9.7%	-26.2%	-31.5%	-64.0%	n/a	n/a

The most significant change, both from a fiscal and policy perspective, in the countywide projects relates to MCPS' reexamination of the revitalization/expansion (rev/ex) program to develop a multi-variable approach to determine the relative priority of large-scale renovations, possibly including programmatic and capacity considerations. Based on these ongoing efforts:

- The Rev/Ex project only includes the five projects that were previously approved as part of the Amended FY17-22 CIP;
- The Future Rev/Ex project that included planning dollars for upcoming rev/ex projects is not included in the Board's request; and
- The Board requested a new project, Major Capital Projects, intended to create room in the CIP in anticipation of programming future projects that will be determined once the Board completes its work on this issue.

As shown in the table above, the Board's combined six-year request for the Rev/Ex and Major Capital Projects is \$459.4 million – a decrease of \$287.4 million or 38.5 percent from the combined total for the Current and Future Rev/Ex projects from the FY17-22 Amended CIP.

Current Revitalization/Expansions Project. Of the \$339.5 million in six-year funding requested for this project, the only new funding is for the five rev/ex projects that were previously approved: Luxmanor ES, Maryvale ES/Carl Sandburg Learning Center, Potomac ES, Tilden MS/Rock Terrace School, and Seneca Valley HS. The PDF states that the FY19 appropriation request (\$92.5 million) is for the balance of funding for these five projects. After all these projects are completed (currently scheduled for 2020), MCPS would no longer use this Current Rev/Ex project.

Major Capital Projects. As MCPS staff discussed at the February 5 worksession, MCPS has continued its revamping of the rev/ex program over the past year. The Board of Education is still working through its formal review process with respect to the two primary policies that guide the long-range education facility planning framework. The PDF notes that the Board's review will include community engagement and opportunities for formal public comment.

As a result, the Board's request includes this new project intended to create fiscal capacity in the CIP for these major capital projects and anticipates that future projects will be programmed using the expenditures included based on the revised process. At the February 5 worksession, MCPS noted that schools that had previously been in the former rev/ex queue would be evaluated in the context of the new policy approach, along with other schools that have significant capacity and facility needs. The FY19-24 request totals approximately \$120 million over six years, with initial planning dollars scheduled for FY20.

Council staff recommends approval as submitted by the Board of Education, pending final affordability considerations. Staff also recommends that the Committee follow-up with MCPS on two issues going forward:

- The total “placeholder” funding in this project represents a significant savings compared to the rev/ex projects. Does MCPS expect this level of comparative savings to be maintained, or is it likely to be reduced as specific projects under this PDF are recommended for funding?
- How does MCPS anticipate coordinating the Roof Replacement, PLAR, and HVAC projects with this new structure going forward?

NOTE: On March 14, the Board of Education transmitted a package of non-recommended reductions which included the shifting of a total of \$10.5 million out of FYs21-22 to beyond the six-year period for this project.

Roof Replacement, PLAR, and HVAC

The Board requested increases in the Roof Replacement and PLAR projects over the six-year period, and an overall six-year decrease in the HVAC project. However, for each of the projects, the request includes significant increases in FY19 and FY20 compared to the Amended FY17-22 CIP. These projects are continually high priorities for MCPS, with considerable backlogs of work to be done.

These projects were reviewed in the most recent Infrastructure Maintenance Task Force (IMTF) Report published in March 2016. The report identifies an Acceptable Annual Replacement Cost (AARC) of how much money should be budgeted annually for replacement or rehabilitation so that, if continued, ultimately the entire inventory of the element will last over its acceptable life span. Rarely is the AARC achieved, but if funds are available, it is useful as a target. The MCPS portion of the report is attached on ©17-19.

In recent years, the Board has typically requested increased funding for these projects. In most years, the Council has approved an increase in the level of effort, but not to the full extent requested by the Board. For each project, Council Staff notes the requests in comparison to the report’s AARC amount.

Roof Replacement: MCPS

	Total 6 Years	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
FY17-22 Amended	55,000	12,000	9,500	6,500	10,500	7,500	9,000		
FY19-24 BOE Request	71,000			15,500	15,500	10,000	10,000	10,000	10,000
change from amended	16,000	n/a	n/a	9,000	5,000	2,500	1,000	n/a	n/a
percent change from amended	29.1%	n/a	n/a	138.5%	47.6%	33.3%	11.1%	n/a	n/a

The Board’s request for this project reflects a six-year increase of \$16 million, with the level of effort increasing to \$15.5 million in FY19-20 and then declining to \$10.0 million in FY21-24. The FY19 request of \$15.5 million is an increase of \$9.0 million over what was approved in the FY17-22 Amended CIP.

The IMTF (see ©19) reflects an AARC of \$16.6 million for roof replacement, with a \$29.5 million backlog. The FY19 and FY20 requested funding is 93 percent of the AARC, and the level of effort in the outyears is 60 percent of the AARC.

The PDF states that the FY19 funds are expected to support: partial roof replacements at three elementary schools (Highland, Jackson Road, and Sally K. Ride), one middle school (Julius West), and three high schools (Clarksburg, Damascus, and Springbrook); and a full roof replacement at one middle school (Shady Grove).

Council Staff supports the increases requested by the Board if funds are available, but notes that this is an area that could be reduced, if necessary, to meet affordability concerns. The Council will need to determine how much additional funding is available, given the number of competing priorities for the capital budget within schools and across all agencies. Council Staff notes that the Council could reduce the Board's request and still increase the level of effort.

NOTE: On March 14, the Board of Education transmitted a package of non-recommended reductions to its Proposed CIP which included a six-year total of \$7.5 million in reductions across FYs20-24 in this project.

Planned Lifecycle Asset Replacement (PLAR): MCPS

	Total 6 Years	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
FY17-22 Amended	44,042	11,578	9,750	4,741	5,991	5,991	5,991		
FY19-24 BOE Request	58,000			12,000	12,000	8,500	8,500	8,500	8,500
change from amended	13,958	n/a	n/a	7,259	6,009	2,509	2,509	n/a	n/a
percent change from amended	31.7%	n/a	n/a	153.1%	100.3%	41.9%	41.9%	n/a	n/a

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

The Board's request for this project reflects a six-year increase of \$13.9 million, with the level of effort increasing to \$12.0 million in FY19-20 and then declining to \$8.5 million in FY21-24. The FY19 request of \$12.0 million is an increase of \$7.3 million over what was approved in the FY17-22 Amended CIP.

The IMTF report indicates an AARC for this project of \$165.9 million per year. This is the combined total of a wide range of projects that fall under PLAR; the report breaks out various subcategories of work in this project on ©17-18. While this is an out-of-reach funding target, it does indicate high level of need in this area.

Council Staff supports the increase requested by the Board if funds are available, but notes that this is an area that could be reduced, if necessary, to meet affordability concerns. Council Staff notes that the Council could reduce the Board's request and still increase the level of effort.

NOTE: On March 14, the Board of Education transmitted a package of non-recommended reductions to its Proposed CIP which included a six-year total of \$4.0 million in reductions across FYs20-24 in this project.

HVAC (Mechanical Systems) Replacement: MCPS

	Total 6 Years	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
FY17-22 Amended									
HVAC Replacement: MCPS	153,000	28,000	18,000	18,000	28,500	28,000	32,500		
Energy Conservation: MPCPS	12,342	2,057	2,057	2,057	2,057	2,057	2,057		
Indoor Air Quality Improvements:	8,982	1,497	1,497	1,497	1,497	1,497	1,497		
Total HVAC/Energy Cons/IAQ	174,324	31,554	21,554	21,554	32,054	31,554	36,054		
FY19-24 BOE Request									
HVAC Replacement: MCPS	125,000			30,000	30,000	17,500	17,500	15,000	15,000
change from amended	(49,324)	n/a	n/a	8,446	(2,054)	(14,054)	(18,554)	n/a	n/a
percent change from amended	-28.3%	n/a	n/a	39.2%	-6.4%	-44.5%	-51.5%	n/a	n/a

This project provides for the systematic replacement of heating, ventilating, air conditioning, automated temperature controls, and plumbing systems for MCPS. This is a critical systems project for MCPS with an extensive backlog of projects to be completed, and is continually a high priority for the school system. Additionally, MCPS has merged the Indoor Air Quality (IAQ) and Energy Conservation projects into the HVAC project to better reflect the coordination of the work performed.

The six-year request for this project reflects a reduction of \$28.0 million from the Amended FY17-22 CIP, with the six-year reduction increasing to \$49.3 million when including the former IAQ and Energy Conservation projects. The reductions primarily occur in the outyears. The funding request in FY19 reflects an \$8.4 million increase and the FY20 request a \$2 million decrease when including the funds previously programmed in the IAQ and Energy Conservation projects, as detailed below.

The 2016 IMTF report (see ©18) identifies an AARC for HVAC of \$31.4 million. The Board's request for FY19 and FY20 is \$30.0 million, 96 percent of the AARC. The requested level of effort of \$17.5 million for FY21-22 is 56 percent of the AARC, while the \$15.0 million requested for FY23-24 is 48 percent of the AARC. The IMTF report cites a backlog of \$167.8 million in HVAC work.

The PDF states that the FY17 funding will support system upgrades and/or replacements at nine elementary schools (Ashburton, Bethesda, Burtonsville, Flower Hill, Forest Knolls, Highland View, Monocacy, Oakland Terrace, and Sequoyah), two middle schools (Briggs Chaney and White Oak), and two high schools (Quince Orchard and Walt Whitman).

Council Staff supports the Board's request for this project, but notes that this is an area that could be reduced, if necessary, to meet affordability concerns. Council Staff highlights that the Council could reduce the Board's request and still increase the level of effort due to affordability considerations.

NOTE: On March 14, the Board of Education transmitted a package of non-recommended reductions to its Proposed CIP which included a six-year total of \$30 million in reductions across FYs20-24 in this project.

"SOLUTION" PROJECTS

Background

The Subdivision Staging Policy (SSP) Public School Adequacy Test compares enrollment five years in advance—at each cluster and level (HS, MS, or ES) and at each school—against the programmed capacity at each cluster/level and school five school years hence. If the future enrollment exceeds the future capacity in a cluster by more than 20 percent at any level, then the cluster goes into a

housing moratorium. If the future enrollment exceeds the future capacity in a MS service area by more than 20 percent *and* 180 students, then that MS service area goes into a housing moratorium. If the future enrollment exceeds the future capacity in an ES service area by more than 20 percent *and* 110 students, then that ES service area goes into a housing moratorium.

At the start of this decade, the Council began the practice of programming generic “Solution” (i.e., placeholder) CIP projects in certain circumstances. The rationale is that while a cluster or school service area might have enrollment that exceeds the moratorium threshold, in many cases MCPS is concurrently conducting facility planning for a new school or addition that would provide sufficient capacity to avoid such a moratorium. In practice, the Council has approved Solution projects only when all the following conditions are met:

1. A cluster or school service area is projected to exceed the moratorium threshold;
2. MCPS is concurrently—or about to start—conducting facility planning for a new school or addition that would address the potential moratorium; and
3. The production schedule for the facility planning, design, and construction would have the project completed by the start of the school year five years hence.

The most recent application of the School Test was approved by the Planning Board on June 22, 2017. The Board placed seven ES service areas into moratorium: Burnt Mills, Highland View, Kemp Mill, Lake Seneca, Rosemont, Strawberry Knoll, and Summit Hall. Several clusters and other school service areas were not placed into moratorium because Solution projects were justifiable and programmed.

Approved Cluster/School Solution Projects

The Approved FY17-22 CIP as amended includes eight “school/cluster solution” projects. No new solution projects are assumed by the Board in its Proposed FY19-24 CIP. The following table presents the preliminary FY19 SSP test for each of the eight current approved cluster solution projects and how the Board’s Proposed CIP deals with these projects:

**Table 8: Board of Education Proposals Regarding
the FY17-22 Amended CIP Solution Projects**

Cluster	FY24 w/o Placeholder	Placeholder Seats Added	Result	Comment
Clarksburg ES and Cedar Grove ES Solution				Approved: 14 classrooms funded to provide space to address both schools. FY18 feasibility planning approved for a feasibility study for a new Clarksburg ES.
Combined ES Enrollment	1,211	322	1,211	
Combined School Capacity	730		1,052	
seats available (deficit)	(481)		(159)	
utilization rate	165.9%		115.1%	
FY19 SSP Test: Fails w/o project.				BOE Proposed: Remove solution project. Add Clarksburg Cluster ES #9. A boundary study is recommended for Clarksburg Cluster ES (Clarksburg Village Site #2) to include Cedar Grove ES and Wilson Wims ES.
Neelsville MS Solution				Approved: 4 classrooms funded in solution project.
Middle School Enrollment	1,054	100	1,054	
Middle School Capacity	914		1,014	
seats available (deficit)	(140)		(40)	
utilization rate	115.3%		103.9%	
FY19 SSP Test: Passes test without placeholder.				BOE Proposed: Remove solution project. School no longer projected to be in moratorium but space needs and various building systems will need to be addressed. MCPS is developing a process for prioritizing large-scale renovation projects.
Montgomery Blair Cluster HS Solution				Approved: 6 classrooms funded in cluster solution project. A comprehensive capacity study for the Downcounty Consortium high schools was done in Spring 2017.
High School Enrollment	3,616	135	3,616	
High School Capacity	2,920		3,055	
seats available (deficit)	(696)		(561)	
utilization rate	123.8%		118.4%	
FY19 SSP Test: Fails w/o project.				BOE Proposed: Remove solution project. Add New Northwood HS Addition/Facility Upgrade, Kennedy HS addition and Woodward HS Reopening Project. No completion dates assumed for Northwood HS or Woodward HS.
Albert Einstein Cluster HS Solution				Approved: 14 classrooms funded in cluster solution project. A comprehensive capacity study for the Downcounty Consortium high schools was done in Spring 2017.
High School Enrollment	2,260	315	2,260	
High School Capacity	1,612		1,927	
seats available (deficit)	(648)		(333)	
utilization rate	140.2%		117.3%	
FY19 SSP Test: Fails w/o project.				BOE Proposed: Same as approved. Add New Northwood HS Addition/Facility Upgrade, Kennedy HS addition and Woodward HS Reopening Project
Northwood Cluster HS Solution				Approved: 16 classrooms funded in cluster solution project. A comprehensive capacity study for the Downcounty Consortium high schools was done in Spring 2017.
High School Enrollment	2,142	400	2,142	
High School Capacity	1,517		1,917	
seats available (deficit)	(625)		(225)	
utilization rate	141.2%		111.7%	
FY19 SSP Test: Fails w/o project.				BOE Proposed: Remove solution project. Add Northwood HS Addition/Facility Upgrade. No completion date assumed.
Parkland MS Solution				Approved: 4 classrooms funded in solution project.
Middle School Enrollment	1,127	100	1,127	
Middle School Capacity	948		1,048	
seats available (deficit)	(179)		(79)	
utilization rate	118.9%		107.5%	
FY19 SSP Test: Passes test without placeholder.				BOE Proposed: Remove solution project. Add Parkland MS Addition project.
Walter Johnson Cluster HS Solution				Approved: 10 classrooms funded in cluster solution project. BOE to study the reopening of Woodward HS and look at other alternative programmatic options.
High School Enrollment	3,118	225	3,118	
High School Capacity	2,330		2,555	
seats available (deficit)	(788)		(563)	
utilization rate	133.8%		122.0%	
FY19 SSP Test: Fails with current solution project,				BOE Proposed: Remove solution project. Add Woodward HS Reopening project. No completion date assumed
Clopper Mill ES and Ronald McNair ES Solution				Approved: 8 classrooms funded to provide space to address both schools.
Combined ES Enrollment	1,354	184	1,354	
Combined School Capacity	1,106		1,290	
seats available (deficit)	(248)		(64)	
utilization rate	122.4%		105.0%	
FY19 SSP Test: McNair ES Fails w/o project.				BOE Proposed: Remove solution project. Add new addition project at Ronald McNair ES. Continue to monitor enrollment at Clopper Mill ES.

In the Board's Proposed CIP, several of the solution projects are being replaced with specific projects that, if approved by the Council, would provide the additional seats needed by September 2023 to avoid a moratorium. These new projects include: Clarksburg ES #9 (to address Clarksburg ES and Cedar Grove ES Solution), Parkland MS Addition, and Ronald McNair ES Addition.

One solution project, the Neelsville MS Solution project, is no longer needed to avoid moratorium (based on current enrollment projections), so the Board has proposed removing this solution project from the CIP. However, the school is still under consideration for building system upgrades and an addition in the context of MCPS' broader prioritization of large-scale renovation projects.

The Albert Einstein Cluster HS Solution project is proposed to remain in the CIP. While a number of new high school capacity projects in the area are proposed (including at Kennedy HS and Northwood HS, plus the reopening of Woodward High School), the Board has not determined what, if any, space from these schools will be allocated to address Einstein's capacity needs. Without relief provided to Einstein HS, that cluster will go into moratorium.

The Walter Johnson Cluster HS, Blair Cluster HS, and Northwood Cluster HS Solution projects are not in the Proposed CIP. MCPS has several new high school projects proposed that should obviate the need for these solution projects. However, MCPS has not included completion dates for the Woodward HS Reopening and the Northwood HS Addition/Facility Upgrade. The Kennedy HS Addition project has a completion date (September 2022), but this addition is not expected to provide seats for any other schools. *Without relief provided to the Walter Johnson, Blair, and Northwood clusters, these clusters will go into moratorium.*

At the February 26 Committee worksession, MCPS affirmed that the Woodward High School reopening would provide at least 400 additional high school seats in the Walter Johnson Cluster. These additional seats will keep the Walter Johnson Cluster out of moratorium. However, MCPS did not identify whether seats from the Woodward reopening could be allocated to other schools (such as Blair High School). As noted in the next section, without additional seats identified for them by September 2023 (either through a specific capacity project or a solution project), the Blair and Northwood clusters will go into moratorium. Council Staff will continue to work with MCPS staff on this issue.

Subdivision Staging Policy (SSP) FY19 Test Summary (based on the Board's Proposed CIP)

MCPS and Planning staffs have projected the results of the FY19 School Test (see ©11) using MCPS's latest enrollment forecast and, assuming the Council will approve all the BOE's proposed capacity-adding projects, that would be completed by the start of the 2023-24 school year.

The threshold for a moratorium will not be exceeded in a cluster at the ES or MS level.

As noted above, the threshold for a moratorium will be exceeded at the HS level in four clusters, all of which currently have "Solution" projects programmed: Walter Johnson, Northwood, Einstein, and Blair (see ©11). However, the BOE has also requested programming funds for reopening Woodward as a HS (+2,700 seats) and a major addition at Northwood HS (+1,183 seats); if funded, these should obviate the need for these Solution projects.

Funding for a new Crown HS in the Gaithersburg area is also being requested. ED Committee Chair Rice wrote to the Superintendent to confirm whether the Woodward, Northwood, and Crown HS

projects likely would be open by the 2023-24 school year and, if so, what would be the minimum relief to neighboring high schools (©8-9). However, other than some relief for Walter Johnson High School noted earlier, MCPS has not identified a minimum number of seats that would be allocated to these other schools.

The new Crown High School is intended to address overutilization at a number of high schools in the mid-county area. The chart below shows projected seat deficits for five surrounding clusters.

Table 9: Capacity Issues in Mid-County Area High Schools

Crown Farm High School Projected Space (Deficit)	FY19 2018-19	FY20 2019-20	FY21 2020-21	FY22 2021-22	FY23 2022-23	FY24 2018-24	2027	2032	FY24 Utilization
- Gaithersburg HS	(46)	(88)	(112)	(189)	(256)	(343)	(557)	(847)	114.3%
- Richard Montgomery HS	(290)	(348)	(360)	(309)	(382)	(432)	(494)	(604)	119.3%
- Northwest HS*	(337)	(386)	(165)	(122)	(121)	(96)	(160)	(200)	104.3%
- Quince Orchard HS	(254)	(302)	(214)	(212)	(275)	(303)	(293)	(313)	116.5%
- Wootton HS	(10)	(24)	(28)	(120)	(180)	(124)	(291)	(451)	105.7%
Total Excess Capacity (Deficit)	(937)	(1,148)	(879)	(952)	(1,214)	(1,298)	(1,795)	(2,415)	
Comment: Gaithersburg, Quince Orchard, and especially Richard Montgomery are in need of relief and the deficit gets worse over time. High priority project									
*The Draft SSP Test assumes Seneca Valley Rev Ex provides relief (289 seats) to Northwest HS.									

While none of the high schools is projected to go into moratorium without the new Crown HS, Richard Montgomery HS is at 119.3 percent and Gaithersburg HS and Quince Orchard HS are in the 115 percent range. MCPS has also noted that under an agreement with the City of Gaithersburg regarding the designation of the land at Crown Farm as a high school site, MCPS has until 2026 to move forward with a project.

Downcounty Consortium High School Issues

The chart below shows consortium-wide utilization rates across the six-year period with no new capacity added, and then what the impact is from the projects proposed by the Board.

Table 10: Downcounty Consortium High School Capacity

	FY19	FY20	FY21	FY22	FY23	FY24	2027	2032
Approved Consortium Capacity	10,144	10,144	10,144	10,144	10,189	10,189	10,189	10,189
Enrollment	10,672	11,185	11,391	11,700	12,058	12,327	13,710	15,380
Space Available (deficit)	(528)	(1,041)	(1,247)	(1,556)	(1,869)	(2,138)	(3,521)	(5,191)
Utilization	105.2%	110.3%	112.3%	115.3%	118.3%	121.0%	134.6%	150.9%
Albert Einstein Cluster HS Solution (14 classrooms)					350	350	350	350
Kennedy HS Addition (18 classrooms)					405	405	405	405
Northwood HS Addition/Facility Upgrades (timing?)						1,183	1,183	1,183
Woodward HS Reopening (2700 seat capacity, 400 seats to WJ, impact on DCC TBD)							-	-
Space Available (Deficit) after new projects	(528)	(1,041)	(1,247)	(1,556)	(1,114)	(200)	(1,583)	(3,253)
Utilization after addition	105.2%	110.3%	112.3%	115.3%	110.2%	101.6%	113.1%	126.8%
Comment: Consortium-wide utilization is assumed to exceed 120% by FY24. With the Einstein solution project, the Kennedy HS addition, and the Northwood HS addition/facility upgrade, the consortium utilization drops to 101.6%. If seats from the Woodward HS reopening can be counted, then the utilization could drop well below 100%. MCPS has not detailed when capacity from Northwood and Woodward would come on-line and which schools would be relieved (other than at least 400 seats at Woodward will be used by the Walter Johnson Cluster).								

Consortium-wide utilization is assumed to exceed 120% by FY24. With the Einstein solution project, the Kennedy HS addition, and the Northwood HS addition/facility upgrade, the consortium utilization drops to 101.6%. If seats from the Woodward HS reopening can be counted, then the utilization could drop well below 100%. MCPS has not detailed when capacity from Northwood and

Woodward would come on-line and which schools would be relieved (other than at least 400 seats at Woodward will be used by the Walter Johnson Cluster).

For utilization detail for the individual high schools in the consortium please see ©51. In summary:

- The Blair High School area goes into moratorium (123.8% utilization in FY24) if the approved solution project is deleted (as proposed by the Board) and if no capacity from other addition projects is set aside for Blair High School. **Council Staff will continue to work with MCPS to identify possible seats being allocated from the Northwood and/or Woodward projects.**
- The Northwood High School area goes into moratorium (141.2% utilization in FY24) if the approved solution project is deleted (as proposed by the Board) unless the new addition/facility upgrade project for Northwood High School is identified as providing seats by September 2023.
- The ongoing Einstein High School cluster solution project is needed to keep this area from going into moratorium (140.2% utilization in FY24 without the solution project).
- Kennedy High School will be at 119.5% utilization in FY24 without the proposed addition project. With the addition project, the utilization will drop to 97.7%.
- Wheaton High School is at 93.8% utilization in FY24.

Middle and Elementary School Issues

No middle school service area is projected to exceed the moratorium threshold. However, 11 ES service areas are forecast to exceed it: Ashburton, Bethesda, Somerset, Judith A. Resnik, Stonegate, Burnt Mills, Highland View, Rosemont, Lake Seneca, Strawberry Knoll, and Summit Hall (©62A). Each is addressed, as follows:

- *Ashburton ES* (Walter Johnson Cluster). MCPS is not conducting planning for additional ES space at Ashburton or at neighboring schools that would relieve it, so a Solution project is not appropriate. (The addition of modular classrooms it will receive by September 2019 will not count towards program capacity for the School Test, since, like relocatables, they do not constitute permanent capacity.) *Therefore, the Ashburton ES service area—which includes all of Rock Spring Park, the area around Montgomery Mall, and the west side of the Grosvenor Metro Station Policy Area—will go into a housing moratorium on July 1.*
- *Bethesda ES and Somerset ES* (B-CC Cluster). In its proposed facility planning program, MCPS is intending to initiate an ES capacity study for the B-CC Cluster. The study would examine a range of options, including reopening a closed ES, building an addition to an existing ES, boundary changes, or a combination of the above. The study would begin this summer and would likely be completed by the fall of 2019. The BOE should then be in position to propose a specific project in its FY21-26 CIP request; if that project's funding were to begin in FY21, then it would probably be open at the start of the 2023-24 school year. ***Therefore, a Bethesda ES Solution project and a Somerset ES Solution project can be justified for the FY19-24 CIP (see ©32-33).*** If these are approved, a moratorium on housing approvals going into effect in downtown Bethesda this coming July would be avoided.
- *Judith A. Resnik ES* (Magruder Cluster). The current CIP has a fully-funded addition at this school (which would bring its capacity up to 740), but the BOE has deleted it in its request for the FY19-24 CIP. Enrollment is trending downward, although in five years it is still projected to exceed the moratorium standard if there is no addition. The BOE is continuing planning for an

addition, however. *Therefore, a **Resnik ES Solution** project would be appropriate to keep the service area out of a housing moratorium (see ©34).* The Resnik service area is north of Muncaster Mill Road in the general vicinity of the Montgomery County Airpark.

- *Stonegate ES* (Blake Cluster). According to the new enrollment forecast, this school will exceed the moratorium threshold on July 1. MCPS is not conducting planning for additional ES space that would relieve the school, so a Solution project is not appropriate. *Therefore, the Stonegate ES service area would go into moratorium on July 1.* At this time there is no reported residential development activity in this area.
- *Burnt Mills ES* (Blake Cluster), *Highland View ES* (Northwood Cluster), *Lake Seneca ES* (Seneca Valley Cluster), *Rosemont ES* (Gaithersburg Cluster), *Strawberry Knoll ES* (Gaithersburg Cluster), and *Summit Hall ES* (Gaithersburg Cluster). All these ES service areas are in housing moratorium now. MCPS is not conducting planning for additional ES space that would relieve any of these schools, so Solution projects are not appropriate. *Therefore, these service areas would remain in moratorium in FY19.* At this time there is little or no reported residential development activity in the portions of these areas that fall under the County Planning Board's aegis. (Parts of some of these areas are in Rockville or Gaithersburg, where the County's SSP does not apply).

The Education Committee recommends inclusion of three new "Solution" projects (see draft PDFs on ©62B-62D) in the MCPS CIP: Bethesda ES Solution, Somerset ES Solution, and Judith A. Resnik ES Solution.

SSP and CIP Reconciliation

In addition, given that the Council may have to consider reductions in the Board of Education's CIP request, any approved or newly requested capacity projects whose completion is pushed beyond September 2023 could cause additional cluster levels or individual school assignment areas to go into moratorium. However, none of the capacity project deferrals in MCPS' non-recommended reductions scenario would result in changes in the SSP Schools test. These implications can be discussed further when the Council considers its initial CIP reconciliation in mid-April.

Review of School Utilization Rates

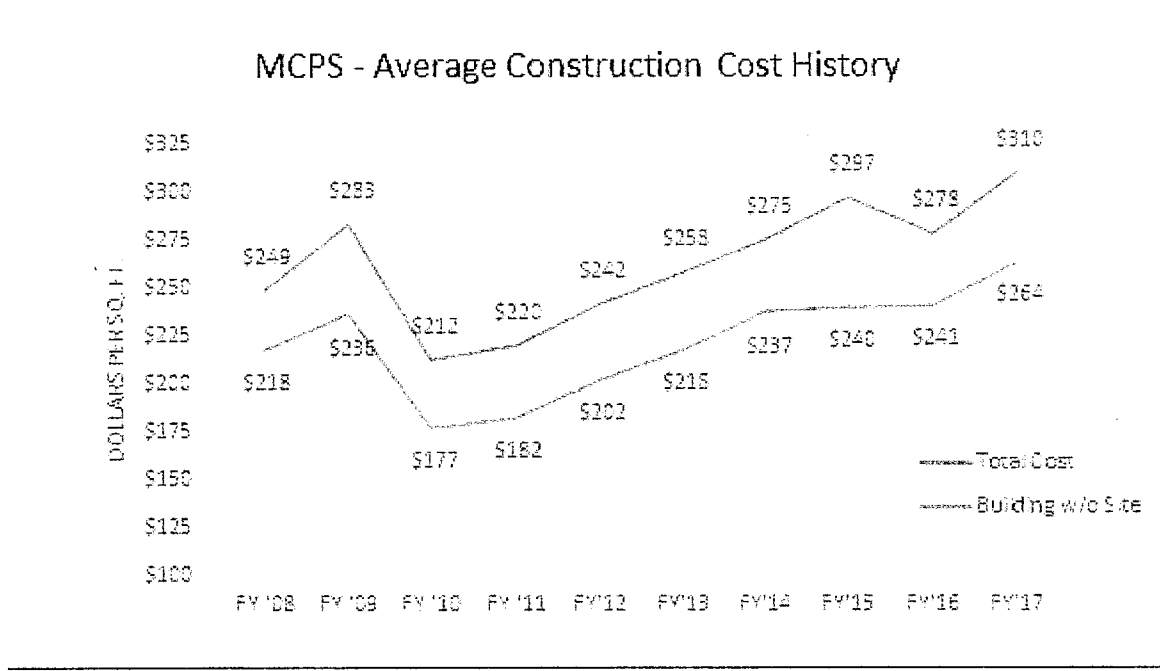
For the capacity projects included in MCPS' non-recommended reductions, Council Staff has reviewed the utilization trends by school and by the relevant cluster. The pushing back of the completion dates by one year still results in all but the new Crown High School being completed in time to count the additional seats in the SSP test. Summary tables are attached on ©45-47. To the degree additional resources become available for the MCPS CIP, then Council Staff will prioritize these projects based on utilization trends and further input from MCPS.

INDIVIDUAL SCHOOL PROJECTS REVIEW

School Construction Cost Trends

Council Staff asked MCPS for an update on its school construction cost experience over the past several years, based on its actual costs and bid experience. MCPS provided the following update:

Construction cost escalation has averaged approximately 4 percent annually over the last 20 years within the D.C. metropolitan region. This escalation is similar to construction cost increases MCPS has experienced and is reflected in the chart below.



As can be seen from the chart, since FY10 (with FY16 an exception), MCPS has been experiencing a steady annual increase in per square foot costs for construction in the 5 to 10 percent range. This means that addressing existing projects not yet under construction will squeeze resources otherwise available for new projects.

Cost Changes in Capacity Projects

The following table presents capacity project costs as they appear in the Approved FY17-22 CIP (as amended) and in the Board of Education's Requested FY19-24 CIP.

Table 11: Approved and Proposed Costs in Individual School Projects

		Total Project Cost (in 000s)			
Project		FY17-22	FY19-24 BOE	Change	% Change
Individual Schools					
Ongoing Projects	Ashburton ES Addition	13,944	13,944	-	0.0%
	Lucy v. Barnsley ES Addition	13,224	13,924	700	5.3%
	B-CC High School Addition	39,647	41,397	1,750	4.4%
	B-CC Middle School #2	54,114	-	(54,114)	-100.0%
	Blair Cluster HS Solution	2,850	-	(2,850)	-100.0%
	Burtonsville ES Addition	12,818	1,172	(11,646)	-90.9%
	Clarksburg ES and Cedar Grove ES Solution	5,917	-	(5,917)	-100.0%
	Clarksburg Cluster ES (New) (Clarksburg Village Site #2)	36,008	36,008	-	0.0%
	Clopper Mill ES and Ronald McNair ES Solution	6,086	-	(6,086)	-100.0%
	Diamond ES Addition	9,147	9,147	-	0.0%
	East Silver Spring ES Addition	3,514	3,514	-	0.0%
	Albert Einstein Cluster HS Solution	6,334	6,334	-	0.0%
	Blair Ewing Center Improvements	16,579	16,579	-	0.0%
	Gaithersburg ES Addition	26,000	26,000	-	0.0%
	Greencastle ES Addition	11,218	-	(11,218)	-100.0%
	Walter Johnson Cluster HS Solution	4,111	-	(4,111)	-100.0%
	Kensington-Parkwood ES Addition	12,679	12,679	-	0.0%
	E. Brooke Lee MS Addition	20,045	57,864	37,819	188.7%
	S. Christa McAuliffe ES Addition	11,386	11,386	-	0.0%
	Montgomery Knolls ES Addition	6,605	6,605	-	0.0%
	Neelsville MS Solution	1,800	-	(1,800)	-100.0%
	North Bethesda MS Addition	21,593	21,593	-	0.0%
	Northwood Cluster HS Solution	6,888	-	(6,888)	-100.0%
	Parkland MS Solution	1,800	-	(1,800)	-100.0%
	Pine Crest ES Addition	8,623	8,623	-	0.0%
	Piney Branch ES Addition	5,702	4,211	(1,491)	-26.1%
	Thomas W. Pyle MS Addition	18,899	25,114	6,215	32.9%
	Judith Resnik ES Addition	10,989	871	(10,118)	-92.1%
	Takoma Park MS Addition	25,186	25,186	-	0.0%
	Hallie Wells MS	52,764	-	(52,764)	-100.0%
	Julius West MS Addition	15,303	-	(15,303)	-100.0%
	Whitman HS Addition	22,073	27,577	5,504	24.9%
	Wood Acres ES Addition	8,606	-	(8,606)	-100.0%
	Woodlin ES Addition	15,297	15,297	-	0.0%
				-	
New Projects	Clarksburg Cluster ES #9	n/a	38,486	n/a	n/a
	Cresthaven ES Addition	n/a	9,466	n/a	n/a
	Crown HS	n/a	136,302	n/a	n/a
	Dufief ES Addition/Facility Upgrade	n/a	38,028	n/a	n/a
	Kennedy HS Addition	n/a	20,578		
	Ronald McNair ES Addition	n/a	11,403	n/a	n/a
	Roscoe Nix ES Addition	n/a	6,372	n/a	n/a
	Northwood HS Addition/Facility Upgrade		123,356		
	Parkland MS Addition	n/a	14,638	n/a	n/a
	Silver Spring International MS Addition	n/a	35,140	n/a	n/a
Woodward HS Reopening		120,235			

A number of projects have been completed since last year and therefore are zeroed out in FY19-24. Also, as would be expected, a number of projects already under construction show no cost increase. As noted at the February 5 Committee meeting, two projects (Burtonsville ES Addition and Judith Resnik ES Addition) have had construction costs zeroed out in the Proposed CIP based on the latest enrollment projections.

Conversely, a number of new projects are requested which have no funding in the Approved CIP. The largest of these are the new Crown HS, Northwood HS Addition/Facility Upgrade, and Woodward HS Reopening, which are discussed later.

Other projects not yet under construction show significant increases, either because of inflationary increases or because of specific scope changes over the past two years.

Council Staff asked MCPS to comment on several projects with the largest increases. These projects have experienced scope changes in addition to inflationary increases, as noted in MCPS' response below:

- *E Brooke Lee MS Addition (188% increase in project cost) The scope of the approved E. Brooke Lee Middle School addition project was to provide additional capacity for the projected student enrollment only. The Board of Education's requested FY 2019-2024 CIP increases the scope of this project to address the overutilization at this school, as well as to address the building systems to accommodate a 1,200 student capacity.*
- *Pyle MS Addition (33% increase in project cost) The Thomas Pyle Middle School addition project estimate has increased due to factors such as construction cost escalations and the refinement of the design. With green space at a premium within this region of the county, the design team focused on minimizing the footprint of this 50,000 square foot addition. Therefore, a second story will be added to the cafeteria space to accommodate the student enrollment, which has added complexity and cost. Also, additional program spaces are included in the project to accommodate the projected student enrollment.*
- *Whitman HS Addition (25% increase in project cost) The Walt Whitman High School addition project estimate has increased due to factors such as construction cost escalations and an increase in program spaces, to meet high school requirements and accommodate the projected student enrollment.*

The largest cost increase is for the E. Brooke Lee MS Addition project, based on a requested scope change by the Board to include infrastructure and system upgrades that were previously assumed to occur in a future revitalization/expansion (rev/ex) project. Two new projects (Duffief ES Addition/Facility Upgrade and Northwood HS Addition/Facility Upgrade) also reflect combination projects addressing both capacity and at least partial rev/ex scopes. These projects represent a new approach by MCPS regarding how best to address capacity and rev/ex needs at particular schools.

The B-CC High School Addition project is under construction. The FY19 increase (\$1.75 million) is for the construction of an artificial turf field at the school. As high schools go through a rev/ex or major addition project, MCPS also considers switching that school's stadium field to artificial turf. Two years ago, the Board proposed a stand-alone project for the construction of artificial turf fields at the remaining high schools without these fields. The project was ultimately not approved by the Council. Therefore, the process of considering high schools on a case-by-case basis has continued. As

with other fields, MCPS will comply with the Council resolution on artificial turf infill materials. **Council Staff recommends approval of this additional funding pending final reconciliation by the Council. The Education Committee concurs.**

Countywide Utilization Summary

The following chart summarizes enrollment and capacity by school level (across all clusters) under two scenarios: The Board of Education Request and when counting only existing capacity and capacity already under construction.

**Table 12: Countywide Utilization Rates by School Level
SSP Schools Test (September 2023)**

	BOE	UC*
Elementary School	96.9%	111.2%
Middle School	92.2%	107.3%
High School**	107.6%	109.6%

*"Under Construction" only includes existing capacity and capacity for projects currently under construction.

**High School BOE does not include additional capacity from the new Crown HS, the Northwood HS Addition, and the Woodward HS Reopening

This chart shows that, countywide, MCPS does not currently have excess existing capacity (even once projects already under construction are completed). The Board's Proposed CIP would make a significant impact on these utilization rates, but these rates would still be at least in the mid 90 percent range. NOTE: If capacity from the Crown HS (number of seats to be determined), Northwood HS Addition (+1,183 seats), and Woodward Reopening (+2,700 seats) projects is counted, the BOE HS utilization rate would drop into the 95 percent range.

These countywide numbers mean that, in most cases, adjacent available capacity from other clusters is likely not available or sufficient to avoid the need for specific capacity projects.

Summary of Capacity Projects

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

Table 6, below, presents the new/reopened/addition school capacity projects that are not yet under construction (whether already approved or newly requested).

Table 13: Individual School Projects Not Yet Under Construction

Project Name	Original BOE Request - Projects Already in the CIP							Comment
	6 Year	FY19	FY20	FY21	FY22	FY23	FY24	
Burtonsville ES Addition	351	234	117					12 classroom addition (264 seats) to open in August 2020. Requested CIP Removed construction
Clarksburg Cluster ES #9 (new)	38,486	1,192	5,156	21,864	10,274			New School (740 seats) to open in September 2021
Cresthaven ES Addition	9,466	339	2,829	4,554	1,744			7 classroom addition to help relieve JoAnn Leleck ES
Crown High School	136,302	2,522	3,892	10,939	42,245	61,244	15,460	New School, Opening Date TBD to relieve TBD
Duffel ES Addition	38,028	1,182	4,234	22,625	9,987			14 classroom addition to relieve Rachel Carson ES
East Silver Spring ES Addition (for Rolling Terrace)	3,514	160	96	1,448	1,578	232		4 classroom addition to relieve Rolling Terrace ES.
Albert Einstein Cluster HS Solution	6,334		169	2,996	2,074	1,095		14 classroom addition placeholder (350 seats) assumed by September 2023
Blair Ewing Center Improvements	15,520	302	151	3,073	6,123	5,871		
Gaithersburg ES Addition	22,128	6,954	9,254	5,920				14 classroom addition to open in September 2020.
John F. Kennedy HS Addition	20,578	1,610	3,217	4,000	6,978	4,773		18 classroom addition to open in September 2022
Col E. Brooke Lee MS Addition	57,864	1,568	16,525	23,827	15,944			21 classroom addition to open in September 2021
Ronald McNair ES Addition	11,403	512	4,848	2,252	3,791			6 classroom addition to open in September 2021
Montgomery Knolls ES Addition (for Forest Knolls ES)	6,114	3,227	2,443	444				4 classroom addition to open in September 2020.
Roscoe Nix ES Addition	6,372	236	1,781	3,606	749			11 classroom addition to open in September 2021.
Northwood HS Addition/Facility Upgrade	123,356	3,949	8,790	8,600	12,214	48,254	41,549	49 classroom addition to open in TBD
Parkland MS Addition	14,638	496	4,032	8,323	1,787			12 classroom addition to open in September 2021
Pine Crest ES Addition (for Forest Knolls ES)	8,060	3,492	3,942	626				9 classroom addition to open in September 2020
Piney Branch ES Addition	4,211	274	219	2,227	1,491			5 classroom addition to open in September 2021
Thomas W. Pyle MS Addition	24,401	1,628	6,566	13,457	2,750			14 classroom addition to open in September 2020
Judith Resnik ES Addition	87	87						12 classroom addition to open in September 2020. Requested CIP Removed construction
Silver Spring International MS Addition	35,140	930	8,210	12,346	8,654	5,000		15 classroom addition to open in September 2022
Takoma Park MS Addition	24,209	2,182	14,820	7,207				16 classroom addition to open in September 2020
Wait Whitman HS Addition	26,747	2,168	8,067	11,980	4,532			27 classroom addition to open in September 2021
Woodlin ES Addition	15,297	583	350	5,728	7,437	1,199		8 classroom addition to open in September 2022
Charles W. Woodward HS Reopening	120,235	3,063	17,600	7,040	36,400	35,450	20,682	Reopening to occur in TBD and relieve TBD.
Total New Schools and Additions (not yet under construction)	768,841	38,890	127,308	185,082	176,752	163,118	77,691	

As shown in the table, approximately \$768 million (about 42 percent of the MCPS CIP) is requested for these projects over the six-year period. These projects in total provide for about 9,200 additional seats. *NOTE: As discussed earlier, MCPS' non-recommended reductions scenario would affect a number of these projects above. However, all would still be completed in the six-year period.*

Revitalization/Expansions that add capacity also need to be factored into school and cluster utilization. The table below presents the modernization schedule and the expenditure and capacity impacts.

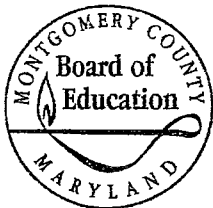
Table 14: Revitalization/Expansions: 6 Year Costs and Capacity Impacts

Project Name	6 Year Cost							Completion Date	Seats Added
	(in \$000s)	FY19	FY20	FY21	FY22	FY23	FY24		
Wheaton HS/Edison Tech	39,638	39,638						Sep-18	n/a
Seneca Valley HS	132,276	44,925	23,901	35,450	28,000			Sep-20	1,079
Potomac ES	20,913	11,558	9,355					Sep-20	47
Maryvale ES/Sandburg Learning Ctr.	48,734	23,736	17,941	7,057				Sep-20	68
Luxmanor ES	19,942	13,700	6,242					Sep-20	352
Tilden MS @ Tilden Center*	77,948	20,864	30,030	27,054				Sep-20	240
Totals	339,451	154,421	87,469	69,561	28,000	-	-		1,786

Overall, rev/ex projects in the six-year period provide 1,782 seats, mostly from the Seneca Valley High School project, which is intended to relieve the Northwest and Clarksburg clusters. The rev/ex project list is much shorter than in past years as MCPS is revisiting its rev/ex process and has removed funding for future rev/ex projects.

Attachments

KML:f:\levchenko\mcps\fy19 24 cip review\council 4 3 2018.docx



MONTGOMERY COUNTY BOARD OF EDUCATION

850 Hungerford Drive ♦ Room 123 ♦ Rockville, Maryland 20850
December 1, 2017

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



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

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

At its November 27, 2017, meeting, the Board of Education approved the Requested FY 2019 Capital Budget and the FY 2019–2024 Capital Improvements Program (CIP) for Montgomery County Public Schools (MCPS). Enclosed is a copy of the Board of Education resolution requesting a Fiscal Year (FY) 2019 Capital Budget appropriation of \$385,685,000 and a FY 2019–2024 CIP totaling \$1.830 billion. The Board of Education is requesting \$118,201,000 from the state as its share of the FY 2019 Capital Budget. Fiscal Year 2019 is the first year of the biennial CIP review process. In accordance with the Montgomery County charter, all CIP projects are considered in odd-numbered fiscal years; therefore, this requested CIP will receive a full review by the county executive and the County Council.

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

Enrollment

For the 2017–2018 school year, official September 30, 2017, total student enrollment is 161,546 (pre-K–12), a one-year increase of 2,536 students. Since the 2007–2008 school year, enrollment has increased by 23,801 students. The following chart displays the official September 30, 2017, student enrollment for this year and the previous five years of student enrollment.

FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
148,779	151,289	153,852	156,447	159,010	161,546

MCPS has been engaged in several efforts to reposition the CIP and facility planning processes within the context of the changing enrollment, land use, and population dynamics that have become the “new normal” in Montgomery County. A primary focus of this work is to ensure that the CIP is both a robust plan for the immediate future and sufficiently flexible to respond appropriately when

December 1, 2017

conditions change. A key element of our facility planning processes is our enrollment forecasting. Our challenge increasingly has been to tailor the countywide projection model to the variances that exist among the regions and neighborhoods within Montgomery County. MCPS is eager to work with our agency partners and contracted external consultants to develop a refined approach that may increase the ability to understand the impact of various enrollment factors closer to the school level.

A result of this work may be that updated enrollment projections are issued later this year as part of the spring amendments and at regular intervals as part of ongoing planning. It is not anticipated that updating enrollment projections will significantly affect the Board of Education's requested CIP project schedule; however, an iterative process to understand our enrollment dynamics for the several years ahead offers an opportunity to closely monitor changing conditions and adjust our out-year project planning where appropriate.

Requested CIP

As indicated in the *Superintendent's Recommended FY 2019 Capital Budget and the FY 2019–2024 Capital Improvements Program*, we are confronted by the need to be both fiscally prudent within the affordability guidelines that the County Council has established and attentive to the significant facility capacity and infrastructure needs that MCPS is experiencing. Therefore, the *Board of Education's Requested FY 2019 Capital Budget and the FY 2019–2024 Capital Improvements Program* totals \$1.830 billion, an increase of \$86 million more than the approved CIP.

As the enrollment continues to increase across the system, the focus of the growth has shifted from the elementary school level to the secondary level, particularly at our high schools. While many of our capital projects during the past decade included additions and new schools for the elementary level, we now must be proactive to address the overutilization at many of our secondary schools. With that in mind, the Board of Education's Requested FY 2019–2024 CIP includes a number of capacity projects to address the overutilization at the secondary level.

First, in order to address the overutilization in the Downcounty Consortium and the Walter Johnson Cluster, the Board of Education approved an expansion of Northwood High School to a 2,700-student capacity. This expansion of approximately 1,200 seats will require not only additional classrooms, but also a comprehensive upgrade of the building including the reconfiguration of existing spaces and upgrades to building systems to accommodate the new student population.

Also, to address the capacity needs of the Downcounty Consortium and the Walter Johnson Cluster, the Board of Education approved the reopening of the former Charles W. Woodward High School. This facility is significantly smaller than the proposed 2,700 student capacity and, therefore, the Board approved the first phase of the project to begin to expand the facility, as soon as feasible, to provide some of the needed capacity and for flexibility during construction.

As both the Northwood High School addition/facility upgrade project and the reopening of the former Charles W. Woodward High School are significant capital projects, the superintendent of schools

December 1, 2017

recommended, and the Board of Education approved, to begin planning in FY 2019 and once planning is complete, recommendations will be included in the next full CIP regarding the phasing and completion dates for both high school projects. Finally, to ensure sufficient high school capacity in this area, the Board of Education approved an addition at John F. Kennedy High School. Together with the Northwood and Charles W. Woodward high school projects, we will be able to meet the student enrollment needs in this growing area.

High school overutilization extends through the mid-county region as well. Therefore, the Board of Education approved a new high school on the Crown Farm site located in the City of Gaithersburg. As space deficits at multiple mid-county high schools continue to increase, it is important that planning begin for this new facility in FY 2019. Once planning is complete, a recommendation will be included in the next full CIP regarding the phasing and completion date for the opening of this new high school.

At the middle school level, the requested CIP includes four approved and two new addition projects. Col. E. Brooke Lee Middle School is one of the four previously approved addition projects and was also programmed for a future revitalization/expansion project. This capacity project will require reconfiguration of existing spaces and building systems to accommodate the larger numbers of students; therefore, the superintendent of schools recommended and the Board of Education approved an expansion of the scope of the addition project to include these infrastructure and system upgrades while construction is on-site to make better use of fiscal resources and to facilitate the construction experience for the school community.

The Board of Education approved addition projects at Parkland and Silver Spring International middle schools. Both schools are overutilized, and Silver Spring International Middle School has additional challenges that will be addressed as part of this project. The gymnasiums and locker rooms are located in a separate building, down a steep hill, which impacts the accessibility and administration of the physical education program. Also, the construction of the Purple Line will significantly impact the school site and outdoor programmatic spaces at Silver Spring International Middle School.

While the focus of this CIP is at the secondary level, the request does include 11 approved and 4 new addition projects for elementary schools. The four new addition projects are at Cresthaven, DuFief, Ronald McNair, and Roscoe R. Nix elementary schools. The addition projects for Cresthaven and Roscoe R. Nix elementary schools will address the overutilization at JoAnn Leleck Elementary School at Broad Acres. This school's enrollment is projected to exceed 800 students, and it currently has 10 relocatable classrooms. Due to the topography of the site, it will be a challenge to place additional relocatable classrooms there, if they become necessary.

Similarly, the addition at DuFief Elementary School is to relieve overutilization at Rachel Carson Elementary School. The expansion of DuFief Elementary School to accommodate the students from Rachel Carson Elementary School not only will require additional classrooms, but also reconfiguration of existing spaces and upgrades to building systems to accommodate the new student population. Three new elementary schools, two in the Clarksburg Cluster and one in the Richard Montgomery Cluster, complete the approved capacity projects at the elementary school level.

December 1, 2017

The capacity projects included in the *Board of Education's Requested FY 2019 Capital Budget and the FY 2019–2024 Capital Improvements Program* address the most critical space shortages and at sites that present challenges when facing increased capacity. However, we know there are other communities that are confronted with enrollment and capacity challenges. We will continue to closely monitor student enrollment and work to manage capacity pressures identified at specific schools. If space deficits continue and trends change in any given area, we will consider a capital project in a future CIP if it is determined to be the best long-term solution.

With respect to countywide projects, the *Board of Education's Requested FY 2019 Capital Budget and the FY 2019–2024 Capital Improvements Program* will address systemwide needs by increasing systemic projects, such as Roof Replacement and Planned Life-cycle Asset Replacement. The Board of Education approved a substantial increase to one countywide project—Heating, Ventilation, and Air Conditioning (HVAC) Replacement—to address the backlog of upgrades and/or replacements of HVAC systems that are beyond their expected service life. It is vital that MCPS has the necessary funding to address our aging infrastructure.

MCPS staff continues to review our revitalization/expansion program to develop a multi-variable approach to determine the relative priority of large-scale renovations, possibly including programmatic and capacity considerations. The Board of Education received two presentations on the progress of this review and a proposal for a revised method to assess facilities and prioritize major capital projects. As MCPS staff have worked through the evaluation of the previous process and factors that could be used in a new process, it is clear that the need for flexibility with respect to these major capital projects is imperative, as is the need to include instructional program priorities and the impact of overutilization. It is intended that this new approach will eliminate the static and lengthy project queue that has been in place for many years.

Therefore, the superintendent of schools recommended that the Board of Education conduct a formal review process with respect to the two primary policies that guide the long-range educational facility planning framework: Policy FAA, *Long-Range Educational Facilities Planning*, and Policy FKB, *Sustaining and Modernizing Montgomery County Public Schools (MCPS) Facilities*. This review will allow for community engagement through formal public comments on the two policies. Once the Board of Education completes its process, the superintendent of schools will review MCPS Regulation FAA-RA, *Long-Range Educational Facilities Planning*, and any other regulations that are affected.

Currently, there are five projects—three elementary schools, one middle school, and one high school—that are included in the revitalization/expansion project as part of the approved CIP. The superintendent of schools recommended and the Board of Education approved the continued funding for these projects: Luxmanor Elementary School, Maryvale Elementary School/Carl Sandburg Learning Center, Potomac Elementary School, Tilden Middle School/Rock Terrace School, and Seneca Valley High School. The Board of Education also approved the superintendent of schools' recommendation to include a new project, "Major Capital Projects," which at this time is intended to

The Honorable Isiah Leggett
The Honorable Roger Berliner
Members of the Montgomery County Council 5

December 1, 2017

create fiscal room in the CIP in anticipation of programming future projects that will be determined through the revised analysis and capital planning processes once the Board of Education completes its policy work.

State Aid

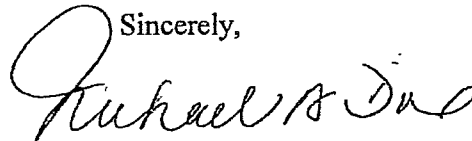
Funding for the CIP continues to be complex. Local funding sources such as County General Obligation bonds, current revenue, the county Recordation Tax, and the School Impact Tax are utilized in conjunction with state aid to fund the CIP. For FY 2019, the revised state aid request is \$118,201,000. This figure is based on current eligibility of projects approved by the County Council in May 2017. Of the \$118.2 million request, \$53.0 million is for the balance of funding for 8 projects; \$14.4 million is for 1 project that received planning approval from the state and now requires construction funding; \$7.3 million is for 15 systemic roofing and HVAC projects; and the remaining \$43.5 million is for 8 projects that require state planning approval in addition to construction. The Board of Education, the superintendent of schools, and Montgomery County officials must continue to work together to present a compelling case to our state leaders to increase state construction funding and provide Montgomery County with its fair share of the statewide allocation for our capital projects.

Non-Capital Items

The *Superintendent's Recommended FY 2019 Capital Budget and the FY 2019–2024 Capital Improvements Program* included one supplement for the Richard Montgomery Elementary School #5 boundaries, as well as recommendations for two new boundary studies. The enclosed adopted resolutions describe the actions by the Board of Education for these three items.

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

Sincerely,



Michael A. Durso
President

MAD:JRS:AMZ:ak

Enclosures

Copy to:

Members of the Board of Education
Dr. Smith
Dr. Navarro

Dr. Statham
Dr. Zuckerman
Dr. Johnson

Mr. Ikheloa

**Board of Education's Requested FY 2019 Capital Budget
and FY 2019-2024 Capital Improvements Program
(figures in thousands)**

Project	FY 2019 Approp.	Total	Thru FY 2017	Remaining FY 2018	Total Six-Years	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Individual School Projects											
Ashburton ES Addition	433	13,944	603	7,003	6,338	5,314	1,024				
Lucy V. Barnsley ES Addition	700	13,924	7,200	5,041	1,683	1,683					
Bethesda-Chevy Chase HS Addition	1,750	41,397	17,786	18,952	4,659	4,659					
Burtonsville ES Addition		1,172	469	352	351	234	117				
Clarksburg Cluster ES #9 (New)	2,981	38,486			38,486	1,192	5,156	21,864	10,274		
Clarksburg Cluster ES (New) (Clarks. Village Site #2)	1,324	36,008	1,238	5,094	29,676	18,202	11,474				
Cresthaven ES Addition (for JoAnn Leleck ES@Broad Acres)	847	9,466			9,466	339	2,829	4,554	1,744		
Crown HS (New)	6,306	136,302			136,302	2,522	3,892	10,939	42,245	61,244	15,460
Diamond ES Addition		9,147	4,892	3,578	677	677					
DuFief ES Addition/Facility Upgrade	2,910	38,028			38,028	1,182	4,234	22,625	9,987		
East Silver Spring ES Addition (for Rolling Terrace)	320	3,514			3,514	160	96	1,448	1,578	232	
Albert Einstein Cluster HS Solution		6,334			6,334		169	2,996	2,074	1,095	
Blair Ewing Center Relocation		16,579	605	454	15,520	302	151	3,073	6,123	5,871	
Gaithersburg ES Addition	20,153	26,000	2,000	1,872	22,128	6,954	9,254	5,920			
John F. Kennedy HS Addition	3,875	20,578			20,578	1,610	3,217	4,000	6,978	4,773	
Kensington Parkwood ES Addition		12,679	6,991	4,756	932	932					
Col. E. Brooke Lee MS Addition/Facility Upgrade	3,921	57,864			57,864	1,568	16,525	23,827	15,944		
S. Christa McAuliffe ES Addition	473	11,386	512	5,848	5,026	4,235	791				
Ronald McNair ES Addition	1,024	11,403			11,403	512	4,848	2,252	3,791		
Montgomery Knolls ES Addition (for Forest Knolls ES)	5,781	6,605	273	218	6,114	3,227	2,443	444			
Roscoe Nix ES Addition (for JoAnn Leleck ES @ Broad Acres)	589	6,372			6,372	236	1,781	3,606	749		
North Bethesda MS Addition		21,593	11,885	8,168	1,540	1,540					
Northwood HS Addition/Facility Upgrade	9,873	123,356			123,356	3,949	8,790	8,600	12,214	48,254	41,549
Parkland MS Addition	1,240	14,638			14,638	496	4,032	8,323	1,787		
Pine Crest ES Addition (for Forest Knolls ES)	7,672	8,623	352	211	8,060	3,492	3,942	626			
Piney Branch ES Addition	493	4,211			4,211	274	219	2,227	1,491		
Thomas W. Pyle MS Addition	22,588	25,114	400	313	24,401	1,628	6,566	13,457	2,750		
Judith Resnik ES Addition		871	436	348	87	87					
Silver Spring International MS Addition	3,010	35,140			35,140	930	8,210	12,346	8,654	5,000	
Takoma Park MS Addition	22,308	25,186	500	477	24,209	2,182	14,820	7,207			
Walt Whitman HS Addition	4,111	27,577		830	26,747	2,168	8,067	11,980	4,532		
Woodlin ES Addition	1,167	15,297			15,297	583	350	5,728	7,437	1,199	
Woodward HS Reopening	35,245	120,235			120,235	3,063	17,600	7,040	36,400	35,450	20,682
Countywide Projects											
ADA Compliance: MCPS	1,200	30,993	21,693	2,100	7,200	1,200	1,200	1,200	1,200	1,200	1,200
Asbestos Abatement	1,145	20,100	12,085	1,145	6,870	1,145	1,145	1,145	1,145	1,145	1,145
Building Modifications and Program Improvements	11,500	59,328	38,128	3,200	18,000	9,000	9,000				
Current Revitalizations/Expansions	92,475	1,122,247	674,560	108,236	339,451	154,421	87,469	69,561	28,000		
Design and Construction Management	4,900	85,375	51,075	4,900	29,400	4,900	4,900	4,900	4,900	4,900	4,900
Facility Planning: MCPS	1,110	13,277	9,492	685	3,100	860	700	460	380	350	350
Fire Safety Upgrades	817	27,117	17,215	5,000	4,902	817	817	817	817	817	817
HVAC Replacement/IAQ Projects	30,000	242,677	99,677	18,000	125,000	30,000	30,000	17,500	17,500	15,000	15,000
Improved (Safe) Access to Schools	2,000	18,343	12,343	2,000	4,000	2,000	2,000				
Land Acquisition	12,000				12,000	12,000					
Major Capital Projects		119,969			119,969		4,197	12,663	19,499	20,063	63,547
Outdoor Play Space Maintenance	1,750	4,250		750	3,500	1,750	1,750				
Planned Life-Cycle Asset Replacement (PLAR)	12,000	154,777	87,027	9,750	58,000	12,000	12,000	8,500	8,500	8,500	8,500
Rehabilitation/Renovation of Closed Schools (RROCS)		116,220	91,574	21,065	3,581	3,581					
Relocatable Classrooms	5,000	63,061	43,061	5,000	15,000	5,000	5,000	5,000			
Restroom Renovations	5,000	46,275	14,025	2,250	30,000	5,000	5,000	5,000	5,000	5,000	5,000
Roof Replacement/Moisture Protection Projects	15,500	125,651	45,151	9,500	71,000	15,500	15,500	10,000	10,000	10,000	10,000
School Security	2,550	4,900			4,900	2,550	2,350				
Stormwater Discharge and Water Quality Management	616	11,628	7,316	616	3,696	616	616	616	616	616	616
Technology Modernization	25,028	416,173	238,732	26,010	151,431	25,028	25,366	25,484	25,143	25,246	25,164
Total Requested CIP	385,685	3,621,390	1,519,296	283,722	1,830,372	363,500	349,607	347,928	299,452	255,955	213,930

Bold indicates new project to approved CIP.

6

Revised FY 2019 State Capital Improvements Program for Montgomery County Public Schools

(figures in thousands)

Priority No.	PFA Y/N	Project	Total Estimated Cost	Non PSCP Funds	Prior IAC Funding Thru FY 2018	FY 2019 Request For Funding
Balance of Funding (Forward-Funded)						
1	Y	Wayside ES Revitalization/Expansion	24,074	18,581	3,036	2,457
		Subtotal	24,074	18,581	3,036	2,457
Balance of Funding						
2	Y	Wheaton HS Revitalization/Expansion	116,007	88,469	7,662	19,876
3	Y	Richard Montgomery ES #5 (New)	35,381	27,628	0	7,753
4	Y	Bethesda/Chevy Chase HS Addition	39,647	32,965	0	6,682
5	Y	North Bethesda MS Addition	21,593	16,888	0	4,705
6	Y	Diamond ES Addition	9,147	7,206	0	1,941
7	Y	Kensington-Parkwood ES Addition	12,679	11,157	0	1,522
8	Y	Clarksburg Cluster ES New (Clarksburg Village Site #2)	36,008	27,959	0	8,049
		Subtotal	270,462	212,272	7,662	50,528
Systemic Projects						
9	Y	Walt Whitman HS HVAC	2,600	1,951		649
10	N	Briggs Chaney MS HVAC, Phase II	2,500	1,876		624
11	Y	Burtonsville ES HVAC	2,500	1,876		624
12	Y	Oakland Terrace ES HVAC	2,400	1,801		599
13	Y	Highland View ES HVAC	2,340	1,756		584
14	N	Sequoia ES HVAC	2,250	1,688		562
15	Y	Shady Grove MS Roof	2,119	1,590		529
16	Y	Flower Hill ES HVAC	2,106	1,580		526
17	Y	Julius West MS Roof	1,990	1,493		497
18	Y	Ashburton ES HVAC	1,740	1,306		434
19	Y	Springbrook HS Roof	1,634	1,226		408
20	Y	Jackson Road ES Roof	1,480	1,111		369
21	Y	Highland ES Roof	1,316	988		328
22	Y	Dr. Sally K. Ride ES Roof	1,314	986		328
23	Y	Damascus HS Roof	1,091	819		272
		Subtotal	29,380	22,047	0	7,333
Construction Funding						
24	Y	Thomas Edison HS of Technology Revitalization/Expansion	69,088	54,730		14,358
		Subtotal	69,088	54,730	0	14,358
Planning and Construction Request (Forward-funded)						
25/26	Y	Lucy V. Barnsley ES Addition (CSR)	13,224	10,902		2,322
27/28	Y	Potomac ES Revitalization/Expansion*	30,391	23,550		3,421
29/30	Y	Luxmanor ES Revitalization/Expansion*	29,190	22,591		3,300
31/32	Y	S. Christa McAuliffe ES Addition	11,386	8,915		2,471
33/34	Y	Ashburton ES Addition	13,944	12,026		1,918
35/36	Y	Seneca Valley HS Revitalization/Expansion*	152,121	117,451		17,335
37/38	Y	Maryvale ES/Carl Sandburg School Revitalization/Expansion* (CSR)	58,997	45,774		6,612
39/40	Y	Tilden MS/Rock Terrace School Revitalization/Expansion*	54,985	42,693		6,146
		Subtotal	364,238	283,902	0	43,525
Planning Approval Request						
41	Y	Gaithersburg ES Addition	LP			LP
42	Y	Takoma Park MS Addition*	LP			LP
43	Y	Thomas W. Pyle MS Addition	LP			LP
44	N	Burtonsville ES Addition	LP			LP
45	Y	Judith Resnik ES Addition	LP			LP
46	Y	Pine Crest ES Addition	LP			LP
47	Y	Montgomery Knolls ES Addition	LP			LP
48	Y	Walt Whitman HS Addition	LP			LP
		TOTAL	757,242	591,532	10,698	118,201

*Split-FY Funding Request



Montgomery County Public Schools

AGENCY DESCRIPTION

The Montgomery County Board of Education (BOE or Board) consists of seven publicly elected members; one student member elected by public school students; and the Superintendent of Schools, who is appointed by the Board of Education and is responsible for the administration of the school system. The vote of the Superintendent is not counted for capital and operating budget appropriations. Montgomery County Public Schools (MCPS) operates and maintains a Countywide system of public schools for students from pre-kindergarten through high school (including special education, interagency, and alternative programs) and also provides adult education services. At the start of the 2017-2018 school year, 161,546 students were attending 205 separate public educational facilities.

PROGRAM DESCRIPTION AND OBJECTIVES

The Board's FY19-24 Capital Improvements Program request consists of 13 new and 40 ongoing projects with expenditures in the six-year period. Included within the ongoing projects are three projects with multiple sub-projects: Current Revitalizations / Expansions, Future Revitalizations / Expansions (formerly known as modernizations), and Rehab / Renovation of Closed Schools.

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

The section following this narrative only shows the project description forms (PDFs) for which the Executive recommends changes to the BOE's request. The complete BOE request can be found on the MCPS web site at <http://www.montgomeryschoolsmd.org/departments/planning/cipmaster.aspx>.

PROGRAM CONTACTS

Contact Adrienne Karamihas of the Montgomery County Public Schools at 240.314.1035 or Erika Lopez-Finn of the Office of Management and Budget at 240.777.2771 for more information about this agency's capital budget.

CAPITAL PROGRAM REVIEW

Board of Education Request

The Board's FY19-24 capital program request for MCPS totals \$1,830.4 million, an \$86.6 million or 5.0 percent increase, over the Amended FY17-22 CIP of \$1,743.7 million.

Executive Recommendations

Despite reductions in general obligation bonds, impact taxes, and recordation taxes, the Executive recommends \$1,751.2 million over the six-year CIP, an amount which increases funding by \$7.5 million above the amended FY17-22 CIP. This figure represents the highest funding ever provided for the MCPS CIP. Since the FY07-12 CIP, funding for MCPS has grown by \$577.8 million, or 49.2%. Additionally, the Executive's recommended budget includes a reduction of \$3.019 million in Current Revenue as part of the proposed FY18 Savings Plan.

Total Funding (\$ 000s)

Six Year CIP	Average Per Year	Six- Year Total
FY05-10 Full	152,132	912,793
FY05-10 Amended	155,586	933,515
FY07-12 Full	195,580	1,173,478
FY07-12 Amended	201,953	1,211,719
FY09-14 Full	214,629	1,287,775
FY09-14 Amended	211,807	1,270,842
FY11-16 Full	230,991	1,385,946
FY11-16 Amended	226,496	1,358,976
FY13-18 Full	225,478	1,352,858
FY13-18 Amended	227,583	1,365,497
FY15-20 Full	254,661	1,527,967
FY15-20 Amended	257,278	1,543,670
FY17-22 Full	288,243	1,729,459
FY17-22 Amended	290,622	1,743,729
FY19-24 Full	291,872	1,751,229

Local funding, consisting of general obligation bonds, current revenue, recordation taxes, impact taxes, and school facility payments represents \$1.396 billion or 79.7 percent of the recommended budget. The recommended CIP also assumes \$355.2 million in State Aid, which includes traditional State Aid, State grant funds for local school systems with significant enrollment growth or relocatable classrooms, and other State support.

Highlights of Executive Recommendation

- Allocate \$1,751.2 million to increase funding \$7.5 million above the amended FY17-22 level representing the recommended CIP's largest expenditure category and the Executive's highest priority. This level of funding will support new schools, school additions and renovations, and provide significant investment in Countywide infrastructure. This allocation was made despite reductions in key County funding sources.
- Maintain funding for MCPS countywide infrastructure projects including Heating, Ventilation and Air Conditioning (HVAC), roof replacements, school security systems, indoor air quality, and life-cycle asset replacement.
- Fund County projects which support MCPS initiatives to bolster at risk children and their families, including Linkages to Learning Centers at Maryvale Elementary School and a High School Wellness Center at John F. Kennedy High School.
- Other CIP projects which benefit MCPS programs include: Pedestrian Safety Program, Transportation Improvements for Schools, FiberNet, Ballfields Initiatives (M-NCPPC), and the Kennedy Shriver Aquatic Center Building Envelope Improvement.

PROGRAM EXPENDITURES

The County Executive reaffirms his commitment to preparing children to live and learn.

Individual Schools

The Executive supports the Board's capacity-related requests, providing \$5.5 million in additional support for school construction above the amended FY17-22 CIP. The Board's capacity-related request includes constructing additions for 17 elementary schools, six

middle schools, and five high schools, as well as funding for one new elementary school, one new high school, and one high school reopening. The Board has taken strides to find efficiencies and maximize the use of scarce resources in its FY19-24 request by aligning class-size reduction school capacity ratings with staffing ratios supported by the operating budget, and by including computer lab space in classroom capacity calculations. Additional State Aid, beyond that assumed in this recommended budget, is critical to ensuring these important capacity projects move forward on schedule. The Executive joins the Board of Education and the State delegation in urging the State to provide the additional support so essential to these efforts.

Countywide Projects

For the FY19-24 CIP, MCPS is developing a new model to increase planning and funding flexibility that incorporates BOE and community input to reprioritize large-scale facility renovations on a regular basis. As part of this effort, the Board has requested a new project, Major Capital Projects which will create fiscal capacity in the CIP in anticipation of programming future projects. It will reprioritize the expansion and facility upgrades from the Current/Future Rev/Ex projects. The County Executive supports the Board of Education's requested funding for the project at \$119.97 million. As the Board of Education completes its school revitalizations/expansions program, it has requested \$339.5 million for the FY19-24 CIP to complete the last five schools in the program.

The Board's FY19-24 CIP request includes funding for Countywide projects totaling \$376.9 million, including Fire Safety, Heating Ventilation, and Air Conditioning (HVAC); Improved Access to Schools; Planned Life-Cycle Asset Replacement (PLAR); Rehabilitation/Renovation of Closed Schools; Restroom Renovations; Roof Replacements; and Technology Modernization. The Executive continues to view maintaining the current MCPS infrastructure as a priority in order to extend the life of existing facilities, particularly given recent delays in the revitalization/expansion schedule. This includes support for projects including HVAC, Building Modifications and Program Improvements, Fire Safety, Indoor Air Quality, Roof Replacements, School Security Systems, and PLAR, which are among a number of level of effort projects being recommended for continued funding in FY19-24.

The Board's FY19-24 CIP request includes \$53.9 million in increased funding for Technology Modernization. These costs must be cash funded and as such, must be considered in the context of the March operating budget given the significant constraints in the operating budget that are projected. Due to actual and anticipated reductions in FY17, FY18, and FY19 revenues, the County Executive has assumed \$3.019 million in FY18 Current Revenue: General savings which is reflected in this recommended budget.

PROGRAM FUNDING

The recommended MCPS capital program is funded using \$633.3 million of County bonds and \$762.7 million of other local resources including current revenue, recordation tax, schools impact tax, and school facilities payments. The CIP also assumes \$355.2 million of State Aid.

County General Obligation Bonds

The Board's request includes large increases in general obligation bond expenditures throughout the six-year program. The Executive recommends bond funding of \$633.3 million over six years, which reflects the resources available within the CIP and the largest allocation of general obligation bonds of any CIP category. An allocation of approximately 33.9 percent of total planned FY19 general obligation bond issues has been recommended for MCPS.

Other County Resources

Within the six-year CIP, the Executive recommends \$132.4 million in current revenue. His proposal also assumes \$389.7 million in recordation tax revenue, and \$240.5 million in school impact tax revenue during FY19-24.

State Support for Schools

The budget assumes \$355.2 million in all State Aid for school construction which includes \$223.8 million in traditional State Aid, \$70.8 million State Aid for local school systems with significant enrollment growth or relocatable classrooms, and \$60 million in other State Aid. Financial support for BOE capital budget initiatives is contingent on a successful County effort to secure enhancements in State Aid for school construction over the next six years. The County Executive welcomes any additional school construction support from the State.

The Executive's recommendation assumes \$355.2 million of State Aid over six years with \$59.2 million in FY19 which is comprised of \$37.3 million in traditional State Aid, \$11.84 million in State Aid for local school systems with significant enrollment growth or relocatable classrooms, and \$10 million in other State Aid. This assumed funding level in what was received from the State in FY18.

Montgomery County has requested \$118.2 million of State funding in FY19 for 17 construction projects and 15 systems renovation projects.

The State's Interagency Committee on School Construction (IAC) made a preliminary recommendation on December 7, 2017 to the State Board of Public Works for \$23.8 million of State Aid for Montgomery County in FY19. The table presented below shows details by project. The BPW will make final allocations in the spring of 2018 after the end of the Maryland General Assembly session.

FY19 State Aid for School Construction (\$000)

	Total Est.	FY19	IAC	
Project by Category	Cost	Request	Rec.	Balance
Construction:				
Wayside ES	24,074	2,457	1,000	1,457
Wheaton HS Rev/Ex	116,007	19,876	16,500	3,376
Richard Montgomery ES #5	35,381	7,753	6,317	1,436
Bethesda/Chevy Chase HS Addition	39,647	6,682		6,682
North Bethesda MS Addition	21,593	4,705		4,705
Diamond ES Addition	9,147	1,941		1,941
Kensington-Parkwood ES Addition	12,679	1,522		1,522
Clarksburg Cluster ES New (Clarksburg Village Site #2)	36,008	8,049		8,049
Thomas Edison HS of Technology Rev/Ex	69,088	14,358		14,358
Subtotal, Construction	363,624	67,343	23,817	43,526
Planning & Construction:				
Lucy V Bamsley ES	13,224	2,322		2,322
Potomac ES Rev/Ex	30,391	3,421		3,421
Luxmanor ES Rev/Ex	29,190	3,300		3,300
S. Christa McAuliffe ES Addition	11,386	2,471		2,471
Ashburton ES Addition	13,944	1,918		1,918
Seneca Valley HS Rev/Ex	152,121	17,335		17,335
Maryvale ES/Carl Sandburg School Rev/Ex	58,997	6,612		6,612
Tilden MS/Rock Terrace School Rev/Ex	54,985	6,146		6,146
Subtotal, Plan. & Construct.	364,238	43,525		43,525
Countywide:				
Roof Replacement	10,944	2,731		2,731

	Total Est.	FY19	IAC	
Project by Category	Cost	Request	Rec.	Balance
HVAC/Electrical Replacement	18,436	4,602		4,602
Windows				
Subtotal, Countywide	29,380	7,333		7,333
Total, All Projects	757,242	118,201	23,817	94,384

The following table compares the annual amount of State Aid requested by MCPS to the amount finally approved since 2003.

State Aid Funding (\$ millions)

Fiscal Year	State Aid Requested	State Aid Approved	Difference
FY03	22.1	18.0	(4.1)
FY04	18.5	10.5	(8.0)
FY05	59.9	9.0	(50.9)
FY06	126.2	30.4	(95.8)
FY07	125.2	40.0	(85.2)
FY08	134.0	52.3	(81.7)
FY09	132.7	46.3	(86.4)
FY10	113.8	28.4	(85.4)
FY11	139.1	30.2	(108.9)
FY12	163.7	42.0	(121.7)
FY13	184.5	43.1	(141.4)
FY14	149.3	35.1	(114.2)
FY15	162.9	40.0	(123.0)
FY16	148.0	45.7	(102.3)
FY17	155.6	50.1	(105.5)
FY18	119.1	59.2	(59.9)
FY19	118.2		(118.2)

SUBDIVISION STAGING POLICY

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

The current Subdivision Staging Policy test of school adequacy applies to requests for residential subdivisions that have been filed with the Montgomery County Planning Board since July 1, 2014, and assesses school capacity five years in the future in each of the individual schools. For each school, the total projected enrollment is compared to total school capacity in the future, including the additional capacity that will be built if the County Council approves the recommended CIP. The Subdivision Staging Policy School Test uses MCPS program capacity. Program capacity is calculated based on grade levels served and programs in schools. Program capacity does not include any relocatable classrooms that may be in use at schools.

Elementary schools where enrollment is projected to be above 120 percent of program capacity and have a seat deficit of 110 seats, middle schools where enrollment is projected to be above 120 percent and have a seat deficit of 180 seats, and high schools where enrollment is projected to be above 120 percent are placed in development moratorium, which would apply to any residential subdivision plan that had not received approval from the Planning Board as of July 1, 2017, in the case of the FY18 school test.

The tables that appear at the end of this chapter present the outcome of the Subdivision Staging Policy test based on the Board's requested FY19-24 CIP.

Operating budget impact

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

According to MCPS standards and using FY19 dollars, each new 740 student elementary school will require approximately \$2.4 million in additional operating costs for the first year. These costs include salaries and employee benefits for 16.3 workyears of non-classroom positions. Each new 1,200 student middle school will require approximately \$4.1 million in additional operating costs for the first year. These costs include salaries and employee benefits for 32.3 workyears of non-classroom positions. A new 2,000 student high school is estimated to require approximately \$8.0 million in additional operating costs for the first year. These costs include salaries and employee benefits for 66.98 workyears of non-classroom positions.

STATUTORY AUTHORITY

Titles 3, 4, and 5 of the Education Article, Annotated Code of Maryland, govern the establishment of county boards of education, local school administration, and financing. Each county board is to maintain throughout its county a reasonably uniform system of public schools that is designed to provide quality education and equal educational opportunities for all children. Subtitle 3 of Title 5, State Aid for School Construction, provides for payment of certain public school construction and capital improvement costs by the State through its Public School Construction Program. The CIP review process for the public schools is governed by laws and regulations of the State of Maryland, the Montgomery County Charter, and the Board of Education's Policy on Long-Range Educational Facilities Planning.

Subdivision Staging Policy Results of School Test for FY 2018

Reflects County Council Adopted FY 2018 Capital Budget and Amendments to the FY 2017-2022 Capital Improvements Program (CIP)
Effective July 1, 2017

School Test Description and Details	School Test Outcome	Outcomes by Level		
		Elementary Inadequate	Middle Inadequate	High Inadequate
CLUSTER TEST Inadequate if cluster is over 120% utilization, by level Test year 2022-2023	MORATORIUM Moratorium required in cluster service areas that are inadequate.			
	OPEN CONDITIONALLY Placeholder projects prevent these cluster service areas from entering moratoria. <i>See notes.</i>			Montgomery Blair (123.5%) Albert Einstein (138.4%) Walter Johnson (130.3%) Northwood (142.7%)
	OPEN CONDITIONALLY Planned projects in other clusters and/or reassignments prevent these cluster service areas from entering moratoria. <i>See notes.</i>			Clarksburg (133.3%)
INDIVIDUAL SCHOOL TEST Inadequate if school is over 120% utilization and Schools at or above seat deficit thresholds Elementary: 110 seats Middle: 180 seats Test year 2022-2023	MORATORIUM Moratorium required in school service areas that are inadequate.	Burnt Mills ES (-174, 145.5%) Highland View ES (-135, 146.9%) Kemp Mill ES (-113, 124.7%) Lake Seneca ES (-165, 141.8%) Rosemont ES (-290, 147.3%) Strawberry Knoll ES (-193, 141.0%) Summit Hall ES (-200, 143.4%)		
	OPEN CONDITIONALLY Placeholder projects prevent these school service areas from entering moratoria. <i>See notes.</i>	Cedar Grove ES (-201, 150.9%) Clarksburg ES (-269, 186.2%) Clopper Mill ES (-116, 125.2%) Ronald McNair ES (-135, 120.9%)	Parkland MS (-197, 120.8%)	
	OPEN CONDITIONALLY Planned projects in other schools and/or reassignments prevent these school service areas from entering moratoria. <i>See notes.</i>	Beall ES (-233, 136.5%) Rachel Carson ES (-283, 141.0%) College Gardens ES (-153, 122.1%) Forest Knolls ES (-206, 138.2%) Ritchie Park ES (-114, 129.5%) Wilson Wims ES (-549, 173.6%)		

ANNUAL SCHOOL TEST NOTES

The test outcome for any school or cluster not identified is "OPEN."

Test results include the following placeholder capacities:

- Montgomery Blair Cluster HS Solution—6 classroom addition
- Albert Einstein Cluster HS Solution—14 classroom addition
- Walter Johnson HS Cluster Solution—10 classroom addition
- Northwood HS Cluster Solution—16 classroom addition
- Parkland MS Solution—4 classroom addition
- Clarksburg ES and Cedar Grove ES Solution—14 classrooms total
- Clopper Mill ES and Ronald McNair ES Solution—8 classrooms total

Test results include the following impacts from planned school capacity projects:

- Clarksburg HS and Northwest HS are relieved by the approved revitalization/expansion at Seneca Valley HS.
- Beall ES, College Gardens ES, and Ritchie Park ES are relieved by the opening of Richard Montgomery ES #5 in August 2018.
- Rachel Carson ES is relieved by the approved revitalization/expansion at DuFief ES, opening in January 2022.
- Wilson Wims ES is relieved by the opening of Clarksburg Village Site #2 ES in August 2019.
- Forest Knolls ES is relieved by the approved additions at Montgomery Knolls ES and Pine Crest ES, both opening in August 2020.

Subdivision Staging Policy FY 2018 School Test: Cluster Utilizations in 2022-2023
 Reflects County Council Adopted FY 2018 Capital Budget and Amendments to the FY 2017-2022 Capital Improvements Program (CIP)
 Effective July 1, 2017

Elementary School Cluster Test: Percent Utilization > 120% Moratorium

Cluster Area	Projected August 2022 Enrollment	100% MCPS Program Capacity With Amended FY 2017-2022 CIP	Cluster Percent Utilization in 2022-2023 School Year	School Test Result Capacity is:	Cluster Status
Bethesda-Chevy Chase	3,595	3,813	94.3%	Adequate	Open
Montgomery Blair	4,514	4,844	93.2%	Adequate	Open
James Hubert Blake	2,732	2,653	103.0%	Adequate	Open
Winston Churchill	2,445	2,826	86.5%	Adequate	Open
Clarksburg	4,546	4,447	102.2%	Adequate	Open
Damascus	2,121	2,245	94.5%	Adequate	Open
Albert Einstein	2,991	3,006	99.5%	Adequate	Open
Gaithersburg	4,757	4,145	114.8%	Adequate	Open
Walter Johnson	4,648	4,541	102.4%	Adequate	Open
John F. Kennedy	3,160	3,199	98.8%	Adequate	Open
Col. Zadok Magruder	2,612	2,868	91.1%	Adequate	Open
Richard Montgomery	2,799	2,873	97.4%	Adequate	Open
Northwest	3,998	3,745	106.8%	Adequate	Open
Northwood	3,648	3,174	114.9%	Adequate	Open
Paint Branch	2,419	2,630	92.0%	Adequate	Open
Poolesville	470	758	62.0%	Adequate	Open
Quince Orchard	3,083	2,884	106.9%	Adequate	Open
Rockville	2,568	2,517	102.0%	Adequate	Open
Seneca Valley	2,468	2,411	102.4%	Adequate	Open
Sherwood	2,014	2,418	83.3%	Adequate	Open
Springbrook	3,464	3,354	103.3%	Adequate	Open
Watkins Mill	2,866	2,833	101.2%	Adequate	Open
Wheaton	2,936	3,392	86.6%	Adequate	Open
Walt Whitman	2,179	2,538	85.9%	Adequate	Open
Thomas S. Wootton	2,551	3,536	72.1%	Adequate	Open

Middle School Cluster Test: Percent Utilization > 120% Moratorium

Cluster Area	Projected August 2022 Enrollment	100% MCPS Program Capacity With Amended FY 2017-2022 CIP	Cluster Percent Utilization in 2022-2023 School Year	School Test Result Capacity is:	Cluster Status
Bethesda-Chevy Chase	1826	2015	90.6%	Adequate	Open
Montgomery Blair	2705	3078	87.9%	Adequate	Open
James Hubert Blake	1314	1349	97.4%	Adequate	Open
Winston Churchill	1292	1689	76.5%	Adequate	Open
Clarksburg	2138	2203	97.1%	Adequate	Open
Damascus	969	971	99.8%	Adequate	Open
Albert Einstein	1309	1432	91.4%	Adequate	Open
Gaithersburg	2021	1911	105.8%	Adequate	Open
Walter Johnson	2326	2429	95.8%	Adequate	Open
John F. Kennedy	1835	1698	108.1%	Adequate	Open
Col. Zadok Magruder	1283	1603	80.0%	Adequate	Open
Richard Montgomery	1313	1449	90.6%	Adequate	Open
Northwest	2092	2235	93.6%	Adequate	Open
Northwood	1785	1808	98.7%	Adequate	Open
Paint Branch	1303	1365	95.4%	Adequate	Open
Poolesville	283	468	60.5%	Adequate	Open
Quince Orchard	1474	1630	90.4%	Adequate	Open
Rockville	1113	936	118.9%	Adequate	Open
Seneca Valley	1242	1397	88.9%	Adequate	Open
Sherwood	1194	1450	82.3%	Adequate	Open
Springbrook	1307	1260	103.7%	Adequate	Open
Watkins Mill	1381	1326	104.1%	Adequate	Open
Wheaton	1548	1466	105.6%	Adequate	Open
Walt Whitman	1359	1502	90.5%	Adequate	Open
Thomas S. Wootton	1418	1634	86.8%	Adequate	Open

High School Cluster Test: Percent Utilization > 120% Moratorium

Cluster Area	Projected August 2022 Enrollment	100% MCPS Program Capacity With Amended FY 2017–2022 CIP	Cluster Percent Utilization in 2022–2023 School Year	School Test Result Capacity is:	Cluster Status
Bethesda-Chevy Chase	2471	2408	102.6%	Adequate	Open
Montgomery Blair	3606	2921	123.5%	Inadequate	Open Conditionally ¹
James Hubert Blake	1834	1734	105.8%	Adequate	Open
Winston Churchill	2036	1986	102.5%	Adequate	Open
Clarksburg	2700	2025	133.3%	Inadequate	Open Conditionally ²
Damascus	1396	1556	89.7%	Adequate	Open
Albert Einstein	2244	1621	138.4%	Inadequate	Open Conditionally ³
Gaithersburg	2736	2393	114.3%	Adequate	Open
Walter Johnson	3024	2321	130.3%	Inadequate	Open Conditionally ⁴
John F. Kennedy	2142	1833	116.9%	Adequate	Open
Col. Zadok Magruder	1872	1941	96.4%	Adequate	Open
Richard Montgomery	2638	2237	117.9%	Adequate	Open
Northwest	2679	2241	119.5%	Adequate	Open
Northwood	2152	1508	142.7%	Inadequate	Open Conditionally ⁵
Paint Branch	2210	2012	109.8%	Adequate	Open
Poolesville	1226	1170	104.8%	Adequate	Open
Quince Orchard	2168	1862	116.4%	Adequate	Open
Rockville	1701	1584	107.4%	Adequate	Open
Seneca Valley	1444	2423	59.6%	Adequate	Open
Sherwood	1959	2170	90.3%	Adequate	Open
Springbrook	2004	2148	93.3%	Adequate	Open
Watkins Mill	2024	1942	104.2%	Adequate	Open
Wheaton	2011	2279	88.2%	Adequate	Open
Walt Whitman	2305	2397	96.2%	Adequate	Open
Thomas S. Wootton	2240	2420	92.6%	Adequate	Open

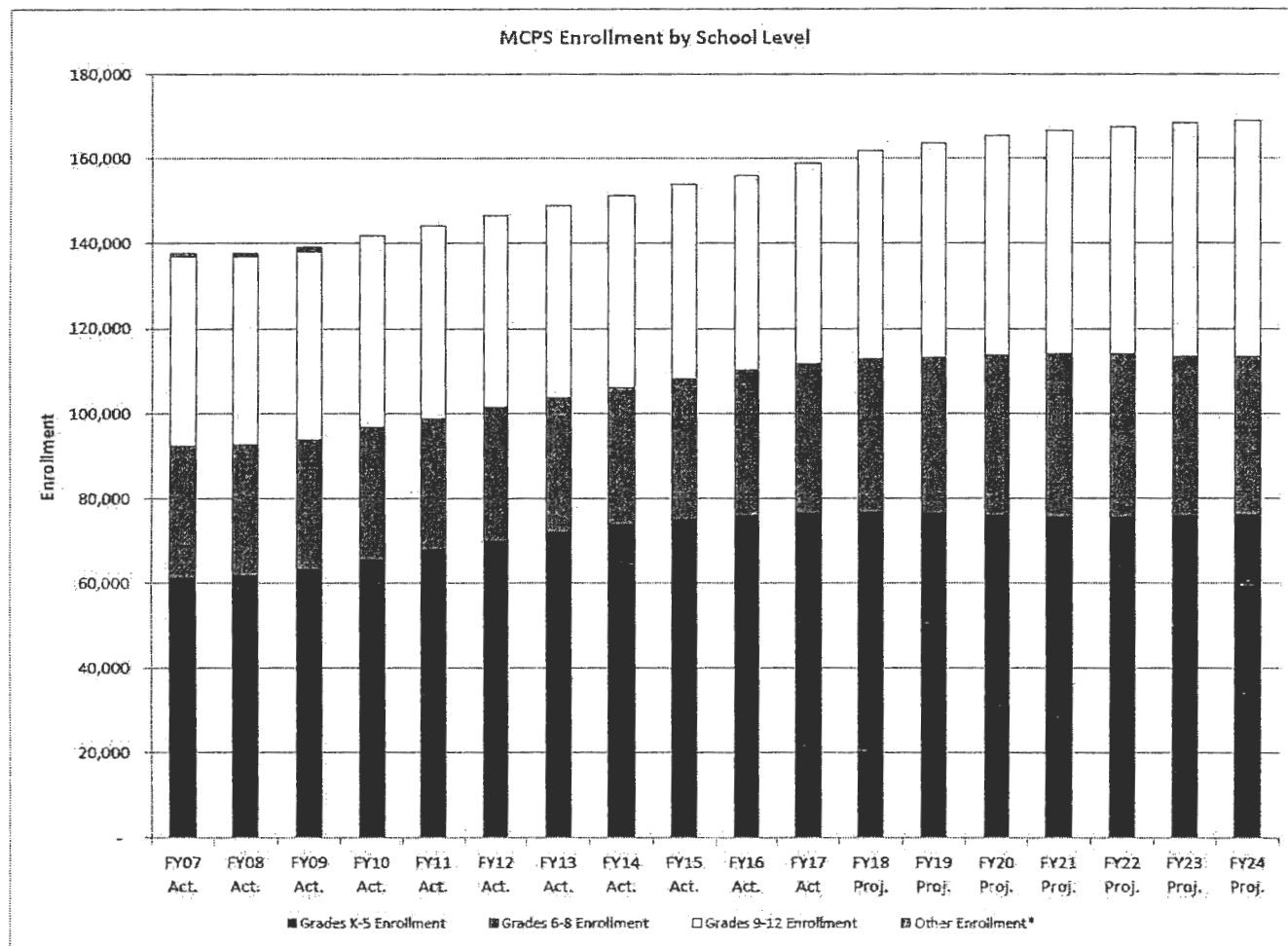
¹ Montgomery Blair High School placeholder project for a 6-classroom addition.

² CIP solution to reassign students from Clarksburg High School to Seneca Valley High School.

³ Albert Einstein High School placeholder project for a 14-classroom addition.

⁴ Walter Johnson High School placeholder project for a 10-classroom addition.

⁵ Northwood High School placeholder project for a 16-classroom addition.



EXECUTIVE RECOMMENDATION



Crown HS (New) (P651909)

Category	Montgomery County Public Schools	Date Last Modified	11/26/17
SubCategory	Individual Schools	Administering Agency	Public Schools
Planning Area	Gaithersburg and Vicinity	Status	

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
Planning, Design and Supervision	6,306	-	-	6,306	2,522	1,891	1,261	632	-	-	-
Site Improvements and Utilities	19,016	-	-	19,016	-	2,001	5,695	7,585	3,735	-	-
Construction	110,980	-	-	110,980	-	-	3,983	34,028	57,509	15,460	-
TOTAL EXPENDITURES	136,302	-	-	136,302	2,522	3,892	10,939	42,245	61,244	15,460	-

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
G.O. Bonds	136,302	-	-	136,302	2,522	3,892	10,939	42,245	61,244	15,460	-
TOTAL FUNDING SOURCES	136,302	-	-	136,302	2,522	3,892	10,939	42,245	61,244	15,460	-

COMPARISON (\$000s)

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years	FY 19 Approp.
Prior Year Approved	-	-	-	-	-	-	-	-	-	-	-	-
Agency Request	136,302	-	-	136,302	2,522	3,892	10,939	42,245	61,244	15,460	-	6,306
Recommended	136,302	-	-	136,302	2,522	3,892	10,939	42,245	61,244	15,460	-	6,306

CHANGE	TOTAL	%	6-YEAR	%	APPROP.	%
Agency Request vs Prior Year Approved	136,302	-	136,302	-	6,306	-
Recommended vs Prior Year Approved	136,302	-	136,302	-	6,306	-
Recommended vs Agency Request	-	-	-	-	-	-

Recommendation

Approve with Technical Modifications. Technical appropriation correction requested by MCPS adds a second year appropriation of \$108,000.



Crown HS (New) (P651909)

Category	Montgomery County Public Schools	Date Last Modified	11/26/17
SubCategory	Individual Schools	Administering Agency	Public Schools
Planning Area	Gaithersburg and Vicinity	Status	

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
Planning, Design and Supervision	6,306	-	-	6,306	2,522	1,891	1,261	632	-	-	-
Site Improvements and Utilities	19,016	-	-	19,016	-	2,001	5,695	7,585	3,735	-	-
Construction	110,980	-	-	110,980	-	-	3,983	34,028	57,509	15,460	-
TOTAL EXPENDITURES	136,302	-	-	136,302	2,522	3,892	10,939	42,245	61,244	15,460	-

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
G.O. Bonds	136,302	-	-	136,302	2,522	3,892	10,939	42,245	61,244	15,460	-
TOTAL FUNDING SOURCES	136,302	-	-	136,302	2,522	3,892	10,939	42,245	61,244	15,460	-

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	6,306	Year First Appropriation
Appropriation FY 20 Request	-	Last FY's Cost Estimate
Cumulative Appropriation	-	
Expenditure / Encumbrances	-	
Unencumbered Balance	-	

Project Description

High schools in the mid-county region will continue to be over capacity through the six-year planning period. Therefore, the Board of Education's requested FY 2019-2024 CIP includes funding for a new high school in the mid-county region located on the Crown site in the City of Gaithersburg. An FY 2019 appropriation is requested to begin planning this new high school. Once the planning is complete, a recommendation will be included in the next full CIP regarding the phasing and completion date for the opening of this new high school.

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

EXECUTIVE RECOMMENDATION



Major Capital Projects (P651913)

Category	Montgomery County Public Schools	Date Last Modified	12/21/17
SubCategory	Countywide	Administering Agency	Public Schools
Planning Area	Countywide	Status	Planning Stage

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
Planning, Design and Supervision	10,197	-	-	10,197	-	4,197	1,200	1,800	1,500	1,500	-
Site Improvements and Utilities	25,153	-	-	25,153	-	-	5,663	7,500	5,690	6,300	-
Construction	84,619	-	-	84,619	-	-	5,800	10,199	12,873	55,747	-
TOTAL EXPENDITURES	119,969	-	-	119,969	-	4,197	12,663	19,499	20,063	63,547	-

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
G.O. Bonds	119,969	-	-	119,969	-	4,197	12,663	19,499	20,063	63,547	-
TOTAL FUNDING SOURCES	119,969	-	-	119,969	-	4,197	12,663	19,499	20,063	63,547	-

COMPARISON (\$000s)

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years	FY 19 Approp.
Prior Year Approved	-	-	-	-	-	-	-	-	-	-	-	-
Agency Request	119,969	-	-	119,969	-	4,197	12,663	19,499	20,063	63,547	-	-
Recommended	119,969	-	-	119,969	-	4,197	12,663	19,499	20,063	63,547	-	-

CHANGE	TOTAL	%	6-YEAR	%	APPROP.	%
Agency Request vs Prior Year Approved	119,969	-	119,969	-	-	-
Recommended vs Prior Year Approved	119,969	-	119,969	-	-	-
Recommended vs Agency Request	-	-	-	-	-	-

Recommendation

Approve with Technical Modifications. Technical appropriation correction requested by MCPS changes second year appropriation to \$6.3 million.



Major Capital Projects (P651913)

Category	Montgomery County Public Schools	Date Last Modified	12/21/17
SubCategory	Countywide	Administering Agency	Public Schools
Planning Area	Countywide	Status	Planning Stage

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
Planning, Design and Supervision	10,197	-	-	10,197	-	4,197	1,200	1,800	1,500	1,500	-
Site Improvements and Utilities	25,153	-	-	25,153	-	-	5,663	7,500	5,690	6,300	-
Construction	84,619	-	-	84,619	-	-	5,800	10,199	12,873	55,747	-
TOTAL EXPENDITURES	119,969	-	-	119,969	-	4,197	12,663	19,499	20,063	63,547	-

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
G.O. Bonds	119,969	-	-	119,969	-	4,197	12,663	19,499	20,063	63,547	-
TOTAL FUNDING SOURCES	119,969	-	-	119,969	-	4,197	12,663	19,499	20,063	63,547	-

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	-	Year First Appropriation
Appropriation FY 20 Request	-	Last FY's Cost Estimate
Cumulative Appropriation	-	
Expenditure / Encumbrances	-	
Unencumbered Balance	-	

Project Description

A major effort as part of the CIP process has been to review the revitalization/expansion program to develop a multi-variable approach to determine the relative priority of large-scale renovations, possibly including programmatic and capacity considerations. As an evaluation of the previous process is reviewed and factors that could be used in a new process are considered, it is evident that the need for flexibility with respect to these major capital projects is imperative, as is the need to include instructional program priorities and the impact of overutilization. This new approach will eliminate the static and lengthy project queue that has been in place for many years.

In order to consider this new approach, the Board of Education must conduct a formal review process with respect to the two primary policies that guide the long-range educational facility planning framework. This review will allow for community engagement through formal public comments on the two policies. Therefore, at this point, the Board of Education, as part of the FY 2019-2024 CIP, has included funds in this project intended to create fiscal capacity in the CIP for these major capital projects and it is anticipated that future projects will be programmed using the expenditures shown in this project through the revised

analysis and capital planning processes, once the Board of Education has completed its policy work.

Disclosures

Expenditures will continue indefinitely.

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

EXECUTIVE RECOMMENDATION



Northwood HS Addition/Facility Upgrades (P651907)

Category	Montgomery County Public Schools	Date Last Modified	11/26/17
SubCategory	Individual Schools	Administering Agency	Public Schools
Planning Area	Silver Spring and Vicinity	Status	

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
Planning, Design and Supervision	9,873	-	-	9,873	3,949	2,962	1,975	987	-	-	-
Site Improvements and Utilities	15,132	-	-	15,132	-	3,902	4,985	6,245	-	-	-
Construction	98,351	-	-	98,351	-	1,926	1,640	4,982	48,254	41,549	-
TOTAL EXPENDITURES	123,356	-	-	123,356	3,949	8,790	8,600	12,214	48,254	41,549	-

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
G.O. Bonds	123,258	-	(98)	123,356	3,949	8,790	8,600	12,214	48,254	41,549	-
School Facilities Payment	98	-	98	-	-	-	-	-	-	-	-
TOTAL FUNDING SOURCES	123,356	-	-	123,356	3,949	8,790	8,600	12,214	48,254	41,549	-

COMPARISON (\$000s)

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years	FY 19 Approp.
Prior Year Approved	-	-	-	-	-	-	-	-	-	-	-	-
Agency Request	123,356	-	-	123,356	3,949	8,790	8,600	12,214	48,254	41,549	-	9,873
Recommended	123,356	-	-	123,356	3,949	8,790	8,600	12,214	48,254	41,549	-	12,739

CHANGE	TOTAL	%	6-YEAR	%	APPROP.	%
Agency Request vs Prior Year Approved	123,356	-	123,356	-	9,873	-
Recommended vs Prior Year Approved	123,356	-	123,356	-	12,739	-
Recommended vs Agency Request	-	-	-	-	2,866	29.0%

Recommendation

Approve with Technical Modifications. Technical appropriation correction requested by MCPS.



Northwood HS Addition/Facility Upgrades (P651907)

Category	Montgomery County Public Schools	Date Last Modified	11/26/17
SubCategory	Individual Schools	Administering Agency	Public Schools
Planning Area	Silver Spring and Vicinity	Status	

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
Planning, Design and Supervision	9,873	-	-	9,873	3,949	2,962	1,975	987	-	-	-
Site Improvements and Utilities	15,132	-	-	15,132	-	3,902	4,985	6,245	-	-	-
Construction	98,351	-	-	98,351	-	1,926	1,640	4,982	48,254	41,549	-
TOTAL EXPENDITURES	123,356	-	-	123,356	3,949	8,790	8,600	12,214	48,254	41,549	-

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
G.O. Bonds	123,258	-	(98)	123,356	3,949	8,790	8,600	12,214	48,254	41,549	-
School Facilities Payment	98	-	98	-	-	-	-	-	-	-	-
TOTAL FUNDING SOURCES	123,356	-	-	123,356	3,949	8,790	8,600	12,214	48,254	41,549	-

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	9,873	Year First Appropriation
Appropriation FY 20 Request	-	Last FY's Cost Estimate
Cumulative Appropriation	-	
Expenditure / Encumbrances	-	
Unencumbered Balance	-	

Project Description

In order to address the overutilization at the high school level in the Downcounty Consortium and at Walter Johnson High School, the Board of Education's requested FY 2019-2024 CIP includes three capital projects to address the overutilization in these areas. The requested CIP includes an expansion of Northwood High School, the reopening of Charles W. Woodward High School, and an addition at John F. Kennedy High School. The expansion of Northwood High school would increase the capacity to a 2,700 student capacity. The expansion of approximately 1,200 seats will require not only additional classrooms, but also reconfiguration of existing spaces and upgrades to building systems to accommodate the new student population. Therefore, an FY 2019 appropriation is requested to begin planning for this expansion and facility upgrade. Once the planning is complete, a recommendation will be included in the next full CIP regarding the phasing and completion date for this project.

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



MCPS Affordability Reconciliation (P056516)

Category	Montgomery County Public Schools	Date Last Modified	01/04/18
SubCategory	Miscellaneous Projects	Administering Agency	Public Schools
Planning Area	Countywide	Status	Ongoing

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
Other	(82,162)	-	(3,019)	(79,143)	(52,865)	(49,999)	(63,010)	(26,562)	40,664	72,629	-
TOTAL EXPENDITURES	(82,162)	-	(3,019)	(79,143)	(52,865)	(49,999)	(63,010)	(26,562)	40,664	72,629	-

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
G.O. Bonds	(79,143)	-	-	(79,143)	(52,865)	(49,999)	(63,010)	(26,562)	40,664	72,629	-
Current Revenue: General	(3,019)	-	(3,019)	-	-	-	-	-	-	-	-
TOTAL FUNDING SOURCES	(82,162)	-	(3,019)	(79,143)	(52,865)	(49,999)	(63,010)	(26,562)	40,664	72,629	-

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	(57,875)	Year First Appropriation	FY15
Appropriation FY 20 Request	-	Last FY's Cost Estimate	-
Cumulative Appropriation	-		
Expenditure / Encumbrances	-		
Unencumbered Balance	-		

Project Description

This project reconciles the Board of Education's request with the County Executive's recommendation based on affordability considerations. The FY19-24 CIP was developed under constrained resources. For example, general obligation bond and PAYGO funding were reduced by \$198 million over the six-year period to ensure greater operating budget flexibility. In addition, two key MCPS CIP funding sources, schools impact taxes and redecoration taxes, are estimated to be \$41.3 million below prior estimates for FY19 through FY22. Although the Executive's recommended budget is \$7.5 million higher than the previously approved CIP, reductions in the MCPS request are needed for fiscal reasons.

Fiscal Note

FY18 reductions are related to a proposed FY18 savings plan.



MCPS Funding Reconciliation (P076510)

Category	Montgomery County Public Schools	Date Last Modified	01/04/18
SubCategory	Miscellaneous Projects	Administering Agency	Public Schools
Planning Area	Countywide	Status	Ongoing

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
TOTAL EXPENDITURES	-	-	-	-	-	-	-	-	-	-	-

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
G.O. Bonds	(604,669)	(23,157)	(60,967)	(520,545)	(60,095)	(51,293)	(86,033)	(95,877)	(110,157)	(117,090)	-
Current Revenue: General	(40,303)	(3,802)	(5,348)	(31,153)	(7,863)	(7,289)	(8,167)	(7,834)	-	-	-
Recordation Tax	419,071	26,784	51,458	340,829	44,402	34,850	57,666	63,132	67,481	73,298	-
Schools Impact Tax	225,901	175	14,857	210,869	23,556	23,732	36,534	40,579	42,676	43,792	-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-	-	-	-	-

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	-	Year First Appropriation	
Appropriation FY 20 Request	-	Last FY's Cost Estimate	-
Cumulative Appropriation	-		
Expenditure / Encumbrances	-		
Unencumbered Balance	-		

Project Description

This project has been updated to reflect current estimates for Current Revenue: General, Recordation Tax, and School Impact Tax with offsetting GO Bond funding adjustments.



State Aid Reconciliation

(P896536)

Category	Montgomery County Public Schools	Date Last Modified	01/04/18
SubCategory	Miscellaneous Projects	Administering Agency	Public Schools
Planning Area	Countywide	Status	Ongoing

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
TOTAL EXPENDITURES	-	-	-	-	-	-	-	-	-	-	-

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
G.O. Bonds	(414,029)	(58,829)	-	(355,200)	(59,200)	(59,200)	(59,200)	(59,200)	(59,200)	(59,200)	-
State Aid	414,029	58,829	-	355,200	59,200	59,200	59,200	59,200	59,200	59,200	-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-	-	-	-	-

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	-	Year First Appropriation
Appropriation FY 20 Request	-	Last FY's Cost Estimate
Cumulative Appropriation	-	
Expenditure / Encumbrances	-	
Unencumbered Balance	-	

Project Description

This project shows assumed State Aid for FY 2019 and beyond. When actual state aid is known for specific projects, the amount of such aid is shown in those projects and then this PDF is zeroed out for the budget year.

Disclosures

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

GENERAL OBLIGATION BOND ADJUSTMENT CHART

FY19-24 Capital Improvements Program

COUNTY EXECUTIVE RECOMMENDED

January 16, 2018

(\$ millions)	6 YEARS	FY19	FY20	FY21	FY22	FY23	FY24
BONDS PLANNED FOR ISSUE	1,860.000	330.000	320.000	310.000	300.000	300.000	300.000
Plus PAYGO Funded	186.000	33.000	32.000	31.000	30.000	30.000	30.000
Adjust for Implementation **	-	-	-	-	-	-	-
Adjust for Future Inflation **	(74.609)	-	-	(7.911)	(15.057)	(22.288)	(29.353)
SUBTOTAL FUNDS AVAILABLE FOR DEBT ELIGIBLE PROJECTS (after adjustments)	1,971.391	363.000	352.000	333.089	314.943	307.712	300.647
Less Set Aside: Future Projects	178.698	10.526	25.944	20.230	27.092	42.077	52.829
	9.06%						
TOTAL FUNDS AVAILABLE FOR PROGRAMMING	1,792.693	352.474	326.056	312.859	287.851	265.635	247.818
MCPS	(633.329)	(127.681)	(119.408)	(106.759)	(92.560)	(101.916)	(85.005)
MONTGOMERY COLLEGE	(119.297)	(17.149)	(14.641)	(21.889)	(30.829)	(10.133)	(24.656)
M-NCPPC PARKS	(74.152)	(12.548)	(11.320)	(11.272)	(12.432)	(13.415)	(13.165)
TRANSPORTATION	(582.991)	(108.576)	(103.925)	(96.291)	(95.835)	(89.513)	(88.651)
MCG - OTHER	(446.518)	(126.019)	(100.857)	(76.648)	(56.195)	(50.658)	(36.141)
Programming Adjustment - Unspent Prior Years*	63.594	39.499	24.095	-	-	-	-
	-	-	-	-	-	-	-
SUBTOTAL PROGRAMMED EXPENDITURES	(1,792.693)	(352.474)	(326.056)	(312.859)	(287.851)	(265.635)	(247.818)
AVAILABLE OR (GAP)	-	-	-	-	-	-	-
NOTES:							
* See additional information on the GO Bond Programming Adjustment for Unspent Prior Year Detail Chart County Executive's FY19-24 Recommended CIP publication, Inflation =		1.74%	2.35%	2.38%	2.35%	2.35%	2.35%

NOTE: The set-aside has been intentionally increased to provide capacity for the South County Recreation and Aquatic Center project.



OFFICE OF THE COUNTY EXECUTIVE
ROCKVILLE, MARYLAND 20850

Isiah Leggett
County Executive

MEMORANDUM

March 15, 2018

TO: Hans Riemer, Council President

FROM: Isiah Leggett, County Executive *Isiah Leggett*

SUBJECT: Amendments to the Recommended FY19 Capital Budget and
FY19-24 Capital Improvements Program (CIP)

In January 2017, I submitted my recommended FY19-FY24 Capital Improvements Program. Since that time, it has become clear that adjustments to the January recommendations are needed for affordability reasons.

Cost Sharing

While most of the attached amendments are needed to address fiscal capacity concerns, I have included \$2,155,000 in increased funding in my March CIP amendments for the following Cost Sharing project Community Grants: 7th Generation Foundation, Inc.: \$25,000; A Wider Circle, Inc.: \$100,000; Bender JCC of Greater Washington: \$20,000; CASA de Maryland, Inc.: \$100,000; Charles E. Smith Jewish Day School of Greater Washington, Inc.: \$20,000; Cornerstone Montgomery, Inc.: \$350,000; Easter Seals Serving DC|MD|VA: \$50,000; First Baptist Church of KenGar: \$10,000; Hebrew Home of Greater Washington, Inc.: \$40,000; Jewish Foundation for Group Homes: \$75,000; Melvin J. Berman Hebrew Academy: \$75,000; Olney Theatre Corporation: \$650,000; Potomac Community Resources, Inc.: \$30,000; Round House Theatre: \$250,000; Sunflower Bakery: \$100,000; The Ivymount School, Inc.: \$50,000; The Menare Foundation, Inc.: \$9,958; TLC - The Treatment Learning Centers, Inc.: \$25,000; Warrior Canine Connection: \$50,000; YMCA of Metropolitan Washington: \$125,000.

I am also recommending allocating \$891,762 in existing project funding for the following CIP Grants for Arts and Humanities organizations as recommended by the Arts and Humanities Council of Montgomery County: Glen Echo Park Partnership for Arts and Culture, Inc.: \$250,000; Round House Theatre, Inc.: \$250,000; The Olney Theatre Center for the Arts, Inc.: \$100,000; Montgomery Community Television, Inc.: \$98,237; and Metropolitan Ballet Theatre, Inc.: \$193,525.

Stormwater Management

I am pleased to report that the Department of Environmental Protection is on track to achieve an important programmatic milestone and is undertaking a number of initiatives to improve water quality in a cost-effective manner. First and foremost, pending MDE review and approval, the department has determined that they will be able to fulfill the requirements of the 2010 MS4 Permit by this winter. As a leader in the state and in the nation, since 2001, the County has already treated over 5,000 acres of uncontrolled impervious surface in its efforts to remediate stormwater runoff. Since FY10,

the County has invested approximately \$117 million towards this effort. In addition, the County continues to meet Permit activities by identifying pollutant sources, expanding its stormwater facility maintenance and inspection program, enhancing property management programs to reduce stormwater pollution, expanding stormwater pollution awareness outreach programs, and making progress on meeting the County wasteload allocations for approved Total Maximum Daily Load.

The Department of Environmental Protection has also applied for low-cost financing through the Maryland Water Quality Revolving Loan Fund, which will be secured by the Water Quality Protection Charge. Through this loan program, the County stands to save an estimated \$22 million in financing costs, over the life of the loans, as compared to traditional bond funding. The department also intends to pursue a public-private partnership contracting vehicle for the anticipated new Permit – a mechanism that has provided significant cost efficiencies in other jurisdictions such as Prince George's County.

As a result of DEP's work in streamlining the Stormwater Management program – both in the operating and capital budgets – the Water Quality Protection Charge rate in FY19 will remain the same as in FY18. This is an important accomplishment since the Charge has increased an average of 16 percent each year from FY09 to FY18.

Staff from the Department of Environmental Protection and Maryland National Capital Park and Planning Commission have also collaborated on stormwater management activities. The M-NCPPC has agreed that they will pursue low-cost funding from the same Maryland Water Quality Revolving Loan Fund to support the activities under its new permit. In the meantime, Water Quality Protection Charge funding will be allocated in FY19 to the M-NCPPC Stream Protection and Pollution Prevention CIP projects until they can secure state support. Increased operating support for M-NCPPC's stormwater management work has also been negotiated, and M-NCPPC and DEP have committed to sharing data and working collectively to maximize credit towards achieving their two permit requirements.

This budget submission for the MS4 program continues the tradition of strong environmental stewardship while ensuring the best use of taxpayer dollars for an economically vibrant future.

The Capital Budget's Role In Supporting the Operating Budget

As is often the case, reductions or other adjustments in the capital budget are often needed to address operating budget needs. For instance, in January, the Council approved \$9.309 million in FY18 Current Revenue reductions to partially offset an expected \$120 million shortfall in operating budget revenues. Now, in March, further adjustments are needed.

Fortunately, project savings in the Apparatus Replacement, Ride On Bus Fleet, Wheaton Redevelopment Program, Technology Modernization, and Public Arts Trust projects are expected to be manageable for departments. In addition, excess one-time FY18 bond premium proceeds have been allocated in a manner that will free up FY18 Current Revenue in the following projects without jeopardizing planned project activity: MCG Reconciliation PDF, MCPS Funding Reconciliation, Pedestrian Safety Program, Resurfacing: Residential/Rural Roads, Traffic Signal System Modernization, and Traffic Signals. A funding switch to replace Mass Transit Current Revenue with Short-Term

Financing for 14 Rapid Transit Service buses will maintain support for the launch of the Route 29 Bus Rapid Transit system in FY20.

After these technical adjustments, it was still necessary to make further reductions in the CIP Current Revenue to support operating budget activities. The MCPS Technology Modernization and M-NCPPC Affordability Reconciliation projects have been reduced to keep FY19 Current Revenue funding at previously approved levels. In addition, the MCPS Affordability and College Affordability Reconciliation projects have been reduced to help support increased operating support above Maintenance of Effort funding for these agencies. The 21st Century Library Enhancements Level of Effort project has been reduced to maintain FY19 funding at the FY18 funding level. A modest (\$350,000) reduction has also been made in the FY19 Street Tree Preservation program to address operating budget funding needs.

A new project has also been created to provide financing to replace heavy equipment which will primarily be used for highway maintenance activities.

Shortfalls in FY18 Recordation and Impact Taxes

In the February 2018 Spending Affordability Guidelines packet, Council staff noted that FY18 collections of impact and recordation taxes were significantly below budget. This trend has continued, and we now estimate that collections will be short by nearly \$33 million – with approximately \$29 million of the shortfall attributable to Schools Impact Taxes and Recordation Taxes – key funding sources for MCPS projects.

To address this shortfall, I propose the following:

- Allocate approximately \$10 million in bond savings from the following pending closeout and closeout projects to backfill for reduced impact and recordation taxes: Detention Center Reuse, North County Maintenance Depot, Radio Shop, MCPS Bus Depot and Maintenance Relocation, and PSTA Academic Building Complex. In addition, we anticipate \$3 million in savings from a number of MCPS projects which we have asked MCPS to identify.
- Allocate \$8.642 million of the FY18 set-aside to replace impact and recordation taxes. This will leave only those funds needed to execute some property purchases that are in process.
- Recognize implementation delays that have or will occur in several projects. This will reduce FY18 expenditures but will increase expenditure pressure in FY19-FY24 as those costs move into the six-year period. Amended projects with schedule adjustments include: Gold Mine Road Bridge, Park Valley Road Bridge, Metropolitan Branch Trail, Snouffer School Road, Seminary Road, South County Recreation and Aquatic Center, Life Safety Systems, and the White Oak Science Gateway.
- Delay Goshen Road project by three years to address affordability constraints.
- Adjust the funding schedules for the Wheaton Redevelopment and White Flint Fire Station schedules for affordability with no expected impact on the project completion date.
- Reallocate General Obligation bonds freed up by an agreement with M-NCPPC to fund their water quality related projects with a combination of Water Quality Protection Charge in FY19 and low-cost State loans in FY20-FY24 to address affordability issues created by the adjustments above.

Net Impact of Amendments on MCPS and M-NCPPC Funding

On net, my amendments maintain total FY19-24 CIP funding for Montgomery County Public Schools at \$1,751,229,000; however there have been adjustments made in terms of the timing and type of funding sources used. In particular, my recommendations reflect Current Revenue: General reductions in FY19 and offsetting increases in GO bonds in FY23 and FY24. An FY18 supplemental appropriation for \$5 million is also recommended so that relocatable classrooms can be installed in time for September 2018 classes.

For M-NCPPC, the net impact of all my amendments results in FY19-FY24 CIP funding of \$215,173,000 – a \$30.6 million increase from the previously approved CIP. In addition, M-NCPPC's new Headquarters in Wheaton represents a \$71.6 million investment in the agency's future.

Set Aside Considerations

As previously mentioned, my amendments would assume that \$8.642 million of the FY18 set-aside is allocated to backfilling shortfalls in FY18 impact and recordation tax collections. For FY19-FY24, the revised recommended capital budget assumes a \$190.9 million set-aside with \$15.2 million available in FY19 for anticipated future amendments and unanticipated needs. This set-aside is artificially higher than it would be otherwise, since I have intentionally left additional funds available in set-aside for expected cost increases associated with the South County Recreation and Aquatic Center and to help support the KIDS Museum's efforts to purchase a larger, permanent location. With the likely cost increases for the Recreation and Aquatic Center and other property acquisition activities, the set-aside in FY19 – FY21, the earliest years of the CIP, is particularly tight.

The proposals, highlighted in the pages immediately following and detailed in the specific FY19-24 recommendations for County Government, MCPS, Montgomery College, and M-NCPPC, reflect the priorities of my administration. A companion supplemental appropriation request for Relocatable Classrooms is being transmitted separately.

As always, Executive Branch staff is available to discuss these and other technical amendments to assist you in your deliberations on the Capital Budget and CIP.

IL:jah

Attachments: Recommended Budget Adjustments
General Obligation Bond Adjustment Chart
Current Revenue Adjustment Chart

c: Michael A. Durso, President, Montgomery County Board of Education
Dr. Jack R. Smith, Superintendent, Montgomery County Public Schools
DeRionne P. Pollard, PhD., President, Montgomery College
Casey Anderson, Chair, Montgomery County Planning Board
Executive Branch Department Heads and Office Director
Marlene Michaelson, Executive Director, County Council

P801710	Wheaton Regional Dam Flooding Mitigation	Project increase is due to revised Planning Design & Supervision cost estimates. Funding switch reducing Long-Term Financing and increasing Current Revenue: Water Quality Protection.	639 Federal Aid, Current Revenue: Water Quality Protection, Long-Term Financing, Water Quality Protection Bonds
---------	--	--	---

MONTGOMERY COUNTY PUBLIC SCHOOLS

P846540	Relocatable Classrooms	Appropriate \$5 million in FY18 instead of FY19 to facilitate timely installation	- Current Revenue: General
P0765510	MCPS Funding Reconciliation	Substitute Current Revenue General for Recordation Tax in FY18-24. Replace \$17.8M in Recordation Tax with GO Bonds in FY18.	- Recordation Tax, G.O. Bonds, Current Revenue
P056516	MCPS Affordability Reconciliation	Reduction of \$1.469 in FY18 Current Revenue: General to help support operating budget funding above mandatory MOE. \$3 million reduction in FY18 GO bonds (or substitutes) based on expected project savings to address \$33 million shortfall in School Impact and Recordation tax receipts. Recognizes impact of approved savings plan. Maintains total MCPS funding at \$1.751 billion with additional GO bonds in FY23 and FY24.	2,153 Current Revenue: General, G.O. Bonds
P036510	Technology Modernization: MCPS	Reduce CR:General to previously approved levels; Reflects FY18 Savings Plan reduction (\$330K); FY18 funding Switch to substitute Recordation Tax for CR:General.	(2,153) Current Revenue: General, Recordation Tax

MARYLAND NATIONAL CAPITAL PARK AND PLANNING COMMISSION

P008720	Ballfield Initiatives	Added FY19 CUPF funding to renovate additional school fields.	250 Intergovernmental
P998773	Enterprise Facilities' Improvements	Funding switch from Current Revenue - Enterprise (M-NCPPC) to Revenue Bonds for the Ridge Road Ice Rink	- Current Revenue: Enterprise (M-NCPPC), Revenue Bonds
P078701	Pollution Prevention and Repairs to Ponds & Lakes	Replaced G.O. Bonds with Water Quality Current Revenue in FY19. Replaced G.O. Bonds in FY20 and beyond with Maryland Department of the Environment (MDE) Water Quality Revolving Loan Funds (Long Term Financing). FY19 and FY20 expenditures were reduced by M-NCPPC (\$575,000) to align project schedules with low-cost State loan schedules and to minimize WQP charge rate impacts. Reflects approved FY18 Savings Plan reduction (\$55,000) in Current Revenue.	(575) G.O. Bonds, Current Revenue: Water Quality Protection, Long-Term Financing
P818571	Stream Protection: SVP	Water Quality Current Revenue replaces G.O. Bonds as the funding source in FY19. Maryland Department of the Environment (MDE) Water Quality Revolving Loan Funds (Long Term Financing) replaces G.O. Bonds in FY20 and beyond.	- G.O. Bonds, Current Revenue: Water Quality Protection, Long-Term Financing
P871747	M-NCPPC Affordability Reconciliation	Reduce GO Bond reduction by \$575,000 to reflect savings due to MNCPPC revised water quality funding request. Reverts Current Revenue to prior approved funding due to fiscal constraints.	(1,537) Current Revenue: General, G.O. Bonds

PARKING LOT DISTRICTS

P501551	Parking Lot Districts Service Facility	Updated to reflect latest schedule and cost estimates.	896 Current Revenue: Parking - Silver Spring
P508255	Pkg Beth Fac Renovations	Add \$2.8 million over FY19-20 for the re-decking renovation project for Bethesda Garage 47 on Waverly St. Increase funding in FY23-24 for projected additional renovation work	2,930 Current Revenue: Parking - Bethesda



Relocatable Classrooms (P846540)

Category: Montgomery County Public Schools
SubCategory: Countywide
Planning Area: Countywide

Date Last Modified: 03/12/18
Administering Agency: Public Schools
Status: Ongoing

Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
-------	-----------	----------	------------------	-------	-------	-------	-------	-------	-------	-------------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	5,225	3,225	500	1,500	500	500	500	-	-	-
Construction	57,836	39,836	4,500	13,500	4,500	4,500	4,500	-	-	-
TOTAL EXPENDITURES	63,061	43,061	5,000	15,000	5,000	5,000	5,000	-	-	-

FUNDING SCHEDULE (\$000s)

Current Revenue: General	58,637	38,637	5,000	15,000	5,000	5,000	5,000	-	-	-
Recordation Tax	4,424	4,424	-	-	-	-	-	-	-	-
TOTAL FUNDING SOURCES	63,061	43,061	5,000	15,000	5,000	5,000	5,000	-	-	-

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	-	Year First Appropriation	FY84
Appropriation FY 20 Request	5,000	Last FY's Cost Estimate	53,061
Cumulative Appropriation	53,061		
Expenditure / Encumbrances	42,763		
Unencumbered Balance	10,298		

PROJECT DESCRIPTION

For the 2015-2016 school year, MCPS has a total of 500 relocatable classrooms. Of the 500 relocatables, 381 are used to address over utilization at various schools throughout the system. The balance, 119 relocatables, are used to provide daycare at schools, 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. An FY 2015 supplemental appropriation of \$5.0 million was approved to accelerate the FY 2016 appropriation requested by the Board of Education to enter into contracts in order to have relocatables ready for the 2015-2016 school year. An FY 2016 supplemental appropriation of \$2.250 was approved to accelerate the FY 2017 appropriation requested by the Board of Education to enter into contracts in order to have relocatables ready for the 2016-2017 school year. The expenditure for FY 2017 reflects the ability to utilize some expenditures from FY 2106 due to the conversion of computer labs to classrooms at some elementary schools, as well as the rerating of the class-size reduction schools, which resulted in the placement of less units for the 2015-2016 school year. The expenditures showing in FY 2018 and beyond will once again show the level of effort for this project. An FY 2017 supplemental appropriation was approved for \$5.0 million to accelerate the FY 2018 request to enter into contracts to allow for the placement of relocatable classrooms by the start of the 2017-2018 school year. An FY 2019 appropriation is requested to address enrollment growth and overutilization at schools throughout the system with the placement of relocatable classrooms.

FISCAL NOTE

An FY 2018 supplemental appropriation was approved for \$5.0 million to accelerate the FY 2019 request to enter into contracts to allow for the placement of relocatable classrooms by the start of the 2018-2019 school year.

DISCLOSURES

Expenditures will continue indefinitely.

COORDINATION

CIP Master Plan for School Facilities



MCPS Funding Reconciliation (P076510)

Category	Montgomery County Public Schools	Date Last Modified	03/13/18
SubCategory	Miscellaneous Projects	Administering Agency	Public Schools
Planning Area	Countywide	Status	Ongoing

Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
-------	-----------	----------	------------------	-------	-------	-------	-------	-------	-------	-------------------

EXPENDITURE SCHEDULE (\$000s)

TOTAL EXPENDITURES	-	-	-	-	-	-	-	-	-	-
--------------------	---	---	---	---	---	---	---	---	---	---

FUNDING SCHEDULE (\$000s)

G.O. Bonds	(552,954)	(23,157)	(14,005)	(515,792)	(56,836)	(51,284)	(88,279)	(97,560)	(109,231)	(112,602)	-
Current Revenue: General	(3,802)	(3,802)	-	-	-	-	-	-	-	-	-
Recordation Tax	355,260	26,784	23,553	304,923	33,260	27,552	51,745	56,981	66,555	68,810	-
Schools Impact Tax	201,496	175	(9,548)	210,869	23,556	23,732	36,534	40,579	42,676	43,792	-
TOTAL FUNDING SOURCES	-	-	-	-	-	-	-	-	-	-	-

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	-	Year First Appropriation	-
Appropriation FY 20 Request	-	Last FY's Cost Estimate	-
Cumulative Appropriation	-		-
Expenditure / Encumbrances	-		-
Unencumbered Balance	-		-

PROJECT DESCRIPTION

This project has been updated to reflect current estimates for Current Revenue: General, Recordation Tax, and School Impact Tax with offsetting GO Bond funding adjustments.

FISCAL NOTE

Reflects 1) a funding Switch in FY18 to FY22 to decrease Recordation Tax with an offsetting increase in Current Revenue 2) a funding switch to increase GO Bonds in FY18 by \$17.8M with an offsetting reduction in Recordation Tax, and 3) FY18 funding switches decreasing Recordation Taxes (-\$4.753 Million) and School Impact Taxes (-\$24.405 million) and increasing General Obligation Bonds by an equal and offsetting amount to address FY18 revenue shortfalls.



MCPS Affordability Reconciliation (P056516)

Category: Montgomery County Public Schools
SubCategory: Miscellaneous Projects
Planning Area: Countywide

Date Last Modified: 03/12/18
Administering Agency: Public Schools
Status: Ongoing

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
EXPENDITURE SCHEDULE (\$000s)											
Other	(79,990)	-	(3,000)	(76,990)	(54,334)	(49,999)	(63,010)	(26,562)	42,817	74,098	-
TOTAL EXPENDITURES	(79,990)	-	(3,000)	(76,990)	(54,334)	(49,999)	(63,010)	(26,562)	42,817	74,098	-

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	(78,521)	-	(3,000)	(75,521)	(52,865)	(49,999)	(63,010)	(26,562)	42,817	74,098	-
Current Revenue: General	(1,469)	-	-	(1,469)	(1,469)	-	-	-	-	-	-
TOTAL FUNDING SOURCES	(79,990)	-	(3,000)	(76,990)	(54,334)	(49,999)	(63,010)	(26,562)	42,817	74,098	-

APPROPRIATION AND EXPENDITURE DATA (\$000s)											
Appropriation FY 19 Request			(56,325)		Year First Appropriation					FY15	
Appropriation FY 20 Request			-		Last FY's Cost Estimate						
Cumulative Appropriation			-								
Expenditure / Encumbrances			-								
Unencumbered Balance			-								

PROJECT DESCRIPTION

This project reconciles the Board of Education's request with the County Executive's recommendation based on affordability considerations. The FY19-24 CIP was developed under constrained resources. For example, general obligation bond and PAYGO funding were reduced by \$198 million over the six-year period to ensure greater operating budget flexibility. In addition, two key MCPS CIP funding sources, schools impact taxes and recordation taxes, are estimated to be \$41.3 million below prior estimates for FY19 through FY22. Although the Executive's recommended budget is \$7.5 million higher than the previously approved CIP, reductions in the MCPS request are needed for fiscal reasons. Reduction of \$1.469M in Current Revenue: General due to affordability.

FISCAL NOTE

March amendments assume \$3 million in GO Bond savings to help address significant revenue shortfalls in FY18 recordation and impact tax receipts. In FY19, reductions in Current Revenue: General are needed to support operating budget costs, including support for MCPS \$19 million above the required maintenance of effort. Funds have been added in FY23 and FY24 to maintain total six-year MCPS funding at \$1.751 billion.



Technology Modernization (P036510)

Category	Montgomery County Public Schools	Date Last Modified	03/12/18
SubCategory	Countywide	Administering Agency	Public Schools
Planning Area	Countywide	Status	Ongoing

Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
-------	-----------	----------	------------------	-------	-------	-------	-------	-------	-------	-------------------

EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	422,485	246,221	26,986	149,278	22,875	25,366	25,484	25,143	25,246	25,164	-
TOTAL EXPENDITURES	422,485	246,221	26,986	149,278	22,875	25,366	25,484	25,143	25,246	25,164	-

FUNDING SCHEDULE (\$000s)

Federal Aid	19,503	18,197	1,306	-	-	-	-	-	-	-	-
Current Revenue: General	201,761	86,230	1,448	114,083	14,073	16,974	16,317	16,309	25,246	25,164	-
Recordation Tax	201,221	141,794	24,232	35,195	8,802	8,382	9,167	8,834	-	-	-
TOTAL FUNDING SOURCES	422,485	246,221	26,986	149,278	22,875	25,366	25,484	25,143	25,246	25,164	-

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	22,545	Year First Appropriation	FY03
Appropriation FY 20 Request	25,366	Last FY's Cost Estimate	371,099
Cumulative Appropriation	274,231		
Expenditure / Encumbrances	228,248		
Unencumbered Balance	45,983		

PROJECT 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 2015 appropriation was approved to continue the technology modernization program which will enable MCPS to provide mobile (laptop and tablet) devices in the classrooms. The County Council adopted FY 2015-2020 CIP is approximately \$21 million less than the Board's request over the six year period. However, e-rate funding anticipated for FY 2015 and FY 2016 will bring expenditures in those two years up to the Board's request to begin the new initiative to provide mobile devices for students and teachers in the classroom. The County Council, during the review of the amended FY 2015-2020 CIP, programmed an additional \$2 million in FY 2016 for this project. A supplemental appropriation was approved to have the \$2 million appropriated to MCPS. An FY 2016 appropriation was approved to continue the technology modernization program. An FY 2017 appropriation was approved to continue the technology modernization program as well as fund 16 information technology system specialist positions being reallocated from the operating budget to the capital budget. An FY 2018 appropriation was approved to continue this project. An FY 2019 appropriation is requested to continue this project and the technology modernization program to our schools throughout the system.

COST CHANGE

Reflects FY18 Savings Plan Current Revenue: General reduction (\$130,000). FY19 Current revenue: general costs are held to previously approved funding due to operating budget fiscal constraints.

FISCAL NOTE

Funding Switch to increase Recordation Tax in FY18 for \$5.348M, FY19 for 7.863M, FY20 for \$7.289M, FY21 for \$8.167M and for FY22 for \$8.834M with offsetting same amounts in Current Revenue.

COORDINATION

FY 2019 – Salaries and Wages: \$4.819M, Fringe Benefits: \$893K, Workyears: 36.5 FY 2020-2024 – Salaries and Wages \$24.1M, Fringe Benefits \$4.5M, Workyears: 182.5



MONTGOMERY COUNTY COUNCIL
ROCKVILLE, MARYLAND

February 12, 2018

Mr. Michael A. Durso
President, Board of Education
Montgomery County Public Schools
Carver Educational Services Center, Room 123
850 Hungerford Drive
Rockville, Maryland 20850

Dear Mr. Durso,

This letter follows up the Council's Education Committee meeting on February 6. At that meeting, the Committee agreed to ask Montgomery County Public Schools (MCPS) to develop a scenario of "non-recommended reductions" given the difficult capital fiscal situation in which the County finds itself again this year, even as MCPS faces capital needs related to continued enrollment growth, aging schools, and construction cost increases. The Committee also has some follow-up questions regarding several high school capacity projects that also have major fiscal implications in the CIP.

"Non-Recommended Reductions" Scenario

The County Executive's FY19-24 Recommended CIP, which assumes the Council's overall spending affordability guidelines for General Obligation Bonds of \$1.86 billion for the six-year period (including \$330 million in FY19, \$320 million in FY20, \$310 million in FY21, and \$300 million in the final three years), includes six-year funding for MCPS slightly above the Amended FY17-22 CIP. However, this funding level is still \$79.1 million below the Board's Proposed CIP. The Council will face a big challenge in balancing CIP funding across all agencies while also seeking to fund the many critical capital needs within the Board's Proposed CIP.

The County also faces uncertainty again this year in terms of school construction funding from the State. The County Executive's Recommended CIP assumes the same annual level of school construction funding (\$59.2 million) as was awarded for FY18. However, \$10.0 million of the FY18 award was in one-time funding. While there is much discussion in the current State legislative session about increasing school construction funding statewide, we will not know whether this in fact will happen (and if so, what this impact may have on the MCPS allocation) until later this spring.

Mr. Michael A. Durso
Page 2

As we have done in past years, the Education Committee is asking MCPS to develop a "non-recommended reduction" scenario that would bring the annual expenditures in the Proposed MCPS CIP \$5.0 million below each of the annual levels assumed in the County Executive's FY19-24 CIP. This scenario would coincide with a more conservative State aid assumption of \$54.2 million annually.

Hopefully, the Council will not need to take all the cuts included in your non-recommended reductions scenario. Therefore, it would be helpful if you identify priorities for the restoration of projects or groups of projects included in your non-recommended reductions.

While the Council does a final reconciliation of the CIP each year in early May, given the potential scale of reductions under consideration, the Council is planning to do an initial reconciliation in early April. To meet this schedule, the Council will need MCPS to provide its non-recommended reductions by March 14, 2018.

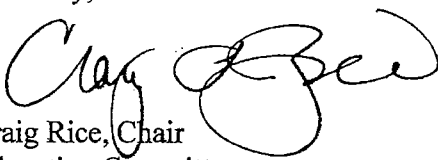
High School Capacity Projects

The Board's Proposed CIP includes several new high school capacity projects. Three of these projects: the new Crown High School, the Woodward High School Reopening, and the Northwood High School Addition/Facility Upgrades project, include substantial planning and construction funding but do not identify dates when the new capacity from these projects will be available.

To assist in its review of the CIP and in its consideration of the Council's Subdivision Staging Policy Schools Test, I would appreciate MCPS identifying which of these projects are likely to be completed by September 2023. I would also like MCPS to provide an estimate of the minimum number of students from other high schools that these new projects will accommodate. Please provide this information to the Council by February 20, so that Council Staff can review this information and incorporate it into the Education Committee meeting packet for February 26.

The Education Committee looks forward to working with you, and all the groups supportive of your CIP Proposal, to make a strong push for the funding we need from the State. We also appreciate your continued cooperation in helping the Council make the best decisions it can regarding the MCPS CIP.

Sincerely,


Craig Rice, Chair
Education Committee
Montgomery County Council



MONTGOMERY COUNTY PUBLIC SCHOOLS

www.montgomeryschoolsmd.org

MARYLAND

March 14, 2018



The Honorable Hans Riemer, President
Montgomery County Council
Stella B. Werner Council Office Building
100 Maryland Avenue
Rockville, Maryland 20850

Dear Mr. Riemer:

On February 5, 2018, the Education Committee held a work session to begin review of the *Board of Education's Requested Fiscal Year (FY) 2019 Capital Budget and the FY 2019–2024 Capital Improvements Program (CIP)*. On February 26, 2018, the Education Committee held a second work session, and at that time, councilmembers asked that Montgomery County Public Schools (MCPS) submit a list of projects that could be delayed or removed to reflect the CIP recommendation submitted by Montgomery County Executive Isiah Leggett for MCPS. The recommendation by the county executive reduced the Board of Education's request by a total of \$79.143 million over the six-year period as indicated in the following chart.

County Executive's Recommended Reduction for MCPS

Total Six-year Period	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
-\$79.143M	-\$52.865M	-\$49.999M	-\$63.010M	-\$26.562M	\$40.664M	\$72.629M

On February 12, 2018, the Board of Education received a letter from Education Committee Chair Craig Rice requesting that MCPS provide a "Non-Recommended Reductions" scenario that would align with the county executive's recommended CIP for MCPS (previous chart), as well as incorporate an additional \$5 million less than each of the annual levels recommended by the county executive, to coincide with a more conservative state aid assumption for the six-year period. Therefore, the non-recommended reduction scenario would total \$109.143 million for the six-year period.

While we understand that Montgomery County continues to recover from the fiscal constraints of the past several years, the county executive's recommendation will have a severe impact on our construction program that aims to address the overutilization at many of our schools, as well as address our aging infrastructure. Since the 2007–2008 school year, student enrollment has increased by more than 24,000 students, an average of 2,200 students per year. As student enrollment growth continues, the focus of the growth is shifting from the elementary school level to the secondary level. We must be proactive and not fall behind in providing the programmatic

Office of the Superintendent of Schools

850 Hungerford Drive, Room 122 ♦ Rockville, Maryland 20850 ♦ 240-740-3020

spaces needed at our middle and high schools throughout the county. In addition, with each new CIP cycle, construction costs will increase, and therefore, any delay to our capital projects potentially will result in higher construction costs than reflected in the Board of Education's requested CIP.

Delays to the projects included in the *Board of Education's Requested FY 2019 Capital Budget and the FY 2019–2024 Capital Improvements Program* will be a great disappointment to our school communities. All of the capital projects are essential in order to provide quality educational facilities for all MCPS students. However, adhering to the Education Committee's request, the following is the list of non-recommended reductions to the *Board of Education's FY 2019 Capital Budget and the FY 2019–2024 Capital Improvements Program*.

- Delay expenditures for the following new capacity projects by one year:
 - Clarksburg Cluster Elementary School #9 (New)
 - Cresthaven Elementary School Addition
 - Central Area High School (Crown Farm) (New)
 - DuFief Elementary School Addition/Facility Upgrades
 - Ronald McNair Elementary School Addition
 - Roscoe R. Nix Elementary School Addition
 - Parkland Middle School Addition
- Delay the completion date for Col. E. Brooke Lee Middle School Addition/Facility Upgrade project by one year but maintain the expenditures in FY 2019 to begin planning.
- Delay the expenditures for the Alternative Education Programs at the Blair G. Ewing Center Relocation project by one year and reduce expenditures.
- Remove out-year expenditures from the six-year CIP for the Major Capital Projects project.
- Reduce expenditures for some countywide systemic projects:
 - Heating, Ventilation, and Air Conditioning Replacement—\$5.0 million reduction in FY 2020, \$7.5 million reduction in FY 2021 and FY 2022, and \$5 million reduction in FY 2023 and FY 2024;
 - Planned Life-cycle Asset Replacement—\$2.0 million reduction in FY 2020 and \$500,000/year reduction in FY 2021–FY 2024;
 - Restroom Renovations—\$1.5 million/year reduction in FY 2020–2024; and
 - Roof Replacement—\$3.5 million reduction in FY 2020, and \$1 million/year reduction in FY 2021–2024.
- Remove all expenditures for the Land Acquisition project.

The non-recommended reductions listed work to align with the county executive's recommendation for the MCPS CIP; however, this list does not fully achieve the reductions as detailed in the letter from Councilmember Rice. The non-recommended reductions listed total \$86.9 million less than the Board of Education's requested CIP for the six-year period as displayed in the following chart.

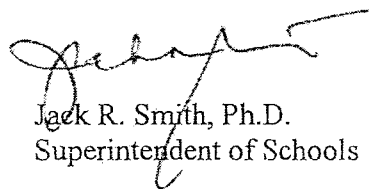
MCPS Non-Recommended Reduction

Total Six-Year Period	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
-\$86.860M	-\$54.525M	-\$48.593M	-\$61.867M	-\$25.412M	\$43.753M	\$59.784M

We respectfully request that the County Council explore all possible alternatives that would maintain the funding levels included in the Board of Education's requested CIP submission. The non-recommended reductions noted are not in a priority order as it is unknown the amount of funding the County Council will make available for school construction. We are hopeful that the County Council will recognize the capital infrastructure needs of the school system and increase the county executive's recommended capital funding for school construction projects. MCPS will work with County Council staff as needed to adjust these non-recommended reductions to accurately reflect the County Council's ultimate funding level.

If you have any questions, please contact Dr. Andrew M. Zuckerman, chief operating officer, at 240-740-3050 or Mr. James Song, director, Department of Facilities Management, at 240-314-1064.

Sincerely,



Jack R. Smith, Ph.D.
Superintendent of Schools

JRS:AMZ:JS:ak

Copy to:

Members of the Board of Education
Dr. Zuckerman
Ms. Karamihas
Mr. Song
Mr. Ikheloa

Staff Document
Non-Recommended Reductions to FY2019-2024 CIP
(figures in thousands)

Project	FY 2019 Approp.	Total	Thru FY 2017	Remaining FY 2018	Total Six-Years	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Beyond
Individual School Projects												
Ashburton ES Addition	433	13,944	603	7,003	6,338	5,314	1,024					
Lucy V. Barnsley ES Addition	700	13,924	7,200	5,041	1,683	1,683						
Bethesda-Chevy Chase HS Addition	1,750	41,397	17,786	18,952	4,659	4,659						
Burtonsville ES Addition		1,172	469	352	351	234	117					
Clarksburg Cluster ES #9 (New)		38,486			38,486		1,192	5,156	19,864	12,274		
Clarksburg Cluster ES (New) (Clarks. Village Site #2)	1,324	36,008	1,238	5,094	29,676	17,202	12,474					
Cresthaven ES Addition (for JoAnn Leleck ES@Broad Acres)		9,466			9,466		339	2,829	3,554	2,744		
Crown HS (New)		136,302			125,842		1,522	3,892	5,939	44,245	70,244	10,460
Diamond ES Addition		9,147	4,892	3,578	677	677						
DuFief ES Addition/Facility Upgrade		38,028			38,028		1,182	4,234	20,625	11,987		
East Silver Spring ES Addition (for Rolling Terrace)	320	3,514			3,514	160	96	1,448	1,578	232		
Albert Einstein Cluster HS Solution		6,334			6,334		169	2,996	2,074	1,095		
Blair Ewing Center Relocation		11,679	605	454	10,620		553	2,073	4,123	3,871		
Gaithersburg ES Addition	3,101	26,000	2,000	1,872	22,128	1,210	2,552	5,744	6,702	5,920		
John F. Kennedy HS Addition	3,875	20,578			20,578	1,610	2,217	4,000	5,978	6,773		
Kensington Parkwood ES Addition		12,679	6,991	4,756	932	932						
Col. E. Brooke Lee MS Addition/Facility Upgrade	3,921	57,864			57,864	1,568	8,525	14,327	23,444	10,000		
S. Christa McAuliffe ES Addition	473	11,386	512	5,848	5,026	3,235	1,791					
Ronald McNair ES Addition		11,403			11,403		512	4,848	2,252	3,791		
Montgomery Knolls ES Addition (for Forest Knolls ES)	5,781	6,605	273	218	6,114	2,227	2,443	1,444				
Roscoe Nix ES Addition (for JoAnn Leleck ES @ Broad Acres)		6,372			6,372		236	1,781	3,106	1,249		
North Bethesda MS Addition		21,593	11,885	8,168	1,540	1,540						
Northwood HS Addition/Facility Upgrade	9,873	123,356			123,356	2,949	5,790	8,600	10,214	54,254	41,549	
Parkland MS Addition		14,638			14,638		496	3,032	8,323	2,787		
Pine Crest ES Addition (for Forest Knolls ES)	7,672	8,623	352	211	8,060	3,492	3,942	626				
Piney Branch ES Addition	493	4,211			4,211	274	219	2,227	1,491			
Thomas W. Pyle MS Addition	22,588	25,114	400	313	24,401	1,628	6,566	10,457	5,750			
Judith Resnik ES Addition		871	436	348	87	87						
Silver Spring International MS Addition	3,010	35,140			35,140	930	4,210	8,346	13,654	8,000		
Takoma Park MS Addition	22,308	25,186	500	477	24,209	2,182	14,820	7,207				
Walt Whitman HS Addition	4,111	27,577		830	26,747	2,168	8,067	9,980	6,532			
Woodlin ES Addition	1,167	15,297			15,297	583	350	4,428	6,737	3,199		
Woodward HS Reopening	35,245	120,235			120,235	3,063	17,600	7,040	16,400	42,450	33,682	
Countywide Projects												
ADA Compliance: MCPS	1,200	30,993	21,693	2,100	7,200	1,200	1,200	1,200	1,200	1,200	1,200	
Asbestos Abatement	1,145	20,100	12,085	1,145	6,870	1,145	1,145	1,145	1,145	1,145	1,145	
Building Modifications and Program Improvements	11,500	59,328	38,128	3,200	18,000	9,000	9,000					
Current Revitalizations/Expansions	92,475	1,122,247	674,560	108,236	339,451	128,421	92,469	88,561	30,000			
Design and Construction Management	4,900	85,375	51,075	4,900	29,400	4,900	4,900	4,900	4,900	4,900	4,900	
Facility Planning: MCPS	1,110	13,277	9,492	685	3,100	860	700	460	380	350	350	
Fire Safety Upgrades	817	27,117	17,215	5,000	4,902	817	817	817	817	817	817	
HVAC Replacement/IAQ Projects	30,000	212,677	99,677	18,000	95,000	30,000	25,000	10,000	10,000	10,000	10,000	
Improved (Safe) Access to Schools	2,000	18,343	12,343	2,000	4,000	2,000	2,000					
Land Acquisition					0							
Major Capital Projects		119,969			109,469		4,197	10,663	10,999	20,063	63,547	10,500
Outdoor Play Space Maintenance	1,750	4,250		750	3,500	1,750	1,750					
Planned Life-Cycle Asset Replacement (PLAR)	12,000	150,777	87,027	9,750	54,000	12,000	10,000	8,000	8,000	8,000	8,000	
Rehabilitation/Renovation of Closed Schools (RROCS)		116,220	91,574	21,065	3,581							
Relocatable Classrooms	5,000	63,061	43,061	5,000	15,000	5,000	5,000	5,000				
Restroom Renovations	5,000	38,775	14,025	2,250	22,500	5,000	3,500	3,500	3,500	3,500	3,500	
Roof Replacement/Moisture Protection Projects	15,500	118,151	45,151	9,500	63,500	15,500	12,000	9,000	9,000	9,000	9,000	
School Security	2,550	4,900			4,900	2,550	2,350					
Stormwater Discharge and Water Quality Management	616	11,628	7,316	616	3,696	616	616	616	616	616	616	
Technology Modernization	25,028	416,173	238,732	26,010	151,431	25,028	25,366	25,484	25,143	25,246	25,164	
Total Non-Recommended Reduction	340,736	3,567,490	1,519,296	283,722	1,743,512	308,975	301,014	286,061	274,040	299,708	273,714	20,960
Total Requested CIP	385,685	3,621,390	1,519,296	283,722	1,830,372	363,500	349,607	347,928	299,452	255,955	213,930	
Difference					-86,860	-54,525	-48,593	-61,867	-25,412	43,753	59,784	
OMB Affordability					-79,143	-52,865	-49,999	-63,010	-26,562	40,664	72,629	

Non-Recommended Reductions - Changes by Project

Bold Projects are changing in scope and/or timing

Changes by Project	Total Cost	Through FY18	Six Year	FY19	FY20	FY21	FY22	FY23	FY24	B6Y	Comment
Individual School Projects											
Ashburton ES Addition	0	0	0	0	0	0	0	0	0	0	
Lucy V. Barnsley ES Addition	0	0	0	0	0	0	0	0	0	0	
Bethesda-Chevy Chase HS Additic	0	0	0	0	0	0	0	0	0	0	
Burtonsville ES Addition	0	0	0	0	0	0	0	0	0	0	
Clarksburg Cluster ES #9 (New)	0	0	0	-1,192	-3,964	-16,708	9,590	12,274	0	0	Completion Delayed One Year
Clarksburg Cluster ES (New) (Clar	0	0	0	-1,000	1,000	0	0	0	0	0	Technical Adjustment
Cresthaven ES Addition (for JoAn	0	0	0	-339	-2,490	-1,725	1,810	2,744	0	0	Completion Delayed One Year
Crown HS (New)	0	0	-10,460	-2,522	-2,370	-7,047	-36,306	-16,999	54,784	10,460	Completion Delayed One Year
Diamond ES Addition	0	0	0	0	0	0	0	0	0	0	
DuFief ES Addition/Facility Upgra	0	0	0	-1,182	-3,052	-18,391	10,638	11,987	0	0	Completion Delayed One Year
East Silver Spring ES Addition (for	0	0	0	0	0	0	0	0	0	0	
Albert Einstein Cluster HS Solutio	0	0	0	0	0	0	0	0	0	0	
Blair Ewing Center Relocation	-4,900	0	-4,900	-302	402	-1,000	-2,000	-2,000	0	0	Completion Delayed One Year+Expenditures Reduced
Galthersburg ES Addition	0	0	0	-5,744	-6,702	-176	6,702	5,920	0	0	Scope changed to new school with later completion date
John F. Kennedy HS Addition	0	0	0	0	-1,000	0	-1,000	2,000	0	0	Technical Adjustment
Kensington Parkwood ES Additior	0	0	0	0	0	0	0	0	0	0	
Col. E. Brooke Lee MS Addition/Fi	0	0	0	0	-8,000	-9,500	7,500	10,000	0	0	Completion Delayed One Year
S. Christa McAuliffe ES Addition	0	0	0	-1,000	1,000	0	0	0	0	0	
Ronald McNair ES Addition	0	0	0	-512	-4,336	2,596	-1,539	3,791	0	0	Completion Delayed One Year
Montgomery Knolls ES Addition (i	0	0	0	-1,000	0	1,000	0	0	0	0	Technical Adjustment
Roscoe Nix ES Addition (for JoAn	0	0	0	-236	-1,545	-1,825	2,357	1,249	0	0	Completion Delayed One Year
North Bethesda MS Addition	0	0	0	0	0	0	0	0	0	0	
Northwood HS Addition/Facility L	0	0	0	-1,000	-3,000	0	-2,000	6,000	0	0	Technical Adjustment
Parkland MS Addition	0	0	0	-496	-3,536	-5,291	6,536	2,787	0	0	Completion Delayed One Year
Pine Crest ES Addition (for Forest	0	0	0	0	0	0	0	0	0	0	
Piney Branch ES Addition	0	0	0	0	0	0	0	0	0	0	
Thomas W. Pyle MS Addition	0	0	0	0	0	-3,000	3,000	0	0	0	Technical Adjustment
Judith Resnik ES Addition	0	0	0	0	0	0	0	0	0	0	
Silver Spring International MS Adi	0	0	0	0	-4,000	-4,000	5,000	3,000	0	0	Technical Adjustment
Takoma Park MS Addition	0	0	0	0	0	0	0	0	0	0	
Walt Whitman HS Addition	0	0	0	0	0	-2,000	2,000	0	0	0	Technical Adjustment
Woodlin ES Addition	0	0	0	0	0	-1,300	-700	2,000	0	0	Technical Adjustment
Woodward HS Reopening	0	0	0	0	0	0	-20,000	7,000	13,000	0	Technical Adjustment

Non-Recommended Reductions - Changes by Project

Bold Projects are changing in scope and/or timing

Changes by Project	Total	Through									
Countywide Projects											
ADA Compliance: MCPS	0	0	0	0	0	0	0	0	0	0	
Asbestos Abatement	0	0	0	0	0	0	0	0	0	0	
Building Modifications and Progr	0	0	0	0	0	0	0	0	0	0	
Current Revitalizations/Expansior	0	0	0	-26,000	5,000	19,000	2,000	0	0	0	Technical Adjustment
Design and Construction Manage	0	0	0	0	0	0	0	0	0	0	
Facility Planning: MCPS	0	0	0	0	0	0	0	0	0	0	
Fire Safety Upgrades	0	0	0	0	0	0	0	0	0	0	
HVAC Replacement/IAQ Projects	-30,000	0	-30,000	0	-5,000	-7,500	-7,500	-5,000	-5,000	0	Cost Reduction from BOE Request
Improved (Safe) Access to School	0	0	0	0	0	0	0	0	0	0	
Land Acquisition	-12,000	0	-12,000	-12,000	0	0	0	0	0	0	Costs from this new project removed
Major Capital Projects	0	0	-10,500	0	0	-2,000	-8,500	0	0	10,500	Some costs moved out of the six-year period
Outdoor Play Space Maintenance	0	0	0	0	0	0	0	0	0	0	
Planned Life-Cycle Asset Replace	-4,000	0	-4,000	0	-2,000	-500	-500	-500	-500	0	Cost Reduction from BOE Request
Rehabilitation/Renovation of Clo	0	0	0	0	0	0	0	0	0	0	
Relocatable Classrooms	0	0	0	0	0	0	0	0	0	0	
Restroom Renovations	-7,500	0	-7,500	0	-1,500	-1,500	-1,500	-1,500	-1,500	0	Cost Reduction from BOE Request
Roof Replacement/Moisture Prote	-7,500	0	-7,500	0	-3,500	-1,000	-1,000	-1,000	-1,000	0	Cost Reduction from BOE Request
School Security	0	0	0	0	0	0	0	0	0	0	
Stormwater Discharge and Water	0	0	0	0	0	0	0	0	0	0	
Technology Modernization	0	0	0	0	0	0	0	0	0	0	
Total Changes	-65,900	0	-86,860	-54,525	-48,593	-61,867	-25,412	43,753	59,784	20,960	

Board of Education's Requested FY 2019-2024 CIP
Current Rev/Ex Schedule (with expenditure shifts for non-recommended reductions)

	School	FY 19 Approp.	Comp Date	Total Project	Prior Years Expend.	Six-Year Total	FY 2019	FY 2020	FY 2021	FY 2022	FY 2017	FY 2018	Beyond
	Wheaton HS/Edison Tech		8/18	204,549	164,911	39,638	39,638						
	Seneca Valley HS	8,138	8/19	155,621	23,345	132,276	30,925	23,901	47,450	30,000			
	Potomac ES	1,004	1/20	30,391	9,478	20,913	11,558	9,355					
	Maryvale ES/Sandburg Learning Ctr.	4,765	1/20	62,054	13,320	48,734	16,736	19,941	12,057				
	Luxmanor ES	989	1/20	29,190	9,248	19,942	10,700	9,242					
	Tilden MS @ Tilden Center*	77,579	8/20	88,647	10,699	77,948	18,864	30,030	29,054				
	Current Rev/Ex	92,475		570,452	231,001	339,451	128,421	92,469	88,561	30,000	0	0	0

(5)

Review of Utilization at Capacity Projects Included in the Non-Recommended Reductions Scenario

Clarksburg Cluster Elementary School Capacity Review								
	FY19	FY20	FY21	FY22	FY23	FY24	2027	2032
Approved Cluster Capacity	3,646	4,387	4,387	4,387	4,387	4,387	4,387	4,387
Enrollment	4,166	4,309	4,365	4,472	4,531	4,573	4,800	5,200
Space Available (deficit)	(520)	78	22	(85)	(144)	(186)	(413)	(813)
Utilization	114.3%	98.2%	99.5%	101.9%	103.3%	104.2%	109.4%	118.5%
Clarksburg Cluster ES #9								
				740	740	740	740	740
Space Available (deficit) after additions	(520)	78	22	655	596	554	327	(73)
Utilization after additions	114.3%	98.2%	99.5%	87.2%	88.4%	89.2%	93.6%	101.4%
<p>Comment: The Clarksburg Cluster ES #9 project is requested to begin design in FY19. Without the school, the cluster will be over by 104% by FY24. Clarksburg ES (Clarksburg Village #2) is opening in FY20 and will provide sufficient space for the cluster as a whole.</p> <p>Individual School Issues:</p> <p>Cedar Grove ES without #9: Not in moratorium, 32 seat deficit although at 122.5% utilization (since it is a small school),</p> <p>Clarksburg ES without #9: In moratorium, 277 seat deficit and at 188.5% utilization</p> <p>Capt. James E. Daly ES without #9: Not in moratorium, 98 seat deficit, 118.9% utilization</p> <p>Wilson Wims ES without #9: Not in moratorium, 59 seat deficit, 112.4% utilization</p> <p>Council Staff Recommendation: With new ES opening in FY20, the cluster overall is okay in FY24. However, Clarksburg ES would go into moratorium without the new Clarksburg Cluster ES #9 opening in FY22 unless further boundary changes are considered. Enrollment is expected to continue to rise in the Cluster so #9 will ultimately be needed.</p>								

JoAnn Leleck ES at Broad Acres								
	FY19	FY20	FY21	FY22	FY23	FY24	2027	2032
Approved Capacity	715	715	715	715	715	715	715	715
Enrollment	838	849	834	823	815	819	-	-
Space Available (deficit)	(123)	(134)	(119)	(108)	(100)	(104)	-	-
Utilization	117.2%	118.7%	116.6%	115.1%	114.0%	114.5%	0.0%	0.0%
Cresthaven ES Addition								
				184	184	184		
Roscoe Nix ES Addition								
				233	233	233		
Space Available (deficit) after additions	(123)	(134)	(119)	309	317	313		
Utilization after additions	117.2%	118.7%	116.6%	72.7%	72.0%	72.3%	0.0%	0.0%
<p>Comment: Leleck ES would be at 114.5% without moving students to Cresthaven (3-5) and Nix (K-2). The combined seats added appears higher than needed.</p> <p>Council Staff Recommendation: Enrollment at Leleck ES is high but not as high as other higher priorities. Both projects could be deferred if needed.</p>								

Crown Farm High School	FY19	FY20	FY21	FY22	FY23	FY24			FY24
Projected Space (Deficit)	2018-19	2019-20	2020-21	2021-22	2022-23	2018-24	2027	2032	Utilization
- Gaithersburg HS	(46)	(88)	(112)	(189)	(256)	(343)	(557)	(847)	114.3%
- Richard Montgomery HS	(290)	(348)	(360)	(309)	(382)	(432)	(494)	(604)	119.3%
- Northwest HS*	(337)	(386)	(165)	(122)	(121)	(96)	(160)	(200)	104.3%
- Quince Orchard HS	(254)	(302)	(214)	(212)	(275)	(303)	(293)	(313)	116.5%
- Wootton HS	(10)	(24)	(28)	(120)	(180)	(124)	(291)	(451)	105.7%
Total Excess Capacity (Deficit)	(937)	(1,148)	(879)	(952)	(1,214)	(1,298)	(1,795)	(2,415)	
<p>Comment: Gaithersburg, Quince Orchard, and especially Richard Montgomery are in need of relief and the deficit gets worse over time.</p> <p>High priority project</p> <p>*The Draft SSP Test assumes Seneca Valley Rev Ex provides relief (289 seats) to Northwest HS.</p>									

Dufief ES Addition/Facility Upgrade (to relieve Rachel Carson ES)								
	FY19	FY20	FY21	FY22	FY23	FY24		
	2018-19	2019-20	2020-21	2021-22	2022-23	2018-24	2027	2032
- Rachel Carson Current Capacity	691	691	691	691	691	691		
- Enrollment	986	985	984	998	1,011	1,010		
- Space Available	(295)	(294)	(293)	(307)	(320)	(319)		
- School Utilization w/o Boundary Change	142.7%	142.5%	142.4%	144.4%	146.3%	146.2%		
- Space Available at Dufief at current capacity	110	122	126	128	131	129		
- Capacity Added by Dufief Addition				326	326	326		
Move Students from Rachel Carson to Dufief								
Space Available after Boundary Change	(295)	(294)	(293)	385	385	385		
School Utilization after Boundary Change	142.7%	142.5%	142.4%	88.7%	90.6%	90.4%		
- Dufief ES Capacity	414	414	414	740	740	740		
- Enrollment w/o Boundary Change	304	292	288	286	283	285		
- Space Available w/o Boundary Change	110	122	126	454	457	455		
- School Utilization w/o Boundary Change	73.4%	70.5%	69.6%	38.6%	38.2%	38.5%		
- Space Available after Boundary Change	110	122	126	128	131	129		
- School Utilization after Boundary Change	73.4%	70.5%	69.6%	90.7%	90.3%	90.5%		
<p>Comment: Rachel Carson is severely overutilized without relief. The Dufief addition and move of 385 students from Rachel Carson to Dufief results in 90% utilization at both schools. High priority.</p>								

Ronald McNair ES Addition (Northwest)	FY19 2018-19	FY20 2019-20	FY21 2020-21	FY22 2021-22	FY23 2022-23	FY24 2018-24
- Current Capacity	646	646	646	646	646	646
- Enrollment	818	807	793	783	803	803
- Space Available	(172)	(161)	(147)	(137)	(157)	(157)
- School Utilization w/o Addition	126.6%	124.9%	122.8%	121.2%	124.3%	124.3%
- Space Added				124	124	124
- School Utilization with Addition	126.6%	124.9%	122.8%	101.7%	104.3%	104.3%
- Cluster Utilization (BOE Proposed)	107.5%	105.9%	105.5%	101.1%	101.5%	101.6%

Comment: McNair ES utilization is above 120% (moratorium) without an addition. High priority. The cluster as a whole is okay. Clopper Mill ES is also edging toward moratorium in the six-year period, but no project is requested for that school at this time.

Parkland MS Addition	FY19 2018-19	FY20 2019-20	FY21 2020-21	FY22 2021-22	FY23 2022-23	FY24 2018-24	2027	2032
- Current Capacity	948	948	948	948	948	948	948	948
- Enrollment	1,087	1,154	1,163	1,148	1,126	1,127	1,150	1,170
- Space Available	(139)	(206)	(215)	(200)	(178)	(179)	(202)	(222)
- School Utilization w/o Addition	114.7%	121.7%	122.7%	121.1%	118.8%	118.9%	121.3%	123.4%
- Space Added				255	255	255	255	255
- School Utilization with Addition	114.7%	121.7%	122.7%	95.4%	93.6%	93.7%	95.6%	97.3%
- Kennedy Cluster Utilization (current capacity)						117.5%		
- Wheaton Cluster Utilization (current capacity)						106.0%		
- Downcounty Consortium (current capacity)						104.8%		

Comment: Parkland MS is shared between two high school clusters. The Kennedy Cluster's utilization will approach 120% over the six-year period. The Wheaton Cluster is lower but still over 100%. Parkland's utilization is projected to exceed 120% without the addition. High priority.

Col. E. Brooke Lee MS Addition/Facility Upgrade	FY19 2018-19	FY20 2019-20	FY21 2020-21	FY22 2021-22	FY23 2022-23	FY24 2018-24	2027	2032
- Current Capacity	727	727	727	727	727	727	727	727
- Enrollment	813	877	965	992	985	973	1,150	1,310
- Space Available	(86)	(150)	(238)	(265)	(258)	(246)	(423)	(583)
- School Utilization w/o Addition	111.8%	120.6%	132.7%	136.5%	135.5%	133.8%	158.2%	180.2%
- Space Added				478	478	478	478	478
- School Utilization with Addition	111.8%	120.6%	132.7%	82.3%	81.7%	80.7%	95.4%	108.7%
- Kennedy Cluster Utilization (current capacity)						117.5%		
- Northwood Cluster Utilization (current capacity)						115.5%		
- Downcounty Consortium (current capacity)						104.8%		

Comment: Lee would be severely overutilized and in moratorium without additional space added. Other consortium MS space is not available and getting worse over time. High priority.

Review of Utilization at Downcounty Consortium High Schools

Blair High School								
	FY19	FY20	FY21	FY22	FY23	FY24	2027	2032
Approved Capacity	2,920	2,920	2,920	2,920	2,920	2,920	2,920	2,920
Enrollment	3,168	3,423	3,379	3,446	3,587	3,616	4,030	4,500
Space Available (deficit)	(248)	(503)	(459)	(526)	(667)	(696)	(1,110)	(1,580)
Utilization	108.5%	117.2%	115.7%	118.0%	122.8%	123.8%	138.0%	154.1%

If Approved Solution Project is Continued					135	135	135	135
Space Available (Deficit) after new projects	(248)	(503)	(459)	(526)	(532)	(561)	(975)	(1,445)
Utilization after addition	108.5%	117.2%	115.7%	118.0%	117.4%	118.4%	131.9%	147.3%

Comment: Without additional capacity, the Blair Cluster will go into moratorium. Approved solution project needs to remain in place unless space from Woodward HS reopening or Northwood HS addition/facility upgrade is allocated to Blair High School. Continued growth projected beyond the six-year period.

Albert Einstein HS Cluster Solution								
	FY19	FY20	FY21	FY22	FY23	FY24	2027	2032
Approved Capacity	1,612	1,612	1,612	1,612	1,612	1,612	1,612	1,612
Enrollment	1,824	1,942	2,039	2,147	2,226	2,260	2,660	3,100
Space Available (deficit)	(212)	(330)	(427)	(535)	(614)	(648)	(1,048)	(1,488)
Utilization	113.2%	120.5%	126.5%	133.2%	138.1%	140.2%	165.0%	192.3%

Albert Einstein Cluster HS Solution (14 classrooms)					350	350	350	350
Space Available (Deficit) after new projects	(212)	(330)	(427)	(535)	(264)	(298)	(698)	(1,138)
Utilization after addition	113.2%	120.5%	126.5%	133.2%	113.5%	115.2%	135.6%	158.0%

Comment: Without the solution project, Einstein High School would have severe overcrowding and be in moratorium. Continued growth projected beyond the six-year period.

Kennedy High School								
	FY19	FY20	FY21	FY22	FY23	FY24	2027	2032
Approved Capacity	1,816	1,816	1,816	1,816	1,816	1,816	1,816	1,816
Enrollment	1,789	1,850	1,951	2,052	2,124	2,171	2,520	2,920
Space Available (deficit)	27	(34)	(135)	(236)	(308)	(355)	(704)	(1,104)
Utilization	98.5%	101.9%	107.4%	113.0%	117.0%	119.5%	138.8%	160.8%

Kennedy HS Addition (18 classrooms)					405	405	405	405
Space Available (Deficit) after new projects	27	(34)	(135)	(236)	97	50	(299)	(699)
Utilization after addition	98.5%	101.9%	107.4%	113.0%	95.6%	97.7%	113.5%	131.5%

Comment: Without an addition, Kennedy High School will near 120% utilization by the end of the six-year period and growth is expected to continue beyond six-years. With the addition, Kennedy's utilization will drop to 97.7%. High priority.

Northwood High School								
	FY19	FY20	FY21	FY22	FY23	FY24	2027	2032
Approved Capacity	1,517	1,517	1,517	1,517	1,517	1,517	1,517	1,517
Enrollment	1,824	1,846	1,913	1,963	2,008	2,142	2,340	2,650
Space Available (deficit)	(307)	(329)	(396)	(446)	(491)	(625)	(823)	(1,133)
Utilization	120.2%	121.7%	126.1%	129.4%	132.4%	141.2%	154.3%	174.7%

Northwood HS Addition/Facility Upgrades (timing?)						1,183	1,183	1,183
Space Available (Deficit) after new projects	(307)	(329)	(396)	(446)	(491)	558	360	50
Utilization after addition	120.2%	121.7%	126.1%	129.4%	132.4%	79.3%	86.7%	98.1%

Comment: Without the addition, Northwood High School would have severe overcrowding. However, MCPS has not indicated when the new capacity from the addition project will come on-line. Without that certainty, the cluster will go into moratorium.

Wheaton High School								
	FY19	FY20	FY21	FY22	FY23	FY24	2027	2032
Approved Capacity	2,279	2,279	2,279	2,279	2,279	2,279	2,279	2,279
Enrollment	2,067	2,124	2,109	2,092	2,113	2,138	2,160	2,210
Space Available (deficit)	212	155	170	187	166	141	119	69
Utilization	90.7%	93.2%	92.5%	91.8%	92.7%	93.8%	94.8%	97.0%

ACTION

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

March 22, 2018

MEMORANDUM

To: Members of the Board of Education

From: Jack R. Smith, Superintendent of Schools

Subject: Superintendent's Recommendation for the Gaithersburg Cluster Elementary School Site Selection

Elementary school student enrollment growth continues in the Gaithersburg Cluster, and therefore, several schools exceed their program capacities—Gaithersburg, Rosemont, Strawberry Knoll, Summit Hall, and Washington Grove elementary schools. In the 2014–2015 school year, a Gaithersburg Cluster Elementary School Capacity Study was conducted to determine whether additions to cluster schools could address the projected space deficits. Along with additions to existing schools, a new elementary school also was considered.

On October 15, 2015, the *Findings of the Gaithersburg Cluster Elementary School Capacity Study* was released. The report concluded that challenges existed with both approaches—additions or a new school—including concerns regarding future student enrollment, size of schools, and potential reassignment of students. As a result, a Tri-Cluster Roundtable Discussion Group (Roundtable) for the Gaithersburg, Col. Zadok Magruder, and Thomas S. Wootton clusters was formed. This Roundtable reviewed school student enrollments, utilization levels, and facility options at the three adjacent clusters to more broadly address student enrollment growth and space deficits in the Gaithersburg Cluster.

On April 19, 2016, the Board of Education approved the following recommendations for the elementary schools in the Gaithersburg Cluster that stemmed from the Roundtable.

- Gaithersburg Elementary School—Construct an addition to be completed September 2020.
- Rosemont and Strawberry Knoll elementary schools—Monitor student enrollment.
- Summit Hall Elementary School—Address overutilization through the future revitalization/expansion, and in the short-term, replace the six older relocatable classrooms with new units or modular classrooms.
- Washington Grove Elementary School—Conduct a boundary study in spring 2017 to reassign the portion of the Shady Grove Sector Plan within the Gaithersburg Cluster service area to Col. Zadok Magruder Cluster schools.

With respect to the addition at Gaithersburg Elementary School, a feasibility study was conducted and revealed several site and programmatic challenges. Based on the challenges identified, as well as the absence of a solution in the approved Capital Improvements Program to address the overutilization at Rosemont and Strawberry Knoll elementary schools, the Board of Education, on August 31, 2017, approved that a Site Selection Advisory Committee convene to evaluate potential elementary school sites in the Gaithersburg Cluster that could address the overutilization at the elementary schools in the cluster. A Site Selection Advisory Committee was formed in November 2017, and its report was posted online for public comment. Based on my review of the Site Selection Advisory Committee report and the public comments, I provided my recommendation to the Board of Education on February 26, 2018. I recommend the following resolution for Board of Education approval.

WHEREAS, The Site Selection Advisory Committee met in November and December 2017, and reviewed 10 publicly owned sites and 4 privately owned sites; and

WHEREAS, The Site Selection Advisory Committee recommended the Kelley Park site, currently owned by the City of Gaithersburg, to be the location of a new Gaithersburg Cluster elementary school; and

WHEREAS, On February 26, 2018, the superintendent of schools released his recommendation in support of the Kelley Park site as the location for the new Gaithersburg Cluster Elementary School; and

WHEREAS, The site is centrally located in the Gaithersburg Cluster with a sidewalk system that connects surrounding neighborhoods, which promotes walkability to school; and

WHEREAS, The superintendent of schools' recommendation includes utilizing the funds currently allocated to the Gaithersburg Elementary School addition project in the *Board of Education Requested FY 2019 Capital Budget and the FY 2019–2024 Capital Improvements Program*, for the new elementary school; and

WHEREAS, The funding for this project will be adjusted in fall 2018 as part of the amended Capital Improvements Program process upon completion of a feasibility study; and

WHEREAS, The expenditure schedule and project description currently included in the *Board of Education Requested FY 2019 Capital Budget and the FY 2019–2024 Capital Improvements Program* needs to be revised, as indicated in Attachment A, to reflect the changes in the project scope; now therefore be it

Resolved, That the Board of Education approve the City of Gaithersburg-owned Kelley Park site, as indicated on the map (Attachment B), as the next elementary school in the Gaithersburg Cluster; and be it further

Resolved, That the Board of Education approve the revised project description form for the new Gaithersburg Cluster Elementary School as indicated in Attachment A; and be it further

Resolved, That a copy of this resolution be transmitted to the county executive and the County Council for their consideration.

JRS:AMZ:JS:lmr

Attachments



Gaithersburg Cluster Elementary School #8
Gaithersburg ES Addition
 (P651518)

Category	Montgomery County Public Schools	Date Last Modified	11/27/17
SubCategory	Individual Schools	Administering Agency	Public Schools
Planning Area	Gaithersburg and Vicinity	Status	Planning Stage

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
Planning, Design and Supervision	7,784	2,000	1,872	3,912	1,210	2,552	150	-	-	-	-
Site Improvements and Utilities	3,627	-	-	3,627	-	-	2,327	1,300	-	-	-
Construction	13,264	-	-	13,264	-	-	3,267	4,077	5,920	-	-
Other	1,325	-	-	1,325	-	-	-	1,325	-	-	-
TOTAL EXPENDITURES	26,000	2,000	1,872	22,128	1,210	2,552	5,744	6,702	5,920	-	-

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
G.O. Bonds	24,839	1,498	1,213	22,128	1,210	2,552	5,744	6,702	5,920	-	-
School Facilities Payment	1,161	502	659	-	-	-	-	-	-	-	-
TOTAL FUNDING SOURCES	26,000	2,000	1,872	22,128	1,210	2,552	5,744	6,702	5,920	-	-

OPERATING BUDGET IMPACT (\$000s)

Impact Type	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24
Maintenance	136	-	-	-	-	68	68
Energy	50	-	-	-	-	25	25
NET IMPACT	186	-	-	-	-	93	93

APPROPRIATION AND EXPENDITURE DATA (\$000s)

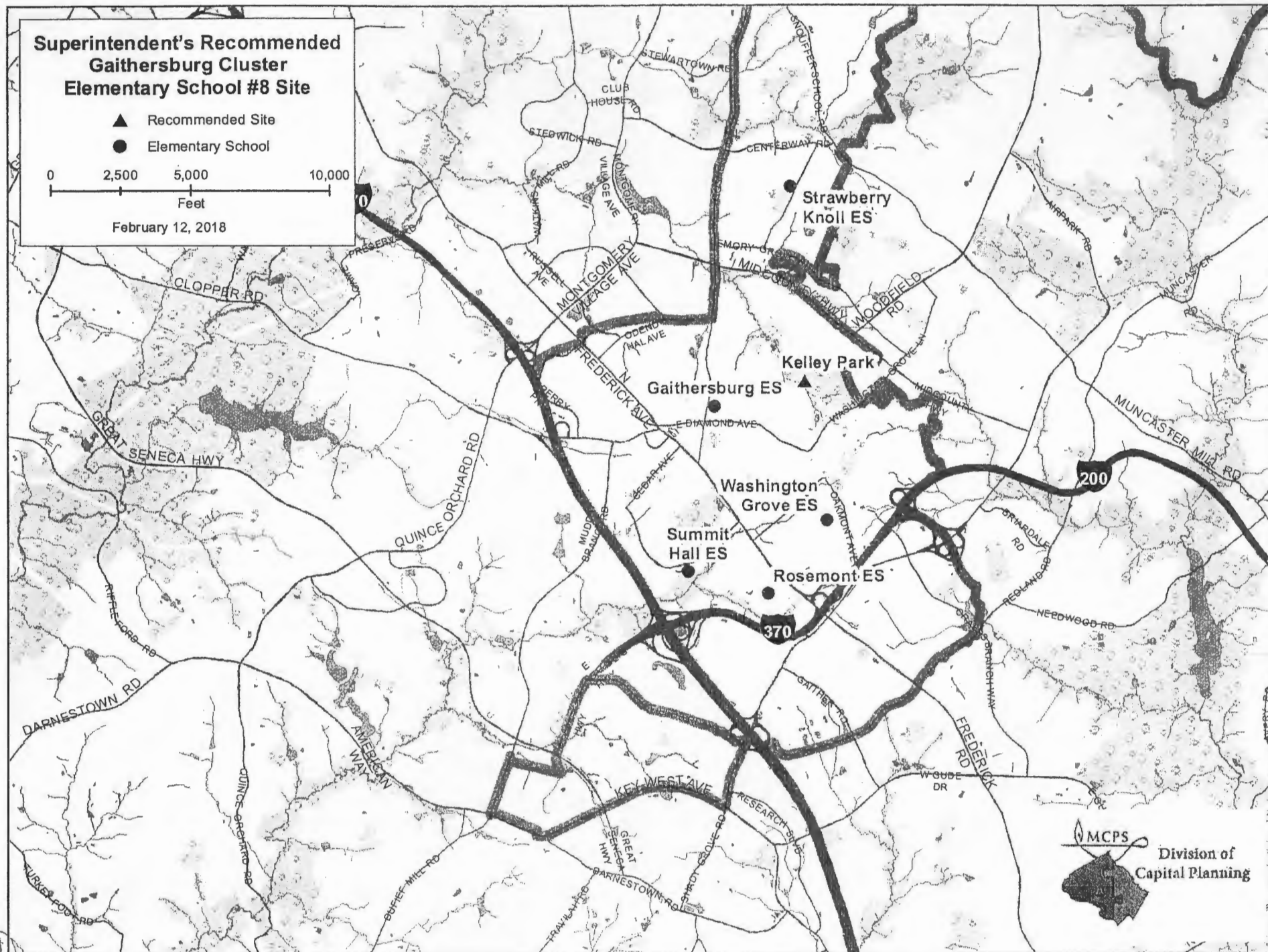
Appropriation FY 19 Request	3,687	Year First Appropriation	FY16
Appropriation FY 20 Request		Last FY's Cost Estimate	26,000
Cumulative Appropriation	4,097		
Expenditure / Encumbrances	-		
Unencumbered Balance	4,097		

Project Description

Enrollment projections at Gaithersburg Elementary School reflect a need for an addition. Gaithersburg Elementary School has a program capacity for 771 students. Enrollment is expected to reach 970 students by the 2021-2022 school year. A Tri-cluster

Roundtable Discussion Group process was conducted to explore options to relieve the overutilization in Gaithersburg Cluster elementary schools. On April 19, 2016, the Board of Education approved an addition project at Gaithersburg Elementary School and also approved the replacement of relocatable classrooms at Summit Hall Elementary School by the 2017-2018 school year. An FY 2017 appropriation was approved to begin planning at both schools. An FY 2019 appropriation is requested for construction funding for this addition project. The addition project is scheduled to be completed September 2020.

Elementary school student enrollment growth continues in the Gaithersburg Cluster and, therefore, several schools exceed their program capacities—Gaithersburg, Rosemont, Strawberry Knoll, Summit Hall, and Washington Grove elementary schools. In April 2017, the Board of Education approved the construction of an addition at Gaithersburg Elementary School. A feasibility study was conducted for the addition at Gaithersburg Elementary School and revealed a number of challenges. Based on those challenges, as well as the absence of a solution in the approved CIP to address the overutilization at Rosemont and Strawberry Knoll elementary schools, the Board of Education, on August 31, 2017, approved that a Site Selection Advisory Committee convene to evaluate potential elementary school sites in the Gaithersburg Cluster. On February 26, 2018, the superintendent of school supported the Site Selection Advisory Committee recommendation and recommended the City of Gaithersburg Kelley Park site as the location for the new Gaithersburg Cluster Elementary School. On March 22, 2018, the Board of Education approved the superintendent of schools recommendation for a new elementary school in the Gaithersburg Cluster. It is likely that funding for this project will be adjusted next fall as part of the Amended FY 2019-2024 CIP process. An FY 2019 appropriation is requested to begin the planning for this new school. This new school is scheduled to be completed September 2022.



DRAFT

Subdivision Staging Policy FY 2019 School Test: Cluster Utilization in 2023-2024 Reflects Superintendent's recommended FY 2019 Capital Budget and FY 2019-2024 Capital Improvements Program (CIP)

Elementary School Test: Percent Utilization >120% = Moratorium

Cluster Area	Projected August 2023 Enrollment	100% MCPS Program Capacity With CIP Requested FY 2019-2024 CIP	Cluster Percent Utilization in 2023-2024 School Year	School Test Result Capacity is:	Cluster is?
Bethesda-Chevy Chase	3,690	3,813	96.8%	Adequate	Open
Montgomery Blair	4,724	4,987	94.7%	Adequate	Open
James Hubert Blake	2,927	2,745	106.6%	Adequate	Open
Winston Churchill	2,396	2,849	84.1%	Adequate	Open
Clarksburg ¹	4,573	3,646	125.4%	Inadequate	Open Conditionally
Damascus	2,116	2,154	98.2%	Adequate	Open
Albert Einstein	2,953	3,037	97.2%	Adequate	Open
Gaithersburg	4,700	4,140	113.5%	Adequate	Open
Walter Johnson	4,586	4,541	101.0%	Adequate	Open
John F. Kennedy	3,159	3,164	99.8%	Adequate	Open
Col. Zadok Magruder	2,570	2,646	97.1%	Adequate	Open
Richard Montgomery	2,875	3,015	95.4%	Adequate	Open
Northwest	3,955	3,894	101.6%	Adequate	Open
Northwood	3,406	3,038	112.1%	Adequate	Open
Paint Branch	2,603	2,439	106.7%	Adequate	Open
Poolesville	524	758	69.1%	Adequate	Open
Quince Orchard	3,149	2,908	108.3%	Adequate	Open
Rockville	2,700	2,517	107.3%	Adequate	Open
Seneca Valley	2,189	2,396	91.4%	Adequate	Open
Sherwood	2,111	2,487	84.9%	Adequate	Open
Springbrook	2,985	3,200	93.3%	Adequate	Open
Watkins Mill	2,842	2,777	102.3%	Adequate	Open
Wheaton	2,954	3,439	85.9%	Adequate	Open
Walt Whitman	2,410	2,539	94.9%	Adequate	Open
Thomas S. Wootton	2,583	3,504	73.7%	Adequate	Open

¹Capacity relief to be provided by the opening of Clarksburg Village ES #2 and 14 classroom placeholder addition projects at Clarksburg and Cedar Grove Elementary Schools

Subdivision Staging Policy FY 2019 School Test Draft: Cluster Utilizations in 2023-2024 Reflects Superintendent's recommended FY 2019 Capital Budget and FY 2019-2024 Capital Improvements Program (CIP)

Middle School Test: Percent Utilization > 120% = Moratorium

Cluster Area	Projected August 2023 Enrollment	100% MCPS Program Capacity With CIP Requested FY 2019-2024 CIP	Cluster Percent Utilization in 2023-2024 School Year	School Test Result Capacity is:	Cluster is?
Bethesda-Chevy Chase	1,803	2,024	89.1%	Adequate	Open
Montgomery Blair	2,695	2,773	97.2%	Adequate	Open
James Hubert Blake	1,485	1,547	96.0%	Adequate	Open
Winston Churchill	1,358	1,794	75.7%	Adequate	Open
Clarksburg	2,168	2,164	100.2%	Adequate	Open
Damascus	1,048	1,023	102.5%	Adequate	Open
Albert Einstein	1,311	1,475	88.9%	Adequate	Open
Gaithersburg	2,073	1,894	109.5%	Adequate	Open
Walter Johnson	2,333	2,429	96.0%	Adequate	Open
John F. Kennedy	1,861	1,877	99.1%	Adequate	Open
Col. Zadok Magruder	1,254	1,611	77.8%	Adequate	Open
Richard Montgomery	1,298	1,462	88.8%	Adequate	Open
Northwest	2,143	2,300	93.2%	Adequate	Open
Northwood	1,657	1,846	89.7%	Adequate	Open
Paint Branch	1,213	1,282	94.6%	Adequate	Open
Poolesville	255	468	54.5%	Adequate	Open
Quince Orchard	1,333	1,643	81.1%	Adequate	Open
Rockville	989	936	105.7%	Adequate	Open
Seneca Valley	1,161	1,336	86.9%	Adequate	Open
Sherwood	1,167	1,458	80.1%	Adequate	Open
Springbrook	1,192	1,168	102.0%	Adequate	Open
Watkins Mill	1,313	1,330	98.7%	Adequate	Open
Wheaton	1,526	1,593	95.8%	Adequate	Open
Walt Whitman	1,336	1,502	88.9%	Adequate	Open
Thomas S. Wootton	1,315	1,521	86.5%	Adequate	Open

Subdivision Staging Policy FY 2019 School Test Draft: Cluster Utilizations in 2023-2024
Reflects Superintendent's recommended FY 2019 Capital Budget and FY 2019-2024 Capital Improvements Program (CIP)

High School Test: Percent Utilization >120% = Moratorium

Cluster Area	Projected August 2024 Enrollment	2009 MCPS Program Capacity With BOE Requested FY 2019-2024 CIP	Cluster Percent Utilization in 2023-2024 School Year	School Test Result Capacity	Cluster as of 2024
Bethesda-Chevy Chase	2,463	2,407	102.3%	Adequate	Open
Montgomery Blair ¹	3,616	2,920	123.8%	Inadequate	Open Conditionally
James Hubert Blake	1,862	1,743	106.8%	Adequate	Open
Winston Churchill	2,031	1,986	102.3%	Adequate	Open
Clarksburg ²	2,896	2,034	142.4%	Inadequate	Open Conditionally
Damascus	1,324	1,556	85.1%	Adequate	Open
Albert Einstein ³	2,260	1,612	140.2%	Inadequate	Open Conditionally
Gaithersburg	2,736	2,393	114.3%	Adequate	Open
Walter Johnson ⁴	3,118	2,330	133.8%	Inadequate	Moratorium
John F. Kennedy	2,171	2,221	97.7%	Adequate	Open
Col. Zadok Magruder	1,862	1,950	95.5%	Adequate	Open
Richard Montgomery	2,668	2,236	119.3%	Adequate	Open
Northwest	2,626	2,241	117.2%	Adequate	Open
Northwood ⁵	2,142	1,517	141.2%	Inadequate	Open Conditionally
Paint Branch	2,189	2,020	108.4%	Adequate	Open
Poolesville	1,194	1,170	102.1%	Adequate	Open
Quince Orchard	2,140	1,837	116.5%	Adequate	Open
Rockville	1,742	1,566	111.2%	Adequate	Open
Seneca Valley	1,462	2,423	60.3%	Adequate	Open
Sherwood	2,054	2,188	93.9%	Adequate	Open
Springbrook	1,994	2,121	94.0%	Adequate	Open
Watkins Mill	2,009	1,915	104.9%	Adequate	Open
Wheaton	2,138	2,279	93.8%	Adequate	Open
Walt Whitman	2,129	2,397	88.8%	Adequate	Open
Thomas S. Wootton	2,283	2,159	105.7%	Adequate	Open

¹6 classroom placeholder addition project reduces utilization to 118.4%

²Capacity relief to be provided by the approved capital project at Seneca Valley HS

³14 classroom placeholder addition project reduces utilization to 117.3%

⁴10 classroom placeholder addition project reduces utilization to 122.4%

⁵16 classroom placeholder addition project reduces utilization to 114.1%

DRAFT

Subdivision Staging Policy FY 2019 School Test: Elementary School Utilization in 2023-2024 Reflects Superintendent's recommended FY 2019 Capital Budget and FY 2019-2024 Capital Improvements Program (CIP)

Elementary School Test: Percent Utilization >120% and 110 Seat Deficit = Moratorium

			FY 2019-2024 CIP	2023-2024	Capacity	Utilization
Bethesda-Chevy Chase	Bethesda	699	560	124.8%	Inadequate	Moratorium
Bethesda-Chevy Chase	Chevy Chase	425	473	89.9%	Adequate	Open
Bethesda-Chevy Chase	North Chevy Chase	301	358	84.1%	Adequate	Open
Bethesda-Chevy Chase	Rock Creek Forest	728	709	102.7%	Adequate	Open
Bethesda-Chevy Chase	Rosemary Hills	552	661	83.5%	Adequate	Open
Bethesda-Chevy Chase	Somerset	654	515	127.0%	Inadequate	Moratorium
Bethesda-Chevy Chase	Westbrook	331	537	61.6%	Adequate	Open
Montgomery Blair	East Silver Spring	503	640	78.6%	Adequate	Open
Montgomery Blair	Montgomery Knolls	530	681	77.8%	Adequate	Open
Montgomery Blair	New Hampshire Estates	462	475	97.3%	Adequate	Open
Montgomery Blair	Oak View*	411	335	122.7%	Adequate	Open
Montgomery Blair	Pine Crest	471	588	80.1%	Adequate	Open
Montgomery Blair	Piney Branch	664	726	91.5%	Adequate	Open
Montgomery Blair	Rolling Terrace	849	747	113.7%	Adequate	Open
Montgomery Blair	Takoma Park	661	629	105.1%	Adequate	Open
James Hubert Blake	Burnt Mills	575	392	146.7%	Inadequate	Moratorium
James Hubert Blake	Cloverly	504	444	113.5%	Adequate	Open
James Hubert Blake	Fairland	605	648	93.4%	Adequate	Open
James Hubert Blake	Jackson Road	696	699	99.6%	Adequate	Open
James Hubert Blake	William T. Page	433	384	112.8%	Adequate	Open
James Hubert Blake	Sherwood	432	547	79.0%	Adequate	Open
James Hubert Blake	Stonegate	523	372	140.6%	Inadequate	Moratorium
Winston Churchill	Bells Mill	597	626	95.4%	Adequate	Open
Winston Churchill	Beverly Farms	518	690	75.1%	Adequate	Open
Winston Churchill	Potomac	427	472	90.5%	Adequate	Open
Winston Churchill	Seven Locks	385	425	90.6%	Adequate	Open
Winston Churchill	Wayside	459	636	73.7%	Adequate	Open
Clarksburg	Cedar Grove ¹	622	418	148.8%	Inadequate	Open Conditionally
Clarksburg	Clarksburg ²	589	312	188.8%	Inadequate	Open Conditionally
Clarksburg	Captain James Daly	616	518	118.9%	Adequate	Open
Clarksburg	Fox Chapel	626	683	91.7%	Adequate	Open
Clarksburg	William B. Gibbs, Jr.	754	730	103.3%	Adequate	Open
Clarksburg	Little Bennett	611	624	97.9%	Adequate	Open
Clarksburg	Wilson Wims ³	1,399	752	186.0%	Inadequate	Open Conditionally
Damascus	Cedar Grove	622	418	148.8%	Adequate	Open
Damascus	Clearspring	648	642	100.9%	Adequate	Open
Damascus	Damascus	382	351	108.8%	Adequate	Open
Damascus	Lois P. Rockwell	458	536	87.3%	Adequate	Open
Damascus	Woodfield	282	399	70.7%	Adequate	Open
Albert Einstein	Highland	575	535	107.5%	Adequate	Open
Albert Einstein	Oakland Terrace	471	526	89.5%	Adequate	Open
Albert Einstein	Rock View	572	661	86.5%	Adequate	Open
Albert Einstein	Flora M. Singer	708	680	104.1%	Adequate	Open
Albert Einstein	Woodlin	627	635	98.7%	Adequate	Open
Gaithersburg	Gaithersburg	920	1,000	92.0%	Adequate	Open
Gaithersburg	Goshen	603	589	102.4%	Adequate	Open
Gaithersburg	Laytonville	320	449	71.3%	Adequate	Open
Gaithersburg	Rosemont	866	585	148.0%	Inadequate	Moratorium
Gaithersburg	Strawberry Knoll	681	466	146.1%	Inadequate	Moratorium
Gaithersburg	Summit Hall	659	438	150.5%	Inadequate	Moratorium
Gaithersburg	Washington Grove	651	613	106.2%	Adequate	Open
Walter Johnson	Ashburton	943	770	122.5%	Inadequate	Moratorium
Walter Johnson	Farmland	839	714	117.5%	Adequate	Open
Walter Johnson	Garrett Park	883	776	113.8%	Adequate	Open
Walter Johnson	Kensington-Parkwood	647	746	86.7%	Adequate	Open
Walter Johnson	Luxmanor	569	758	75.1%	Adequate	Open
Walter Johnson	Wyngate	705	777	90.7%	Adequate	Open
John F. Kennedy	Bel Pre	567	640	88.6%	Adequate	Open
John F. Kennedy	Georgian Forest	638	649	98.3%	Adequate	Open
John F. Kennedy	Glenallen	787	762	103.3%	Adequate	Open
John F. Kennedy	Harmony Hills	730	709	103.0%	Adequate	Open
John F. Kennedy	Strathmore	473	439	107.7%	Adequate	Open
Col. Zadok Magruder	Candlewood	359	514	69.8%	Adequate	Open
Col. Zadok Magruder	Cashell	403	340	118.5%	Adequate	Open
Col. Zadok Magruder	Flower Hill	483	465	103.9%	Adequate	Open
Col. Zadok Magruder	Mill Creek Towne	336	321	104.7%	Adequate	Open
Col. Zadok Magruder	Judith A. Resnik	608	498	122.1%	Inadequate	Moratorium
Col. Zadok Magruder	Seguoyah	381	508	75.0%	Adequate	Open
Richard Montgomery	Beall	591	637	92.8%	Adequate	Open
Richard Montgomery	College Gardens	659	693	95.1%	Adequate	Open
Richard Montgomery	Ritchie Park	383	387	99.0%	Adequate	Open
Richard Montgomery	RM ES #5	719	740	97.2%	Adequate	Open
Richard Montgomery	Twinbrook	523	558	93.7%	Adequate	Open
Northwest	Clopper Mill	551	460	119.8%	Adequate	Open
Northwest	Darnestown	288	471	61.1%	Adequate	Open
Northwest	Diamond	717	670	107.0%	Adequate	Open
Northwest	Germantown	294	309	95.1%	Adequate	Open
Northwest	Great Seneca Creek	572	561	102.0%	Adequate	Open
Northwest	Spark M. Matsunaga	730	653	111.8%	Adequate	Open
Northwest	Ronald McNair	803	770	104.3%	Adequate	Open
Northwood	Arcola	643	659	97.6%	Adequate	Open
Northwood	Forest Knolls ⁴	769	549	140.1%	Inadequate	Open Conditionally
Northwood	Glen Haven	521	581	89.7%	Adequate	Open
Northwood	Highland View	410	288	142.4%	Inadequate	Moratorium
Northwood	Kemp Mill	544	463	117.5%	Adequate	Open
Northwood	Sligo Creek	692	664	104.2%	Adequate	Open

Elementary School	Elementary School Location	2019-2020 Enrollment	2021-2022 Capacity		2021-2022 Utilization %	2021-2022 Status
			FY 2019 – 2024 CIP	2021-2022 Capacity		
Paint Branch	Burtonsville	562	518	108.5%	Adequate	Open
Paint Branch	Cloverly	504	444	113.5%	Adequate	Open
Paint Branch	Galway	734	764	96.1%	Adequate	Open
Paint Branch	Greencastle	725	614	118.1%	Adequate	Open
Poolesville	Monocacy	151	219	68.9%	Adequate	Open
Poolesville	Poolesville	373	539	69.2%	Adequate	Open
Quince Orchard	Brown Station	558	761	73.3%	Adequate	Open
Quince Orchard	Rachel Carson ⁶	1,010	691	146.2%	Inadequate	Open Conditionally
Quince Orchard	Fields Road	482	457	105.5%	Adequate	Open
Quince Orchard	Jones Lane	437	441	99.1%	Adequate	Open
Quince Orchard	Thurgood Marshall	662	558	118.6%	Adequate	Open
Rockville	Lucy V. Barnsley	583	673	101.5%	Adequate	Open
Rockville	Flower Valley	461	416	110.8%	Adequate	Open
Rockville	Maryvale	653	694	94.1%	Adequate	Open
Rockville	Meadow Hall ⁷	468	370	126.5%	Adequate	Open
Rockville	Rock Creek Valley	435	364	119.5%	Adequate	Open
Seneca Valley	Lake Seneca	515	395	130.4%	Inadequate	Moratorium
Seneca Valley	S. Christa McAuliffe	599	740	80.9%	Adequate	Open
Seneca Valley	Dr. Sally K. Ride	428	485	88.2%	Adequate	Open
Seneca Valley	Waters Landing	647	776	83.4%	Adequate	Open
Sherwood	Belmont	319	425	75.1%	Adequate	Open
Sherwood	Brooke Grove	451	517	87.2%	Adequate	Open
Sherwood	Greenwood	453	584	77.6%	Adequate	Open
Sherwood	Olney	590	584	101.0%	Adequate	Open
Sherwood	Sherwood	432	547	79.0%	Adequate	Open
Springbrook	Cannon Road	395	521	75.8%	Adequate	Open
Springbrook	Cresthaven	540	651	82.9%	Adequate	Open
Springbrook	Dr. Charles R. Drew	513	474	108.2%	Adequate	Open
Springbrook	Jackson Road	695	699	99.6%	Adequate	Open
Springbrook	JoAnn Leleck at Broad Acres	819	715	114.5%	Adequate	Open
Springbrook	Roscoe R. Nix	479	736	65.1%	Adequate	Open
Springbrook	Westover	278	283	98.2%	Adequate	Open
Watkins Mill	South Lake	810	716	113.1%	Adequate	Open
Watkins Mill	Stedwick	596	670	89.0%	Adequate	Open
Watkins Mill	Watkins Mill	681	641	106.2%	Adequate	Open
Watkins Mill	Whetstone	755	750	100.7%	Adequate	Open
Wheaton	Brookhaven	445	475	93.7%	Adequate	Open
Wheaton	Sargent Shriver	757	673	112.5%	Adequate	Open
Wheaton	Viers Mill	559	743	75.2%	Adequate	Open
Wheaton	Weller Road	654	772	84.7%	Adequate	Open
Wheaton	Wheaton Woods	502	741	67.7%	Adequate	Open
Walt Whitman	Bannockburn	405	365	111.0%	Adequate	Open
Walt Whitman	Bradley Hills	610	663	92.0%	Adequate	Open
Walt Whitman	Burning Tree	429	379	113.2%	Adequate	Open
Walt Whitman	Carderock Springs	325	407	79.9%	Adequate	Open
Walt Whitman	Wood Acres	641	725	88.4%	Adequate	Open
Thomas S. Wootton	Cold Spring	305	458	66.6%	Adequate	Open
Thomas S. Wootton	DuFief	285	740	38.5%	Adequate	Open
Thomas S. Wootton	Fallsmead	489	551	88.7%	Adequate	Open
Thomas S. Wootton	Lakewood	507	556	91.2%	Adequate	Open
Thomas S. Wootton	Stone Mill	603	677	89.1%	Adequate	Open
Thomas S. Wootton	Travilah	394	522	75.5%	Adequate	Open

⁶ School meets utilization percentage but not seat deficit threshold for moratorium (seat deficit < 110 seats)

⁷ 14 classroom placeholder addition project reduces utilization at Clarksburg and Cedar Grove Elementary Schools

⁸ 14 classroom placeholder addition project reduces utilization at Clarksburg and Cedar Grove Elementary Schools

⁹ Capacity relief to be provided by the opening of Clarksburg Village ES #2

¹⁰ Capacity relief to be provided by approved capital projects at Montgomery Knolls and Pine Crest Elementary Schools

¹¹ Capacity relief to be provided by approved capital project at DuFief Elementary School

DRAFT

Subdivision Staging Policy FY 2019 School Test: Middle School Utilization in 2023-2024 Reflects Superintendent's recommended FY 2019 Capital Budget and FY 2019-2024 Capital Improvements Program (CIP)

Middle School Test: Percent Utilization >120% and 180 Seat Deficit = Moratorium

Subdivision	School	2019 Projected August 2023 Enrollment	100% MCHS Program Capacity With 2019 Requested FY 2019-2024 CIP	Cluster Percent Utilization in 2023-2024 School Year	School Test Result Capacity is	Cluster Test Result
Bethesda-Chevy Chase	Silver Creek	971	935	103.9%	Adequate	Open
Bethesda-Chevy Chase	Westland	832	1,089	76.4%	Adequate	Open
Montgomery Blair	Eastern	1,025	1,012	101.3%	Adequate	Open
Montgomery Blair	Silver Spring International	1,222	1,300	94.0%	Adequate	Open
Montgomery Blair	Takoma Park	1,242	1,306	95.1%	Adequate	Open
Montgomery Blair	Banneker	710	812	87.4%	Adequate	Open
Montgomery Blair	Briggs Chaney	956	918	104.1%	Adequate	Open
Montgomery Blair	Farquhar	592	800	74.0%	Adequate	Open
Montgomery Blair	Key	1,050	969	108.4%	Adequate	Open
Montgomery Blair	White Oak	936	978	95.7%	Adequate	Open
James Hubert Blake	Benjamin Banneker	710	812	87.4%	Adequate	Open
James Hubert Blake	Briggs Chaney	956	918	104.1%	Adequate	Open
James Hubert Blake	William H. Farquhar	592	800	74.0%	Adequate	Open
James Hubert Blake	Francis Scott Key	1,050	969	108.4%	Adequate	Open
James Hubert Blake	White Oak	936	978	95.7%	Adequate	Open
Winston Churchill	Cabin John	996	1,092	91.2%	Adequate	Open
Winston Churchill	Hoover	760	1,139	66.7%	Adequate	Open
Clarksburg	Neelsville	1,054	914	115.3%	Adequate	Open
Clarksburg	Rocky Hill	969	1,020	95.0%	Adequate	Open
Clarksburg	Wells	960	982	97.8%	Adequate	Open
Damascus	Baker	760	728	104.4%	Adequate	Open
Damascus	Wells	960	982	97.8%	Adequate	Open
Albert Einstein	Newport Mill	660	825	80.0%	Adequate	Open
Albert Einstein	Sligo	930	928	100.2%	Adequate	Open
Gaithersburg	Forest Oak	1,136	949	119.7%	Adequate	Open
Gaithersburg	Gaithersburg	937	945	99.2%	Adequate	Open
Walter Johnson	North Bethesda	1,188	1,229	96.7%	Adequate	Open
Walter Johnson	Tilden	1,145	1,200	95.4%	Adequate	Open
John F. Kennedy	Argyle	1,021	914	111.7%	Adequate	Open
John F. Kennedy	Lee	973	1,205	80.7%	Adequate	Open
John F. Kennedy	Parkland	1,127	1,203	93.7%	Adequate	Open
Col. Zadok Magruder	Redland	631	765	82.5%	Adequate	Open
Col. Zadok Magruder	Shady Grove	623	846	73.6%	Adequate	Open
Richard Montgomery	West	1,298	1,462	88.8%	Adequate	Open
Northwest	Clemente	1,306	1,231	106.1%	Adequate	Open
Northwest	Kingsview	831	1,041	79.8%	Adequate	Open
Northwest	Lakelands Park	1,158	1,147	101.0%	Adequate	Open
Northwood	Lee	973	1,205	80.7%	Adequate	Open
Northwood	Silver Spring International	1,222	1,300	94.0%	Adequate	Open
Northwood	Sligo	930	928	100.2%	Adequate	Open
Paint Branch	Banneker	710	812	87.4%	Adequate	Open
Paint Branch	Briggs Chaney	956	918	104.1%	Adequate	Open
Poolesville	Poole	255	468	54.5%	Adequate	Open
Quince Orchard	Lakelands Park	1,158	1,147	101.0%	Adequate	Open
Quince Orchard	Ridgeview	638	955	66.8%	Adequate	Open
Rockville	Wood	989	936	105.7%	Adequate	Open
Seneca Valley	Clemente	1,306	1,231	106.1%	Adequate	Open
Seneca Valley	King	704	905	77.8%	Adequate	Open
Sherwood	Farquhar	592	800	74.0%	Adequate	Open
Sherwood	Parks	812	978	83.0%	Adequate	Open
Springbrook	Key	1,050	969	108.4%	Adequate	Open
Springbrook	White Oak	936	978	95.7%	Adequate	Open
Watkins Mill	Montgomery Village	786	873	90.0%	Adequate	Open
Watkins Mill	Neelsville	1,054	914	115.3%	Adequate	Open
Wheaton	Loiederman	850	871	97.6%	Adequate	Open
Wheaton	Parkland	1,127	1,203	93.7%	Adequate	Open
Walt Whitman	Pyle	1,336	1,502	88.9%	Adequate	Open
Thomas S. Wootton	Cabin John	996	1,092	91.2%	Adequate	Open
Thomas S. Wootton	Frost	917	1,084	84.6%	Adequate	Open

DRAFT

Subdivision Staging Policy FY 2019 School Test Results

Reflects Board of Education's Requested FY 2019 Capital Budget and FY 2019-2024 Capital Improvements Program (CIP)

Effective July 1, 2018

School Test Description and Details	School Test Outcome	Elementary School Inadequate	Middle School Inadequate	High School Inadequate
CLUSTER TEST Inadequate if cluster is over 120% utilization, by level Test year 2022-23	<u>MORATORIUM</u> Moratorium required in cluster service areas that are inadequate.			Walter Johnson (133.8%)
	<u>OPEN CONDITIONALLY</u> Placeholder projects prevent these cluster service areas from entering moratoria. <i>See notes.</i>			Montgomery Blair (123.8%) Albert Einstein (140.2%) Northwood (141.2%)
	<u>OPEN CONDITIONALLY</u> Planned projects in other clusters and/or reassignments prevent these cluster service areas from entering moratoria. <i>See notes.</i>			Clarksburg (142.4%)
INDIVIDUAL SCHOOL TEST Inadequate if school is over 120% utilization and at or above seat deficit thresholds Elementary: 110 seats Middle: 180 seats Test year 2022-23	<u>MORATORIUM</u> Moratorium required in school service areas that are inadequate.	Ashburton ES (-173, 122.5%) Bethesda ES (-139, 124.8%) Burnt Mills ES (-183, 146.7%) Highland View ES (-122, 142.4%) Lake Seneca ES (-120, 130.4%) Judith A. Resnik ES (-110, 122.1%) Rosemont ES (-281, 148.0%) Somerset ES (-139, 127.0%) Stonegate ES (-151, 140.6%) Strawberry Knoll ES (-215, 146.1%) Summit Hall ES (-221, 150.5%)		
	<u>OPEN CONDITIONALLY</u> Placeholder projects prevent these school service areas from entering moratoria. <i>See notes.</i>			
	<u>OPEN CONDITIONALLY</u> Planned projects in other schools and/or reassignments prevent these school service areas from entering moratoria. <i>See notes.</i>	Rachel Carson ES (-319, 146.2%) Cedar Grove ES (-204, 148.8%) Clarksburg ES (-277, 188.8%) Forest Knolls ES (-220, 140.1%) Wilson Wims ES (-647, 186.0%)		

62A

Bethesda ES Solution

DRAFT

Category	Montgomery County Public Schools	Date Last Modified	February 26, 2018
Subcategory	Individual Schools	Required Adequate Public Fac	Yes
Administering Agency	MCPS	Relocation Impact	None
Planning Area	Bethesda-Chevy Chase	Status	Facility Planning

Expenditures Schedule (\$000)

Cost Element	Total	Thru FY17	Est. FY18	Total 6 Years	FY19	FY20	FY21	FY22	FY23	FY24	Beyond 6 Years
Planning, Design & Supervision	529	0	0	529	0	0	212	158	106	53	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	858	0	0	858	0	0	0	694	164	0	0
Construction	1,958	0	0	1,958	0	0	0	532	1,062	364	0
Other	350	0	0	350	0	0	0	0	350	0	0
Total	3,695	0	0	3,695	0	0	212	1,384	1,682	417	0

Funding Schedule (\$000)

GO Bonds	3,695	0	0	3,695	0	0	212	1,384	1,682	417	0
Total	3,695	0	0	3,695	0	0	212	1,384	1,682	417	0

Operating Budget Impact (\$000)

Energy											
Maintenance											
Program Staff											
Net Impact											

Description

Due to increasing enrollment growth, this project includes funds to design and construct six permanent elementary school classrooms serving the Bethesda Elementary School service area in the Bethesda-Chevy Chase High School Cluster. These additional classrooms would meet capacity requirements under the Subdivision Staging Policy, avoiding a residential moratorium in the Bethesda ES service area. The County Council anticipates that ultimately the Board of Education will request a specific project that will add at least these classrooms by the start of the 2023-2024 school year at the latest, and that these funds would be used towards that purpose.

Capacity

Teaching Stations Added: 6

Appropriation and Expenditure Data	Coordination	Map
Date First Appropriation (\$000)		
First Cost Estimate Current Scope (FY19)	3,695	
Last FY's Cost Estimate	0	
Appropriation Request FY19	0	
Appropriation Request Est. FY20	0	
Supplemental Approp. Request	0	
Transfer	0	
Cumulative Appropriation	0	
Expenditures/Encumbrances	0	
Unencumbered Balance	0	

Somerset ES Solution

DRAFT

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Individual Schools
MCPS
Bethesda-Chevy Chase

Date Last Modified February 26, 2018
Required Adequate Public Fac Yes
Relocation Impact None
Status Facility Planning

Expenditures Schedule (\$000)

Cost Element	Total	Thru FY17	Est. FY18	Total 6 Years	FY19	FY20	FY21	FY22	FY23	FY24	Beyond 6 Years
Planning, Design & Supervision	440	0	0	440	0	0	176	132	88	44	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	382	0	0	382	0	0	0	277	105	0	0
Construction	1,619	0	0	1,619	0	0	0	375	987	257	0
Other	250	0	0	250	0	0	0	0	105	145	0
Total	2,691	0	0	2,691	0	0	176	784	1,285	446	0

Funding Schedule (\$000)

GO Bonds	2,691	0	0	2,691	0	0	176	784	1,285	446	0
Total	2,691	0	0	2,691	0	0	176	784	1,285	446	0

Operating Budget Impact (\$000)

Energy											
Maintenance											
Program Staff											
Net Impact											

Description

Due to increasing enrollment growth, this project includes funds to design and construct four permanent elementary school classrooms serving the Somerset Elementary School service area in the Bethesda-Chevy Chase High School Cluster. These additional classrooms would meet capacity requirements under the Subdivision Staging Policy, avoiding a residential moratorium in the Somerset ES service area. The County Council anticipates that ultimately the Board of Education will request a specific project that will add at least these classrooms by the start of the 2023-2024 school year at the latest, and that these funds would be used towards that purpose.

Capacity

Teaching Stations Added: 4

Appropriation and Expenditure Data	Coordination	Map
Date First Appropriation (\$000)		
First Cost Estimate Current Scope (FY19) 2,691		
Last FY's Cost Estimate 0		
Appropriation Request FY19 0		
Appropriation Request Est. FY20 0		
Supplemental Approp. Request 0		
Transfer 0		
Cumulative Appropriation 0		
Expenditures/Encumbrances 0		
Unencumbered Balance 0		

Judith A. Resnik ES Solution

Category
Subcategory
Administering Agency
Planning Area

Montgomery County Public Schools
Individual Schools
MCPS
Goshen

Date Last Modified February 26, 2018
Required Adequate Public Fac Yes
Relocation Impact None
Status Facility Planning

Expenditures Schedule (\$000)

Cost Element	Total	Thru FY17	Est. FY18	Total 6 Years	FY19	FY20	FY21	FY22	FY23	FY24	Beyond 6 Years
Planning, Design & Supervision	468	0	0	468	0	0	187	140	94	47	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	436	0	0	436	0	0	0	330	106	0	0
Construction	1,568	0	0	1,568	0	0	0	359	929	280	0
Other	250	0	0	250	0	0	0	0	105	145	0
Total	2,722	0	0	2,722	0	0	187	829	1,234	472	0

Funding Schedule (\$000)

GO Bonds	2,722	0	0	2,722	0	0	187	829	1,234	472	0
Total	2,722	0	0	2,722	0	0	187	829	1,234	472	0

Operating Budget Impact (\$000)

Energy											
Maintenance											
Program Staff											
Net Impact											

Description

Due to increasing enrollment growth, this project includes funds to design and construct four permanent elementary school classrooms serving the Judith A. Resnik Elementary School service area in the Magruder High School Cluster. These additional classrooms would meet capacity requirements under the Subdivision Staging Policy, avoiding a residential moratorium in the Resnik ES service area. The County Council anticipates that ultimately the Board of Education will request a specific project that will add at least these classrooms by the start of the 2023-2024 school year at the latest, and that these funds would be used towards that purpose.

Capacity

Teaching Stations Added: 4

Appropriation and Expenditure Data	Coordination	Map
Date First Appropriation (\$000)		
First Cost Estimate Current Scope (FY19)	2,722	
Last FY's Cost Estimate	0	
Appropriation Request FY19	0	
Appropriation Request Est. FY20	0	
Supplemental Approp. Request	0	
Transfer	0	
Cumulative Appropriation	0	
Expenditures/Encumbrances	0	
Unencumbered Balance	0	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Capital Project	Major Element	Notes	Acceptable Life Span (Years)	Inventory	Units	How much/many should be replaced annually	Average Cost	Acceptable Annual Replacement Cost	CIP			Backlog	Criticality Rating
										FY16 Approved	FY17 Request	Future Funding Level		
2														
26	Montgomery County Public Schools													
27	Infrastructure Maintenance: Capital Improvements Program													
28														
29	Fire Safety	Life Safety Equip	Fire Alarm Systems	15	223	systems	15	\$140,000	\$2,100,000	\$1,500,000	\$2,000,000	Higher	\$8,000,000	5
30			Fire Pumps	20	15	each	1	\$50,000	\$37,500	\$50,000	\$50,000		\$100,000	5
31			Kitchen hoods	30	141	each	5	\$92,000	\$460,000	\$0	\$0			5
32			Fall Protection	30	223	schools	25	\$35,000	\$875,000	\$550,000	\$550,000		\$4,941,504	4
33			Suppression systems	15	141	systems	9	\$18,500	\$166,500	\$0	\$0		\$234,000	5
34	Life Safety Total	Life Safety Total						\$335,500		\$2,100,000	\$2,600,000	Higher	\$13,275,504	
35	PLAR: Door/Window	Exterior Doors/ Hollow metal doors		30	266,000	sf	8,933	\$161	\$1,438,213	\$515,000	\$200,000		\$82,449,292	3
36		Exterior Windows		30	1,225,000	sf	40,833	\$107	\$4,369,131	\$450,000	\$550,000			3
37		Interior Doors/Solid wood doors		20	1,275,000	sf	63,750	\$59	\$3,761,250	\$100,000	\$50,000			2
38	PLAR: Electrical	Elec Service/ Distribution		35	24,752,453	sf	707,213	\$6	\$4,243,278	\$175,000	\$25,000	Higher	\$178,848,781	4
39		Emergency Light and Power		25	24,752,453	sf	990,098	\$17	\$16,831,666	\$550,000	\$600,000			5
40		Lighting and Branch Wiring		20	24,752,453	sf	1,237,623	\$17	\$21,039,591	\$125,000	\$250,000			4
41		Other Electrical Systems		15	24,752,453	sf	1,650,164	\$6	\$9,900,984	\$150,000	\$700,000			4
42	PLAR: Electronics	Electronics	Stage Lighting, Security System, PA, Library Gates, Sound Systems	20	603	systems	30	\$220,000	\$6,600,000	\$225,000	\$650,000	Higher	\$10,346,311	5
43	PLAR: Elevators	Building Elevators		20	197	each	10	\$305,000	\$3,050,000	\$0	\$0	Higher	\$23,446,000	4
44		Handicap Lifts		15	111	each	7	\$35,000	\$245,000	\$0	\$0	Higher	\$2,595,000	4



A	B	C	D	E	F	G	H	I	J	K	L	M	N
Capital Project	Major Element	Notes	Acceptable Life Span (Years)	Inventory	Units	How much/many should be replaced annually	Average Cost	Acceptable Annual Replacement Cost	CIP			Backlog	Criticality Rating
									FY16 Approved	FY17 Request	Future Funding Level		
PLAR: Finishes	Ceiling		20	24,752,453	sf	1,237,623	\$9	\$11,138,607	\$350,000	\$350,000	Higher	\$120,217,308	1
	Floor		20	24,752,453	sf	1,237,623	\$8	\$9,900,984	\$675,000	\$485,000			2
	Wall		10	53,831,732	sf	5,363,173	\$4	\$21,452,692	\$750,000	\$1,500,000			1
PLAR: Plumbing	System		35	24,752,453	sf	707,213	\$13	\$9,193,769	\$475,000	\$200,000	Higher	\$106,957,054	4
	(Non Restroom), fixtures		25	24,752,453	sf	990,098	\$14	\$13,861,372	\$150,000	\$130,000			4
PLAR: Equipment	Lockers		20	67	schools	3	\$350,000	\$1,050,000	\$400,000	\$200,000	Higher	\$6,025,720	2
	Playground		20	570	pieces	29	\$40,650	\$1,178,850	\$450,000	\$650,000		\$8,254,893	2
PLAR: Site	Pavement	Parking lot/driveway	20	23,013,198	sf	1,150,660	\$12	\$13,807,920	\$1,100,000	\$500,000	Higher	\$6,970,000	3
	Curb/Gutter/Sidewalks		30	4,223,000	lf	140,767	\$12	\$1,689,204	\$250,000	\$1,500,000		\$725,000	2
	Paved play area	Tennis/Basketball	20	10,246,000	sf	512,300	\$12	\$6,147,600	\$1,300,000	\$300,000	Higher	\$50,000	1
	Indoor Bleachers		30	84	each	2	\$125,000	\$250,000	\$100,000	\$0		\$175,000	1
	Outdoor Bleacher/Grandstand		30	26	each	1	\$825,000	\$825,000	\$150,000	\$150,000		\$2,000,000	3
	Fencing		30	1,548,460	lf	51,615	\$17	\$877,455	\$75,000	\$250,000		\$500,000	2
	Athletic fields	Baseball, soccer, Football	20	273	fields	14	\$210,000	\$2,940,000	\$675,000	\$1,205,000		\$12,000,000	2
	Stormwater Mgmt		45	160	schools	4	\$30,000	\$120,000	\$560,000	\$575,000		\$100,000	2
PLAR: QZAB Funding	QZAB funding (State)								\$901,000				
PLAR: ASP Funding	ASP Funding (State)								\$603,000				
PLAR: Total	PLAR Subtotal							\$165,912,566	\$9,750,000	\$11,000,000		\$561,660,369	
HVAC	Chillers		25	274	each	11	\$260,000	\$2,860,000	\$2,000,000	\$3,000,000	Higher		5
	Distribution Systems		30	24,752,453	sf	825,082	\$26	\$21,452,132	\$11,100,000	\$20,300,000	Higher		5
	Boilers		25	446	each	18	\$155,000	\$2,790,000	\$1,300,000	\$3,100,000	Higher		5
	Air Handling Units		20	970	each	49	\$87,000	\$4,283,000	\$1,600,000	\$3,600,000	Higher		5
HVAC: Total	HVAC Subtotal							\$31,365,132	\$16,000,000	\$30,000,000	Higher	\$167,847,000	5
Restroom Renovation	Plumbing fixtures (restrooms)		25	16,725	each	669	\$850	\$568,650	\$750,000	\$2,000,000	Higher	\$8,217,500	4
	Specialized Finishes		20	3,045	rest-rooms	152	\$13,880	\$2,109,760	\$250,000	\$500,000	Higher	\$7,220,800	2
Restroom: Total								\$2,678,410	\$1,000,000	\$2,500,000		\$13,438,300	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Capital Project	Major Element	Notes	Acceptable Life Span (Years)	Inventory	Units	How much/many should be replaced annually	Average Cost	Acceptable Annual Replacement Cost	CIP			Backlog	Criticality Rating
2										FY16 Approved	FY17 Request	Future Funding Level		
71	Energy Mgt System	EMS	Energy Mgt System	20	206	systems	10	\$146,436	\$1,464,360	\$2,057,000	\$2,057,000		\$5,125,260	4
72	Roof Replacement	Roof	Roof Replacement	20	16,587,588	sf	829,379	\$20	\$16,587,580	\$8,000,000	\$12,000,000	Higher	\$29,506,000	5
73		Subtotal							\$218,008,048	\$38,907,000	\$60,157,000		\$790,852,433	
74	Modernization capital funding discounted for Infrastructure renewal only.									\$90,490,500	\$91,345,500			
75	(Capital construction PDF costs discounted by 25% for facility changes for growth and program enhancements)													
76		Total							\$218,008,048	\$129,397,500	\$151,502,500		\$790,852,433	
77														



Montgomery County Council Education Committee

Briefing on Montgomery County Public Schools Board of Education's Requested FY2019–2024 Capital Improvements Program

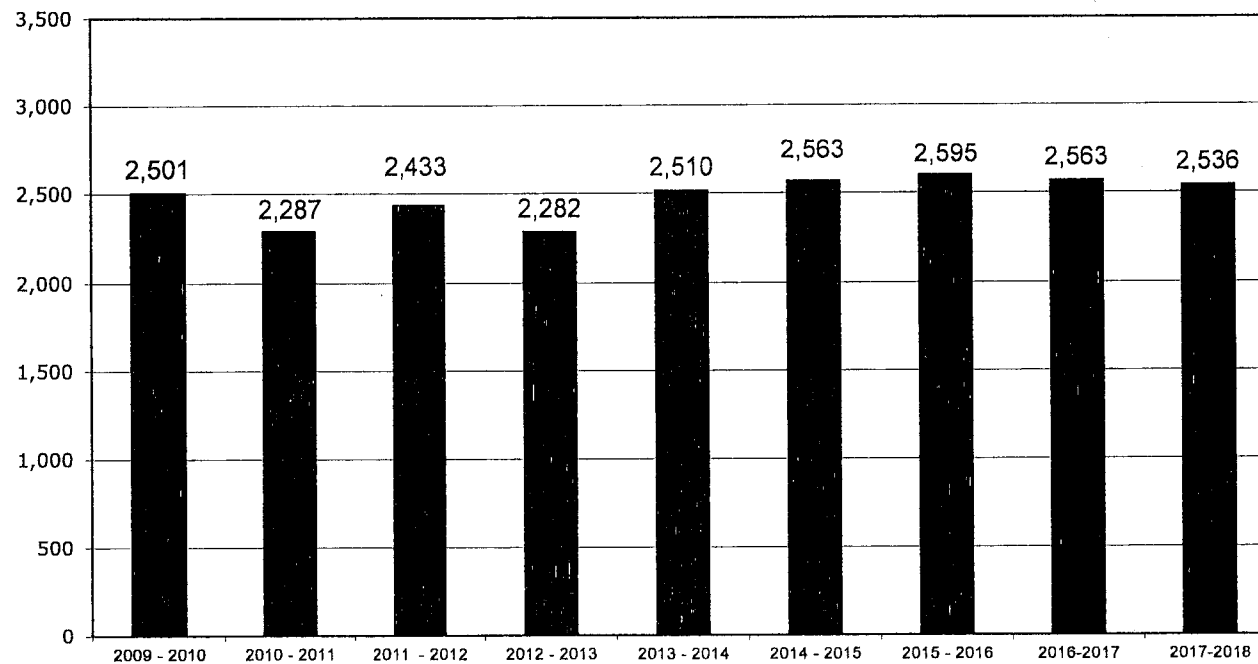
February 5, 2018

Enrollment and Demographics

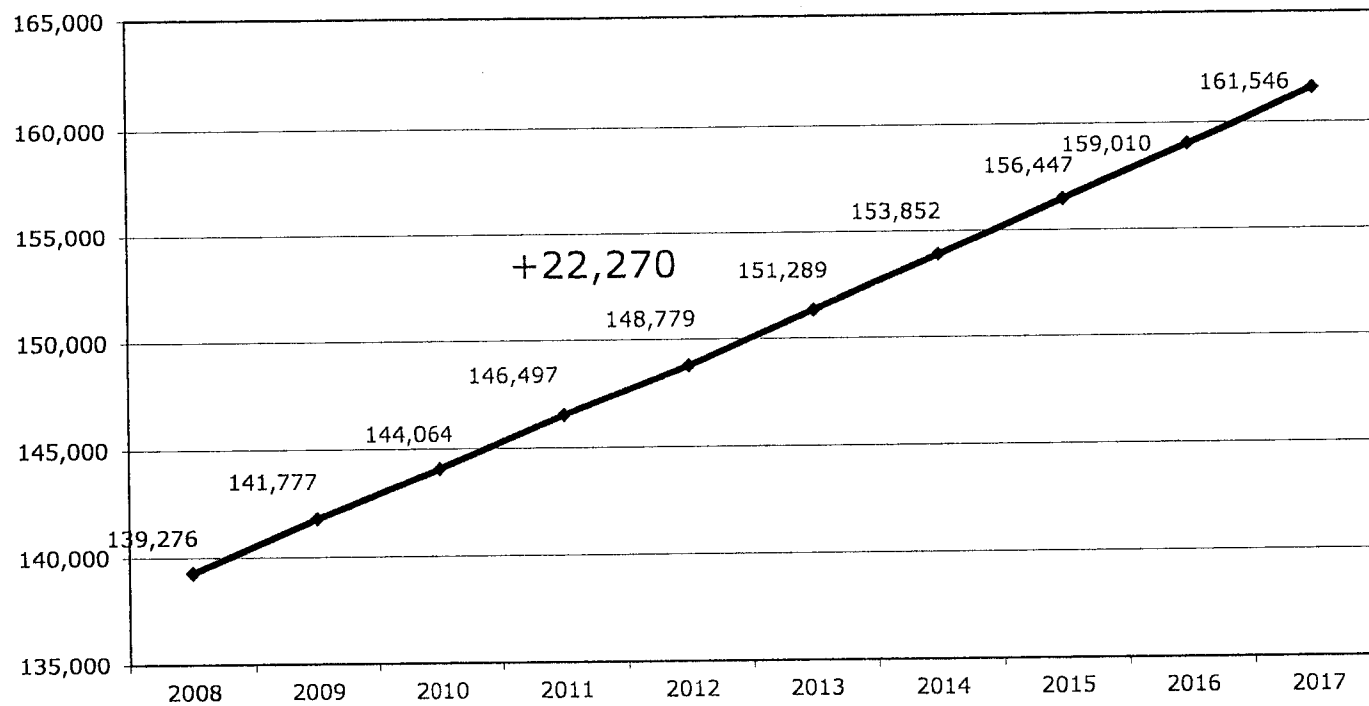
Enrollment Change from 2016–2017 to Preliminary 2017–2018

Grade	Official 2016-2017	Official 2017-2018	One Year Change
K	11,246	11,263	17
1	11,892	11,694	-198
2	12,012	12,002	-10
3	12,530	12,190	-340
4	12,198	12,660	462
5	12,095	12,405	310
6	11,870	12,117	247
7	11,753	11,927	174
8	11,644	12,036	392
9	13,569	13,652	83
10	12,393	12,968	575
11	10,924	11,151	227
12	10,564	11,058	494
K-2	35,150	34,959	-191
3-5	36,823	37,255	432
6-8	35,267	36,080	813
9-12	47,450	48,829	1,379
K-12	154,690	157,123	2,433
H.S./Pre-K*	2,906	2,902	-4
Pre-K Sp.Ed*	1,414	1,521	107
TOTAL	159,010	161,546	2,536

**Annual Change in Total MCPS Enrollment:
School Year 2007-2016**



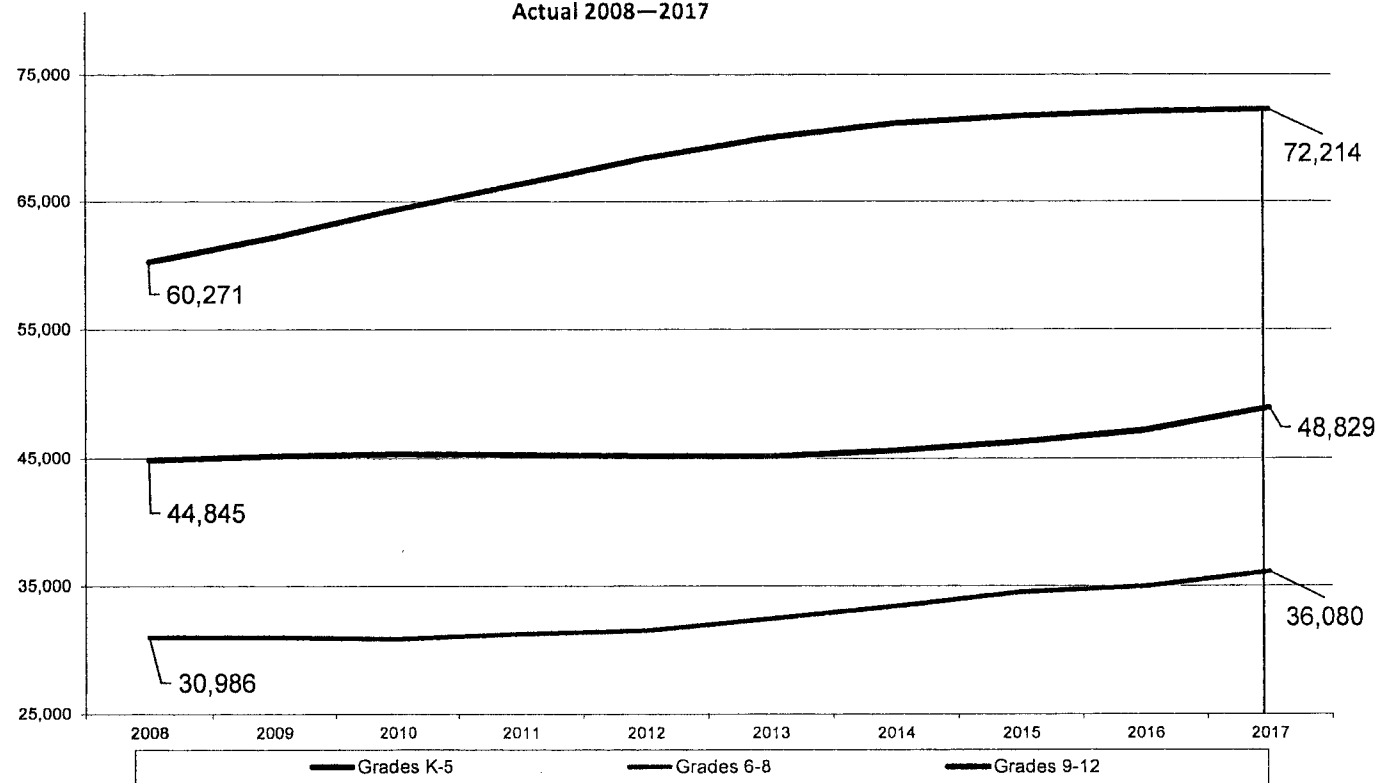
Total MCPS Enrollment: SY 2008-2017



*Official September 30, 2017 Enrollment

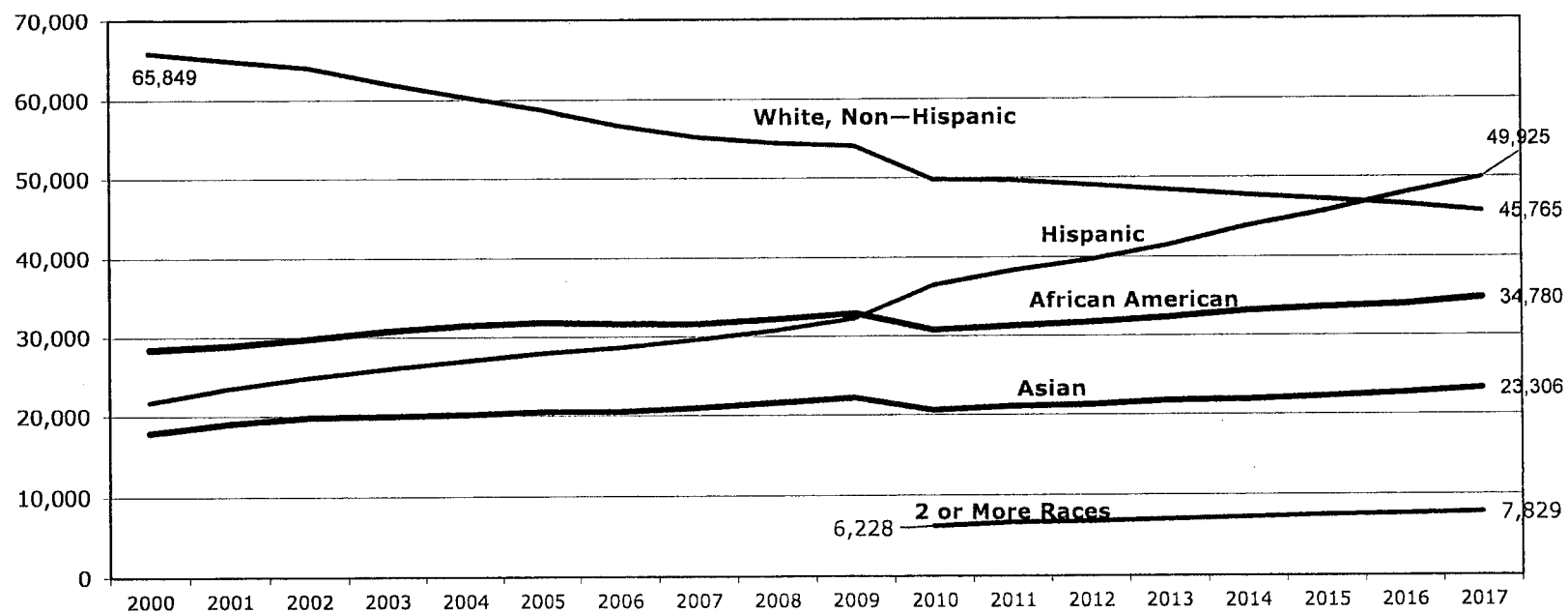
MCPS Grade Enrollment Projections

Actual 2008—2017



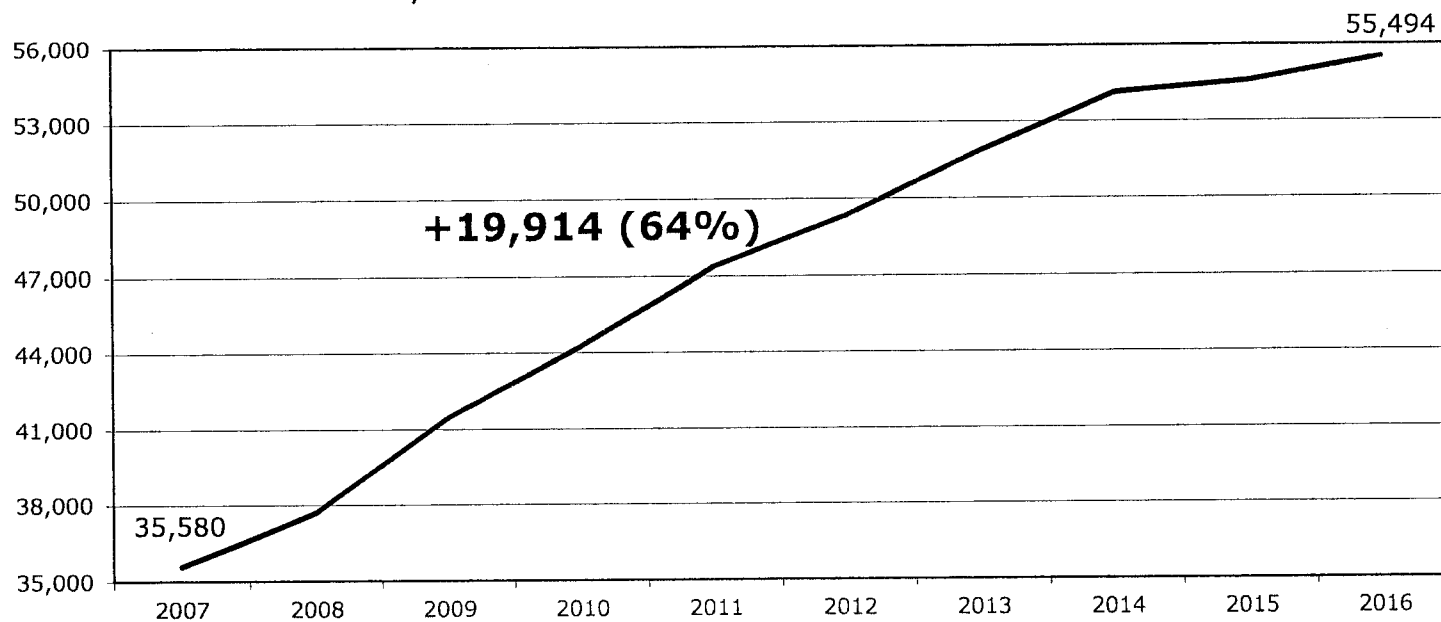
*Official September 30, 2017 Enrollment

Enrollment by Race and Ethnicity SY 2000–2017

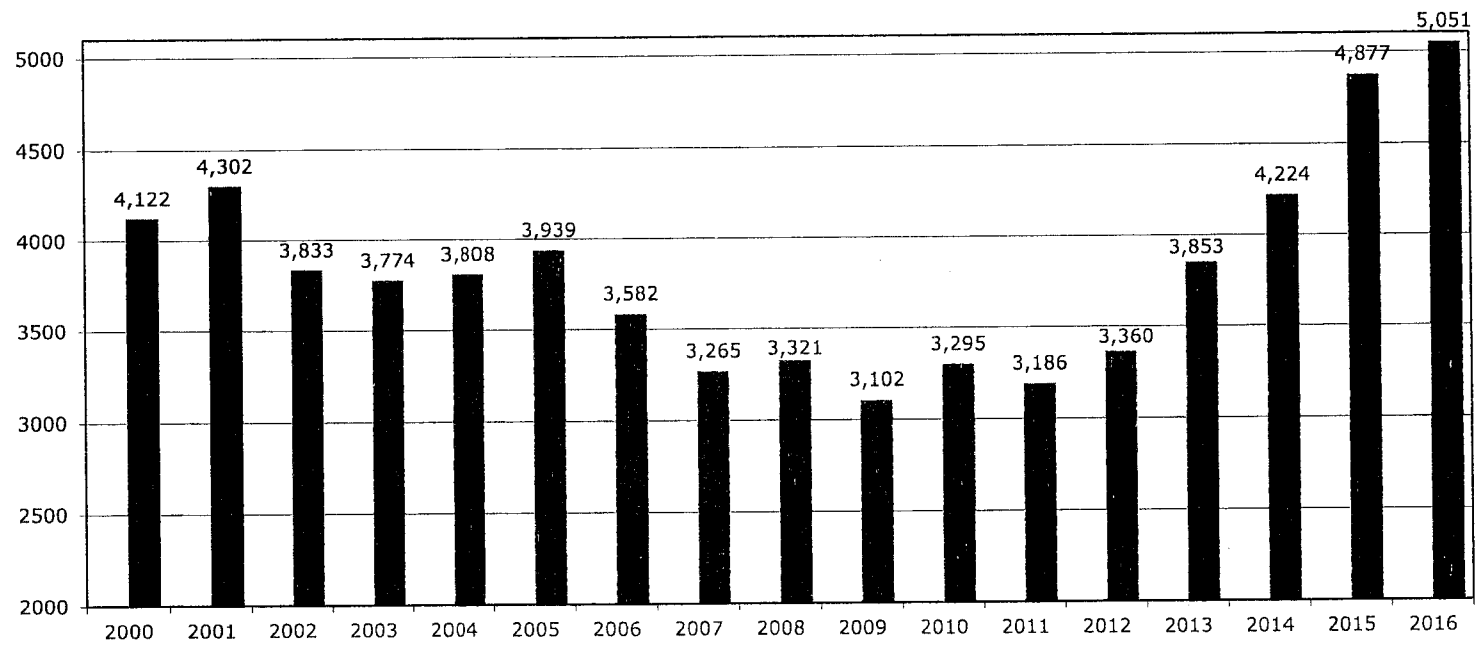


MCPS Free and Reduced-price Meals System (FARMS)

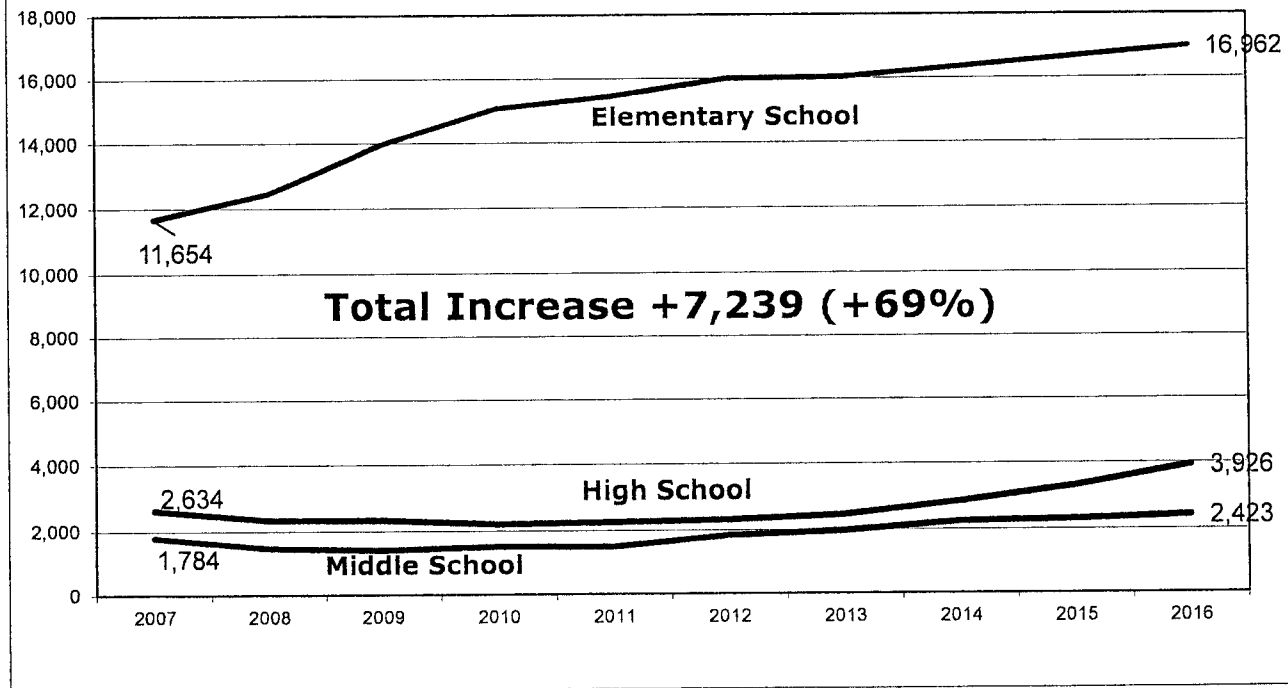
In 2016, 82% of FARMS Students Receive Free Meals



Enrollment of International Students (SY)



**MCPS ESOL Enrollment Trends
by School Level - 2007 to 2016**



CIP Themes

- **Transition:**
Reposition CIP within dynamic planning environment
- **Flexibility:**
Maintain ability to respond to changing conditions
- **Secondary level projects:**
Program capacity to meet shifting enrollment pattern

Board of Education's Requested 2019–2024 CIP

- \$1.83 billion for the six-year CIP.
- An increase of \$86 million over the approved CIP.
- Addresses many critical capacity and aging infrastructure needs.
- Includes a total of 30 capacity projects
 - Elementary School Level –15 additions and 3 new schools
 - Middle School Level – 6 additions
 - High School Level – 4 additions and 2 new schools

Board of Education's Requested FY2019–2024 CIP High School Highlights

- Addition and comprehensive facility upgrade project at Northwood HS to address overutilization in the Downcounty Consortium
 - Expand school to a 2,700 student capacity, provides approximately 1,200 additional seats.
 - Reconfiguration of existing spaces and comprehensive upgrades to the building and building systems to accommodate new student capacity.
 - Completion date will be recommended in the next full CIP, once the planning and design phases are complete.
- Addition at John F. Kennedy HS also to address overutilization in the Downcounty Consortium, with a completion date of September 2022.

Board of Education's Requested FY2019–2024 CIP High School Highlights (continued)

- Reopening of the former Woodward HS to address the overutilization in both the Downcounty Consortium and the Walter Johnson Cluster.
 - Current facility is significantly smaller than the proposed 2,700 student capacity, therefore recommend a first phase addition project to provide some of the needed capacity and for flexibility during construction.
 - Completion date for the reopening will be recommended in the next full CIP, once the planning and design phases are complete.
- A new high school on the Crown site located in the City of Gaithersburg.
 - New high school can address overutilization at multiple mid-county high schools.
 - Completion date will be recommended in the next full CIP, once the planning and design phases are complete.

Board of Education's Requested FY2019–2024 CIP Middle School Highlights

- Col. E. Brooke Lee MS has an approved addition project, with an anticipated future revitalization/expansion.
 - Addition project will require reconfiguration of existing spaces and building systems to accommodate the larger student capacity.
 - The scope of the addition is expanded to include infrastructure and system upgrades while construction is on-site for better use of fiscal resources.
- An addition at Silver Spring International MS, to address overutilization as well as other site specific challenges.
 - Gymnasium and locker rooms are located in a separate building, down a steep hill, location impacts accessibility and administration of the physical education program.
 - Construction of the Purple Line will impact school site and outdoor programmatic spaces.



Board of Education's Requested FY2019–2024 CIP Elementary School Highlights

- Additions at Roscoe Nix and Cresthaven elementary schools to address the overutilization at JoAnn Leleck ES at Broad Acres.
 - JoAnn Leleck ES at Broad Acres will exceed 800 students and has 10 relocatable classrooms. Site constraints will provide challenges to place additional relocatables beyond current ones.
- Addition at DuFief ES to address overutilization at Rachel Carson ES.
 - The expansion will require not only additional classrooms, but reconfiguration of existing spaces and upgrades to building systems to accommodate new student population.

Addition Projects

Elementary	Middle	High
Diamond (9/2017)	North Bethesda (9/2018)	Bethesda Chevy Chase (8/2018)
Lucy V. Barnsley (9/2018)	Takoma Park (9/2020)	Walt Whitman (8/2020)
Kensington Parkwood (9/2018)	Thomas S. Pyle (9/2020)	John F. Kennedy (8/2022)
Ashburton (9/2019)	Col. E. Brooke Lee (9/2021)	Northwood (TBD)
Sr. Christa McAuliffe (9/2019)	Parkland MS (9/2021)	
East Silver Spring (9/2020)	Silver Spring International (9/2022)	
Gaithersburg (9/2020)		
Montgomery Knolls (for Forest Knolls) (9/2020)		
Pine Crest (for Forest Knolls) (9/2020)		
Woodlin (9/2020)		
DuFier (for Rachel Carson) (9/2021)		
Ronald McNair (9/2021)		
Piney Branch (9/2021)		
Cresthaven (for JoAnn Leleck at Broad Acres) (9/2022)		
Roscoe R. Nix (for JoAnn Leleck at Broad Acres) (9/2022)		

New School Projects

Elementary	High
Richard Montgomery #5 (9/2018)	Crown HS (TBD)
Clarksburg Cluster Village Site #2 (9/2018)	Woodward HS (TBD)
Clarksburg Cluster #9 (9/2021)	

Rev/Ex Projects

Elementary	Middle	High
Luxmanor (1/2020)	Tilden/Rock Terrace School (9/2020)	Thomas Edison (1/2018)
Maryvale/Carl Sandburg (9/2020)		Seneca Valley (9/2020)
Potomac (1/2020)		

Capacity Resulting from Projects Completed in the FY 2019-2024 CIP

Elementary Schools:

- 3 new elementary schools = 2,221 seats
- 15 addition projects = 2,784 seats
- 3 revitalization/expansion projects = 523 seats

TOTAL Capacity Added = 5,528 seats

Middle Schools:

- 6 additions projects = 1,867 seats
- 1 revitalization/expansion project = 240 seats

TOTAL Capacity Added = 2,107 seats

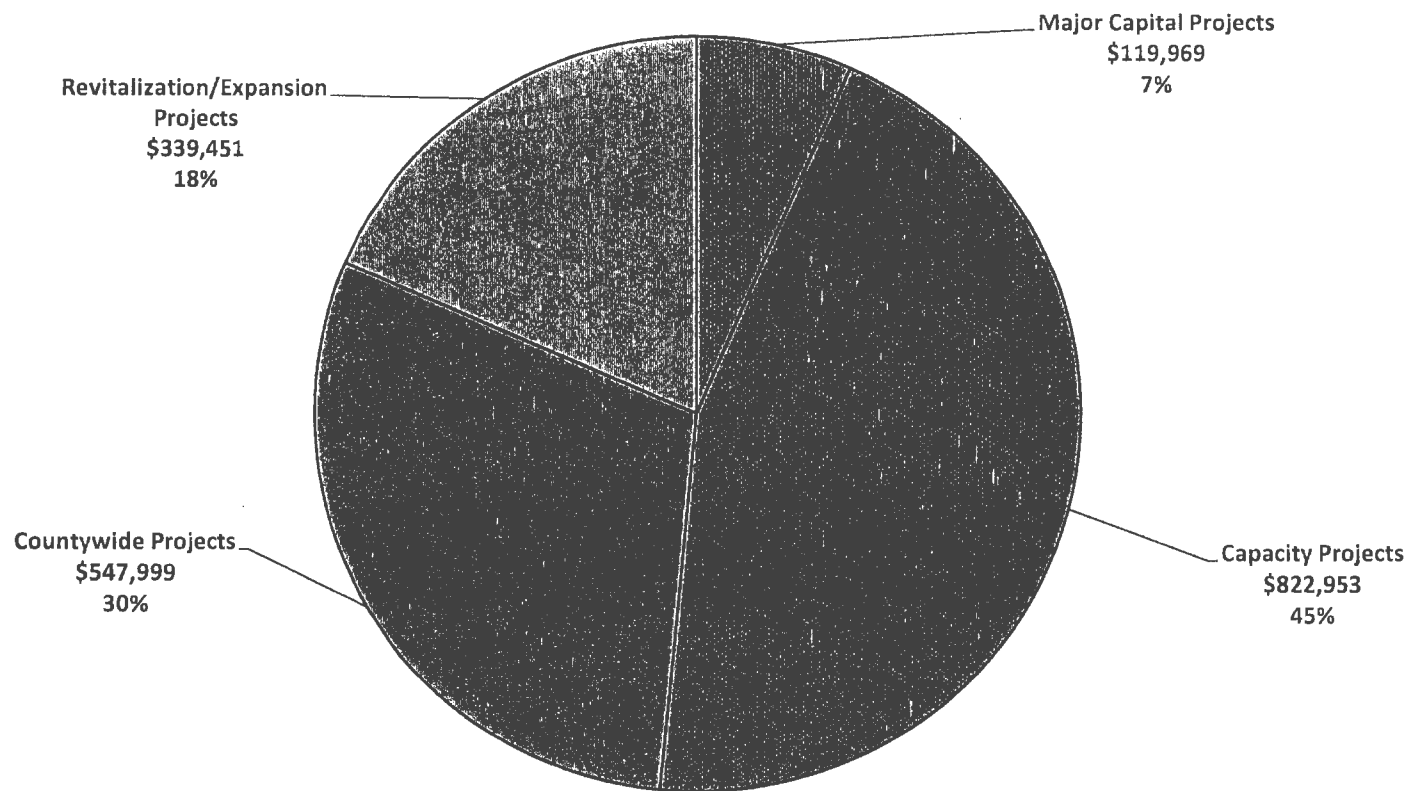
High Schools:

- 3 addition projects = 1,651 seats
- 2 revitalization/expansion project = 1,079 seats

TOTAL Capacity Added = 2,730 seats

GRAND TOTAL CAPACITY ADDED = 10,365 SEATS

Distribution of Board of Education's Requested FY 2019-2024 CIP
(in millions)



Enrollment Projections

- Working with consultants to review projection methodology and refine approach going forward
- Challenge has been to tailor countywide model to regional and neighborhood variances
- CIP schedule reflects acute utilization pressures and immediate construction projects
- For schools that are overutilized but show enrollment stable or trending down, will continue planning where approved but defer construction until enrollment increases and trends are more evident

- Examples:

Burtonsville ES, Greencastle ES, Judith A. Resnick ES

Rev/Ex Policy Transition

- Rev/Ex Program governed by 2 policies:
 - Policy FAA, *Long-Range Educational Facilities Planning*
 - Policy FKB, *Sustaining and Modernizing MCPS Facilities*
- Working to review and reimagine our Rev/Ex program and the FACT assessment process
- Two presentations to the Board; multiple stakeholder discussions over spring and summer
- Propose transition to Key Facility Indicators (KFI) assessment model and prioritizing projects using multi-variable facility conditions, capacity and utilization concerns, and programmatic aspects

Rev/Ex Policy Transition

- Recommended CIP includes \$339.5 million to complete the Rev/Ex projects
 - Luxmanor ES
 - Maryvale ES/Carl Sandburg Learning Center
 - Potomac ES
 - Tilden MS/Rock Terrace School
 - Seneca Valley HS
- Recommended CIP includes \$120 million to reserve fiscal capacity for Major Capital Projects
- Board policy review process will formalize future CIP planning in this area and allow for additional public comment
- Following policy revision, schools will be identified for Major Capital Projects funding



Rev/Ex Policy Transition

- Schools previously identified for Rev/Ex where facility conditions will be evaluated in the context of a new policy approach

Belmont ES, Cold Spring ES, Damascus ES, Rosemary Hills ES, Stonegate ES, Summit Hall ES, Twinbrook ES, Eastern MS, Damascus HS, Magruder HS, Poolesville HS, Wootton HS

- Other schools with significant capacity and facility needs will also be considered as part of future approach

Examples:

Broad Acres ES, Burnt Mills ES, South Lake ES, Neelsville MS

MCPS State CIP Funding History FY 2007-2018

(\$000s)

Fiscal Year	MCPS Approved Capital Budget	MCPS State Aid Request	Statewide Allocation	MCPS State Aid Approved	Percentage of State Aid Received
2007	\$257.1	\$125.2	\$322.7	\$40.0	12.4%
2008	\$239.2	\$133.9	\$401.8	\$52.3	13.0%
2009	\$236.5	\$132.7	\$340.0	\$46.3	13.6%
2010	\$190.3	\$113.8	\$266.7	\$28.4	10.6%
2011	\$247.5	\$139.1	\$263.7	\$30.2	11.5%
2012	\$221.3	\$163.5	\$311.6	\$42.0	13.5%
2013	\$272.5	\$184.5	\$349.2	\$43.1	12.3%
2014	\$244.7	\$149.3	\$320.8	\$35.1	10.9%
2015	\$247.5	\$162.9	\$325.3	\$39.9	12.3%
2016*	\$283.3	\$147.9	\$338.2	\$45.7	13.5%
2017*	\$305.0	\$149.9	\$368.4	\$50.1	13.6%
2018*	\$292.2	\$119.1	\$387.4	\$59.2	15.3%
	\$3,037.1	\$1,721.8	\$3,995.8	\$512.3	12.8%

* Includes funding from the Local School Systems with Significant Enrollment Growth or Relocatable Classrooms.

**Share of State and County Funds
For MCPS Construction Budget FY 2007-2018**
(\$000s)

Fiscal Year	State Funds	County Funds	Total Funds	% State	% County
2007	\$40.0	\$217.1	\$257.1	15.6%	84.4%
2008	\$52.3	\$186.9	\$239.2	21.9%	78.1%
2009	\$46.3	\$190.2	\$236.5	19.6%	80.4%
2010	\$28.4	\$161.9	\$190.3	14.9%	85.1%
2011	\$30.2	\$217.3	\$247.5	12.2%	87.8%
2012	\$42.0	\$179.3	\$221.3	19.0%	81.0%
2013	\$43.1	\$229.4	\$272.5	15.8%	84.2%
2014	\$35.1	\$209.6	\$244.7	14.3%	85.7%
2015	\$39.9	\$207.5	\$247.4	16.1%	83.9%
2016*	\$45.7	\$243.5	\$289.2	15.8%	84.2%
2017*	\$50.1	\$254.9	\$305.0	16.4%	83.6%
2018*	\$59.2	\$233.0	\$292.2	20.3%	79.7%
Totals	\$512.3	\$2,530.6	\$3,042.9	16.8%	83.2%

*Includes funding from the Local School Systems with Significant Enrollment Growth or Relocatable Classrooms.

Discussion