

ED COMMITTEE #1 & 2  
February 5, 2018

**Worksession**

**MEMORANDUM**

February 1, 2018

TO: Education Committee

FROM: Keith Levchenko, Senior Legislative Analyst *KL*  
Craig Howard, Senior Legislative Analyst *CH*

SUBJECT: **Agenda Item #1:** MCPS Briefing on Enrollment and Demographic Trends and Subdivision Staging Policy Summary

**Agenda Item #2:** FY19-24 Montgomery County Public Schools (MCPS) Capital Improvements Program (CIP) Review

**Council Staff Packet Summary**

- **Enrollment and Demographic Trends (Pages 2-3)**
- **Subdivision Staging Policy Summary (FY18 and FY19 tests and “Solution” projects (Pages 3-6)**
- **MCPS FY19-24 CIP Summary**
  - Fiscal Summary (Pages 6-7)
  - CIP Priorities (Page 9)
  - **“Consent” Projects (Pages 9-10):** Council Staff recommends preliminary approval (subject to final reconciliation in early May) of projects that have no major changes in cost, scope, or timing and/or are already under construction.
  - **Countywide “Systemic” and Other Projects (Pages 11-16):** Council Staff discusses specific systemic projects and in some cases identifies potential changes in some projects that the Council may wish to consider at CIP reconciliation in May.

**Council Staff Recommendations/Comments**

- **Given the affordability challenges of the CIP, Council Staff recommends that the Committee ask MCPS to provide a “non-recommended” MCPS CIP scenario and/or priority list of reductions from its CIP Request in time for Education Committee consideration in late April.**
- MCPS CIP affordability issues will be discussed in late April after state action on state aid for school construction.
- Projects not reviewed in this memorandum will be discussed at the Education Committee’s February 26 meeting.

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

### **MCPS**

Michael A. Durso, President, Board of Education  
Shebra L. Evans, Vice President, Board of Education  
Patricia O'Neil, Member, Board of Education  
Rebecca Smondrowski, Member, Board of Education  
Dr. Andrew M. Zuckerman, Chief Operating Officer  
James Song, Director, Department of Facilities Management  
Adrienne Karamihas, Budget and Operations Manager, Department of Facilities Management

### **County Government**

Erika Lopez-Finn, Office of Management and Budget

### **Attachments<sup>1</sup>**

- County Executive's Recommended FY19-24 CIP for MCPS (©1-22))
- Preliminary Subdivision Staging Policy School Test by School Cluster and Level for FY19 (based on the Board of Education Request (©23-27)
- Excerpt from the Seventh Report of the Infrastructure Maintenance Task Force (IMTF) (©28-30)
- General Obligation Bond Adjustment Chart (from CE Recommended FY19-24 CIP) (©31)
- Excerpts from the Board of Education's FY19-24 Proposed CIP (©32-91)

## **ENROLLMENT AND DEMOGRAPHIC TRENDS**

### **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, Acting Director of the Division of Capital Programming in the Department of Facilities Management, will provide the Committee with a presentation on enrollment and demographic trends and forecasts. 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.

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<sup>1</sup>The 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>.

- 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 ©37).

### **Race/Ethnic and Economic Diversity**

Ms. Karamihas will also talk about 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).

### **SUBDIVISION STAGING POLICY (SSP) SUMMARY**

The Subdivision Staging Policy School Test looks at projected enrollment and capacity at the beginning of the 6<sup>th</sup> school year of the CIP period.

For the Amended FY17-22 CIP approved last year, the test period was September 2022. For the FY19-24 CIP currently under review, the test period is September 2023. The test includes calculations involving the 25 high school clusters at each school level (elementary, middle, and high school) as well as calculations for each individual middle and elementary school. For the cluster level test, the Northeast Consortium schools and the Downcounty Consortium schools are divided into their home high school areas.

A development moratorium (in which the Planning Board must not approve a residential subdivision in that cluster or school area during the upcoming fiscal year) is triggered in a particular cluster or in an individual school's assignment area under the following circumstances:

- **Cluster utilization is over 120 percent at one or more school levels.**
- **Utilization at a specific middle or elementary school is over 120 percent AND the seat deficit thresholds at the school are at or above 180 seats for a middle school or 110 seats for an elementary school.**

A development moratorium can be avoided if approved projects in other clusters and/or school reassignments are identified as providing sufficient capacity to the cluster or school area prior to the 6<sup>th</sup> schoolyear in the CIP. Moratoriums can also be avoided through the approval of cluster-wide or specific school solution projects (see next section).

## **Subdivision Staging Policy (SSP) FY18 Test**

Currently, no school clusters are in moratorium under the FY18 SSP test (test year 2022-23). However, a number of individual elementary school areas are in moratorium (see ©7).

## **Approved Cluster/School Solution Projects**

The Approved FY17-22 CIP as amended includes eight “school/cluster solution”<sup>2</sup> projects. No new solution projects are assumed (at this time) in the 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 of Education’s Proposed CIP deals with these projects:

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<sup>2</sup> A “school/cluster solution” project is a placeholder project with dollars for classroom space in the outyears of the CIP that provides sufficient capacity to keep a school and/or the cluster below the 120 percent moratorium threshold and/or below the 110 ES seat and 180 ES seat deficits in specific elementary and middle schools. The Council utilizes placeholder projects only in cases where MCPS has the capability to add the required space within the window of the school test period.

**Table 1: Board of Education Proposals Regarding  
the FY17-22 Amended CIP Solution Projects**

Cluster	FY24 w/o Placeholder	Placeholder Seats Added	Result	Comment
<b>Clarksburg ES and Cedar Grove ES Solution</b>				
Combined ES Enrollment	1,211	322	1,211	<b>Approved:</b> 14 classrooms funded to provide space to address both schools. FY18 feasibility planning approved for a feasibility study for a new Clarksburg ES. <b>BOE Proposed: Remove solution project.</b> 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.
Combined School Capacity	730		1,052	
seats available (deficit)	(481)		(159)	
utilization rate	165.9%		115.1%	
<b>FY19 SSP Test: Fails w/o project.</b>				
<b>Neelsville MS Solution</b>				
Middle School Enrollment	1,054	100	1,054	<b>Approved:</b> 4 classrooms funded in solution project. <b>BOE Proposed: Remove solution project.</b> 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.
Middle School Enrollment	914		1,014	
seats available (deficit)	(140)		(40)	
utilization rate	115.3%		103.9%	
<b>FY19 SSP Test: Passes test without placeholder.</b>				
<b>Montgomery Blair Cluster HS Solution</b>				
High School Enrollment	3,616	135	3,616	<b>Approved:</b> 6 classrooms funded in cluster solution project. A comprehensive capacity study for the Downcounty Consortium high schools was done in Spring 2017. <b>BOE Proposed: Remove solution project.</b> Add New Northwood HS Addition/Facility Upgrade, Kennedy HS addition and Woodward HS Reopening Project
High School Capacity	2,920		3,055	
seats available (deficit)	(696)		(561)	
utilization rate	123.8%		118.4%	
<b>FY19 SSP Test: Fails w/o project.</b>				
<b>Albert Einstein Cluster HS Solution</b>				
High School Enrollment	2,260	315	2,260	<b>Approved:</b> 14 classrooms funded in cluster solution project. A comprehensive capacity study for the Downcounty Consortium high schools was done in Spring 2017. <b>BOE Proposed: Same as approved.</b> Add New Northwood HS Addition/Facility Upgrade, Kennedy HS addition and Woodward HS Reopening Project
High School Capacity	1,612		1,927	
seats available (deficit)	(648)		(333)	
utilization rate	140.2%		117.3%	
<b>FY19 SSP Test: Fails w/o project.</b>				
<b>Northwood Cluster HS Solution</b>				
High School Enrollment	2,142	400	2,142	<b>Approved:</b> 16 classrooms funded in cluster solution project. A comprehensive capacity study for the Downcounty Consortium high schools was done in Spring 2017. <b>BOE Proposed: Remove solution project.</b> Add Northwood HS Addition/Facility Upgrade.
High School Capacity	1,517		1,917	
seats available (deficit)	(625)		(225)	
utilization rate	141.2%		111.7%	
<b>FY19 SSP Test: Fails w/o project.</b>				
<b>Walter Johnson Cluster HS Solution</b>				
High School Enrollment	3,118	225	3,118	<b>Approved:</b> 10 classrooms funded in cluster solution project. BOE to study the reopening of Woodward HS and look at other alternative programmatic options. <b>BOE Proposed: Remove solution project.</b> Add Woodward HS Reopening project.
High School Capacity	2,330		2,555	
seats available (deficit)	(788)		(563)	
utilization rate	133.8%		122.0%	
<b>FY19 SSP Test: Fails with current solution project.</b>				
<b>Clopper Mill ES and Ronald McNair ES Solution</b>				
Combined ES Enrollment	1,354	184	1,354	<b>Approved:</b> 8 classrooms funded to provide space to address both schools. FY18 feasibility planning approved for a feasibility study for a new Clarksburg ES. <b>BOE Proposed: Remove solution project.</b> Add new addition project at Ronald McNair ES. Continue to monitor enrollment at Clopper Mill ES.
Combined School Capacity	1,106		1,290	
seats available (deficit)	(248)		(64)	
utilization rate	122.4%		105.0%	
<b>FY19 SSP Test: McNair ES Fails w/o project.</b>				

In the Board's Proposed CIP, most of the solution projects are being replaced with specific projects that, if approved by the Council, would provide the additional seats needed to avoid a moratorium.

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. **This issue will be discussed further with MCPS and brought back to the ED Committee later.**

The Walter Johnson Cluster HS Solution project is not included in the Proposed CIP, although additional capacity is needed to avoid a moratorium. See further discussion below.

### **Subdivision Staging Policy (SSP) FY19 Test**

Based on the FY19-24 MCPS CIP as proposed by the Board, no clusters fail the FY19 SSP test (test year 2023-24) at the elementary or middle school level (see ©23). At the high school cluster level (see ©24), the Walter Johnson cluster will go into moratorium (with or without its approved cluster solution project). The Board's proposed CIP removed the solution project. However, if it were kept in the CIP and its scope increased from 10 classrooms to at least 12 classrooms, a moratorium would be avoided. This may not be necessary, however, as sufficient seats from the Woodward HS Reopening likely could be allocated to relieve Walter Johnson HS. **This issue will be discussed further with MCPS and brought back to the ED Committee later.**

No individual middle school areas would go into moratorium.

At the elementary school test level (see ©25-26), a number of schools will go into moratorium unless additional seats are allocated in the CIP from specific school projects or from newly created solution projects. These schools include: Bethesda ES and Somerset ES in the B-CC Cluster; Burnt Mills ES and Stonegate ES in the Blake Cluster (Northeast Consortium); Rosemont ES, Strawberry Knoll ES, and Summit Hall ES in the Gaithersburg Cluster; Ashburton ES in the Walter Johnson Cluster, Judith A. Resnik ES in the Magruder Cluster, Highland View ES in the Northwood Cluster (Downcounty Consortium), and Lake Seneca ES in the Seneca Valley Cluster. Council Staff will work with MCPS and Planning Department staff to determine what options there may be to address the capacity needs for these schools by September 2023 and what the implications would be of a moratorium in these school areas.

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. These implications can be discussed when the Committee makes final recommendations to the Council on the MCPS CIP (most likely in mid to late April).

## **MCPS FY19-24 CAPITAL IMPROVEMENTS PROGRAM REVIEW**

### **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 recommendations.

**Table 2:  
FY19-24 versus Amended FY17-22 Expenditures (in 000's)**

	Six-Year	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
<b>FY17-22 Amended</b>	<b>1,743,729</b>	<b>311,367</b>	<b>292,202</b>	<b>312,109</b>	<b>305,515</b>	<b>278,794</b>	<b>243,742</b>		
<b>FY17-22 Board Request</b>	<b>1,830,372</b>			<b>363,500</b>	<b>349,607</b>	<b>347,928</b>	<b>299,452</b>	<b>255,955</b>	<b>213,930</b>
change from amended	86,643	5.0%		51,391	44,092	69,134	55,710		
<b>FY19-24 CE Recommended</b>	<b>1,751,229</b>			<b>310,635</b>	<b>299,608</b>	<b>284,918</b>	<b>272,890</b>	<b>296,619</b>	<b>286,559</b>
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 ©37. 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 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 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 ©31).**

## 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 ©38), up until the EGRC fund was created, the County typically received \$30 to \$40 million per year, as shown in Table #3 below.

**Table #3:**  
**State Aid for School Construction**  
**FY09-FY18 (in millions)**

Fiscal Year	LEA Requests	Statewide Allocation	MCPS Request	% of Statewide Approved	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 \$23.8 million as part of the Interagency Committee on School Construction (IAC) "75 percent" allocation. Another \$70 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), plus the FY19 EGRC dollars the County is expected to receive. **We will not know the final outcome of MCPS' regular state aid for school construction request until late April (after Sine Die and Board of Public Works final action).** In addition, we don't know whether MCPS will receive another bump in EGRC funding like it received in FY18.



## Council Staff Recommendation

Given the likely 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 recommends a similar affordability process this year as has been done in past years. **Council Staff recommends that the ED Committee ask MCPS to review its FY19-24 Proposed CIP and develop a revised expenditure scenario (as the Board did last year). This scenario should reduce 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 shortfall<sup>3</sup> in state aid for school construction from what the Executive has recommended.**

**This package should be provided to the ED Committee by no later than mid-April so that the ED Committee has time to make final affordability recommendations prior to CIP reconciliation by the Council in early May.**

## CIP PRIORITIES

MCPS' capital improvement priorities are noted in Chapter 3 of the Superintendent's Recommended FY2017 Capital Budget and the FY 2017-2022 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.

## 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). They are summarized below.

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

## 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.**

**Table 4: Individual School Projects Under Construction**

Project Name (completion date)	6 Year	FY19	FY20	FY21	FY22	FY23	FY24	Comment	Opening Date	Seats Added
Ashburton ES Addition	6,338	5,314	1,024					4 classroom addition under construction	Sept. 2019	104
Lucy V. Bamsley ES Addition	1,683	1,683						11 classroom addition under construction	Sept. 2018	274
Bethesda-Chevy Chase HS Addition	4,659	4,659						33 classroom addition under construction	Sept. 2018	391
Clarksburg Cluster ES (Clarksburg Village Site #2)	29,676	18,202	11,474					New School under construction	Sept. 2019	741
Diamond ES Addition	677	677						7 classroom addition already open. Sitework ongoing	Sept. 2018	168
Kensington-Parkwood ES Addition	932	932						14 classroom addition under construction	Sept. 2018	298
S. Christa McAuliffe ES Addition	5,026	4,235	791					10 classroom addition under construction	Sept. 2019	191
North Bethesda MS Addition	1,540	1,540						17 classroom addition under construction	Sept. 2018	367
<b>Totals</b>	<b>50,531</b>	<b>37,242</b>	<b>13,289</b>	-	-	-	-			<b>2,534</b>

## 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.<sup>4</sup> 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.**

## 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).**

**Table 5: 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
<b>Totals</b>	<b>56,068</b>	<b>10,678</b>	<b>10,678</b>	<b>8,678</b>	<b>8,678</b>	<b>8,678</b>	<b>8,678</b>	

<sup>4</sup> MCPS practice has been that at least a deficit of 92 seats (for elementary school), 150 seats (for middle school), and 200 seats (for high school) by the end of the six-year planning period are needed for consideration of a classroom addition. However, for fiscal reasons, for inclusion of an addition in the FY17-22 CIP, MCPS is assuming a deficit of at least 125 seats at elementary schools. In the FY15-20 CIP, the threshold for consideration of elementary school additions was 150 seats.

## Countywide “Systemic” and Other Projects

### **Countywide Projects Overall**

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.

Descriptions of most of the countywide projects included in the Board’s FY19-24 request are included in the following pages, except for the Rev/Ex Project, the Major Capital Facilities Project, and the Outdoor Play Space Maintenance Project. Council Staff will provide detailed information on these projects for the Committee’s review and discussion at the February 26 worksession.

### **Facility Planning: MCPS** (PDF on ©77)

	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 (PDF on ©81)**

	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.**

**Rehab/Renovation of Closed Schools (RROCS) (PDF on ©85)**

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.**

**Blair G. Ewing Center Relocation (PDF on ©51)**

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 included 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.**

**Restroom Renovations (PDF on ©87)**

	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.**

#### **School Security Systems (PDF on ©89)**

	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.<sup>5</sup>

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.**

#### **Building Modifications and Program Improvements (PDF on ©74)**

	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;

<sup>5</sup> [http://www.montgomeryschoolsmd.org/uploadedFiles/departments/security-new/0204.18\\_MCPS%20InternalReview.pdf](http://www.montgomeryschoolsmd.org/uploadedFiles/departments/security-new/0204.18_MCPS%20InternalReview.pdf)

- 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.

### **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 ©28-30.

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. **Additionally, when the Committee discusses the changes to the Rev/Ex Project in more detail at the next MCPS CIP worksession, Council Staff recommends discussing with MCPS how it anticipates coordinating these projects with the new structure.**

### **Roof Replacement: MCPS (PDF on ©88)**

	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 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.

#### **Planned Lifecycle Asset Replacement (PLAR): MCPS (PDF on ©84)**

	Total 6 Years	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
<b>FY17-22 Amended</b>	<b>44,042</b>	<b>11,578</b>	<b>9,750</b>	<b>4,741</b>	<b>5,991</b>	<b>5,991</b>	<b>5,991</b>		
<b>FY19-24 BOE Request</b>	<b>58,000</b>			<b>12,000</b>	<b>12,000</b>	<b>8,500</b>	<b>8,500</b>	<b>8,500</b>	<b>8,500</b>
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 ©28-29. 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.

#### **HVAC (Mechanical Systems) Replacement: MCPS (PDF on ©79)**

	Total 6 Years	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
<b>FY17-22 Amended</b>									
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: MCPS	8,982	1,497	1,497	1,497	1,497	1,497	1,497		
<b>Total HVAC/Energy Cons/IAQ</b>	<b>174,324</b>	<b>31,554</b>	<b>21,554</b>	<b>21,554</b>	<b>32,054</b>	<b>31,554</b>	<b>36,054</b>		
<b>FY19-24 BOE Request</b>									
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 (©29) 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.

#### Attachments

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# 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

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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
<b>Construction:</b>				
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
<b>Subtotal, Construction</b>	<b>363,624</b>	<b>67,343</b>	<b>23,817</b>	<b>43,526</b>
<b>Planning &amp; Construction:</b>				
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
<b>Subtotal, Plan. &amp; Construct.</b>	<b>364,238</b>	<b>43,525</b>		<b>43,525</b>
<b>Countywide:</b>				
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				
<b>Subtotal, Countywide</b>	<b>29,380</b>	<b>7,333</b>		<b>7,333</b>
<b>Total, All Projects</b>	<b>757,242</b>	<b>118,201</b>	<b>23,817</b>	<b>94,384</b>

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**

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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
<b>CLUSTER TEST</b> Inadequate if cluster is over 120% utilization, by level Test year 2022–2023	<b>MORATORIUM</b> Moratorium required in cluster service areas that are inadequate.			
	<b>OPEN CONDITIONALLY</b> Placeholder projects prevent these cluster service areas from entering moratoria. See notes.			Montgomery Blair (123.5%) Albert Einstein (138.4%) Walter Johnson (130.3%) Northwood (142.7%)
	<b>OPEN CONDITIONALLY</b> Planned projects in other clusters and/or reassignments prevent these cluster service areas from entering moratoria. See notes.			Clarksburg (133.3%)
<b>INDIVIDUAL SCHOOL TEST</b> 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	<b>MORATORIUM</b> 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%)		
	<b>OPEN CONDITIONALLY</b> Placeholder projects prevent these school service areas from entering moratoria. See notes.	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%)	
	<b>OPEN CONDITIONALLY</b> Planned projects in other schools and/or reassignments prevent these school service areas from entering moratoria. See notes.	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 at 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 <sup>1</sup>
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 <sup>2</sup>
Damascus	1396	1556	89.7%	Adequate	Open
Albert Einstein	2244	1621	138.4%	Inadequate	Open Conditionally <sup>3</sup>
Gaithersburg	2736	2393	114.3%	Adequate	Open
Walter Johnson	3024	2321	130.3%	Inadequate	Open Conditionally <sup>4</sup>
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 <sup>5</sup>
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

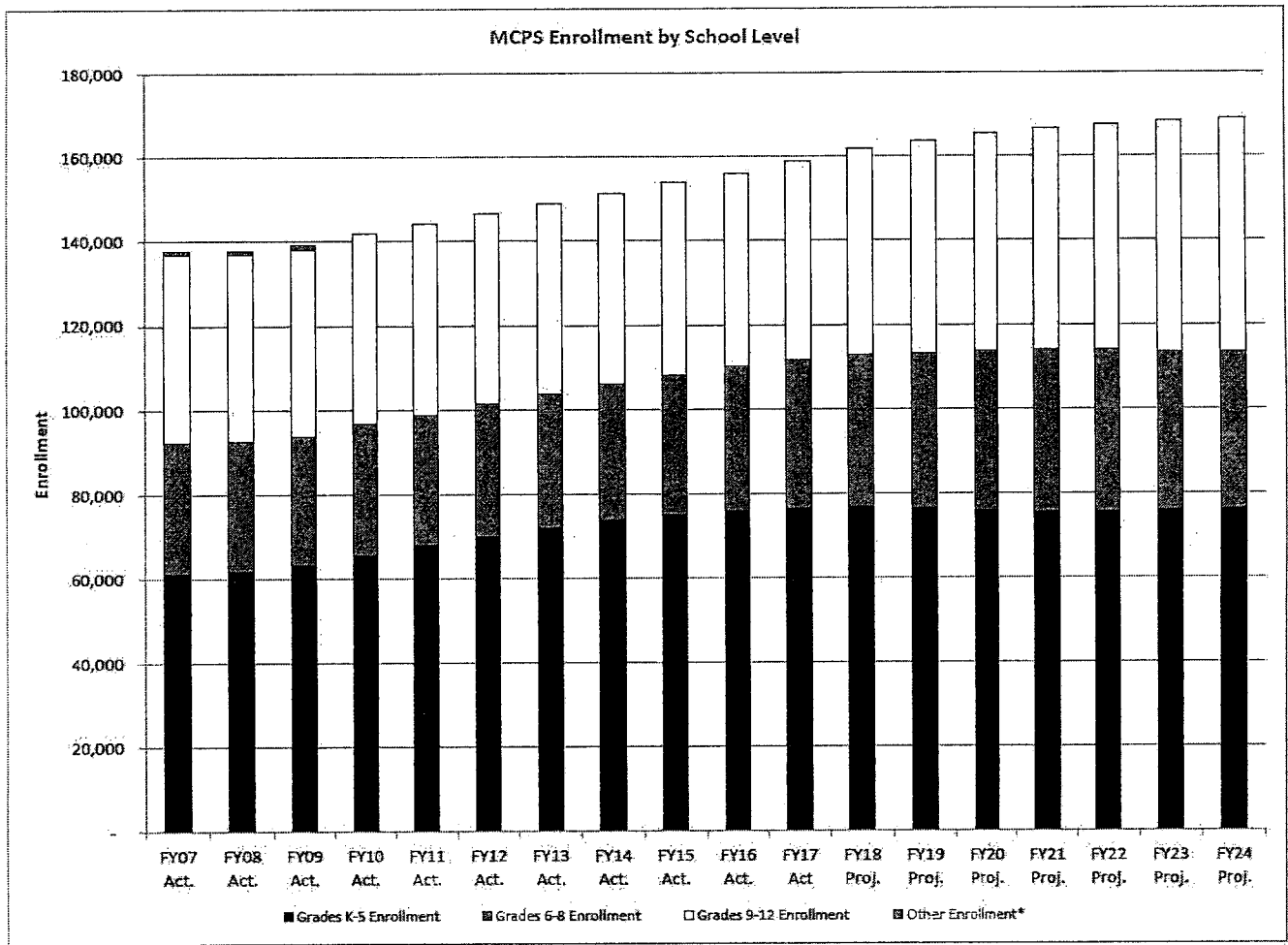
<sup>1</sup> Montgomery Blair High School placeholder project for a 6-classroom addition.

<sup>2</sup> CIP solution to reassign students from Clarksburg High School to Seneca Valley High School.

<sup>3</sup> Albert Einstein High School placeholder project for a 14-classroom addition.

<sup>4</sup> Walter Johnson High School placeholder project for a 10-classroom addition.

<sup>5</sup> Northwood High School placeholder project for a 16-classroom addition.



# EXECUTIVE RECOMMENDATION



## Crown HS (New) (P651909)

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

### 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	-
<b>TOTAL EXPENDITURES</b>	<b>136,302</b>	<b>-</b>	<b>-</b>	<b>136,302</b>	<b>2,522</b>	<b>3,892</b>	<b>10,939</b>	<b>42,245</b>	<b>61,244</b>	<b>15,460</b>	<b>-</b>

### 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	-
<b>TOTAL FUNDING SOURCES</b>	<b>136,302</b>	<b>-</b>	<b>-</b>	<b>136,302</b>	<b>2,522</b>	<b>3,892</b>	<b>10,939</b>	<b>42,245</b>	<b>61,244</b>	<b>15,460</b>	<b>-</b>

### 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)

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

### 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	-
<b>TOTAL EXPENDITURES</b>	<b>136,302</b>	<b>-</b>	<b>-</b>	<b>136,302</b>	<b>2,522</b>	<b>3,892</b>	<b>10,939</b>	<b>42,245</b>	<b>61,244</b>	<b>15,460</b>	<b>-</b>

### 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	-
<b>TOTAL FUNDING SOURCES</b>	<b>136,302</b>	<b>-</b>	<b>-</b>	<b>136,302</b>	<b>2,522</b>	<b>3,892</b>	<b>10,939</b>	<b>42,245</b>	<b>61,244</b>	<b>15,460</b>	<b>-</b>

### 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)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	12/21/17
<b>SubCategory</b>	Countywide	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Countywide	<b>Status</b>	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	-
<b>TOTAL EXPENDITURES</b>	<b>119,969</b>	-	-	<b>119,969</b>	-	<b>4,197</b>	<b>12,663</b>	<b>19,499</b>	<b>20,063</b>	<b>63,547</b>	-

### 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	-
<b>TOTAL FUNDING SOURCES</b>	<b>119,969</b>	-	-	<b>119,969</b>	-	<b>4,197</b>	<b>12,663</b>	<b>19,499</b>	<b>20,063</b>	<b>63,547</b>	-

### 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)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	12/21/17
<b>SubCategory</b>	Countywide	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Countywide	<b>Status</b>	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	-
<b>TOTAL EXPENDITURES</b>	<b>119,969</b>	<b>-</b>	<b>-</b>	<b>119,969</b>	<b>-</b>	<b>4,197</b>	<b>12,663</b>	<b>19,499</b>	<b>20,063</b>	<b>63,547</b>	<b>-</b>

## 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	-
<b>TOTAL FUNDING SOURCES</b>	<b>119,969</b>	<b>-</b>	<b>-</b>	<b>119,969</b>	<b>-</b>	<b>4,197</b>	<b>12,663</b>	<b>19,499</b>	<b>20,063</b>	<b>63,547</b>	<b>-</b>

## 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

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

## **Disclosures**

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Expenditures will continue indefinitely.

## **Coordination**

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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)

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

### 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	-
<b>TOTAL EXPENDITURES</b>	<b>123,356</b>	-	-	<b>123,356</b>	<b>3,949</b>	<b>8,790</b>	<b>8,600</b>	<b>12,214</b>	<b>48,254</b>	<b>41,549</b>	-

### 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	-	-	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>123,356</b>	-	-	<b>123,356</b>	<b>3,949</b>	<b>8,790</b>	<b>8,600</b>	<b>12,214</b>	<b>48,254</b>	<b>41,549</b>	-

### 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)

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

## 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	-
<b>TOTAL EXPENDITURES</b>	<b>123,356</b>	<b>-</b>	<b>-</b>	<b>123,356</b>	<b>3,949</b>	<b>8,790</b>	<b>8,600</b>	<b>12,214</b>	<b>48,254</b>	<b>41,549</b>	<b>-</b>

## 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	-	-	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>123,356</b>	<b>-</b>	<b>-</b>	<b>123,356</b>	<b>3,949</b>	<b>8,790</b>	<b>8,600</b>	<b>12,214</b>	<b>48,254</b>	<b>41,549</b>	<b>-</b>

## 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

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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)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	01/04/18
<b>SubCategory</b>	Miscellaneous Projects	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Countywide	<b>Status</b>	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	-
<b>TOTAL EXPENDITURES</b>	<b>(82,162)</b>	<b>-</b>	<b>(3,019)</b>	<b>(79,143)</b>	<b>(52,865)</b>	<b>(49,999)</b>	<b>(63,010)</b>	<b>(26,562)</b>	<b>40,664</b>	<b>72,629</b>	<b>-</b>

## 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)	-	-	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>(82,162)</b>	<b>-</b>	<b>(3,019)</b>	<b>(79,143)</b>	<b>(52,865)</b>	<b>(49,999)</b>	<b>(63,010)</b>	<b>(26,562)</b>	<b>40,664</b>	<b>72,629</b>	<b>-</b>

## 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)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	01/04/18
<b>SubCategory</b>	Miscellaneous Projects	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Countywide	<b>Status</b>	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
<b>TOTAL EXPENDITURES</b>	-	-	-	-	-	-	-	-	-	-	-

## 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	-
<b>TOTAL FUNDING SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-

## 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)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	01/04/18
<b>SubCategory</b>	Miscellaneous Projects	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Countywide	<b>Status</b>	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
<b>TOTAL EXPENDITURES</b>	-	-	-	-	-	-	-	-	-	-	-

## 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	-
<b>TOTAL FUNDING SOURCES</b>	-	-	-	-	-	-	-	-	-	-	-

## 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.

# **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 BOE 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 <sup>1</sup>	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

<sup>1</sup>Capacity 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 BOE 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 2023 Enrollment	100% MGPS Program Capacity With BOE Requested FY 2019-2024 CIP	Cluster Percent Utilization in 2023-2024 School Year	School Test Result & Capacity HS	Cluster Status
Bethesda-Chevy Chase	2,463	2,407	102.3%	Adequate	Open
Montgomery Blair <sup>1</sup>	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 <sup>2</sup>	2,896	2,034	142.4%	Inadequate	Open Conditionally
Damascus	1,324	1,556	85.1%	Adequate	Open
Albert Einstein <sup>3</sup>	2,260	1,612	140.2%	Inadequate	Open Conditionally
Gaithersburg	2,736	2,393	114.3%	Adequate	Open
Walter Johnson <sup>4</sup>	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 <sup>5</sup>	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

<sup>1</sup> 6 classroom placeholder addition project reduces utilization to 118.4%

<sup>2</sup> Capacity relief to be provided by the approved capital project at Seneca Valley HS

<sup>3</sup> 14 classroom placeholder addition project reduces utilization to 117.3%

<sup>4</sup> 10 classroom placeholder addition project reduces utilization to 122.4%

<sup>5</sup> 16 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

Subdivision	Elementary School	Projected Enrollment FY 2019	Projected Enrollment FY 2019-2024 CIP	Percent Utilization FY 2019-2024 CIP	Test Result	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	469	636	73.7%	Adequate	Open
Clarksburg	Cedar Grove <sup>1</sup>	622	418	148.8%	Inadequate	Open Conditionally
Clarksburg	Clarksburg <sup>2</sup>	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 <sup>3</sup>	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	468	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	Laytonsville	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	Glenallan	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	Sequoiah	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 <sup>4</sup>	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

Cluster	Elementary Schools	Projected August 2023 Enrollment	100% MGPS Program Capacity/Min. BOS Required FY 2019-2024 CIP	Cluster Percent Utilization 2023-2024 School Year	School Seat Reserve Capacity	Cluster Status
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 <sup>5</sup>	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	683	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*	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	696	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

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

<sup>1</sup>14 classroom placeholder addition project reduces utilization at Clarksburg and Cedar Grove Elementary Schools

<sup>2</sup>14 classroom placeholder addition project reduces utilization at Clarksburg and Cedar Grove Elementary Schools

<sup>3</sup>Capacity relief to be provided by the opening of Clarksburg Village ES #2

<sup>4</sup>Capacity relief to be provided by approved capital projects at Montgomery Knolls and Pine Crest Elementary Schools

<sup>5</sup>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

Cluster Area	School	Projected August 2023 Enrollment	2023 MCPS Program Capacity With 2019-2024 CIP Requested	Cluster Percent Utilization in 2023-2024 School Year	School Responsible Capacity	Cluster Status
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	Lolederman	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	1,064	84.6%	Adequate	Open

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Capital Project	Major Element	Notes	Acceptalbe 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		
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	\$178,848,791	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	Bulding 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

28

	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		
45	PLAR: Finishes	Ceiling		20	24,752,453	sf	1,237,623	\$9	\$11,138,607	\$350,000	\$350,000	Higher	\$120,217,308	1
46		Floor		20	24,752,453	sf	1,237,623	\$8	\$9,900,984	\$675,000	\$465,000			2
47		Wall		10	53,631,732	sf	5,363,173	\$4	\$21,452,692	\$750,000	\$1,500,000			1
48	PLAR: Plumbing	System		35	24,752,453	sf	707,213	\$13	\$9,193,769	\$475,000	\$200,000	Higher	\$106,957,054	4
49		(Non Restroom) fixtures		25	24,752,453	sf	990,098	\$14	\$13,861,372	\$150,000	\$130,000			4
50	PLAR: Equipment	Lockers		20	67	schools	3	\$350,000	\$1,050,000	\$400,000	\$200,000	Higher	\$6,025,720	2
51		Playground		20	570	pieces	29	\$40,650	\$1,178,850	\$450,000	\$650,000			2
52	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
53		Curb/Gutter/Sidewalks		30	4,223,000	lf	140,767	\$12	\$1,689,204	\$250,000	\$1,500,000			2
54		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
55		Indoor Bleachers		30	64	each	2	\$125,000	\$250,000	\$100,000	\$0			1
56		Outdoor Bleacher/Grandstand		30	26	each	1	\$825,000	\$825,000	\$150,000	\$150,000			3
57		Fencing		30	1,548,460	lf	51,615	\$17	\$877,455	\$75,000	\$250,000			2
58		Athletic fields	Baseball, soccer, Football	20	273	fields	14	\$210,000	\$2,940,000	\$675,000	\$1,205,000			2
59		Stormwater Mgmt		45	160	schools	4	\$30,000	\$120,000	\$560,000	\$575,000			2
60	PLAR: QZAB Funding	QZAB funding (State)								\$901,000				
61	PLAR: ASP Funding	ASP Funding (State)								\$603,000				
62	PLAR: Total	PLAR Subtotal							\$165,912,566	\$9,750,000	\$11,000,000		\$561,660,369	
63	HVAC	Chillers		25	274	each	11	\$260,000	\$2,860,000	\$2,000,000	\$3,000,000	Higher		5
64		Distribution Systems		30	24,752,453	sf	825,082	\$26	\$21,452,132	\$11,100,000	\$20,300,000	Higher		5
65		Boilers		25	446	each	18	\$155,000	\$2,790,000	\$1,300,000	\$3,100,000	Higher		5
66		Air Handling Units		20	970	each	49	\$87,000	\$4,263,000	\$1,600,000	\$3,600,000	Higher		5
67	HVAC: Total	HVAC Subtotal							\$31,365,132	\$16,000,000	\$30,000,000	Higher	\$167,847,000	5
68	Restroom Renovation	Plumbing fixtures (restrooms)		25	16,725	each	669	\$850	\$568,650	\$750,000	\$2,000,000	Higher	\$6,217,500	4
69		Specialized Finishes		20	3,045	rest-rooms	152	\$13,880	\$2,109,760	\$250,000	\$500,000	Higher	\$7,220,800	2
70	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														

# GENERAL OBLIGATION BOND ADJUSTMENT CHART

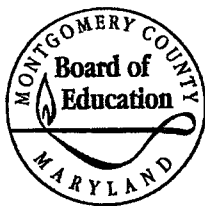
FY19-24 Capital Improvements Program

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	188.000	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	(533.329)	(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)	(88.851)
MCG - OTHER	(446.518)	(126.019)	(100.857)	(76.648)	(56.195)	(50.658)	(36.141)
Programming Adjustment - Unspent Prior Years*	83.594	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.



## 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

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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.

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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

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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

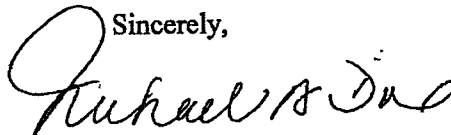
Funding for the CIP continues to be complex. Local funding sources such as County General Obligation bonds, current revenue, the county Recordation Tax, and the School Impact Tax are utilized in conjunction with state aid to fund the CIP. For FY 2019, the revised state aid request is \$118,201,000. This 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. Ikheola

**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
<b>Individual School Projects</b>											
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				
<b>Clarksburg Cluster ES #9 (New)</b>	<b>2,981</b>	<b>38,486</b>			<b>38,486</b>	<b>1,192</b>	<b>5,156</b>	<b>21,864</b>	<b>10,274</b>		
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					
<b>DuFief ES Addition/Facility Upgrade</b>	<b>2,910</b>	<b>38,028</b>			<b>38,028</b>	<b>1,182</b>	<b>4,234</b>	<b>22,625</b>	<b>9,987</b>		
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			
<b>John F. Kennedy HS Addition</b>	<b>3,875</b>	<b>20,578</b>			<b>20,578</b>	<b>1,610</b>	<b>3,217</b>	<b>4,000</b>	<b>6,978</b>	<b>4,773</b>	
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				
<b>Ronald McNair ES Addition</b>	<b>1,024</b>	<b>11,403</b>			<b>11,403</b>	<b>512</b>	<b>4,848</b>	<b>2,252</b>	<b>3,791</b>		
Montgomery Knolls ES Addition (for Forest Knolls ES)	5,781	6,605	273	218	6,114	3,227	2,443	444			
<b>Roscoe Nix ES Addition (for JoAnn Leleck ES @ Broad Acres)</b>	<b>589</b>	<b>6,372</b>			<b>6,372</b>	<b>236</b>	<b>1,781</b>	<b>3,606</b>	<b>749</b>		
North Bethesda MS Addition		21,593	11,885	8,168	1,540	1,540					
<b>Northwood HS Addition/Facility Upgrade</b>	<b>9,873</b>	<b>123,356</b>			<b>123,356</b>	<b>3,949</b>	<b>8,790</b>	<b>8,600</b>	<b>12,214</b>	<b>48,254</b>	<b>41,549</b>
<b>Parkland MS Addition</b>	<b>1,240</b>	<b>14,638</b>			<b>14,638</b>	<b>496</b>	<b>4,032</b>	<b>8,323</b>	<b>1,787</b>		
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					
<b>Silver Spring International MS Addition</b>	<b>3,010</b>	<b>35,140</b>			<b>35,140</b>	<b>930</b>	<b>8,210</b>	<b>12,346</b>	<b>8,654</b>	<b>5,000</b>	
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	
<b>Woodward HS Reopening</b>	<b>35,245</b>	<b>120,235</b>			<b>120,235</b>	<b>3,063</b>	<b>17,600</b>	<b>7,040</b>	<b>36,400</b>	<b>35,450</b>	<b>20,682</b>
<b>Countywide Projects</b>											
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				
<b>Land Acquisition</b>	<b>12,000</b>				<b>12,000</b>	<b>12,000</b>					
<b>Major Capital Projects</b>		<b>119,969</b>			<b>119,969</b>		<b>4,197</b>	<b>12,663</b>	<b>19,499</b>	<b>20,063</b>	<b>63,547</b>
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
<b>Total Requested CIP</b>	<b>385,685</b>	<b>3,621,390</b>	<b>1,519,296</b>	<b>283,722</b>	<b>1,830,372</b>	<b>363,500</b>	<b>349,607</b>	<b>347,928</b>	<b>299,452</b>	<b>255,955</b>	<b>213,930</b>

Bold indicates new project to approved CIP.

## 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
		<b>Balance of Funding (Forward-Funded)</b>				
1	Y	Wayside ES Revitalization/Expansion	24,074	18,581	3,036	2,457
		<b>Subtotal</b>	<b>24,074</b>	<b>18,581</b>	<b>3,036</b>	<b>2,457</b>
		<b>Balance of Funding</b>				
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
		<b>Subtotal</b>	<b>270,462</b>	<b>212,272</b>	<b>7,662</b>	<b>50,528</b>
		<b>Systemic Projects</b>				
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	Sequoyah 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
		<b>Subtotal</b>	<b>29,380</b>	<b>22,047</b>	<b>0</b>	<b>7,333</b>
		<b>Construction Funding</b>				
24	Y	Thomas Edison HS of Technology Revitalization/Expansion	69,088	54,730		14,358
		<b>Subtotal</b>	<b>69,088</b>	<b>54,730</b>	<b>0</b>	<b>14,358</b>
		<b>Planning and Construction Request (Forward-funded)</b>				
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
		<b>Subtotal</b>	<b>364,238</b>	<b>283,902</b>	<b>0</b>	<b>43,525</b>
		<b>Planning Approval Request</b>				
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
		<b>TOTAL</b>	<b>757,242</b>	<b>591,532</b>	<b>10,698</b>	<b>118,201</b>

\*Split-FY Funding Request

## Ashburton ES Addition (P651514)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/22/17
<b>SubCategory</b>	Individual Schools	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	North Bethesda-Garrett Park	<b>Status</b>	Planning Stage

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,206	603	482	121	121	-	-	-	-	-	-
Site Improvements and Utilities	1,865	-	1,399	466	466	-	-	-	-	-	-
Construction	10,243	-	5,122	5,121	4,097	1,024	-	-	-	-	-
Other	630	-	-	630	630	-	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>13,944</b>	<b>603</b>	<b>7,003</b>	<b>6,338</b>	<b>5,314</b>	<b>1,024</b>	-	-	-	-	-

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	13,286	406	6,542	6,338	5,314	1,024	-	-	-	-	-
School Facilities Payment	658	197	461	-	-	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>13,944</b>	<b>603</b>	<b>7,003</b>	<b>6,338</b>	<b>5,314</b>	<b>1,024</b>	-	-	-	-	-

### OPERATING BUDGET IMPACT (\$000s)

Maintenance				310	-	62	62	62	62	62	62
Energy				125	-	25	25	25	25	25	25
<b>NET IMPACT</b>				<b>435</b>	-	<b>87</b>	<b>87</b>	<b>87</b>	<b>87</b>	<b>87</b>	<b>87</b>

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	433	Year First Appropriation	FY16
Appropriation FY 20 Request	-	Last FY's Cost Estimate	13,944
Cumulative Appropriation	13,511		
Expenditure / Encumbrances	1,205		
Unencumbered Balance	12,306		

## Project Description

Enrollment projections at Ashburton Elementary School reflect a need for an addition. Ashburton Elementary School has a program capacity for 628 students. Enrollment is expected to reach 835 students by the 2020-2021 school year. A feasibility study was conducted in FY 2013 to determine the cost and scope of the project. In the approved FY 2015-2020 CIP, while the planning funds for this project remain on the schedule requested by the Board of Education, due to fiscal constraints, the construction funds were programmed one year later, with a completion date of August 2020. The Board of Education's requested FY2015-2020 Amended CIP reinstated the construction schedule previously requested by the Board. Due to fiscal constraints, the County Council did not approve the Board's request. Based on new enrollment projections, this school has one of the highest space deficits of projects approved in the Amended FY2015-2020 CIP. Therefore, the Board of Education, in the FY 2017-2022 CIP accelerated this project one year. An FY 2017 appropriation was approved for planning funds. An FY 2018 appropriation was approved for construction funds. An FY 2019 appropriation is requested for the balance of funding. This project is scheduled to be completed August 2019.

## 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

## Lucy V. Barnsley ES Addition (P651504)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/26/17
<b>SubCategory</b>	Individual Schools	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Rockville	<b>Status</b>	Planning Stage

Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,156	1,040	116	-	-	-	-	-	-	-
Site Improvements and Utilities	1,660	1,245	415	-	-	-	-	-	-	-
Construction	10,530	4,915	3,932	1,683	1,683	-	-	-	-	-
Other	578	-	578	-	-	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>13,924</b>	<b>7,200</b>	<b>5,041</b>	<b>1,683</b>	<b>1,683</b>	-	-	-	-	-

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	11,872	6,841	3,348	1,683	1,683	-	-	-	-	-
School Facilities Payment	12	12	-	-	-	-	-	-	-	-
Schools Impact Tax	2,040	347	1,693	-	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>13,924</b>	<b>7,200</b>	<b>5,041</b>	<b>1,683</b>	<b>1,683</b>	-	-	-	-	-

### OPERATING BUDGET IMPACT (\$000s)

Maintenance	690	115	115	115	115	115	115
Energy	282	47	47	47	47	47	47
<b>NET IMPACT</b>	<b>972</b>	<b>162</b>	<b>162</b>	<b>162</b>	<b>162</b>	<b>162</b>	<b>162</b>

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	700	Year First Appropriation	FY16
Appropriation FY 20 Request	-	Last FY's Cost Estimate	13,224
Cumulative Appropriation	13,224		
Expenditure / Encumbrances	1,363		
Unencumbered Balance	11,861		

## Project Description

Enrollment projections at Lucy V. Barnsley Elementary School reflect a need for an addition. Lucy V. Barnsley Elementary School has a program capacity for 411 students. Enrollment is expected to reach 619 students by the 2020-2021 school year. A feasibility study was conducted in FY 2013 to determine the cost and scope of the project. An FY 2015 appropriation was approved to begin planning this addition. While the planning funds remain on the schedule requested by the Board of Education, due to fiscal constraints, the construction funds were programmed one year later in the approved FY 2015-2020 CIP, with a completion date of August 2018. The Board of Education's requested FY 2015-2020 Amended CIP reinstated the construction schedule previously requested by the Board. Due to fiscal constraints, the County Council did not approve the Board's request. An FY 2017 appropriation was approved for construction funds. An FY 2018 appropriation was approved for the balance of construction funding. An FY 2019 appropriation is requested to complete this project. This project is scheduled to be completed by September 2018.

## 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



## Bethesda-Chevy Chase HS Addition (P651513)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/22/17
<b>SubCategory</b>	Individual Schools	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Bethesda-Chevy Chase and Vicinity	<b>Status</b>	Planning Stage

Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	2,808	2,527	281	-	-	-	-	-	-	-
Site Improvements and Utilities	5,970	4,678	1,292	-	-	-	-	-	-	-
Construction	31,029	10,581	15,789	4,659	4,659	-	-	-	-	-
Other	1,590	-	1,590	-	-	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>41,397</b>	<b>17,786</b>	<b>18,952</b>	<b>4,659</b>	<b>4,659</b>	-	-	-	-	-

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	37,798	17,139	16,000	4,659	4,659	-	-	-	-	-
School Facilities Payment	960	647	313	-	-	-	-	-	-	-
Schools Impact Tax	2,639	-	2,639	-	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>41,397</b>	<b>17,786</b>	<b>18,952</b>	<b>4,659</b>	<b>4,659</b>	-	-	-	-	-

### OPERATING BUDGET IMPACT (\$000s)

Maintenance				1,824	304	304	304	304	304	304
Energy				750	125	125	125	125	125	125
<b>NET IMPACT</b>				<b>2,574</b>	<b>429</b>	<b>429</b>	<b>429</b>	<b>429</b>	<b>429</b>	<b>429</b>

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	1,750	Year First Appropriation	FY15
Appropriation FY 20 Request	-	Last FY's Cost Estimate	39,647
Cumulative Appropriation	39,647		
Expenditure / Encumbrances	-		
Unencumbered Balance	39,647		

## Project Description

Enrollment projections at Bethesda-Chevy Chase High School reflect a need for an addition. Bethesda-Chevy Chase High School has a program capacity for 1692 students. Enrollment is expected to reach 2286 students by the 2019-2020 school year. A feasibility study was conducted in FY 2013 to determine the cost and scope of the project. An FY 2015 appropriation was approved to begin planning this addition. While the planning funds for this project remain on the schedule requested by the Board of Education, due to fiscal constraints, the construction funds were programmed one year later in the approved FY 2015-2020 CIP. The Board of Education's requested FY 2015-2020 Amended CIP reinstated the construction schedule previously requested by the Board. Due to fiscal constraints, the County Council did not approve the Board's request. An FY 2017 appropriation was approved for construction funds. An FY 2018 appropriation was approved to complete this project. An FY 2019 appropriation is requested for the installation of artificial turf during the construction of this addition project. This project is scheduled to be completed August 2018.

## 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

## Burtonsville ES Addition (P651511)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/27/17
<b>SubCategory</b>	Individual Schools	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Colesville-White Oak and Vicinity	<b>Status</b>	Planning Stage

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,172	469	352	351	234	117	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>1,172</b>	<b>469</b>	<b>352</b>	<b>351</b>	<b>234</b>	<b>117</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	682	-	331	351	234	117	-	-	-	-	-
Schools Impact Tax	490	469	21	-	-	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>1,172</b>	<b>469</b>	<b>352</b>	<b>351</b>	<b>234</b>	<b>117</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

### OPERATING BUDGET IMPACT (\$000s)

Maintenance	-	-	-	-	-	-	-	-	-	-	-
Energy	-	-	-	-	-	-	-	-	-	-	-
<b>NET IMPACT</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	-	Year First Appropriation	FY16
Appropriation FY 20 Request	-	Last FY's Cost Estimate	12,818
Cumulative Appropriation	1,172		
Expenditure / Encumbrances	-		
Unencumbered Balance	1,172		

## Project Description

Enrollment projections at Burtonsville Elementary School reflect a need for an addition. Burtonsville Elementary School has a program capacity for 502 students. Enrollment is expected to reach 672 students by the 2019-2020 school year. A feasibility study was conducted in FY 2013 to determine the cost and scope of the project. While the planning funds remain on the schedule requested by the Board of Education, due to fiscal constraints, the construction funds were programmed one year later in the approved FY 2015-2020 CIP. The Board of Education's requested FY 2015-2020 Amended CIP reinstated the construction schedule previously requested by the Board. Due to fiscal constraints, the County Council did not approve the Board's request. An FY 2017 appropriation was approved for planning funds. Enrollment projections included in the FY 2019-2024 CIP indicate enrollment will fall below the 92 seat threshold by the end of the six-year period. Therefore, planning will continue, but, as part of the requested FY 2019-2024 CIP, the balance of expenditures were removed and will be considered in a future CIP.

## 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

## Clarksburg Cluster ES #9 (New) (P651901)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/27/17
<b>SubCategory</b>	Individual Schools	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Clarksburg and Vicinity	<b>Status</b>	

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	2,981	-	-	2,981	1,192	895	596	298	-	-	-
Site Improvements and Utilities	4,410	-	-	4,410	-	3,307	1,103	-	-	-	-
Construction	29,770	-	-	29,770	-	954	18,840	9,976	-	-	-
Other	1,325	-	-	1,325	-	-	1,325	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>38,486</b>	-	-	<b>38,486</b>	<b>1,192</b>	<b>5,156</b>	<b>21,864</b>	<b>10,274</b>	-	-	-

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	38,486	-	-	38,486	1,192	5,156	21,864	10,274	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>38,486</b>	-	-	<b>38,486</b>	<b>1,192</b>	<b>5,156</b>	<b>21,864</b>	<b>10,274</b>	-	-	-

### OPERATING BUDGET IMPACT (\$000s)

Maintenance				1,176	-	-	-	392	392	392	
Energy				471	-	-	-	157	157	157	
<b>NET IMPACT</b>				<b>1,647</b>	-	-	-	<b>549</b>	<b>549</b>	<b>549</b>	

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	2,981	Year First Appropriation	
Appropriation FY 20 Request	34,180	Last FY's Cost Estimate	
Cumulative Appropriation	-		
Expenditure / Encumbrances	-		
Unencumbered Balance	-		

## Project Description

The Clarksburg Master Plan allows for the development of up to 15,000 residential units. The plan includes five future elementary school sites. Little Bennett Elementary School opened in September 2006, William B. Gibbs, Jr. Elementary School opened in September 2009, and Wilson Wims Elementary School opened in September 2014. With continued growth in elementary school enrollment, another new elementary school is approved and scheduled to open September 2019. Elementary enrollment continues to grow beyond the elementary schools in the cluster and the one scheduled to open in September 2019. Therefore, the Board of Education's requested FY 2019-2024 CIP includes funds for the opening of the next elementary school in this cluster. An FY 2019 appropriation is requested to begin planning this new school. This project is scheduled to be completed September 2021.

## 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

## Clarksburg Cluster ES (Clarksburg Village Site #2) (P651713)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/26/17
<b>SubCategory</b>	Individual Schools	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Clarksburg and Vicinity	<b>Status</b>	Planning Stage

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	2,476	1,238	990	248	248	-	-	-	-	-	-
Site Improvements and Utilities	3,856	-	2,892	964	964	-	-	-	-	-	-
Construction	28,351	-	1,212	27,139	15,665	11,474	-	-	-	-	-
Other	1,325	-	-	1,325	1,325	-	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>36,008</b>	<b>1,238</b>	<b>5,094</b>	<b>29,676</b>	<b>18,202</b>	<b>11,474</b>	-	-	-	-	-

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	17,025	1,238	-	15,787	10,456	5,331	-	-	-	-	-
Schools Impact Tax	18,983	-	5,094	13,889	7,746	6,143	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>36,008</b>	<b>1,238</b>	<b>5,094</b>	<b>29,676</b>	<b>18,202</b>	<b>11,474</b>	-	-	-	-	-

### OPERATING BUDGET IMPACT (\$000s)

Maintenance				1,960	-	392	392	392	392	392	
Energy				785	-	157	157	157	157	157	
<b>NET IMPACT</b>				<b>2,745</b>	<b>-</b>	<b>549</b>	<b>549</b>	<b>549</b>	<b>549</b>	<b>549</b>	

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	1,324	Year First Appropriation	FY16
Appropriation FY 20 Request	-	Last FY's Cost Estimate	36,008
Cumulative Appropriation	34,684		
Expenditure / Encumbrances	4,012		
Unencumbered Balance	30,672		

## Project Description

The Clarksburg Master Plan allows for the development of up to 15,000 residential units. The plan includes five future elementary school sites. To accommodate the enrollment growth from the new development Little Bennett, William B. Gibbs, and Wilson Wims elementary schools were opened over the past 9 years. With continue growth in elementary school enrollment, another new elementary school is needed in this cluster. An FY 2017 appropriation was approved to begin the planning for this new elementary school in the Clarksburg Cluster. An FY 2018 appropriation was approved for construction funds. An FY 2019 appropriation is requested to complete this project. This project is schedule to be completed by September 2019.

## Coordination

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

## Cresthaven ES Addition (P651902)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/27/17
<b>SubCategory</b>	Individual Schools	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Silver Spring and Vicinity	<b>Status</b>	

Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	847	-	-	847	339	254	169	85	-	-	-
Site Improvements and Utilities	1,672	-	-	1,672	-	1,254	418	-	-	-	-
Construction	6,605	-	-	6,605	-	1,321	3,625	1,659	-	-	-
Other	342	-	-	342	-	-	342	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>9,466</b>	-	-	<b>9,466</b>	<b>339</b>	<b>2,829</b>	<b>4,554</b>	<b>1,744</b>	-	-	-

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	9,466	-	-	9,466	339	2,829	4,554	1,744	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>9,466</b>	-	-	<b>9,466</b>	<b>339</b>	<b>2,829</b>	<b>4,554</b>	<b>1,744</b>	-	-	-

### OPERATING BUDGET IMPACT (\$000s)

Maintenance				102	-	-	-	34	34	34
Energy				39	-	-	-	13	13	13
<b>NET IMPACT</b>				<b>141</b>	-	-	-	<b>47</b>	<b>47</b>	<b>47</b>

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	847	Year First Appropriation	
Appropriation FY 20 Request	8,619	Last FY's Cost Estimate	-
Cumulative Appropriation	-		
Expenditure / Encumbrances	-		
Unencumbered Balance	-		

## Project Description

Projections indicate that enrollment at JoAnn Leleck Elementary School at Broad Acres will exceed capacity throughout the six-year planning period. Due to site limitations, it would be difficult to expand the facility to meet the enrollment growth needs. Therefore, to address the space deficit, feasibility studies were conducted during the 2016-2017 school year at Cresthaven and Roscoe Nix elementary schools (paired schools), to determine if these schools can be expanded to address the space deficits at JoAnn Leleck Elementary School at Broad Acres. The Board of Education's requested FY 2019-2024 CIP includes funding for additions at both Cresthaven and Roscoe Nix elementary schools to address the overutilization at JoAnn Leleck Elementary School at Broad Acres. An FY 2019 appropriation is requested to begin planning this addition. The project is scheduled to be completed September 2021.

## 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

## Crown HS (New)

(P651909)

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

Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

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	-
<b>TOTAL EXPENDITURES</b>	<b>136,302</b>	-	-	<b>136,302</b>	<b>2,522</b>	<b>3,892</b>	<b>10,939</b>	<b>42,245</b>	<b>61,244</b>	<b>15,460</b>	-

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	136,302	-	-	136,302	2,522	3,892	10,939	42,245	61,244	15,460	-
<b>TOTAL FUNDING SOURCES</b>	<b>136,302</b>	-	-	<b>136,302</b>	<b>2,522</b>	<b>3,892</b>	<b>10,939</b>	<b>42,245</b>	<b>61,244</b>	<b>15,460</b>	-

### 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

## Diamond ES Addition (P651510)

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

Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	844	764	80	-	-	-	-	-	-	-
Site Improvements and Utilities	1,531	1,149	382	-	-	-	-	-	-	-
Construction	6,236	2,979	2,580	677	677	-	-	-	-	-
Other	536	-	536	-	-	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>9,147</b>	<b>4,892</b>	<b>3,578</b>	<b>677</b>	<b>677</b>	-	-	-	-	-

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	7,099	3,959	2,463	677	677	-	-	-	-	-
School Facilities Payment	1,030	933	97	-	-	-	-	-	-	-
Schools Impact Tax	1,018	-	1,018	-	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>9,147</b>	<b>4,892</b>	<b>3,578</b>	<b>677</b>	<b>677</b>	-	-	-	-	-

### OPERATING BUDGET IMPACT (\$000s)

Maintenance	396	66	66	66	66	66	66	66
Energy	162	27	27	27	27	27	27	27
<b>NET IMPACT</b>	<b>558</b>	<b>93</b>	<b>93</b>	<b>93</b>	<b>93</b>	<b>93</b>	<b>93</b>	<b>93</b>

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	-	Year First Appropriation	FY16
Appropriation FY 20 Request	-	Last FY's Cost Estimate	9,147
Cumulative Appropriation	9,147		
Expenditure / Encumbrances	6,645		
Unencumbered Balance	2,502		

## Project Description

Enrollment projections at Diamond Elementary School reflect a need for an addition. Diamond Elementary School has a program capacity for 463 students. Enrollment is expected to reach 615 students by the 2020-2021 school year. A feasibility study was conducted in FY 2013 to determine the cost and scope of the project. An FY 2015 appropriation was approved to begin planning this addition. While the planning funds remain on the schedule requested by the Board of Education, due to fiscal constraints, the construction funds were programmed one year later in the approved FY2015-2020 CIP. The Board of Education's requested FY 2015-2020 Amended CIP reinstated the construction schedule previously requested by the Board. Due to fiscal constraints, the County Council did not approve the Board's request. An FY 2017 appropriation was approved for construction funds. An FY 2018 appropriation was approved to complete this project. This project is scheduled to be completed by September 2018.

## Coordination

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

## DuFief ES Addition/Facility Upgrade (P651905)

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

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	2,910	-	-	2,910	1,182	894	536	298	-	-	-
Site Improvements and Utilities	4,411	-	-	4,411	-	2,308	2,103	-	-	-	-
Construction	29,382	-	-	29,382	-	1,032	18,661	9,689	-	-	-
Other	1,325	-	-	1,325	-	-	1,325	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>38,028</b>	-	-	<b>38,028</b>	<b>1,182</b>	<b>4,234</b>	<b>22,625</b>	<b>9,987</b>	-	-	-

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	38,028	-	-	38,028	1,182	4,234	22,625	9,987	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>38,028</b>	-	-	<b>38,028</b>	<b>1,182</b>	<b>4,234</b>	<b>22,625</b>	<b>9,987</b>	-	-	-

### OPERATING BUDGET IMPACT (\$000s)

Maintenance	204	-	-	-	68	68	68
Energy	75	-	-	-	25	25	25
<b>NET IMPACT</b>	<b>279</b>	-	-	-	<b>93</b>	<b>93</b>	<b>93</b>

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	2,910	Year First Appropriation	
Appropriation FY 20 Request	33,793	Last FY's Cost Estimate	-
Cumulative Appropriation	-		
Expenditure / Encumbrances	-		
Unencumbered Balance	-		

## Project Description

Projections indicate that enrollment at Rachel Carson Elementary School will exceed capacity by over 300 seats by the end of the six-year planning period. To address the overutilization at Rachel Carson Elementary School, the Board of Education approved the expansion of DuFief Elementary School. Therefore, the Board of Education's requested FY 2019-2024 CIP includes funding to provide capacity and facility upgrades at DuFief Elementary School that will require not only additional classrooms, but also reconfiguration of existing spaces and upgrades to building systems to accommodate the new student population. An FY 2019 appropriation is requested to begin the planning for this project. This project is scheduled to be completed September 2021.

## 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



## East Silver Spring ES Addition (P651714)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/27/17
<b>SubCategory</b>	Individual Schools	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Silver Spring and Vicinity	<b>Status</b>	Planning Stage

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	320	-	-	320	160	96	32	32	-	-	-
Site Improvements and Utilities	751	-	-	751	-	-	488	263	-	-	-
Construction	2,319	-	-	2,319	-	-	928	1,159	232	-	-
Other	124	-	-	124	-	-	-	124	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>3,514</b>	-	-	<b>3,514</b>	<b>160</b>	<b>96</b>	<b>1,448</b>	<b>1,578</b>	<b>232</b>	-	-

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	3,514	-	-	3,514	160	96	1,448	1,578	232	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>3,514</b>	-	-	<b>3,514</b>	<b>160</b>	<b>96</b>	<b>1,448</b>	<b>1,578</b>	<b>232</b>	-	-

### OPERATING BUDGET IMPACT (\$000s)

Maintenance	62	-	-	-	-	31	31
Energy	24	-	-	-	-	12	12
<b>NET IMPACT</b>	<b>86</b>	-	-	-	-	<b>43</b>	<b>43</b>

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	320	Year First Appropriation	FY16
Appropriation FY 20 Request	3,194	Last FY's Cost Estimate	3,514
Cumulative Appropriation	-		
Expenditure / Encumbrances	-		
Unencumbered Balance	-		

## Project Description

A comprehensive capacity study to address overutilization at several elementary schools in the lower section of the Downcounty Consortium was conducted during the 2014-2015 school year. This capacity study included the following schools: East Silver Spring, Forest Knolls, Highland View, Montgomery Knolls, New Hampshire Estates, Oak View, Takoma Park, Pine Crest, Piney Branch, Rolling Terrace, Sligo Creek and Woodlin elementary schools. As a result of the capacity study it was determined that a four classroom addition project would be constructed at East Silver Spring Elementary School to relieve the overutilization at Rolling Terrace Elementary School. An FY 2017 appropriation was requested to begin the planning for this addition. Due to fiscal constraints, the County Council's approved FY2017-2022 CIP includes a two year delay for this project. An FY 2019 appropriation is requested to begin the planning for this addition. This project is scheduled to be completed September 2022.

## Coordination

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



## Albert Einstein Cluster HS Solution (P651519)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/26/17
<b>SubCategory</b>	Individual Schools	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Kensington-Wheaton	<b>Status</b>	Planning Stage

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	577	-	-	577	-	169	293	115	-	-	-
Site Improvements and Utilities	990	-	-	990	-	-	752	238	-	-	-
Construction	4,357	-	-	4,357	-	-	1,951	1,579	827	-	-
Other	410	-	-	410	-	-	-	142	268	-	-
<b>TOTAL EXPENDITURES</b>	<b>6,334</b>	-	-	<b>6,334</b>	-	<b>169</b>	<b>2,996</b>	<b>2,074</b>	<b>1,095</b>	-	-

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	6,321	-	(13)	6,334	-	169	2,996	2,074	1,095	-	-
School Facilities Payment	13	-	13	-	-	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>6,334</b>	-	-	<b>6,334</b>	-	<b>169</b>	<b>2,996</b>	<b>2,074</b>	<b>1,095</b>	-	-

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	-	Year First Appropriation	
Appropriation FY 20 Request	-	Last FY's Cost Estimate	6,334
Cumulative Appropriation	-		
Expenditure / Encumbrances	-		
Unencumbered Balance	-		

## Project Description

Due to increasing enrollment growth, this project includes funds to design and construct six permanent high school classrooms serving Albert Einstein High School in the Down County Consortium. These additional classrooms would meet capacity requirements under the Subdivision Staging Policy, avoiding a residential moratorium in the Albert Einstein Cluster. The County Council anticipates that ultimately, the Board of Education will request a specific project that will add at least these classrooms and that these funds would be used towards that purpose. On October 13, 2016, Supplement B - Superintendent's Recommendation for the Walter Johnson Cluster Schools was released and included the recommendation that that a study be conducted to address the overutilization at the high school level in the Walter Johnson Cluster as well as all of the high schools in the Downcounty Consortium. The Board of Education, On November 21, 2016, included Bethesda-Chevy Chase and Walt Whitman high schools as part of the study. Therefore, the Board of Education's Requested FY 2018 Capital Budget and Amendments to the FY 2017-2022 CIP includes an expenditure shift of one year for this project and it is anticipated that a recommendation to address the overutilization will be included in the FY 2019-2024 CIP. The County Council, in the adopted FY 2017-2022 Amended CIP, increased the expenditures in this project and the number of classrooms from 6 to 14 in order to avoid residential moratorium. The Board of Education, in the requested FY2019-2024 CIP, included funding for three capital projects, two in the Downcounty Consortium and one for the reopening of Charles W. Woodward High School, to address overutilization in these areas. The requested CIP also includes a one year expenditure shift for this solution project to align with the requested capital projects. It is anticipated that once planning is complete, the next full CIP will include completion dates for the two capital projects.

## Blair G. Ewing Center Relocation (P651515)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/26/17
<b>SubCategory</b>	Individual Schools	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Rockville	<b>Status</b>	Planning Stage

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,512	1,059	-	453	302	151	-	-	-	-	-
Site Improvements and Utilities	350	-	-	350	-	-	263	87	-	-	-
Construction	14,049	-	-	14,049	-	-	2,810	5,835	5,404	-	-
Other	668	-	-	668	-	-	-	201	467	-	-
<b>TOTAL EXPENDITURES</b>	<b>16,579</b>	<b>1,059</b>	<b>-</b>	<b>15,520</b>	<b>302</b>	<b>151</b>	<b>3,073</b>	<b>6,123</b>	<b>5,871</b>	<b>-</b>	<b>-</b>

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	16,579	1,059	-	15,520	302	151	3,073	6,123	5,871	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>16,579</b>	<b>1,059</b>	<b>-</b>	<b>15,520</b>	<b>302</b>	<b>151</b>	<b>3,073</b>	<b>6,123</b>	<b>5,871</b>	<b>-</b>	<b>-</b>

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	-	Year First Appropriation	FY15
Appropriation FY 20 Request	-	Last FY's Cost Estimate	16,579
Cumulative Appropriation	1,512		
Expenditure / Encumbrances			
Unencumbered Balance	1,512		

## Project Description

The Blair Ewing Center was assessed as part of the FACT process during the 2010-2011 school year. To address facilities needs at this school, an FY 2013 appropriation for facility planning was approved in the Modifications to Holding, Special Education and Alternative Centers project for a feasibility study to identify improvements for this building. An FY 2015 appropriation was approved to begin planning the modifications to this building. While the planning funds remain on the schedule requested by the Board of Education, due to fiscal constraints, the construction funds were programmed one year later in the approved FY2015-2020 CIP. The Board of Education's requested FY 2015-2020 Amended CIP reinstated the construction schedule previously requested by the Board. Also, the Board of Education's request includes a scope change for the Blair Ewing Center. In order to provide the Alternative Education Programs (AEP) with a facility that will support the program and students, the Board's request relocated the AEP from the current site to the English Manor ES site. However, the County Council directed the Board to reevaluate the current Blair G. Ewing site, as well as another site deemed appropriate by the Board for the AEP. Subsequently, the Board directed MCPS staff to reevaluate the current Blair G. Ewing site, as well as other sites owned by the Board of Education. Therefore, the County Council did not approve the Board's request to accelerate the construction funds for this project, but instead kept this project on the approved schedule. The evaluation of the Blair G. Ewing site, as well as other sites owned by the Board of Education is still in progress. Therefore, the adopted FY 2017-2022 CIP includes a one year delay for this project. An FY 2018 appropriation will be requested for construction funds. This project is scheduled to be completed August 2019. On October 13, 2016, Supplement C - Superintendent's Recommendation for the Alternative Education Programs at the Blair G. Ewing Center, was released and included the recommendation that the Blair G. Ewing Center be relocated to the Rock Terrace School site in January 2020. Therefore, the Board of Education's Requested FY 2018 Capital Budget and Amendments to the FY 2017-2022 CIP includes an expenditure shift of one year for this project and it is anticipated that planning funds will be recommended as part of the FY 2019-2024 CIP. Also, the name of this project is changed to the Blair G. Ewing Center Relocation. The County Council, in the adopted FY 2018 Capital Budget and Amended FY2017-2022 CIP, approved the Board of Education's request. The Board of Education's requested FY 2019-2024 CIP includes a one year expenditure shift of construction funding to align with the availability of the Rock Terrace facility, once the Rock Terrace School is relocated with the collocation of Tilden Middle School in September 2020.

## 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

## Gaithersburg ES Addition (P651518)

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

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	4,097	2,000	1,872	225	150	75	-	-	-	-	-
Site Improvements and Utilities	3,000	-	-	3,000	2,000	1,000	-	-	-	-	-
Construction	17,153	-	-	17,153	4,804	6,429	5,920	-	-	-	-
Other	1,750	-	-	1,750	-	1,750	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>26,000</b>	<b>2,000</b>	<b>1,872</b>	<b>22,128</b>	<b>6,954</b>	<b>9,254</b>	<b>5,920</b>	-	-	-	-

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	24,839	1,498	1,213	22,128	6,954	9,254	5,920	-	-	-	-
School Facilities Payment	1,161	502	659	-	-	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>26,000</b>	<b>2,000</b>	<b>1,872</b>	<b>22,128</b>	<b>6,954</b>	<b>9,254</b>	<b>5,920</b>	-	-	-	-

### OPERATING BUDGET IMPACT (\$000s)

Maintenance	272	-	-	68	68	68	68	-	-	-	-
Energy	100	-	-	25	25	25	25	-	-	-	-
<b>NET IMPACT</b>	<b>372</b>	-	-	<b>93</b>	<b>93</b>	<b>93</b>	<b>93</b>	-	-	-	-

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	20,153	Year First Appropriation	FY16
Appropriation FY 20 Request	1,750	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.

## John F. Kennedy HS Addition (P651906)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/27/17
<b>SubCategory</b>	Individual Schools	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Silver Spring and Vicinity	<b>Status</b>	

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,775	-	-	1,775	610	690	475	-	-	-	-
Site Improvements and Utilities	2,956	-	-	2,956	1,000	992	964	-	-	-	-
Construction	14,937	-	-	14,937	-	1,535	2,561	6,068	4,773	-	-
Other	910	-	-	910	-	-	-	910	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>20,578</b>	-	-	<b>20,578</b>	<b>1,610</b>	<b>3,217</b>	<b>4,000</b>	<b>6,978</b>	<b>4,773</b>	-	-

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	20,578	-	-	20,578	1,610	3,217	4,000	6,978	4,773	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>20,578</b>	-	-	<b>20,578</b>	<b>1,610</b>	<b>3,217</b>	<b>4,000</b>	<b>6,978</b>	<b>4,773</b>	-	-

### OPERATING BUDGET IMPACT (\$000s)

Maintenance	174	-	-	-	-	-	-	87	87
Energy	64	-	-	-	-	-	-	32	32
<b>NET IMPACT</b>	<b>238</b>	-	-	-	-	-	-	<b>119</b>	<b>119</b>

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	3,875	Year First Appropriation	
Appropriation FY 20 Request	15,793	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. Therefore, an FY 2019 appropriation is requested to begin planning for the addition at John F. Kennedy High School. This addition is scheduled to be completed September 2022.

## 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

## Kensington-Parkwood ES Addition (P651505)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/26/17
<b>SubCategory</b>	Individual Schools	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Kensington-Wheaton	<b>Status</b>	Planning Stage

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
<b>EXPENDITURE SCHEDULE (\$000s)</b>											
Planning, Design and Supervision	998	898	100	-	-	-	-	-	-	-	-
Site Improvements and Utilities	1,900	1,425	475	-	-	-	-	-	-	-	-
Construction	9,305	4,668	3,705	932	932	-	-	-	-	-	-
Other	476	-	476	-	-	-	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>12,679</b>	<b>6,991</b>	<b>4,756</b>	<b>932</b>	<b>932</b>	-	-	-	-	-	-

<b>FUNDING SCHEDULE (\$000s)</b>											
G.O. Bonds	12,679	6,991	4,756	932	932	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>12,679</b>	<b>6,991</b>	<b>4,756</b>	<b>932</b>	<b>932</b>	-	-	-	-	-	-

<b>OPERATING BUDGET IMPACT (\$000s)</b>											
Maintenance				528	88	88	88	88	88	88	
Energy				216	36	36	36	36	36	36	
<b>NET IMPACT</b>				<b>744</b>	<b>124</b>	<b>124</b>	<b>124</b>	<b>124</b>	<b>124</b>	<b>124</b>	

<b>APPROPRIATION AND EXPENDITURE DATA (\$000s)</b>											
Appropriation FY 19 Request	-			Year First Appropriation						FY15	
Appropriation FY 20 Request	-			Last FY's Cost Estimate						12,679	
Cumulative Appropriation		12,679									
Expenditure / Encumbrances		12,203									
Unencumbered Balance		476									

### Project Description

Enrollment projections at Kensington-Parkwood Elementary School reflect a need for an addition. Kensington-Parkwood Elementary School has a program capacity for 471 students. Enrollment is expected to reach 674 students by the 2017-2018 school year. A feasibility study was conducted in FY 2013 to determine the cost and scope of the project. An FY 2015 appropriation was approved to begin planning this addition. While the planning funds remain on the schedule requested by the Board of Education, due to fiscal constraints, the construction funds were programmed one year later in the approved FY2015-2020 CIP. The Board of Education's requested FY 2015-2020 Amended CIP reinstated the construction schedule previously requested by the Board. Due to fiscal constraints, the County Council did not approve the Board's request. An FY 2017 appropriation was approved for construction funds. An FY 2018 appropriation was approved to complete this project. This project is scheduled to be completed by September 2018.

### 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

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## Col. E. Brooke Lee MS Addition/Facility Upgrade (P651910)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/27/17
<b>SubCategory</b>	Individual Schools	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Silver Spring and Vicinity	<b>Status</b>	

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	3,921	-	-	3,921	1,568	1,177	784	392	-	-	-
Site Improvements and Utilities	8,927	-	-	8,927	-	6,695	2,232	-	-	-	-
Construction	43,266	-	-	43,266	-	8,653	20,286	14,327	-	-	-
Other	1,750	-	-	1,750	-	-	525	1,225	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>57,864</b>	-	-	<b>57,864</b>	<b>1,568</b>	<b>16,525</b>	<b>23,827</b>	<b>15,944</b>	-	-	-

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	57,864	-	-	57,864	1,568	16,525	23,827	15,944	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>57,864</b>	-	-	<b>57,864</b>	<b>1,568</b>	<b>16,525</b>	<b>23,827</b>	<b>15,944</b>	-	-	-

### OPERATING BUDGET IMPACT (\$000s)

Maintenance	306	-	-	-	102	102	102
Energy	114	-	-	-	38	38	38
<b>NET IMPACT</b>	<b>420</b>	-	-	-	<b>140</b>	<b>140</b>	<b>140</b>

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	3,921	Year First Appropriation	-
Appropriation FY 20 Request	52,193	Last FY's Cost Estimate	-
Cumulative Appropriation	-		
Expenditure / Encumbrances	-		
Unencumbered Balance	-		

## Project Description

Projections indicate that enrollment at Col. E. Brooke Lee Middle School will exceed capacity by 246 seats by the end of the six-year planning period. The approved CIP included an addition for this school, as well as future expenditures for a revitalization/expansion project. The addition project also will require reconfiguration of existing spaces and building systems upgrades to accommodate the larger numbers of students. Therefore, the Board of Education's requested FY 2019-2024 CIP includes that the scope of the addition project be expanded to include these infrastructure and system upgrades while construction is on-site to make better use of fiscal resources. An FY 2019 appropriation is requested to begin planning this addition and facility upgrades project. This project is scheduled to be completed September 2021.

## 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

## S. Christa McAuliffe ES Addition (P651502)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/26/17
<b>SubCategory</b>	Individual Schools	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Germantown and Vicinity	<b>Status</b>	Planning Stage

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,024	512	410	102	102	-	-	-	-	-	-
Site Improvements and Utilities	1,976	-	1,482	494	494	-	-	-	-	-	-
Construction	7,913	-	3,956	3,957	3,166	791	-	-	-	-	-
Other	473	-	-	473	473	-	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>11,386</b>	<b>512</b>	<b>5,848</b>	<b>5,026</b>	<b>4,235</b>	<b>791</b>	-	-	-	-	-

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	6,352	148	4,046	2,158	1,367	791	-	-	-	-	-
Schools Impact Tax	5,034	364	1,802	2,868	2,868	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>11,386</b>	<b>512</b>	<b>5,848</b>	<b>5,026</b>	<b>4,235</b>	<b>791</b>	-	-	-	-	-

### OPERATING BUDGET IMPACT (\$000s)

Maintenance				490	-	98	98	98	98	98	
Energy				200	-	40	40	40	40	40	
<b>NET IMPACT</b>				<b>690</b>	-	<b>138</b>	<b>138</b>	<b>138</b>	<b>138</b>	<b>138</b>	

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	473	Year First Appropriation	FY16
Appropriation FY 20 Request	-	Last FY's Cost Estimate	11,386
Cumulative Appropriation	10,913		
Expenditure / Encumbrances	3,000		
Unencumbered Balance	7,913		

## Project Description

Enrollment projections at S. Christa McAuliffe Elementary School reflect a need for an addition. S. Christa McAuliffe Elementary School has a program capacity for 533 students. Enrollment is expected to reach 697 students by the 2019-2020 school year. A feasibility study was conducted in FY 2013 to determine the cost and scope of the project. While the planning funds remain on the schedule requested by the Board of Education, due to fiscal constraints, the construction funds were programmed one year later in the approved FY 2015-2020 CIP. The Board of Education's requested FY 2015-2020 Amended CIP reinstated the construction schedule previously requested by the Board. Due to fiscal constraints, the County Council did not approve the Board's request. Based on new enrollment projections, this school has one of the highest space deficits of approved projects in the Amended FY2015-2020 CIP. Therefore, the Board of Education, in the FY 2017-2022 CIP, accelerated this project one year. An FY 2017 appropriation was approved for planning funds. An FY 2018 appropriation was approved for construction funds. An FY 2019 appropriation is requested to complete this project. This project is scheduled to be completed by September 2019.

## 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



## Ronald McNair ES Addition (P651904)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/27/17
<b>SubCategory</b>	Individual Schools	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Germantown and Vicinity	<b>Status</b>	

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
<b>EXPENDITURE SCHEDULE (\$000s)</b>											
Planning, Design and Supervision	1,024	-	-	1,024	512	410	102	-	-	-	-
Site Improvements and Utilities	1,976	-	-	1,976	-	1,482	494	-	-	-	-
Construction	7,913	-	-	7,913	-	2,956	1,166	3,791	-	-	-
Other	490	-	-	490	-	-	490	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>11,403</b>	-	-	<b>11,403</b>	<b>512</b>	<b>4,848</b>	<b>2,252</b>	<b>3,791</b>	-	-	-

<b>FUNDING SCHEDULE (\$000s)</b>											
G.O. Bonds	11,403	-	-	11,403	512	4,848	2,252	3,791	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>11,403</b>	-	-	<b>11,403</b>	<b>512</b>	<b>4,848</b>	<b>2,252</b>	<b>3,791</b>	-	-	-

<b>OPERATING BUDGET IMPACT (\$000s)</b>											
Maintenance				87	-	-	-	29	29	29	
Energy				33	-	-	-	11	11	11	
<b>NET IMPACT</b>				<b>120</b>	-	-	-	<b>40</b>	<b>40</b>	<b>40</b>	

<b>APPROPRIATION AND EXPENDITURE DATA (\$000s)</b>											
Appropriation FY 19 Request			1,024		Year First Appropriation						
Appropriation FY 20 Request			10,379		Last FY's Cost Estimate						
Cumulative Appropriation			-								
Expenditure / Encumbrances			-								
Unencumbered Balance			-								

### Project Description

Enrollment projections indicate that enrollment at Ronald McNair Elementary School will exceed capacity by more than 150 seats by the end of the six-year planning period. An FY 2019 appropriation is requested to begin the architectural design for this addition project. This project is scheduled to be completed September 2021.

### Coordination

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

## Montgomery Knolls ES Addition (P651709)

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

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	546	273	218	55	55	-	-	-	-	-	-
Site Improvements and Utilities	1,345	-	-	1,345	954	391	-	-	-	-	-
Construction	4,436	-	-	4,436	2,218	1,774	444	-	-	-	-
Other	278	-	-	278	-	278	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>6,605</b>	<b>273</b>	<b>218</b>	<b>6,114</b>	<b>3,227</b>	<b>2,443</b>	<b>444</b>	-	-	-	-

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	6,605	273	218	6,114	3,227	2,443	444	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>6,605</b>	<b>273</b>	<b>218</b>	<b>6,114</b>	<b>3,227</b>	<b>2,443</b>	<b>444</b>	-	-	-	-

### OPERATING BUDGET IMPACT (\$000s)

Maintenance	236	-	-	59	59	59	59	-	-	-	-
Energy	96	-	-	24	24	24	24	-	-	-	-
<b>NET IMPACT</b>	<b>332</b>	-	-	<b>83</b>	<b>83</b>	<b>83</b>	<b>83</b>	-	-	-	-

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	5,781	Year First Appropriation	FY16
Appropriation FY 20 Request	278	Last FY's Cost Estimate	6,605
Cumulative Appropriation	546		
Expenditure / Encumbrances	-		
Unencumbered Balance	546		

## Project Description

A comprehensive capacity study to address overutilization at several elementary schools in the lower section of the Downcounty Consortium was conducted during the 2014-2015 school year. This capacity study included the following schools: East Silver Spring, Forest Knolls, Highland View, Montgomery Knolls, New Hampshire Estates, Oak View, Takoma Park, Pine Crest, Piney Branch, Rolling Terrace, Sligo Creek, and Woodlin elementary schools. As a result of the capacity study, it was determined that a four classroom addition project would be constructed at Montgomery Knolls Elementary School to relieve the overutilization at Forest Knolls Elementary School. An FY 2017 appropriation was approved to begin the planning for this addition. An FY 2019 appropriation is requested for construction funds. This project is scheduled to be completed September 2020.

## Coordination

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

## Roscoe Nix ES Addition (P651903)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/27/17
<b>SubCategory</b>	Individual Schools	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Silver Spring and Vicinity	<b>Status</b>	

Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	590	-	-	590	236	177	118	59	-	-	-
Site Improvements and Utilities	939	-	-	939	-	704	235	-	-	-	-
Construction	4,501	-	-	4,501	-	900	3,150	451	-	-	-
Other	342	-	-	342	-	-	103	239	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>6,372</b>	<b>-</b>	<b>-</b>	<b>6,372</b>	<b>236</b>	<b>1,781</b>	<b>3,606</b>	<b>749</b>	<b>-</b>	<b>-</b>	<b>-</b>

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	6,372	-	-	6,372	236	1,781	3,606	749	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>6,372</b>	<b>-</b>	<b>-</b>	<b>6,372</b>	<b>236</b>	<b>1,781</b>	<b>3,606</b>	<b>749</b>	<b>-</b>	<b>-</b>	<b>-</b>

### OPERATING BUDGET IMPACT (\$000s)

Maintenance				159	-	-	-	53	53	53
Energy				60	-	-	-	20	20	20
<b>NET IMPACT</b>				<b>219</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>73</b>	<b>73</b>	<b>73</b>

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	589	Year First Appropriation	
Appropriation FY 20 Request	5,783	Last FY's Cost Estimate	-
Cumulative Appropriation	-		
Expenditure / Encumbrances	-		
Unencumbered Balance	-		

## Project Description

Projections indicate that enrollment at JoAnn Leleck Elementary School at Broad Acres will exceed capacity throughout the six-year planning period. Due to site limitations, it would be difficult to expand the facility to meet the enrollment growth needs. Therefore, to address the space deficit, feasibility studies were conducted during the 2016-2017 school year at Cresthaven and Roscoe Nix elementary schools (paired schools), to determine if these schools can be expanded to address the space deficits at JoAnn Leleck Elementary School at Broad Acres. The Board of Education's requested FY 2019-2024 CIP includes funding for additions at both Cresthaven and Roscoe Nix elementary schools to address the overutilization at JoAnn Leleck Elementary School at Broad Acres. An FY 2019 appropriation is requested to begin planning this addition. The project is scheduled to be completed September 2021.

## 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

## North Bethesda MS Addition (P651503)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/26/17
<b>SubCategory</b>	Individual Schools	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Bethesda-Chevy Chase and Vicinity	<b>Status</b>	Planning Stage

Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,791	1,621	170	-	-	-	-	-	-	-
Site Improvements and Utilities	3,303	2,578	725	-	-	-	-	-	-	-
Construction	15,528	7,686	6,302	1,540	1,540	-	-	-	-	-
Other	971	-	971	-	-	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>21,593</b>	<b>11,885</b>	<b>8,168</b>	<b>1,540</b>	<b>1,540</b>	-	-	-	-	-

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	17,108	11,061	4,507	1,540	1,540	-	-	-	-	-
School Facilities Payment	824	824	-	-	-	-	-	-	-	-
Schools Impact Tax	3,661	-	3,661	-	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>21,593</b>	<b>11,885</b>	<b>8,168</b>	<b>1,540</b>	<b>1,540</b>	-	-	-	-	-

### OPERATING BUDGET IMPACT (\$000s)

Maintenance				1,116	186	186	186	186	186	186
Energy				456	76	76	76	76	76	76
<b>NET IMPACT</b>				<b>1,572</b>	<b>262</b>	<b>262</b>	<b>262</b>	<b>262</b>	<b>262</b>	<b>262</b>

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	-	Year First Appropriation	FY15
Appropriation FY 20 Request	-	Last FY's Cost Estimate	21,593
Cumulative Appropriation	21,593		
Expenditure / Encumbrances	18,747		
Unencumbered Balance	2,846		

## Project Description

Enrollment projections at North Bethesda Middle School reflect a need for an addition. North Bethesda Middle School has a program capacity for 864 students. Enrollment is expected to reach 1156 students by the 2017-2018 school year. A feasibility study was conducted in FY 2013 to determine the cost and scope of the project. An FY 2015 appropriation was approved to begin planning this addition. While the planning funds remain on the schedule requested by the Board of Education, due to fiscal constraints, the construction funds were programmed one year later in the approved FY2015-2020 CIP. The Board of Education's requested FY 2015-2020 Amended CIP reinstated the construction schedule previously requested by the Board. Due to fiscal constraints, the County Council did not approve the Board's request. An FY 2017 appropriation was approved for construction funds. An FY 2018 appropriation was approved to complete this project. This project is scheduled to be completed by September 2018.

## 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

## Northwood HS Addition/Facility Upgrades (P651907)

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

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
<b>EXPENDITURE SCHEDULE (\$000s)</b>											
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	-
<b>TOTAL EXPENDITURES</b>	<b>123,356</b>	-	-	<b>123,356</b>	<b>3,949</b>	<b>8,790</b>	<b>8,600</b>	<b>12,214</b>	<b>48,254</b>	<b>41,549</b>	-

<b>FUNDING SCHEDULE (\$000s)</b>											
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	-	-	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>123,356</b>	-	-	<b>123,356</b>	<b>3,949</b>	<b>8,790</b>	<b>8,600</b>	<b>12,214</b>	<b>48,254</b>	<b>41,549</b>	-

<b>APPROPRIATION AND EXPENDITURE DATA (\$000s)</b>											
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

## Parkland MS Addition (P651911)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/27/17
<b>SubCategory</b>	Individual Schools	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Rockville	<b>Status</b>	

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
<b>EXPENDITURE SCHEDULE (\$000s)</b>											
Planning, Design and Supervision	1,240	-	-	1,240	496	372	248	124	-	-	-
Site Improvements and Utilities	2,107	-	-	2,107	-	1,580	527	-	-	-	-
Construction	10,401	-	-	10,401	-	2,080	7,281	1,040	-	-	-
Other	890	-	-	890	-	-	267	623	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>14,638</b>	-	-	<b>14,638</b>	<b>496</b>	<b>4,032</b>	<b>8,323</b>	<b>1,787</b>	-	-	-

<b>FUNDING SCHEDULE (\$000s)</b>											
G.O. Bonds	14,638	-	-	14,638	496	4,032	8,323	1,787	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>14,638</b>	-	-	<b>14,638</b>	<b>496</b>	<b>4,032</b>	<b>8,323</b>	<b>1,787</b>	-	-	-

<b>OPERATING BUDGET IMPACT (\$000s)</b>											
Maintenance				174	-	-	-	58	58	58	
Energy				66	-	-	-	22	22	22	
<b>NET IMPACT</b>				<b>240</b>	-	-	-	<b>80</b>	<b>80</b>	<b>80</b>	

<b>APPROPRIATION AND EXPENDITURE DATA (\$000s)</b>											
Appropriation FY 19 Request			1,240		Year First Appropriation						
Appropriation FY 20 Request			12,508		Last FY's Cost Estimate						
Cumulative Appropriation			-								
Expenditure / Encumbrances			-								
Unencumbered Balance			-								

### Project Description

Projections indicate that enrollment at Parkland Middle School will exceed capacity by 180 seats by the end of the six-year planning period. Therefore, the Board of Education's requested FY 2019-2024 CIP includes funds for an addition project at this school. An FY 2019 appropriation is requested to begin planning this project. This project is scheduled to be completed September 2021.

### 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

## Pine Crest ES Addition (P651708)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/26/17
<b>SubCategory</b>	Individual Schools	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Kemp Mill-Four Corners and Vicinity	<b>Status</b>	Planning Stage

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	703	352	211	140	70	70	-	-	-	-	-
Site Improvements and Utilities	1,411	-	-	1,411	917	494	-	-	-	-	-
Construction	6,261	-	-	6,261	2,505	3,130	626	-	-	-	-
Other	248	-	-	248	-	248	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>8,623</b>	<b>352</b>	<b>211</b>	<b>8,060</b>	<b>3,492</b>	<b>3,942</b>	<b>626</b>	-	-	-	-

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	8,623	352	211	8,060	3,492	3,942	626	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>8,623</b>	<b>352</b>	<b>211</b>	<b>8,060</b>	<b>3,492</b>	<b>3,942</b>	<b>626</b>	-	-	-	-

### OPERATING BUDGET IMPACT (\$000s)

Maintenance				364	-	-	91	91	91	91	
Energy				144	-	-	36	36	36	36	
<b>NET IMPACT</b>				<b>508</b>	-	-	<b>127</b>	<b>127</b>	<b>127</b>	<b>127</b>	

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	7,672	Year First Appropriation	FY16
Appropriation FY 20 Request	248	Last FY's Cost Estimate	8,623
Cumulative Appropriation	703		
Expenditure / Encumbrances	-		
Unencumbered Balance	703		

## Project Description

A comprehensive capacity study to address overutilization at several elementary schools in the lower section of the Downcounty Consortium was conducted during the 2014-2015 school year. This capacity study included the following schools: East Silver Spring, Forest Knolls, Highland View, Montgomery Knolls, New Hampshire Estates, Oak View, Takoma Park, Pine Crest, Piney Branch, Rolling Terrace, Sligo Creek and Woodlin elementary schools. As a result of the capacity study it was determined that a nine classroom addition project would be constructed at Pine Crest Elementary School to relieve the overutilization at Forest Knolls and Pine Crest elementary schools. An FY 2017 appropriation was approved to begin the planning for this addition. An FY 2019 appropriation is requested for construction funds. This project is scheduled to be completed September 2020.

## Piney Branch ES Addition (P651707)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/27/17
<b>SubCategory</b>	Individual Schools	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Silver Spring and Vicinity	<b>Status</b>	Planning Stage

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
<b>EXPENDITURE SCHEDULE (\$000s)</b>											
Planning, Design and Supervision	493	-	-	493	274	219	-	-	-	-	-
Site Improvements and Utilities	924	-	-	924	-	-	593	331	-	-	-
Construction	2,423	-	-	2,423	-	-	1,634	789	-	-	-
Other	371	-	-	371	-	-	-	371	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>4,211</b>	-	-	<b>4,211</b>	<b>274</b>	<b>219</b>	<b>2,227</b>	<b>1,491</b>	-	-	-

<b>FUNDING SCHEDULE (\$000s)</b>											
G.O. Bonds	4,211	-	-	4,211	274	219	2,227	1,491	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>4,211</b>	-	-	<b>4,211</b>	<b>274</b>	<b>219</b>	<b>2,227</b>	<b>1,491</b>	-	-	-

<b>OPERATING BUDGET IMPACT (\$000s)</b>											
Maintenance				72	-	-	-	24	24	24	
Energy				27	-	-	-	9	9	9	
<b>NET IMPACT</b>				<b>99</b>	-	-	-	<b>33</b>	<b>33</b>	<b>33</b>	

<b>APPROPRIATION AND EXPENDITURE DATA (\$000s)</b>											
Appropriation FY 19 Request	493	Year First Appropriation									
Appropriation FY 20 Request	3,718	Last FY's Cost Estimate									
Cumulative Appropriation	-	4,211									
Expenditure / Encumbrances	-										
Unencumbered Balance	-										

### Project Description

A comprehensive capacity study to address overutilization at several elementary schools in the lower section of the Downcounty Consortium was conducted during the 2014-2015 school year. This capacity study included the following schools: East Silver Spring, Forest Knolls, Highland View, Montgomery Knolls, New Hampshire Estates, Oak View, Takoma Park, Pine Crest, Piney Branch, Rolling Terrace, Sligo Creek and Woodlin elementary schools. Based on revised enrollment projections, enrollment at Piney Branch Elementary School will exceed 125 seats by the end of the six-year planning period. Piney Branch Elementary School is located on the smallest site in the county at 1.9 acres and there is little to no room for relocatable classrooms to accommodate overutilization at the school. Therefore, the Board of Education's Requested FY2017-2022 CIP included a five classroom addition for this school to address the space deficit. The County Council's adopted FY2017-2022 CIP includes funding for this project, with planning to begin in FY 2019. An FY 2019 appropriation is requested to begin planning this addition. This project is scheduled to be completed September 2021.

### Coordination

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



# **Thomas W. Pyle MS Addition** (P651705)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/27/17
<b>SubCategory</b>	Individual Schools	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Bethesda-Chevy Chase and Vicinity	<b>Status</b>	Planning Stage

Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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## **EXPENDITURE SCHEDULE (\$000s)**

Planning, Design and Supervision	1,426	400	313	713	350	363	-	-	-	-
Site Improvements and Utilities	4,122	-	-	4,122	1,000	2,199	923	-	-	-
Construction	18,466	-	-	18,466	278	4,004	11,434	2,750	-	-
Other	1,100	-	-	1,100	-	-	1,100	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>25,114</b>	<b>400</b>	<b>313</b>	<b>24,401</b>	<b>1,628</b>	<b>6,566</b>	<b>13,457</b>	<b>2,750</b>	-	-

## **FUNDING SCHEDULE (\$000s)**

G.O. Bonds	25,114	400	313	24,401	1,628	6,566	13,457	2,750	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>25,114</b>	<b>400</b>	<b>313</b>	<b>24,401</b>	<b>1,628</b>	<b>6,566</b>	<b>13,457</b>	<b>2,750</b>	-	-

## **OPERATING BUDGET IMPACT (\$000s)**

Maintenance				736	-	-	184	184	184	184
Energy				296	-	-	74	74	74	74
<b>NET IMPACT</b>				<b>1,032</b>	<b>-</b>	<b>-</b>	<b>258</b>	<b>258</b>	<b>258</b>	<b>258</b>

## **APPROPRIATION AND EXPENDITURE DATA (\$000s)**

Appropriation FY 19 Request	22,588	Year First Appropriation	
Appropriation FY 20 Request	1,100	Last FY's Cost Estimate	18,899
Cumulative Appropriation	1,426		
Expenditure / Encumbrances	-		
Unencumbered Balance	1,426		

## **Project Description**

Projections for Thomas Pyle Middle School indicate that enrollment will exceed capacity by 150 seats or more throughout the six-year planning period. An FY 2015 appropriation was approved in the Building Modifications and Program Improvements project for the planning and construction of a third auxiliary gymnasium. However due to the space deficit at the school and the need for additional cafeteria space an FY 2016 appropriation was approved for a feasibility study to determine the scope and cost for an addition and core improvements to this school. An FY 2017 appropriation was approved to begin the planning for this 14 classroom addition. The Board of Education's requested FY 2019-2024 CIP includes an increase to the approved expenditures for core improvements that will address the projected student enrollment including a larger cafeteria and additional programmatic/teaching spaces. The project is scheduled to be completed September 2020.

## **Coordination**

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

## Judith Resnik ES Addition (P651507)

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

Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	871	436	348	87	87	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>871</b>	<b>436</b>	<b>348</b>	<b>87</b>	<b>87</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	458	23	348	87	87	-	-	-	-	-
Schools Impact Tax	413	413	-	-	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>871</b>	<b>436</b>	<b>348</b>	<b>87</b>	<b>87</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

### OPERATING BUDGET IMPACT (\$000s)

Maintenance	-	-	-	-	-	-	-	-	-	-
Energy	-	-	-	-	-	-	-	-	-	-
<b>NET IMPACT</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	-	Year First Appropriation	FY16
Appropriation FY 20 Request	-	Last FY's Cost Estimate	10,989
Cumulative Appropriation	871		
Expenditure / Encumbrances	-		
Unencumbered Balance	871		

## Project Description

Enrollment projections at Judith Resnik Elementary School reflect a need for an addition. Judith Resnik Elementary School has a program capacity for 503 students. Enrollment is expected to reach 655 students by the 2019-2020 school year. A feasibility study was conducted in FY 2013 to determine the cost and scope of the project. While the planning funds remain on the schedule requested by the Board of Education, due to fiscal constraints, the construction funds were programmed one year later in the approved FY2015-2020 CIP. The Board of Education's requested FY2015-2020 Amended CIP reinstated the construction schedule previously requested by the Board. Due to fiscal constraints, the County Council did not approved the Board's request. An FY 2017 appropriation was approved for planning funds in the adopted FY 2017-2022 CIP. Enrollment projections in the FY 2019-2024 CIP indicate enrollment will trend down over the six year planning period at this school. Therefore, the Board of Education's requested FY2019-2024 CIP will continue planning for this addition project, but expenditures for construction funding have been removed and will be considered in a future CIP.

## 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

## Silver Spring International MS Addition (P651912)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/27/17
<b>SubCategory</b>	Individual Schools	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Silver Spring and Vicinity	<b>Status</b>	

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
<b>EXPENDITURE SCHEDULE (\$000s)</b>											
Planning, Design and Supervision	3,010	-	-	3,010	930	977	702	401	-	-	-
Site Improvements and Utilities	5,799	-	-	5,799	-	4,349	1,450	-	-	-	-
Construction	25,131	-	-	25,131	-	2,884	9,834	7,413	5,000	-	-
Other	1,200	-	-	1,200	-	-	360	840	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>35,140</b>	-	-	<b>35,140</b>	<b>930</b>	<b>8,210</b>	<b>12,346</b>	<b>8,654</b>	<b>5,000</b>	-	-

<b>FUNDING SCHEDULE (\$000s)</b>											
G.O. Bonds	35,140	-	-	35,140	930	8,210	12,346	8,654	5,000	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>35,140</b>	-	-	<b>35,140</b>	<b>930</b>	<b>8,210</b>	<b>12,346</b>	<b>8,654</b>	<b>5,000</b>	-	-

<b>OPERATING BUDGET IMPACT (\$000s)</b>											
Maintenance				146	-	-	-	-	73	73	
Energy				54	-	-	-	-	27	27	
<b>NET IMPACT</b>				<b>200</b>	-	-	-	-	<b>100</b>	<b>100</b>	

<b>APPROPRIATION AND EXPENDITURE DATA (\$000s)</b>											
Appropriation FY 19 Request			3,010		Year First Appropriation						
Appropriation FY 20 Request			31,200		Last FY's Cost Estimate						
Cumulative Appropriation			-								
Expenditure / Encumbrances			-								
Unencumbered Balance			-								

### Project Description

Projections indicate that enrollment at Silver Spring International Middle School is increasing and will exceed capacity throughout the six-year planning period. In addition to the enrollment growth, 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 at the school. Also, the construction of the Purple Line will impact the school site and outdoor programmatic spaces that will need to be addressed. Therefore, the Board of Education's requested FY 2019-2024 CIP includes funding for an addition at this school. An FY 2019 appropriation is requested to begin the planning for this project. This project is scheduled to be completed September 2022.

### 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

## Takoma Park MS Addition (P651706)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/26/17
<b>SubCategory</b>	Individual Schools	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Takoma Park	<b>Status</b>	Planning Stage

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,954	500	477	977	782	195	-	-	-	-	-
Site Improvements and Utilities	5,465	-	-	5,465	1,200	3,004	1,261	-	-	-	-
Construction	16,843	-	-	16,843	200	10,697	5,946	-	-	-	-
Other	924	-	-	924	-	924	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>25,186</b>	<b>500</b>	<b>477</b>	<b>24,209</b>	<b>2,182</b>	<b>14,820</b>	<b>7,207</b>	-	-	-	-

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	25,186	500	477	24,209	2,182	14,820	7,207	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>25,186</b>	<b>500</b>	<b>477</b>	<b>24,209</b>	<b>2,182</b>	<b>14,820</b>	<b>7,207</b>	-	-	-	-

### OPERATING BUDGET IMPACT (\$000s)

Maintenance				896	-	-	224	224	224	224	
Energy				356	-	-	89	89	89	89	
<b>NET IMPACT</b>				<b>1,252</b>	-	-	<b>313</b>	<b>313</b>	<b>313</b>	<b>313</b>	

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	22,308	Year First Appropriation	
Appropriation FY 20 Request	924	Last FY's Cost Estimate	25,186
Cumulative Appropriation	1,954		
Expenditure / Encumbrances	-		
Unencumbered Balance	1,954		

## Project Description

Projections indicate enrollment at Takoma Park Middle School will exceed capacity by 150 seats or more by the end of the six-year period. An FY 2017 appropriation was approved to begin the planning for this 25 classroom addition. An FY 2019 appropriation is requested for construction funds. This project is scheduled to be completed by September 2020.

## Coordination

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

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## Walt Whitman HS Addition (P651704)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/27/17
<b>SubCategory</b>	Individual Schools	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Bethesda-Chevy Chase and Vicinity	<b>Status</b>	Planning Stage

Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,817	-	830	987	664	323	-	-	-	-
Site Improvements and Utilities	3,954	-	-	3,954	1,504	2,450	-	-	-	-
Construction	20,588	-	-	20,588	-	5,294	10,762	4,532	-	-
Other	1,218	-	-	1,218	-	-	1,218	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>27,577</b>	<b>-</b>	<b>830</b>	<b>26,747</b>	<b>2,168</b>	<b>8,067</b>	<b>11,980</b>	<b>4,532</b>	<b>-</b>	<b>-</b>

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	27,577	-	830	26,747	2,168	8,067	11,980	4,532	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>27,577</b>	<b>-</b>	<b>830</b>	<b>26,747</b>	<b>2,168</b>	<b>8,067</b>	<b>11,980</b>	<b>4,532</b>	<b>-</b>	<b>-</b>

### OPERATING BUDGET IMPACT (\$000s)

Maintenance				836	-	-	209	209	209	209
Energy				336	-	-	84	84	84	84
<b>NET IMPACT</b>				<b>1,172</b>	<b>-</b>	<b>-</b>	<b>293</b>	<b>293</b>	<b>293</b>	<b>293</b>

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	4,111	Year First Appropriation	FY16
Appropriation FY 20 Request	20,588	Last FY's Cost Estimate	22,073
Cumulative Appropriation	1,660		
Expenditure / Encumbrances	-		
Unencumbered Balance	1,660		

### Project Description

Projections indicate enrollment at Walt Whitman High School will exceed capacity by 200 seats or more by the end of the six-year period. The Board of Education's Requested FY 2017-2022 CIP included funding for an addition to this school, with planning to begin in FY 2017. Due to fiscal constraints, the County Council's adopted FY 2017-2022 CIP includes a one year delay for this project. An FY 2018 appropriation was approved to begin the planning for this addition. The Board of Education's requested FY 2019-2024 CIP includes an increase to the approved expenditures to increase the scope of this project to address core improvements for the projected student enrollment. This project is scheduled to be completed September 2021.

### Coordination

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

## Woodlin ES Addition (P651703)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/27/17
<b>SubCategory</b>	Individual Schools	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Silver Spring and Vicinity	<b>Status</b>	Planning Stage

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,167	-	-	1,167	583	350	117	117	-	-	-
Site Improvements and Utilities	1,256	-	-	1,256	-	-	816	440	-	-	-
Construction	11,987	-	-	11,987	-	-	4,795	5,993	1,199	-	-
Other	887	-	-	887	-	-	-	887	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>15,297</b>	-	-	<b>15,297</b>	<b>583</b>	<b>350</b>	<b>5,728</b>	<b>7,437</b>	<b>1,199</b>	-	-

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	15,292	-	-	15,292	578	350	5,728	7,437	1,199	-	-
School Facilities Payment	5	-	-	5	5	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>15,297</b>	-	-	<b>15,297</b>	<b>583</b>	<b>350</b>	<b>5,728</b>	<b>7,437</b>	<b>1,199</b>	-	-

### OPERATING BUDGET IMPACT (\$000s)

Maintenance				363	-	-	-	121	121	121	
Energy				144	-	-	-	48	48	48	
<b>NET IMPACT</b>				<b>507</b>	-	-	-	<b>169</b>	<b>169</b>	<b>169</b>	

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	1,167	Year First Appropriation	FY16
Appropriation FY 20 Request	-	Last FY's Cost Estimate	15,297
Cumulative Appropriation	-		
Expenditure / Encumbrances	-		
Unencumbered Balance	-		

## Project Description

A comprehensive capacity study to address overutilization at several elementary schools in the lower section of the Downcounty Consortium was conducted during the 2014-2015 school year. This capacity study included the following schools: East Silver Spring, Forest Knolls, Highland View, Montgomery Knolls, New Hampshire Estates, Oak View, Takoma Park, Pine Crest, Piney Branch, Rolling Terrace, Sligo Creek and Woodlin elementary schools. As a result of the capacity study it was determined that a eight classroom addition project would be constructed at Woodlin Elementary School to address the space deficit at the school. The Board of Education's Requested FY 2017-2022 CIP included funds for this addition project, with planning to begin in FY 2017. Due to fiscal constraints, the County Council's adopted FY 2017-2022 CIP includes a two year delay of this addition project. An FY 2019 appropriation is requested to begin the planning for this addition. This project is scheduled to be completed September 2022.

## Coordination

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

## Charles W. Woodward HS Reopening (P651908)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/26/17
<b>SubCategory</b>	Individual Schools	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Rockville	<b>Status</b>	

Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	8,258	-	-	8,258	3,063	2,597	1,732	866	-	-	-
Site Improvements and Utilities	19,091	-	-	19,091	-	5,525	2,535	6,575	4,456	-	-
Construction	92,886	-	-	92,886	-	9,478	2,773	28,959	30,994	20,682	-
<b>TOTAL EXPENDITURES</b>	<b>120,235</b>	-	-	<b>120,235</b>	<b>3,063</b>	<b>17,600</b>	<b>7,040</b>	<b>36,400</b>	<b>35,450</b>	<b>20,682</b>	-

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	120,235	-	-	120,235	3,063	17,600	7,040	36,400	35,450	20,682	-
<b>TOTAL FUNDING SOURCES</b>	<b>120,235</b>	-	-	<b>120,235</b>	<b>3,063</b>	<b>17,600</b>	<b>7,040</b>	<b>36,400</b>	<b>35,450</b>	<b>20,682</b>	-

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	35,245	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 current Charles W. Woodward High School facility is significantly smaller than the proposed 2,700 student capacity. Therefore, the Board of Education's requested FY 2019-2024 CIP includes funding to reopen this facility as a high school and to begin, as soon as feasible, an addition as the first phase of this project, to provide some of the needed capacity and for flexibility during construction. Therefore, an FY 2019 appropriation is requested to begin planning for this reopening. 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

## ADA Compliance: MCPS (P796235)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/22/17
<b>SubCategory</b>	Countywide	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Countywide	<b>Status</b>	Ongoing

Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	7,658	5,054	630	1,974	329	329	329	329	329	329	-
Construction	23,335	16,639	1,470	5,226	871	871	871	871	871	871	-
<b>TOTAL EXPENDITURES</b>	<b>30,993</b>	<b>21,693</b>	<b>2,100</b>	<b>7,200</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>-</b>

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	30,993	21,693	2,100	7,200	1,200	1,200	1,200	1,200	1,200	1,200	-
<b>TOTAL FUNDING SOURCES</b>	<b>30,993</b>	<b>21,693</b>	<b>2,100</b>	<b>7,200</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>-</b>

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	1,200	Year First Appropriation	FY79
Appropriation FY 20 Request	1,200	Last FY's Cost Estimate	28,593
Cumulative Appropriation	23,793		
Expenditure / Encumbrances	17,753		
Unencumbered Balance	6,040		

## Project Description

Federal and State laws require MCPS to provide program accessibility for all of its activities and to consider various forms of accessibility improvements at existing facilities on a continuing basis. While MCPS provides program accessibility in a manner consistent with current laws, a significant number of existing facilities not scheduled for modernization in the current six-year CIP are at least partially inaccessible for a variety of disabling conditions. Some combination of elevators, wheelchair lifts, restroom modifications, and other site-specific improvements are required at many of these facilities. Since disabilities of eligible individuals must be considered on a case-by-case basis, additional modifications such as automatic door openers, access ramps, and curb cuts may be required on an ad hoc basis even in facilities previously considered accessible. The increased mainstreaming of special education students has contributed to modifications to existing facilities. Certain ADA modifications results in significant cost avoidance, since transportation may have to be provided for individuals to other venues or programs. On September 15, 2010, the Department of Justice approved revisions to Title II of the Americans with Disabilities Act (ADA), that will require local and state government agencies to comply with these revisions. An FY 2013 appropriation was approved to begin the assessment of MCPS facilities to comply with the approved revision of Title II of the ADA. An FY 2014 appropriation was approved to continue this level of effort project. An FY 2015 appropriation was approved to continue remediation to address the revisions to Title II of the ADA. An FY 2016 appropriation was approved to continue this level of effort project. An FY 2017 appropriation was approved to complete facility modifications due to the revisions of Title II of the ADA and also to continue to provide accessibility modifications where necessary throughout the school system. An FY 2018 appropriation was approved to continue this project. An FY 2019 appropriation is requested to continue this level of effort project.

## Disclosures

Expenditures will continue indefinitely.

## Coordination

Advisory Committee for the Handicapped



## Asbestos Abatement: MCPS (P816695)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/22/17
<b>SubCategory</b>	Countywide	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Countywide	<b>Status</b>	Ongoing

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
<b>EXPENDITURE SCHEDULE (\$000s)</b>											
Planning, Design and Supervision	13,460	7,818	806	4,836	806	806	806	806	806	806	-
Construction	6,640	4,267	339	2,034	339	339	339	339	339	339	-
<b>TOTAL EXPENDITURES</b>	<b>20,100</b>	<b>12,085</b>	<b>1,145</b>	<b>6,870</b>	<b>1,145</b>	<b>1,145</b>	<b>1,145</b>	<b>1,145</b>	<b>1,145</b>	<b>1,145</b>	<b>-</b>

<b>FUNDING SCHEDULE (\$000s)</b>											
G.O. Bonds	20,100	12,085	1,145	6,870	1,145	1,145	1,145	1,145	1,145	1,145	-
<b>TOTAL FUNDING SOURCES</b>	<b>20,100</b>	<b>12,085</b>	<b>1,145</b>	<b>6,870</b>	<b>1,145</b>	<b>1,145</b>	<b>1,145</b>	<b>1,145</b>	<b>1,145</b>	<b>1,145</b>	<b>-</b>

<b>APPROPRIATION AND EXPENDITURE DATA (\$000s)</b>											
Appropriation FY 19 Request			1,145	Year First Appropriation							FY81
Appropriation FY 20 Request			1,145	Last FY's Cost Estimate							17,810
Cumulative Appropriation			13,230								
Expenditure / Encumbrances			12,085								
Unencumbered Balance			1,145								

### Project Description

Comprehensive asbestos management services for all facilities in the school system ensure compliance with the existing Federal Asbestos Hazard Emergency Response Act (AHERA). MCPS has produced major cost savings for asbestos abatement by an innovative plan with an in-house team of licensed abatement technicians for its numerous small abatement projects and required semi-annual inspections. Cost containment measures, a more competitive bidding environment, and development of a comprehensive data base and management plan also have contributed to significant expenditure reductions. This project is based on the approved management plan for all facilities in the system. Actual abatement and the subsequent restoration of facilities are funded through this project. An FY 2015 appropriation was approved to continue funding asbestos abatement projects systemwide. An FY 2016 appropriation was approved to continue this level of effort project. An FY 2017 appropriation was approved to continue asbestos abatement projects at facilities throughout the school system. An FY 2018 appropriation was approved to continue this project. An FY 2019 appropriation is requested to continue this level of effort project.

### Disclosures

Expenditures will continue indefinitely.

### Coordination

Maryland Department of the Environment, Department of Environmental Protection, State Department of Education, Department of Health FY 2019 – Salaries and Wages: \$800K, Fringe Benefits \$200K, Workyears: 9 FY 2020-2024 – Salaries and Wages: \$4.8M, Fringe Benefits: \$1.2M, Workyears 45

## Building Modifications and Program Improvements (P076506)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/22/17
<b>SubCategory</b>	Countywide	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Countywide	<b>Status</b>	Ongoing

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
<b>EXPENDITURE SCHEDULE (\$000s)</b>											
Planning, Design and Supervision	7,522	5,257	640	1,625	950	675	-	-	-	-	-
Construction	47,668	28,933	2,360	16,375	8,050	8,325	-	-	-	-	-
Other	1,260	1,060	200	-	-	-	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>56,450</b>	<b>35,250</b>	<b>3,200</b>	<b>18,000</b>	<b>9,000</b>	<b>9,000</b>	-	-	-	-	-

<b>FUNDING SCHEDULE (\$000s)</b>											
G.O. Bonds	48,628	27,428	3,200	18,000	9,000	9,000	-	-	-	-	-
Contributions	7,822	7,822	-	-	-	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>56,450</b>	<b>35,250</b>	<b>3,200</b>	<b>18,000</b>	<b>9,000</b>	<b>9,000</b>	-	-	-	-	-

APPROPRIATION AND EXPENDITURE DATA (\$000s)			
Appropriation FY 19 Request	11,500	Year First Appropriation	FY07
Appropriation FY 20 Request	6,500	Last FY's Cost Estimate	38,450
Cumulative Appropriation	38,617		
Expenditure / Encumbrances	32,217		
Unencumbered Balance	6,400		
New Partial Closeout	2,878		
Total Partial Closeout	2,878		

### Project Description

This project will provide facility modifications to support program offerings at schools that are not scheduled for capital improvements in the six-year CIP. These limited modifications to instruction and support spaces are needed to provide adequate space for new or expanded programs and administrative support space for schools that are not included in the revitalization/expansion program. An FY 2012 appropriation was approved to continue to provide facility modifications at various schools throughout the system. Facility modifications in FY 2013 and beyond will be determined based on the need for space modifications/upgrades to support new or modified program offerings. Due to fiscal constraints, expenditures requested in the Board of Education's FY 2011-2016 CIP for FYs 2013-2016 were removed by the County Council in the adopted FY 2011-2016 CIP. An FY 2013 appropriation was approved to renovate science laboratories at one high school and provide special education facility modifications for two elementary schools and two high schools. An FY 2014 appropriation was approved to continue to provide facility modifications and program improvements to various schools throughout the county. An FY 2015 appropriation was approved for modifications to schools due to special education program changes; science laboratory upgrades at secondary schools; space modifications for program requirements; as well as two specific one-time projects—the construction of an auxiliary gymnasium at Thomas Pyle Middle School and classroom modifications at the Whittier Woods Center to be used by Walt Whitman High School. An FY 2015 appropriation was approved for \$1.3 million for the installation of artificial turf at Winston Churchill High School. An FY 2016 appropriation was approved for modifications to schools due to special education program changes, space modifications for program requirements, and computer lab conversions at various schools throughout the county. An FY 2016 supplemental appropriation for \$45,410 was approved to begin the design of the artificial turf installation at Somerset Elementary School. An FY 2017 appropriation was approved, however, it was \$2.0 million less than the Board of Education's request and will fund program changes to address space deficits through building modifications. An FY 2017 supplemental appropriation of \$489,000 in contributions was approved for the installation of artificial turf at Somerset Elementary School. An FY 2017 supplemental appropriation of \$4.9 million in contributions was approved for the installation of artificial turf at Julius West Middle School, and Albert Einstein and Walt Whitman high schools. An FY 2018 appropriation was approved to continue this project. An FY 2019 appropriation is requested to continue to address modifications to schools due to special education program changes and space modifications for program requirements. The appropriation also will fund the reconfiguration of high school classroom spaces to provide additional science laboratories for schools that are overutilized and do not have sufficient space for science laboratory classes. Finally, the appropriation also will fund the construction of a black box theatre at A. Mario Loiederman Middle 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

## Current Revitalizations/Expansions (P926575)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/27/17
<b>SubCategory</b>	Countywide	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Countywide	<b>Status</b>	Ongoing

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
<b>EXPENDITURE SCHEDULE (\$000s)</b>											
Planning, Design and Supervision	56,639	46,009	6,528	4,102	4,102	-	-	-	-	-	-
Site Improvements and Utilities	113,060	71,683	30,808	10,569	7,668	2,901	-	-	-	-	-
Construction	738,145	356,322	67,489	314,334	139,113	77,660	69,561	28,000	-	-	-
Other	25,378	12,323	2,609	10,446	3,538	6,908	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>933,222</b>	<b>486,337</b>	<b>107,434</b>	<b>339,451</b>	<b>154,421</b>	<b>87,469</b>	<b>69,561</b>	<b>28,000</b>	-	-	-

<b>FUNDING SCHEDULE (\$000s)</b>											
G.O. Bonds	667,950	342,018	44,235	281,697	131,889	54,551	67,257	28,000	-	-	-
Contributions	2,791	2,791	-	-	-	-	-	-	-	-	-
Current Revenue: General	44	44	-	-	-	-	-	-	-	-	-
Recordation Tax (MCPS)	127,370	66,520	16,013	44,837	17,110	25,423	2,304	-	-	-	-
School Facilities Payment	726	696	30	-	-	-	-	-	-	-	-
Schools Impact Tax	44,448	17,927	13,604	12,917	5,422	7,495	-	-	-	-	-
State Aid	89,893	56,341	33,552	-	-	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>933,222</b>	<b>486,337</b>	<b>107,434</b>	<b>339,451</b>	<b>154,421</b>	<b>87,469</b>	<b>69,561</b>	<b>28,000</b>	-	-	-

<b>OPERATING BUDGET IMPACT (\$000s)</b>											
Maintenance				3,504	1,752	1,752	-	-	-	-	-
Energy				1,468	734	734	-	-	-	-	-
<b>NET IMPACT</b>				<b>4,972</b>	<b>2,486</b>	<b>2,486</b>	-	-	-	-	-

<b>APPROPRIATION AND EXPENDITURE DATA (\$000s)</b>											
Appropriation FY 19 Request	92,475	Year First Appropriation									
Appropriation FY 20 Request	-	Last FY's Cost Estimate								1,200,743	
Cumulative Appropriation	851,563										
Expenditure / Encumbrances	64,069										
Unencumbered Balance	787,494										
New Partial Closeout	274,313										
Total Partial Closeout	274,313										

### Project Description

This project combines all current revitalization/expansion projects as prioritized by the FACT assessments. Future projects with planning in FY 2019 or later are in PDF No. 886536. The Board of Education's FY 2017-2022 CIP maintained the approved completion dates for the revitalization/expansion program. However, due to fiscal constraints, the County Council's adopted FY17-22 CIP includes a one year delay of elementary school revitalization/expansion projects beginning with Cold Spring Elementary School. An FY 2017 appropriation was approved to build out the 24 classroom shell at Wheaton High School, and the balance of funding for Wayside, Brown Station and Wheaton Woods elementary schools and Thomas Edison High School of Technology. An FY 2018 appropriation was approved for construction funds for Seneca Valley High School and Potomac, Maryvale/Carl Sandburg, and Luxmanor elementary schools and planning funds for Tilden/Rock Terrace and Eastern middle schools and Poolesville High School. The Montgomery County Office of Legislative Oversight released a study in July 2015 regarding the MCPS revitalization/expansion program. Based on the report, MCPS reconvened the FACT review committee to update the FACT methodology used to rank schools. Since the approach to reassess and prioritize schools will continue into the development of the FY 2019-2024 CIP, the Board of Education approved an amendment to the Board of Education's Requested FY 2018 Capital Budget and Amendments to the FY 2017-2022 CIP to shift planning funds for four elementary school projects from FY 2018 to FY 2019. This shift in planning expenditures will not impact the completion dates for these projects. The County Council, in the adopted FY 2017-2022 Amended CIP approved the Board of Education's request. An FY 2019 appropriation is requested for the balance of funding for three elementary school projects and one high school project and construction funding for one middle school project.

### 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.

### Coordination

Mandatory Referral - M-NCPPC, Department of Environmental Protection, Building Permits, Code Review, Fire Marshal Inspections, Department of

## Design and Construction Management (P746032)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/27/17
<b>SubCategory</b>	Countywide	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Countywide	<b>Status</b>	Ongoing

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
<b>EXPENDITURE SCHEDULE (\$000s)</b>											
Planning, Design and Supervision	85,375	51,075	4,900	29,400	4,900	4,900	4,900	4,900	4,900	4,900	-
<b>TOTAL EXPENDITURES</b>	<b>85,375</b>	<b>51,075</b>	<b>4,900</b>	<b>29,400</b>	<b>4,900</b>	<b>4,900</b>	<b>4,900</b>	<b>4,900</b>	<b>4,900</b>	<b>4,900</b>	<b>-</b>

<b>FUNDING SCHEDULE (\$000s)</b>											
G.O. Bonds	85,375	51,075	4,900	29,400	4,900	4,900	4,900	4,900	4,900	4,900	-
<b>TOTAL FUNDING SOURCES</b>	<b>85,375</b>	<b>51,075</b>	<b>4,900</b>	<b>29,400</b>	<b>4,900</b>	<b>4,900</b>	<b>4,900</b>	<b>4,900</b>	<b>4,900</b>	<b>4,900</b>	<b>-</b>

APPROPRIATION AND EXPENDITURE DATA (\$000s)			
Appropriation FY 19 Request	4,900	Year First Appropriation	FY74
Appropriation FY 20 Request	4,900	Last FY's Cost Estimate	75,575
Cumulative Appropriation	55,975		
Expenditure / Encumbrances	51,075		
Unencumbered Balance	4,900		

### Project Description

This project funds positions essential for implementation of the multi-year capital improvements program. Personnel provide project administration, in-house design, and engineering services in the Department of Facilities Management and the Division of Construction. An FY 2015 appropriation was approved for salaries of 44 current staff, legal fees and other non-reimbursable costs for MCPS real estate issues. An FY 2016 appropriation was approved for salaries of current staff, legal fees and other non-reimbursable costs for MCPS real estate issues. An FY 2017 appropriation was approved to continue this level of effort project. An FY 2018 appropriation was approved to continue this project. An FY 2019 appropriation is requested for salaries of current staff, legal fees and other non-reimbursable costs for MCPS real estate issues.

### Fiscal Note

State Reimbursement: Not eligible

### 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

FY 2019 -- Salaries and Wages: \$3.6M, Fringe Benefits: \$897K, Workyears 44 FY 2020-2024 -- Salaries and Wages \$17.9M, Fringe Benefits: \$4.5M, Workyears: 220

## Facility Planning: MCPS (P966553)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/22/17
<b>SubCategory</b>	Countywide	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Countywide	<b>Status</b>	Ongoing

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	13,277	9,492	685	3,100	860	700	460	380	350	350	-
<b>TOTAL EXPENDITURES</b>	<b>13,277</b>	<b>9,492</b>	<b>685</b>	<b>3,100</b>	<b>860</b>	<b>700</b>	<b>460</b>	<b>380</b>	<b>350</b>	<b>350</b>	<b>-</b>

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	7,197	4,790	515	1,892	380	420	322	270	250	250	-
Current Revenue: General	5,195	3,817	170	1,208	480	280	138	110	100	100	-
Recordation Tax (MCPS)	885	885	-	-	-	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>13,277</b>	<b>9,492</b>	<b>685</b>	<b>3,100</b>	<b>860</b>	<b>700</b>	<b>460</b>	<b>380</b>	<b>350</b>	<b>350</b>	<b>-</b>

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	1,110	Year First Appropriation	FY96
Appropriation FY 20 Request	450	Last FY's Cost Estimate	11,917
Cumulative Appropriation	10,177		
Expenditure / Encumbrances	9,467		
Unencumbered Balance	710		

## Project Description

The facility planning process provides preliminary programs of requirements (PORs), cost estimates, and budget documentation for selected projects. This project serves as the transition stage from the master plan or conceptual stage to inclusion of a stand-alone project in the CIP. There is a continuing need for the development of accurate cost estimates and an exploration of alternatives for proposed projects. Implementation of the facility planning process results in realistic cost estimates, fewer and less significant cost overruns, fewer project delays, and improved life-cycle costing of projects. In the past, this project was funded solely by current revenue; however, as a result of new environmental regulation changes, design of site development concept plans must be done during the facility planning phase in order to obtain necessary site permits in time for the construction phase. Therefore, the funding sources shown on this PDF reflect the appropriate portions for both current revenue and GO bonds. An FY 2015 appropriation was approved for the pre-planning of nine elementary school additions, five middle school additions, one high school addition, one new elementary school, and four elementary school and one high school revitalization/expansion projects. An FY 2016 appropriation and amendment to the adopted CIP was approved for the preplanning of two elementary school additions, five high school additions, and one middle school addition. An FY 2017 appropriation was approved for the preplanning for additions at one elementary school, one middle school, and two high schools, as well as preplanning for revitalization/expansions at four elementary schools, one middle school, and one high school. An FY 2018 appropriation was approved for the preplanning of five revitalization/expansion projects and the preplanning for an addition project, a new elementary school, the relocation of an existing school, and the reopening of a former closed high school. An FY 2019 appropriation is requested for the preplanning of four addition projects, the reopening of a high school, and the opening of a new high school and new elementary school. Also, the appropriation will fund two work 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. The second will evaluate MCPS enrollment forecasting methodology and identify best practices that can inform the MCPS approach to enrollment projections going forward.

## Disclosures

Expenditures will continue indefinitely.

## Fire Safety Code Upgrades (P016532)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/22/17
<b>SubCategory</b>	Countywide	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Countywide	<b>Status</b>	Ongoing

Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	4,770	3,180	750	840	140	140	140	140	140	140	-
Construction	22,347	14,035	4,250	4,062	677	677	677	677	677	677	-
<b>TOTAL EXPENDITURES</b>	<b>27,117</b>	<b>17,215</b>	<b>5,000</b>	<b>4,902</b>	<b>817</b>	<b>817</b>	<b>817</b>	<b>817</b>	<b>817</b>	<b>817</b>	<b>-</b>

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	27,117	17,215	5,000	4,902	817	817	817	817	817	817	-
<b>TOTAL FUNDING SOURCES</b>	<b>27,117</b>	<b>17,215</b>	<b>5,000</b>	<b>4,902</b>	<b>817</b>	<b>817</b>	<b>817</b>	<b>817</b>	<b>817</b>	<b>817</b>	<b>-</b>

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	817	Year First Appropriation	FY01
Appropriation FY 20 Request	817	Last FY's Cost Estimate	25,483
Cumulative Appropriation	22,215		
Expenditure / Encumbrances	17,815		
Unencumbered Balance	4,400		

### Project Description

This project addresses sprinklers, escape windows, exit signs, fire alarm devices, exit stairs, and hood and fire suppression systems to comply with annual Fire Marshal inspections. An FY 2011 appropriation was approved to continue this program to maintain code compliance and life-cycle equipment replacement. An FY 2012 appropriation was approved to continue this level of effort project. An FY 2013 appropriation was approved to maintain life safety code compliance and equipment life-cycle replacements at MCPS facilities systemwide. An FY 2014 appropriation was approved to continue this project. An FY 2015 appropriation was approved to continue this level of effort project and maintain life safety code compliance through equipment replacement such as fire alarm systems that will be over 20 years old and will have exceeded their anticipated life-cycle. An FY 2016 appropriation was approved to continue this level of effort project. An FY 2017 appropriation was approved to continue this level of effort project as well as address code compliance issues related to the storage of flammable materials at schools systemwide. An FY 2018 appropriation was approved to continue this project. An FY 2019 appropriation is requested to continue this level of effort project.

### Disclosures

Expenditures will continue indefinitely.

### Coordination

Fire Marshal

# HVAC (Mechanical Systems) Replacement: MCPS (P816633)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/22/17
<b>SubCategory</b>	Countywide	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Countywide	<b>Status</b>	Ongoing

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
<b>EXPENDITURE SCHEDULE (\$000s)</b>											
Planning, Design and Supervision	42,200	12,200	3,000	27,000	6,000	6,000	4,500	4,500	3,000	3,000	-
Construction	177,732	64,732	15,000	98,000	24,000	24,000	13,000	13,000	12,000	12,000	-
<b>TOTAL EXPENDITURES</b>	<b>219,932</b>	<b>76,932</b>	<b>18,000</b>	<b>125,000</b>	<b>30,000</b>	<b>30,000</b>	<b>17,500</b>	<b>17,500</b>	<b>15,000</b>	<b>15,000</b>	-

<b>FUNDING SCHEDULE (\$000s)</b>											
G.O. Bonds	201,434	60,995	15,439	125,000	30,000	30,000	17,500	17,500	15,000	15,000	-
Current Revenue: General	1,000	1,000	-	-	-	-	-	-	-	-	-
State Aid	17,498	14,937	2,561	-	-	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>219,932</b>	<b>76,932</b>	<b>18,000</b>	<b>125,000</b>	<b>30,000</b>	<b>30,000</b>	<b>17,500</b>	<b>17,500</b>	<b>15,000</b>	<b>15,000</b>	-

APPROPRIATION AND EXPENDITURE DATA (\$000s)			
Appropriation FY 19 Request	30,000	Year First Appropriation	FY81
Appropriation FY 20 Request	30,000	Last FY's Cost Estimate	201,932
Cumulative Appropriation	94,932		
Expenditure / Encumbrances	67,160		
Unencumbered Balance	27,772		
New Partial Closeout	22,745		
Total Partial Closeout	22,745		

## Project Description

This project provides for the systematic replacement of heating, ventilating, air conditioning, automated temperature controls, and plumbing systems for MCPS facilities. This replacement approach is based on indoor environmental quality (IEQ), energy performance, maintenance data, and the revitalization/expansion schedule. Qualifying systems and/or components are selected based on the above criteria and are prioritized within the CIP through a rating system formula. MCPS is participating in interagency planning and review to share successful and cost effective approaches. For projects on the revitalization/expansion schedule, the scope is reduced to the minimum necessary to maintain the operation of the existing mechanical system. Any new equipment installations will be salvaged at the time of the revitalization/expansion project and will be re-used. An FY 2017 appropriation was approved, but was \$3 million less than the Board of Education's request. The funds will be used for mechanical systems upgrades and/or replacements at John T. Baker (Phase I) and Silver Spring International middle schools; and Greencastle, Olney, Greenwood, Jones Lane, Stone Mill, Brooke Grove, Clearspring, Laytonsville, New Hampshire Estates, and Sligo Creek elementary schools. An FY 2018 appropriation was approved for mechanical systems upgrades and/or replacements at John T. Baker (Phase II), Briggs Chaney (Phase I), and Silver Spring International middle schools; and Jones Lane, Lois P. Rockwell, and Stone Mill elementary schools. An FY 2019 appropriation is requested for mechanical systems upgrades and/or replacements for Ashburton, Bethesda, Burtonsville, Flower Hill, Forest Knolls, Highland View, Monocacy, Oakland Terrace, and Sequoyah elementary schools; Briggs Chaney and White Oak middle schools; and, Quince Orchard and Walt Whitman high schools. The Indoor Air Quality and Energy Conservation projects are now merged with this project to better reflect the coordination of work performed. The workyears reflected in this project are from that merger.

## Other

Master Plan for School Facilities, Department of Environmental Protection, Department of Health and Human Services, American Lung Association, County Government, Interagency Committee—Energy and Utilities Management, MCPS Resource Conservation Plan, County Code 8-14a

FY 2019 -- Salaries and Wages: \$440K, Fringe Benefits: \$197K, Workyears: 5 FY2020-2024 -- Salaries and Wages: \$2.2M, Fringe Benefits: \$985K, Workyears: 25

## Disclosures

Expenditures will continue indefinitely. 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.

## Improved (Safe) Access to Schools (P975051)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/22/17
<b>SubCategory</b>	Countywide	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Countywide	<b>Status</b>	Ongoing

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
<b>EXPENDITURE SCHEDULE (\$000s)</b>											
Planning, Design and Supervision	1,966	766	400	800	400	400	-	-	-	-	-
Site Improvements and Utilities	14,644	9,844	1,600	3,200	1,600	1,600	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>16,610</b>	<b>10,610</b>	<b>2,000</b>	<b>4,000</b>	<b>2,000</b>	<b>2,000</b>	-	-	-	-	-

<b>FUNDING SCHEDULE (\$000s)</b>											
G.O. Bonds	16,610	10,610	2,000	4,000	2,000	2,000	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>16,610</b>	<b>10,610</b>	<b>2,000</b>	<b>4,000</b>	<b>2,000</b>	<b>2,000</b>	-	-	-	-	-

APPROPRIATION AND EXPENDITURE DATA (\$000s)			
Appropriation FY 19 Request	2,000	Year First Appropriation	FY97
Appropriation FY 20 Request	2,000	Last FY's Cost Estimate	12,610
Cumulative Appropriation	12,610		
Expenditure / Encumbrances	10,610		
Unencumbered Balance	2,000		
New Partial Closeout	1,733		
Total Partial Closeout	1,733		

### Project Description

This project addresses vehicular and pedestrian access to schools. It may involve the widening of a street or roadway, obtaining rights-of-way for school access or exit, or changing or adding entrance/exits at various schools. These problems may arise at schools where there are no construction projects or DOT road projects that could fund the necessary changes. An FY 2011 appropriation was approved to address access, circulation, and vehicular and pedestrian traffic issues at schools throughout the county. Expenditures are shown for only the first two years of the CIP. Funding beyond the first two years will be reviewed during each on-year of the CIP cycle. An FY 2017 appropriation was approved to address access, circulation, and vehicular and pedestrian traffic issues at schools throughout the county, as well as modify and expand parking lots to provide staff parking at schools that are overutilized. An FY 2018 appropriation was approved to continue this project. An FY 2019 appropriation is requested to continue this level of effort project.

### Fiscal Note

State Reimbursement: not eligible

### Disclosures

Expenditures will continue indefinitely.

### Coordination

STEP Committee

80



## Land Acquisition: MCPS (P546034)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/28/17
<b>SubCategory</b>	Countywide	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Countywide	<b>Status</b>	Ongoing

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Land	20,005	8,005	-	12,000	12,000	-	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>20,005</b>	<b>8,005</b>	<b>-</b>	<b>12,000</b>	<b>12,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	19,357	7,357	-	12,000	12,000	-	-	-	-	-	-
Revolving Fund: G.O. Bonds	648	648	-	-	-	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>20,005</b>	<b>8,005</b>	<b>-</b>	<b>12,000</b>	<b>12,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	12,000	Year First Appropriation	FY54
Appropriation FY 20 Request	-	Last FY's Cost Estimate	8,005
Cumulative Appropriation	7,357		
Expenditure / Encumbrances	7,357		
Unencumbered Balance	-		

## Project Description

The Advanced Land Acquisition Revolving Fund (ALARF) is a revolving fund used to purchase sites for schools approved in the capital program or appearing in adopted area master plans. Funding is maintained by reimbursement from new school projects as they receive appropriations for construction and site acquisition. MCPS secures school sites through dedication at the time land is subdivided and purchases sites when dedication is infeasible. During the Amended FY 2005-2010 CIP, the county executive recommended that the title of this project be changed to Land Acquisition: MCPS to accurately reflect the activity in this project. In recent years, most land acquisitions have been handled through a supplemental appropriation, and therefore, funds would be allocated to this project, with no reimbursement. The lack of reimbursement in turn results in a non-revolving fund project. As part of the Board of Education's Requested FY 2007-2012 CIP, the one staff person, as well as expenditures for legal fees and other non-reimbursable costs were transferred to the Design and Construction Management project. The Board of Education requested and the County Council approved that the name and scope of this project be changed to accurately reflect its current activity. An FY 2007 appropriation was approved to purchase land adjacent to Paint Branch High School in order to expand the school site during its modernization. An FY 2013 appropriation was approved to purchase land for a new elementary school in the Northwest Cluster, to purchase land adjacent to a new elementary school and new middle school to expand the current sites during the construction of these new facilities. An FY 2019 appropriation is requested 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.

## Fiscal Note

State Reimbursement: Not eligible

## 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

## Major Capital Projects (P651913)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/26/17
<b>SubCategory</b>	Countywide	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Countywide	<b>Status</b>	

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
<b>EXPENDITURE SCHEDULE (\$000s)</b>											
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	-
<b>TOTAL EXPENDITURES</b>	<b>119,969</b>	-	-	<b>119,969</b>	-	<b>4,197</b>	<b>12,663</b>	<b>19,499</b>	<b>20,063</b>	<b>63,547</b>	-

<b>FUNDING SCHEDULE (\$000s)</b>											
G.O. Bonds	119,969	-	-	119,969	-	4,197	12,663	19,499	20,063	63,547	-
<b>TOTAL FUNDING SOURCES</b>	<b>119,969</b>	-	-	<b>119,969</b>	-	<b>4,197</b>	<b>12,663</b>	<b>19,499</b>	<b>20,063</b>	<b>63,547</b>	-

<b>APPROPRIATION AND EXPENDITURE DATA (\$000s)</b>											
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

## Outdoor Play Space Maintenance Project (P651801)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/22/17
<b>SubCategory</b>	Countywide	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Countywide	<b>Status</b>	Planning Stage

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
<b>EXPENDITURE SCHEDULE (\$000s)</b>											
Planning, Design and Supervision	925	-	75	850	425	425	-	-	-	-	-
Construction	3,325	-	675	2,650	1,325	1,325	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>4,250</b>	<b>-</b>	<b>750</b>	<b>3,500</b>	<b>1,750</b>	<b>1,750</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>FUNDING SCHEDULE (\$000s)</b>											
G.O. Bonds	3,875	-	375	3,500	1,750	1,750	-	-	-	-	-
Current Revenue: General	375	-	375	-	-	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>4,250</b>	<b>-</b>	<b>750</b>	<b>3,500</b>	<b>1,750</b>	<b>1,750</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>APPROPRIATION AND EXPENDITURE DATA (\$000s)</b>											
Appropriation FY 19 Request			1,750	Year First Appropriation							FY18
Appropriation FY 20 Request			1,750	Last FY's Cost Estimate							750
Cumulative Appropriation			750								
Expenditure / Encumbrances			550								
Unencumbered Balance			200								

### Project Description

Many school sites, especially at the elementary school level, face site constraints and limitations due to school overutilization, the need to place relocatable classrooms on paved play and field areas, as well as site size and other conditions. Funds included in this project will allow MCPS to more fully integrate outdoor play areas into maintenance practices and create solutions when individual schools present challenges to a conventional approach. An amendment to the Board of Education's Requested FY 2018 Capital Budget and Amendments to the FY 2017-2022 Capital Improvements Program was approved to develop this pilot program to evaluate the outdoor program/play areas of MCPS schools, establish improved maintenance practices for these sites, and identify potential solutions to provide adequate and appropriate outdoor program/play areas, particularly at elementary schools with severely compromised sites. Also, the approved funds will address the outdoor program/play areas of four to six schools identified through the initial review of schools. It is anticipated that this pilot program will transform into a level of effort project to address this ongoing need. An FY 2019 appropriation is to continue this pilot program to address outdoor program/play areas for schools with site constraints and limitations due to school overutilization.

## Planned Life Cycle Asset Repl: MCPS (P896586)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/22/17
<b>SubCategory</b>	Countywide	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Countywide	<b>Status</b>	Ongoing

Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	15,150	6,850	1,000	7,300	1,750	1,750	950	950	950	950	-
Site Improvements and Utilities	13,345	10,245	700	2,400	500	500	350	350	350	350	-
Construction	123,760	66,203	9,257	48,300	9,750	9,750	7,200	7,200	7,200	7,200	-
<b>TOTAL EXPENDITURES</b>	<b>152,255</b>	<b>83,298</b>	<b>10,957</b>	<b>58,000</b>	<b>12,000</b>	<b>12,000</b>	<b>8,500</b>	<b>8,500</b>	<b>8,500</b>	<b>8,500</b>	<b>-</b>

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	137,059	69,309	9,750	58,000	12,000	12,000	8,500	8,500	8,500	8,500	-
Aging Schools Program	6,068	5,464	604	-	-	-	-	-	-	-	-
Qualified Zone Academy Funds	9,026	8,423	603	-	-	-	-	-	-	-	-
State Aid	102	102	-	-	-	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>152,255</b>	<b>83,298</b>	<b>10,957</b>	<b>58,000</b>	<b>12,000</b>	<b>12,000</b>	<b>8,500</b>	<b>8,500</b>	<b>8,500</b>	<b>8,500</b>	<b>-</b>

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	12,000	Year First Appropriation	FY89
Appropriation FY 20 Request	12,000	Last FY's Cost Estimate	115,762
Cumulative Appropriation	93,626		
Expenditure / Encumbrances	74,876		
Unencumbered Balance	18,750		
New Partial Closeout	3,729		
Total Partial Closeout	3,729		

## Project Description

This project funds a comprehensive and ongoing plan to replace key facility and site components based on an inventory of their age and conditions. A comprehensive inventory of all such components has been assembled so that replacements can be anticipated and accomplished in a planned and orderly manner. Facility components included in this project are code corrections, physical education facility/field improvements, school facility exterior resurfacing, partitions, doors, lighting, media center security gates, bleachers, communication systems, and flooring. An FY 2016 supplemental appropriation in the amount of \$603,000 was approved as part of the state's ASP program and an FY 2016 supplemental appropriation in the amount of \$901,000 was approved as part of the state's QZAB program. An FY 2017 appropriation was approved to address facility components in school facilities that have reached the end of their life-cycle. An FY 2017 supplemental appropriation of \$578,000 was approved through the state's QZAB program. An FY 2018 appropriation was approved to continue this project. For a list of projects completed during the summer of 2016, see Appendix R of the FY 2018 Educational Facilities Master Plan. An FY 2018 supplemental appropriation in the amount of \$604,000 was approved as part of the state's ASP program and \$603,000 was approved as part of the state's QZAB program. An FY 2019 appropriation is requested to continue this level of effort project.

## Disclosures

Expenditures will continue indefinitely. 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.

## Coordination

FY 2019 – Salaries and Wages: \$497K, Fringe Benefits: \$198K, Workyears: 6  
FY 2020-2024 – Salaries and Wages: \$2.485M Fringe Benefits: \$990K, Workyears: 30

## Rehab/Reno.Of Closed Schools- RROCS (P916587)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/17/16
<b>SubCategory</b>	Countywide	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Countywide	<b>Status</b>	Ongoing

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
<b>EXPENDITURE SCHEDULE (\$000s)</b>											
Planning, Design and Supervision	12,612	8,512	326	-	-	-	-	-	-	-	3,774
Site Improvements and Utilities	17,765	12,039	726	-	-	-	-	-	-	-	5,000
Construction	139,236	67,017	19,683	2,811	2,811	-	-	-	-	-	49,725
Other	5,106	4,006	330	770	770	-	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>174,719</b>	<b>91,574</b>	<b>21,065</b>	<b>3,581</b>	<b>3,581</b>	-	-	-	-	-	<b>58,499</b>

<b>FUNDING SCHEDULE (\$000s)</b>											
G.O. Bonds	129,174	49,936	17,158	3,581	3,581	-	-	-	-	-	58,499
Contributions	400	400	-	-	-	-	-	-	-	-	-
Current Revenue: General	2,765	2,765	-	-	-	-	-	-	-	-	-
PAYGO	375	375	-	-	-	-	-	-	-	-	-
Recordation Tax (MCPS)	7,000	7,000	-	-	-	-	-	-	-	-	-
Schools Impact Tax	13,690	9,783	3,907	-	-	-	-	-	-	-	-
State Aid	21,315	21,315	-	-	-	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>174,719</b>	<b>91,574</b>	<b>21,065</b>	<b>3,581</b>	<b>3,581</b>	-	-	-	-	-	<b>58,499</b>

<b>OPERATING BUDGET IMPACT (\$000s)</b>											
Maintenance				2,562	427	427	427	427	427	427	
Energy				954	159	159	159	159	159	159	
<b>NET IMPACT</b>				<b>3,516</b>	<b>586</b>	<b>586</b>	<b>586</b>	<b>586</b>	<b>586</b>	<b>586</b>	

<b>APPROPRIATION AND EXPENDITURE DATA (\$000s)</b>											
Appropriation FY 19 Request	-	Year First Appropriation									
Appropriation FY 20 Request	-	Last FY's Cost Estimate									
Cumulative Appropriation		116,220									
Expenditure / Encumbrances		96,885									
Unencumbered Balance		19,335									

### Project Description

MCPS retained some closed schools for use for office space, as holding schools, or for alternative programs. Occasionally a closed school is reopened as an operating school to address increasing enrollment. Some rehabilitation is necessary to restore spaces for contemporary instructional use. Student enrollment at elementary schools in the Richard Montgomery Cluster has increased dramatically over the past four school years. The magnitude of enrollment growth in the cluster requires the opening of a new elementary school. A feasibility study was conducted during the 2010-2011 school year for a new elementary school at the site of the former Hungerford Park Elementary School. Based on the revised enrollment projections for Richard Montgomery Cluster elementary schools, the new elementary school will be sufficient to address the projected elementary enrollment in the cluster. An FY 2013 appropriation was requested by the Board of Education for planning funds for this new school; however, the County Council, in the adopted FY 2013-2018 CIP delayed this project two years. An FY 2012 transfer was approved to shift \$4.5 million from the Downcounty Consortium Elementary School #29 to another project in the approved CIP. An FY 2015 appropriation was approved to begin planning the new Richard Montgomery Elementary School #5. However, due to fiscal constraints, the construction funds for this project were delayed one year in the approved FY2015-2020 CIP. The Board of Education's requested FY 2015-2020 Amended CIP reinstated the construction schedule previously requested by the Board. Due to fiscal constraints, the County Council did not approve the Board's request. An FY 2017 appropriation was approved for construction funds for the new Richard Montgomery Elementary School #5 to be completed August 2018 and also for interior modifications to the former English Manor Elementary School to accommodate the Infants and Toddlers Program as well as other MCPS support programs. An FY 2017 supplemental appropriation of \$400,000 from the City of Rockville was approved to fund a community size gymnasium at the new Richard Montgomery Elementary School #5. An FY 2018 appropriation was approved to complete the new Richard Montgomery Elementary School #5.

### 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.

### Coordination

Mandatory Referral - M-NCPPC, Department of Environmental Protection, Building Permits, Code Review, Fire Marshal, Department of Transportation,

85

## Relocatable Classrooms (P846540)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/27/17
<b>SubCategory</b>	Countywide	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Countywide	<b>Status</b>	Ongoing

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
<b>EXPENDITURE SCHEDULE (\$000s)</b>											
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	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>63,061</b>	<b>43,061</b>	<b>5,000</b>	<b>15,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	-	-	-	-

<b>FUNDING SCHEDULE (\$000s)</b>											
Current Revenue: General	58,637	38,637	5,000	15,000	5,000	5,000	5,000	-	-	-	-
Recordation Tax (MCPS)	4,424	4,424	-	-	-	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>63,061</b>	<b>43,061</b>	<b>5,000</b>	<b>15,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	-	-	-	-

<b>APPROPRIATION AND EXPENDITURE DATA (\$000s)</b>											
Appropriation FY 19 Request			5,000	Year First Appropriation							FY84
Appropriation FY 20 Request			5,000	Last FY's Cost Estimate							53,061
Cumulative Appropriation			48,061								
Expenditure / Encumbrances			42,763								
Unencumbered Balance			5,298								

### 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.

### Disclosures

Expenditures will continue indefinitely.

### Coordination

CIP Master Plan for School Facilities

## Restroom Renovations (P056501)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/22/17
<b>SubCategory</b>	Countywide	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Countywide	<b>Status</b>	Ongoing

Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	6,155	1,280	225	4,650	775	775	775	775	775	775	-
Construction	40,120	12,745	2,025	25,350	4,225	4,225	4,225	4,225	4,225	4,225	-
<b>TOTAL EXPENDITURES</b>	<b>46,275</b>	<b>14,025</b>	<b>2,250</b>	<b>30,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	-

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	46,275	14,025	2,250	30,000	5,000	5,000	5,000	5,000	5,000	5,000	-
<b>TOTAL FUNDING SOURCES</b>	<b>46,275</b>	<b>14,025</b>	<b>2,250</b>	<b>30,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	-

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	5,000	Year First Appropriation	FY05
Appropriation FY 20 Request	5,000	Last FY's Cost Estimate	16,275
Cumulative Appropriation	16,275		
Expenditure / Encumbrances	14,235		
Unencumbered Balance	2,040		

## Project Description

This project will provide needed modifications to specific areas of restroom facilities. A study was conducted in FY 2004 to evaluate restrooms for all schools that were built or renovated before 1985. Ratings were based upon visual inspections of the existing materials and fixtures as of August 1, 2003. Ratings also were based on conversations with the building services managers, principals, vice principals, and staffs about the existing conditions of the restroom facilities. The numeric rating for each school was based on an evaluation method using a preset number scale for the assessment of the existing plumbing fixtures, accessories, and room finish materials. In FY 2010, a second round of assessments were completed, which included a total of 110 schools, including holding facilities. BY FY 2018 all 110 schools assessed were completed. An FY 2019 appropriation is requested for the next phase of this project.

## Roof Replacement: MCPS (P766995)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/22/17
<b>SubCategory</b>	Countywide	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Countywide	<b>Status</b>	Ongoing

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
<b>EXPENDITURE SCHEDULE (\$000s)</b>											
Planning, Design and Supervision	12,075	1,925	850	9,300	2,550	2,550	1,050	1,050	1,050	1,050	-
Construction	109,664	39,314	8,650	61,700	12,950	12,950	8,950	8,950	8,950	8,950	-
<b>TOTAL EXPENDITURES</b>	<b>121,739</b>	<b>41,239</b>	<b>9,500</b>	<b>71,000</b>	<b>15,500</b>	<b>15,500</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>-</b>

<b>FUNDING SCHEDULE (\$000s)</b>											
G.O. Bonds	113,683	35,277	7,406	71,000	15,500	15,500	10,000	10,000	10,000	10,000	-
State Aid	8,056	5,962	2,094	-	-	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>121,739</b>	<b>41,239</b>	<b>9,500</b>	<b>71,000</b>	<b>15,500</b>	<b>15,500</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>-</b>

<b>APPROPRIATION AND EXPENDITURE DATA (\$000s)</b>											
Appropriation FY 19 Request		15,500									FY76
Appropriation FY 20 Request		15,500									Last FY's Cost Estimate
Cumulative Appropriation		50,739									
Expenditure / Encumbrances		34,196									
Unencumbered Balance		16,543									
New Partial Closeout		3,912									
Total Partial Closeout		3,912									

### Project Description

The increasing age of buildings has created a backlog of work to replace roofs on their expected 20 year life cycle. Roofs are replaced when schools are not in session, and are scheduled during the summer. This is an annual request, funded since FY 1976. An FY 2017 appropriation was approved for partial roof replacements at Ashburton, Broad Acres, Fallsmead, Forest Knolls, Georgian Forest, Meadow Hall, and Westbrook elementary schools; Thomas Pyle Middle School and Albert Einstein High School; and a full replacement at Rosa Parks Middle School. An FY 2018 appropriation was approved for partial roof replacements at Brookhaven, Farmland, Fox Chapel and Greenwood elementary schools; and, Winston Churchill, Damascus, and Springbrook high schools. The request also will fund full roof replacements at Germantown, Highland View, and Poolesville elementary schools. An FY 2019 appropriation is requested for partial roof replacements at Highland, Jackson Road, and Sally K. Ride elementary schools; Julius West Middle School; Clarksburg, Damascus, and Springbrook high schools; and, a full roof replacement at Shady Grove Middle School.

### Disclosures

Expenditures will continue indefinitely. 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.

### Coordination

FY 2019 – Salaries and Wages: \$260K, Fringe Benefits: \$120K, Workyears: 3  
FY 2020-2024 – Salaries and Wages: \$1.3M, Fringe Benefits: \$600K, Workyears: 15



## School Security Systems (P926557)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/22/17
<b>SubCategory</b>	Countywide	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Countywide	<b>Status</b>	Ongoing

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
<b>EXPENDITURE SCHEDULE (\$000s)</b>											
Planning, Design and Supervision	2,900	2,000	-	900	550	350	-	-	-	-	-
Construction	20,610	16,610	-	4,000	2,000	2,000	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>23,510</b>	<b>18,610</b>	<b>-</b>	<b>4,900</b>	<b>2,550</b>	<b>2,350</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>FUNDING SCHEDULE (\$000s)</b>											
G.O. Bonds	19,324	14,424	-	4,900	2,550	2,350	-	-	-	-	-
State Aid	4,186	4,186	-	-	-	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>23,510</b>	<b>18,610</b>	<b>-</b>	<b>4,900</b>	<b>2,550</b>	<b>2,350</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>APPROPRIATION AND EXPENDITURE DATA (\$000s)</b>											
Appropriation FY 19 Request		2,550		Year First Appropriation							FY92
Appropriation FY 20 Request		2,350		Last FY's Cost Estimate							18,610
Cumulative Appropriation		18,610									
Expenditure / Encumbrances		18,610									
Unencumbered Balance		-									

### Project Description

This project addresses four aspects of security throughout MCPS, and will serve to protect not only the student and community population, but also the extensive investment in educational facilities, equipment, and supplies in buildings. An FY 2009 appropriation was approved to provide additional funding for new initiatives for the school security program. The initiatives include design and installation of Closed Circuit Television (CCTV) camera systems in all middle schools, the replacement of existing outdated analog CCTV camera systems in all high schools, the installation of a visitor management system in all schools, and the installation of a visitor access system at elementary schools. An FY 2010 appropriation was approved to continue this project. An FY 2011 appropriation was approved to continue the roll out of the new initiatives that began in FY 2009. An FY 2012 appropriation was approved to continue this project. An FY 2013 appropriation was approved to continue the roll out the school security program initiative. An FY 2013 supplemental appropriation was approved to accelerate \$364,000 from FY 2014 to FY 2013 to allow for the installation of access control systems in the remaining 26 elementary schools, with a completion date of July 2013. An FY 2014 appropriation was approved to continue this project. An FY 2014 supplemental appropriation and amendment to the FY 2013-2018 CIP was approved to implement the state's School Security Initiative. The supplemental appropriation approved \$4.186 million from the state as well as \$1.674 million from the county to provide additional security technology at schools as well as minor modifications to enhance security. Anticipated completion date for the initiative is summer 2014. An FY 2019 appropriation is requested to replace/upgrade and install security technology at various schools throughout the system. In addition, the appropriation will fund facility modifications at certain schools to enhance entrance security.

### Fiscal Note

State Reimbursement: not eligible

### 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.

## Stormwater Discharge & Water Quality Mgmt: MCPS (P956550)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/22/17
<b>SubCategory</b>	Countywide	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Countywide	<b>Status</b>	Ongoing

Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
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### EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	7,400	3,368	576	3,456	576	576	576	576	576	576	-
Site Improvements and Utilities	2,047	2,047	-	-	-	-	-	-	-	-	-
Construction	1,681	1,681	-	-	-	-	-	-	-	-	-
Other	500	220	40	240	40	40	40	40	40	40	-
<b>TOTAL EXPENDITURES</b>	<b>11,628</b>	<b>7,316</b>	<b>616</b>	<b>3,696</b>	<b>616</b>	<b>616</b>	<b>616</b>	<b>616</b>	<b>616</b>	<b>616</b>	<b>-</b>

### FUNDING SCHEDULE (\$000s)

G.O. Bonds	11,628	7,316	616	3,696	616	616	616	616	616	616	-
<b>TOTAL FUNDING SOURCES</b>	<b>11,628</b>	<b>7,316</b>	<b>616</b>	<b>3,696</b>	<b>616</b>	<b>616</b>	<b>616</b>	<b>616</b>	<b>616</b>	<b>616</b>	<b>-</b>

### APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	616	Year First Appropriation	FY07
Appropriation FY 20 Request	616	Last FY's Cost Estimate	10,396
Cumulative Appropriation	8,135		
Expenditure / Encumbrances	6,887		
Unencumbered Balance	1,248		
New Partial Closeout	203		
Total Partial Closeout	203		

### Project Description

This project will provide funds to meet the State of Maryland requirements that all industrial sites be surveyed and a plan developed to mitigate stormwater runoff. Work under this project includes concrete curbing to channel rainwater, oil/grit separators to filter stormwater for quality control, modifications to retention systems, the installation of a surface pond for stormwater management quality control at the Randolph Bus and Maintenance Depot, and other items to improve stormwater management systems at other depot sites. This project is reviewed by the interagency committee for capital programs that affect other county agencies to develop the most cost effective method to comply with state regulation. This project also will address pollution prevention measures that were formally addressed in the County Water Quality PDF. Federal and State laws require MCPS to upgrade and maintain stormwater pollution prevention measures at schools and support facilities. The State of Maryland, Department of the Environment, through the renewal of Montgomery County's National Pollutant Discharge Elimination System (NPDES) Permit, has included MCPS as a co-permittee under its revised current Municipal Separate Storm Sewer System MS4 permit, subject to certain pollution prevention regulations and reporting requirements not required in the past. As a co-permittee, MCPS will be required to develop a system-wide plan for complying with MS4 permit requirements. The plan could include infrastructure improvements that reduce the potential for pollution to enter into the stormwater system and area streams. A portion of the plan also will include surveying and documenting, in a GIS mapping system, the stormwater systems at various facilities. An FY 2017 appropriation was approved to continue this level of effort project to address stormwater runoff at all MCPS schools. An FY 2018 appropriation was approved to continue this project. An FY 2019 appropriation is requested to continue this level of effort project.

### Disclosures

Expenditures will continue indefinitely.

### Coordination

FY 2019 – Salaries and Wages: \$83K, Fringe Benefits: \$37K, Workyears: 1 FY 2020-2024 – Salaries and Wages: \$415K, Fringe Benefits: \$185K, Workyears: 5

## Technology Modernization (P036510)

<b>Category</b>	Montgomery County Public Schools	<b>Date Last Modified</b>	11/27/17
<b>SubCategory</b>	Countywide	<b>Administering Agency</b>	Public Schools
<b>Planning Area</b>	Countywide	<b>Status</b>	Ongoing

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
<b>EXPENDITURE SCHEDULE (\$000s)</b>											
Planning, Design and Supervision	424,968	246,221	27,316	151,431	25,028	25,366	25,484	25,143	25,246	25,164	-
<b>TOTAL EXPENDITURES</b>	<b>424,968</b>	<b>246,221</b>	<b>27,316</b>	<b>151,431</b>	<b>25,028</b>	<b>25,366</b>	<b>25,484</b>	<b>25,143</b>	<b>25,246</b>	<b>25,164</b>	-

<b>FUNDING SCHEDULE (\$000s)</b>											
Federal Aid	19,503	18,197	1,306	-	-	-	-	-	-	-	-
Current Revenue: General	258,549	86,230	24,930	147,389	24,089	24,263	24,484	24,143	25,246	25,164	-
Recordation Tax (MCPS)	146,916	141,794	1,080	4,042	939	1,103	1,000	1,000	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>424,968</b>	<b>246,221</b>	<b>27,316</b>	<b>151,431</b>	<b>25,028</b>	<b>25,366</b>	<b>25,484</b>	<b>25,143</b>	<b>25,246</b>	<b>25,164</b>	-

<b>APPROPRIATION AND EXPENDITURE DATA (\$000s)</b>											
Appropriation FY 19 Request		25,028		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.

### 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