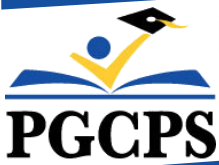


Board-Approved **FY2019-24**

CAPITAL IMPROVEMENT PROGRAM



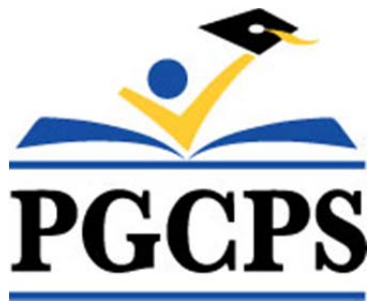
PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS



Board Approved FY2019-2024

Capital Improvement Program

PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS





Kevin M. Maxwell, Ph.D.
Chief Executive Officer

October 4, 2017

Mr. Robert Gorrell
Executive Director
Public School Construction Program
Interagency Committee on School Construction
200 West Baltimore Street, 2nd Floor
Baltimore, Maryland 21201-2595

Re: Submission of the Board of Education's FY 2019 – 2024 Capital Improvement Program

Dear Mr. Gorrell:

Prince George's County Public Schools appreciates the support and commitment that the Maryland Interagency Committee on School Construction has demonstrated to our system in the past. We are especially pleased to present the enclosed FY201-202 CIP which is unlike any of our prior submissions. Our system has advanced from a program of primarily emergency repair projects towards a comprehensive modernization program; this CIP represents the first cycle of projects that implement the long-range vision presented in our FY17 Educational Facilities Master Plan (EFMP).

The cost of our vision and long-range strategy is significant. A recent study estimated PGCPS will need to invest over \$8 billion over 20 years. We recognize that the funding will not appear overnight – but we must embrace this holistic approach for our students. Our approach is consistent with IAC-recommended best practices of matching systemic improvements with work that supports enhanced educational programming and practices. At the same time, we are working to identify prudent economies, and we are supportive of efforts to streamline delivery of construction projects.

This FY19 CIP begins to comprehensively address the critical needs arising from physical condition, utilization and educational adequacy and was approved by the Board on September 19, 2017. The major projects in this CIP are largely presented for planning approval and reflect the careful prioritization of our EFMP. The systemic replacements are more holistic and represent smarter investments that maximize the impact of capital dollars. We ask that you give this CIP request your thoughtful consideration and urge you to join us as we endeavor to make PGCPS a better place for learning.

Mr. Robert Gorrell
October 4, 2017
Page Two

We look forward to meeting with you and your staff in October to review and discuss this submission. Should you have any questions, or require additional information prior to this meeting, please feel free to contact Ms. Shayla Taylor, Acting Director of Capital Programs at 301-952-6548.

Sincerely,



Kevin M. Maxwell, Ph.D.
Chief Executive Officer

KMM:ST

Enclosures

c:	Segun Eubanks, Ed.D.	W. Wesley Watts Jr., Ed.D.
	Mr. Mark Fossett	Ms. Shayla Taylor
	Ms. Elizabeth Chaisson	Mr. Sam Stefanelli



Kevin M. Maxwell, Ph.D.
Chief Executive Officer

October 4, 2017

Mr. Derrick Leon Davis
Chair, Prince George's County Council
County Administration Building
14741 Governor Oden Bowie Drive
Upper Marlboro, Maryland 20772

Re: Submission of the Board of Education's FY2019-2024 Capital Improvement Program

Dear Chairman Davis:

Prince George's County Public Schools is excited to present the enclosed FY2019-2024 Capital Improvement Program (CIP) approved by the Board of Education on September 19, 2017. This CIP differs in format from previous years and we hope you find it increases transparency, measures progress in project delivery and better communicates the funding needed to achieve our shared commitment to providing our County's students with high-quality educational environments.

This CIP continues the implementation of the first cycle of projects established in our FY2017 Educational Facilities Master Plan (EFMP). The prioritization of projects reflects the continued support needed to complete all previously approved projects; moreover, it reflects the transition to the long-range vision of the EFMP by investing in comprehensive projects that address the critical needs of physical condition, utilization and educational adequacy in our county's schools.

We look forward to meeting to discuss this submission. Should you have any questions or require additional information before this meeting, please feel free to contact Ms. Shayla Taylor, Acting Director of Capital Programs at 301-952-6548.

Sincerely,

Kevin M. Maxwell, Ph.D.
Chief Executive Officer

KMM:ST

Enclosure

c: Segun Eubanks, Ed.D.
Mr. Mark Fossett
Ms. Elizabeth Chaisson

W. Wesley Watts Jr., Ed.D.
Ms. Shayla Taylor
Mr. Sam Stefanelli



Kevin M. Maxwell, Ph.D.
Chief Executive Officer

October 4, 2017

The Honorable Rushern L. Baker, III
County Executive
Prince George's County Government
County Administration Building
14741 Governor Oden Bowie Drive
Upper Marlboro, Maryland 20772

Re: Submission of the Board of Education's FY2019-2024 Capital Improvement Program

Dear Mr. Baker:

Prince George's County Public Schools is excited to present the enclosed FY2019-2024 Capital Improvement Program (CIP) approved by the Board of Education on September 19, 2017. This CIP differs in format from previous years and we hope you find it increases transparency, measures progress in project delivery and better communicates the funding needed to achieve our shared commitment to providing our County's students with high-quality educational environments.

This CIP continues the implementation of the first cycle of projects established in our FY2017 Educational Facilities Master Plan (EFMP). The prioritization of projects reflects the continued support needed to complete all previously approved projects; moreover, it reflects the transition to the long-range vision of the EFMP by investing in comprehensive projects that address the critical needs of physical condition, utilization and educational adequacy in our county's schools.

We look forward to meeting to discuss this submission. Should you have any questions or require additional information before this meeting, please feel free to contact Ms. Shayla Taylor, Acting Director of Capital Programs at 301-952-6548.

Sincerely,

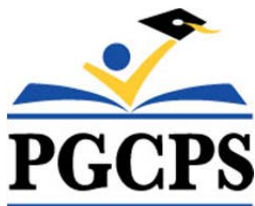
Kevin M. Maxwell, Ph.D.
Chief Executive Officer

KMM:ST

Enclosure

c: Segun Eubanks, Ed.D.
Mr. Mark Fossett
Ms. Elizabeth Chaisson

W. Wesley Watts Jr., Ed.D.
Ms. Shayla Taylor
Mr. Sam Stefanelli



VISION

PGCPS will be a GREAT school system recognized for providing education services which ensure that every student in our diverse school district graduates ready for college and careers in a global society.

MISSION

To Provide a Great Education that Empowers All Students and Contributes to Thriving Communities.

CORE VALUES

Our core values articulate our key beliefs about students, academic achievement, and the elements necessary to achieve excellence in education and learning.

Prince George's County Public Schools
Sasscer Administration Building
14201 School Lane
Upper Marlboro, MD 20772
301-952-6000



Board of Education

Segun C. Eubanks, Ed.D.
BOE Chair

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BOE Vice-Chair, District 6

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Board Member

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Student Member

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Kevin M. Maxwell, Ph.D.
Chief Executive Officer

Monique Whittington Davis, Ed.D.
Deputy Superintendent

Monica Goldson, Ed.D.
Deputy Superintendent of Teaching and Learning

W. Wesley Watts, Jr., Ed.D.
Chief Operating Officer

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FY2019-2024 CIP Review Schedule

July, 3 2017	Submission of the Educational Facilities Master Plan (EFMP)
August 24, 2017	Presentation of the Recommended FY19 CIP to the Board
September 14, 2017	Public Hearing on the CIP in the Prince George's County Board Room
October 4, 2017	Submission of the Board-Approved FY19 CIP to the State & County
Mid-October 2017	Presentation of the Board-Approved FY19 CIP to County Council
Late-October 2017	Presentation of the Board-Approved FY19 CIP to the IAC
November 1, 2017	Governor Announcement of FY2019 Capital Budget
November 8, 2017	IAC votes on 50-60% funding recommendations
November 27, 2017	Last date for revisions to the FY19 CIP
December 7, 2017	IAC Hearing on CIP Requests
December 29, 2017	IAC recommendation on 75% funding of FY19 CIP
January 24, 2018	Board of Public Works hears testimonies from LEAs
February 27, 2018	IAC recommendation on 90% funding of FY19 CIP
Mid-April 2018	IAC recommendation on 100% funding of FY19 CIP
May 2018	Board of Public Works approves projects in the FY19 CIP
Mid-May 2018	County Council Review of State-Approved FY19 CIP
Early June 2018	State releases final FY19 CIP
June 2018	Final FY19 CIP Adopted by County

Executive Summary

PRINCE GEORGE’S COUNTY PUBLIC SCHOOLS (PGCPS) is committed to delivering an inventory of safe, sustainable educational facilities that fully support modern instruction to our students, staff and community. We have made tremendous strides in the area of long-range facility planning to advance from a capital program of primarily emergency repair projects towards a major modernization program that addresses our entire inventory in the next twenty years.

The consultant-performed Master Plan Support Project (MPSP) identified the significant capital investment (\$425million/year) required to address facility condition and over-utilization plus employed a sound methodology to develop an objective prioritization order that strategically modernize each facility in our inventory. As such, most recommendations from the MPSP are reflected in the 20-year plan approved by the Board of Education, known as the FY17 Educational Facilities Master Plan (EFMP), which defines our long-term vision and guides the strategic capital investments included in the annual Capital Improvement Program (CIP).

The Recommended FY2019 – 2024 CIP includes detailed capital project funding requests for the upcoming Fiscal Year (FY) beginning the first of July, as well as five progressive years of planned capital projects. The recommended FY19 CIP requests over \$347 million combined State and County capital funding which is more than twice the \$166 million received in FY18. These funds are needed to continue the full modernizations and smarter, more comprehensive upgrades at our neediest facilities according to the priorities established in the EFMP. They will likewise be used to support previously approved projects and to execute the needed systemic replacements, compliance mandates, code corrections and major repairs that are often unseen but a critical component in a system with most buildings over 40 years of age.

This CIP follows a new format developed to increase transparency and promote facility-based awareness and advocacy. New elements include an update on the status of all previously approved CIP projects; an update on the final adopted FY18 CIP; a description of each project type as well as the introduction of new, smarter and more holistic project types; and an explanation of the methodology employed to develop reliable cost estimates for this budget request.

The Recommended FY19 CIP along with the full EFMP and MPSP is available at www.1.pgcps.org/cip as will be each iteration of the CIP as revisions occur throughout the review and approval cycle. We hope the public will continue to take advantage of the opportunity for input via cip@pgcps.org.

About PGCPS

Located just minutes away from Washington, D.C., Prince George's County offers easy access to the nation's political, cultural and entertainment center. The vibrant Washington corridor boasts historical sites and museums, top universities and colleges, and a high quality of living.

Prince George's County Public Schools (PGCPS), one of the nation's 25 largest school districts, has 208 schools and centers, more than 130,000 students and nearly 19,000 employees. Under the leadership of Chief Executive Officer Dr. Kevin M. Maxwell, the school system serves a diverse student population from urban, suburban and rural communities located in the Washington, DC suburbs. PGCPS is nationally recognized for innovative programs and initiatives that provide students with unique learning opportunities, including arts integration, environmental and financial literacy, and language immersion.

The Board of Education works to advance student achievement through community engagement, sound policy governance, accountability and fiscal responsibility. The school system's highest priority is to prepare students to meet the demands of college and careers.

OUR VISION

Our vision statement paints a future where all students, regardless of background or experiences, have access to high-quality learning environments, a broad array of educational opportunities, and effective support systems that equip them to graduate college and career ready.

PGCPS will be a GREAT school system recognized for providing education services which ensure that every student in our diverse school district graduates ready for college and careers in a global society.

OUR MISSION

Our mission statement defines the scope of our work and communicates what we hope to contribute to society as a result.

To provide a great education that empowers all students and contributes to thriving communities.

CORE VALUES

Our core values articulate our key beliefs about students, academic achievement, and the elements necessary to achieve excellence in education and learning.

- Students are our priority and all students can achieve at high academic levels.
- Families, students, and educators share the responsibility for student success.
- High expectations inspire high performance.

- All staff share the responsibility for a safe and supportive school environment contributing to excellence in education.
- The support of everyone in our community is essential to the success of our schools and students, and this success enriches our community.
- Continuous improvement in teaching, leadership, and accountability is the key to our destiny

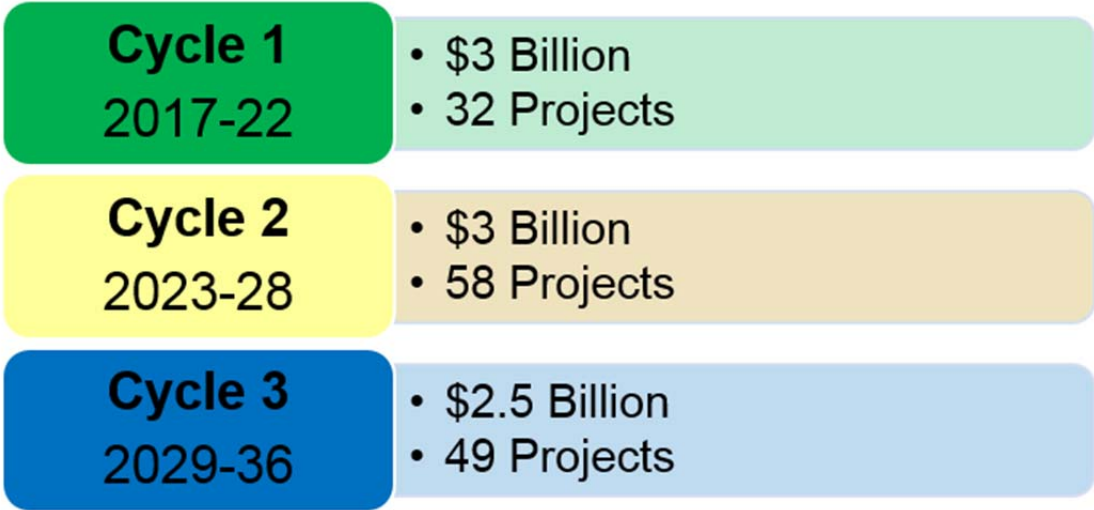
FACTS & FIGURES

- Annual Operating Budget: ~ \$1.8B
- Annual Capital Budget: ~ \$137M
- Schools and Centers: 208
- Student Enrollment: 128, 837

Introduction to the FY19 CIP

The proposed FY 2019 Capital Improvement Program (CIP) reflects a comprehensive, long-range approach to strategically address physical condition, educational adequacy and utilization needs across an aging inventory as presented in the FY17 Educational Facilities Master Plan (EFMP) amended in FY18. This CIP includes the first of three 6-year cycles in the twenty-year plan to deliver a lean fleet of facilities that efficiently and fully support modern education and are in a state of good repair.

This strategic plan requires the investment of 8.5 billion dollars over the next 20 years, reflecting years of deferred maintenance on an inventory with more than 50% of facilities greater than 40 years of age. Although the whole of the required funding has not been identified, PGCPs must advance its strategy to meet the needs of its students, staff, and community.



THE MPSP RECOMMENDATIONS AND THE APPROVED FY17 EDUCATIONAL FACILITIES MASTER PLAN (EFMP)

In the fall of 2014, PGCPs engaged a consultant to initiate the Master Plan Support Project (MPSP) to assist the school system in developing a more effective way to prioritize the next 20 years of school construction and renovation projects. The MPSP developed a new prioritization methodology evaluating three factors: physical condition, educational adequacy, and utilization. The recommended prioritization of projects was retained with minor modifications and included in the Board approved FY2017 EFMP. The first six years (Cycle 1) of the twenty-year capital program recommendations are weighted toward addressing significant utilization concerns and middle school deficiencies. The ranking of schools by each factor can be found in the adopted FY2017 EFMP (amended in FY2018) available on the PGCPs web site. The overall goal of the CIP is to coordinate future facility modifications and improvements supportive of educational objectives on a priority basis that is realistic, achievable, and sustainable subject to the

annual availability of funds. The prioritization of 20 years of capital projects is projected to cost 8.5 billion dollars, or more than triple PGCPs' current annual capital expenditures.

Each year, the approved EFMP defines the vision and goals for the next annually updated Capital Improvement Program (CIP). As noted in the EFMP, PGCPs believes that timely building improvements and modernizations can support each of the 5 goals of the Bridge to Excellence (BTE) plan. Building improvements:

- Support educational programs and services conducive to *academic excellence*;
- Attract and support teachers resulting in a *high-performing workforce*;
- Ensure *safe and supportive environments* that enhance the well-being of building occupants;
- Help maintain a positive public facility image in each neighborhood and community fostering *family and community engagement*; and,
- Result in the preservation of the economic value of prior investments in our properties and buildings through *organizational effectiveness* demonstrating judicious planning, prioritization, and fiscal prudence.

The following strategies continue to be incorporated into the FY2019 – FY2024 CIP:

- Continue previously approved CIP projects;
- Ramp up to modernization across the County;
- Prioritize for renovation schools that are in the poorest condition. Follow the order for modernization as per the FY2017 EFMP (amended in 2018) with input from PGCPs staff and community stakeholders;
- Address over-utilization in middle schools with new schools and additions to existing ones, prior to moving the remaining 6th grade students from elementary to middle schools; thus providing partial relief to some overcrowded K-6 grade elementary schools;
- Initiate planning studies to evaluate grade, boundary, program changes, and possible consolidations to balance enrollment and address under- or over-utilization of schools. These will be scheduled over the next 6 years of the CIP. The first round was completed in school year 2015-16 with the decision to consolidate Forestville High into Suitland High School as well as Skyline Elementary into William Beanes Elementary School;
- Where necessary, address underutilization via planning studies with input from community stakeholders – this is essential to obtain state funding for modernizations in areas with underutilized schools; and,
- Balance the CIP with a full range of project types.

The whole of the required funding is not immediately available but the school system must advance to this more holistic approach.

The assumption for most of the buildings in the inventory is that they are built to last 40 years before needing modernization—that is, full renovation and updates of all the major systems. With an inventory of more than 200 facilities, PGCPs would need to modernize an average of five (5) facilities annually to maintain the inventory on a 40-year life cycle. Historically, this has not been the case and the district has fallen behind on their comprehensive maintenance spending plan. The amended FY17 EFMP essentially

provides a schedule to ‘catch-up’ on all of the deferred maintenance in many of the schools while systematically modernizing them over a 20-year period. At the end of the 20-year period, the district will once again be able to create a CIP budget that modernizes only five (5) facilities a year and keeps up with the necessary repairs and replacements of systems to ensure that all facilities are maintained in a state of good repair.

The modernization program also requires operational improvements to implement these comprehensive projects. The Department of Capital Programs has reorganized to attract and retain highly-qualified staff in planning, engineering, architecture and fiscal functions. Training has been conducted on scheduling and cost estimating and technological systems to support more efficient operations. As a result, the backlog of approved capital projects is steadily decreasing, change order rates remain well below industry standards, and the number of annual, final closeouts are increasing.

THE FINAL ADOPTED FY2018-FY2023 CIP

In October 2016, the Board approved the Recommended FY 2018-2023 CIP for \$2.3 billion



for the six-year period and over \$300 million for FY18. The State and County Council review cycles concluded in May of 2017 for a final adopted CIP of \$2.08 billion for the six-year period and \$166.28 million for FY18 including \$52.3 million from the State and \$114 million from the County.

The annual capital requests and final capital funding for the last 6 fiscal years shows an average funding level of \$137 million.

FY CIP	State Request	State Approved	County Request	County Approved	Total Capital Funding
FY2013	\$ 57,663	\$ 40,375	\$ 70,534	\$ 78,812	\$ 119,187
FY2014	\$ 94,601	\$ 35,317	\$ 161,144	\$ 88,201	\$ 123,518
FY2015	\$ 109,470	\$ 38,539	\$ 210,773	\$ 110,589	\$ 149,128
FY2016	\$ 71,355	\$ 36,978	\$ 177,963	\$ 105,827	\$ 142,805
FY2017	\$ 62,203	\$ 40,496	\$ 232,219	\$ 111,321	\$ 151,817
FY2018	\$ 96,200	\$ 52,300	\$ 237,000	\$ 114,000	\$ 166,000

As further discussed in the following section, the final adopted FY18 CIP allows for the execution of many critically needed systemic replacements, compliance mandates, major repairs, County-wide initiatives and the continuance of some but not all of the presented major modernizations.

THE FY19 REQUEST AND PRIOR YEAR SHORTFALLS

The FY19 CIP is consistent with the FY2018 EFMP and the FY2018 Comprehensive Maintenance Plan (CMP). Both plans are interrelated with the CIP process and provide a foundation for the development of the capital projects list. The EFMP provides the framework for the delivery of the educational programs and services while the CMP addresses the scheduled, deferred, emergency, and preventive maintenance plans for all facilities.

The FY 2019 CIP reflects the continuation of existing initiatives. Construction funds are being requested for the replacement of **William Wirt MS**, the addition/renovation of the **William Schmidt Outdoor Educational Center**, the Special Education Initiative (SEI) addition/renovation at **Stephen Decatur MS** for the inclusion of students from the stand-alone Regional Special Education program at **Tanglewood** and limited renovation of **Bowie Belair – Annex**. All four projects have been approved for state planning.

Many of the funding requests in the CIP are for ‘State Planning Approval’ and continued design. In some cases, the request will also cover beginning site work and required environmental studies.

- Local funding was used in FY2017 to identify sites and perform a ‘test fit’ for two new middle schools in northern Prince Georges County (**New Adelphi Area** and **New Glenridge Area Middle Schools**). State planning approval is requested in FY2019 along with funds to begin site work. These schools are urgently needed to address overutilization for both the middle and elementary schools in the north.
- **Suitland High School** is the first high school to be scheduled under the new comprehensive modernization strategy. Suitland HS Campus was prioritized due to identified critical systems

deterioration and educational adequacy deficiencies. This fall, a campus feasibility study will be conducted to include three major educational components – the Comprehensive High School, the Technical Academy for College and Career Readiness, and the Center for the Visual and Performing Arts. State planning approval is requested in FY2019 along with funds to begin site work in the spring of 2019.

- PGCPS opened two new **International High Schools** in 2015 for traditionally underserved second language learners and newcomer immigrant students. One of these schools is in temporary relocatable classrooms on the site of Annapolis Road Academy Alternative High school. A ‘test fit’ has been performed for a permanent site on the Langley Park-McCormick Elementary School campus. State planning approval is requested in FY2019 along with funds to begin site work in the spring of 2019.
- **Benjamin Stoddard MS** was prioritized in the FY17 EFMP for full renovation/replacement due to identified critical systems deterioration and educational adequacy deficiencies. County funds to conduct a feasibility study are needed to verify the scope and budget. No school specific funds were approved in the FY17 or FY18 budget; however, some of the \$5.5M in lump sum Planning funds for these two (2) years may be used to lessen overall project delays.
- **Kenmoor MS**, in addition to a poor ranking in all categories, was prioritized for full renovation/replacement and is projected to provide 6th grade enrollment relief to neighboring schools when complete. County funds to conduct a feasibility study are needed to verify the scope and budget. Again, no school specific funds were approved in the FY17 or FY18 budget, but the \$5.5 million in lump sum Planning funds for these two (2) years may be used to lessen overall project delays.
- A **new high school** and a **new elementary school** are critically needed in the north county to provide enrollment relief to schools in the Langley Park/Greenbelt areas. Site selection is underway and expected to be completed by July 2018. Local funds will be requested to begin design and prepare environmental studies once sites have been approved.

The requested systemic projects with State participation are expected to be approximately \$74 million. These thirteen projects are for critically needed capital replacements and repairs and are a small percentage of the major maintenance backlog. This year there are fewer, but more comprehensive, projects. Six (6) projects are HVAC Replacements and Building Envelope Modernizations. These projects are intended to look systemically at aging equipment and the impact of energy savings by addressing all aspects of the building heating and air conditioning load.

In addition to contributing its portion of the State supported projects, Prince George’s County locally funds many programs to address code compliance mandates and site-specific needs. These needed repairs and replacements are an often unseen but critical component to operating a large school system with older buildings. This year two new safety and security project categories have been added as pilot programs: *Safe Passages to Schools (SPS)* to address sidewalks and trails on school property that will

ensure the safety and accessibility of students and other pedestrians; and *Secure Accessible Facilities Entrances (SAFE)* to make Americans with Disabilities Act (ADA) and security improvements to the front entrance and lobby of school buildings. A more detailed description can be found under ‘Type of Projects’. As PGCPs renovates its schools over the next 20 years, it is anticipated that the system will move toward a more proactive, preventive and routine maintenance program. This FY2019 capital budget requests more than \$162 million in additional County-only funded projects for a total of \$347.2 million.

In 2008, PGCPs contracted for an assessment and analysis of its thirteen bus lots. The study, *Transportation and Central Garage Needs Assessment - Recommendations Report*, March 2008 (‘Transportation Study’), concluded that the average condition of the maintenance facilities and bus lots could “be categorized as poor to very poor.” The study cited

- Poor or non-existing maintenance garages
- Poor or non-existing work space for staff creating safety and unsanitary working environments
- Inadequate site drainage, fencing, lighting and storage
- Inadequately sized lots
- Numerous code compliance issues

In FY2018, four (4) of the thirteen Central Garage and Transportation Depot sites have been identified for modernization plus additions to address poor conditions and create adequate work environments. FY2018 is the first year of a multiyear program and additional funds have been requested in FY2019.

Also included in this capital improvement program request is approximately \$9.3 million of State funding for four (4) local, “Forward Funded” school construction projects approved by the State. These locally funded projects remain a high priority for reimbursement. The requested reimbursements will enable other critical repairs and replacements to be fully funded in FY2019.

PGCPs depends on State and local funding to support the capital budget each year. For the last several years, the district has received an average of \$140 million a year. Approximately \$40 million of this has been from the State with \$100 million from the County government.

The total State FY2019 Capital Budget Request is \$83.5 million (\$74.2 million excluding the \$9.29 million forward funded reimbursement request). The total request to Prince George’s County is \$254.6 million for a combined one-year request of \$338.2 million (\$329 million excluding the \$9.29 million forward funded reimbursement request).

As previously identified in the updated Parsons 2008 Facility Condition Index (FCI) assessment for PGCPs schools, an estimated \$275 million annually was recommended just to address the backlog of deferred maintenance over a ten-year period. The current \$338.2 million request holistically moves PGCPs towards its goal of addressing the deferred maintenance backlog while modernizing the inventory of more than 200 buildings on a 40-year life cycle schedule—that is, an average schedule of five (5) modernizations a year over a 40-year period.

This is another major planning and design year for PGPCS. As the system progresses into FY 2020 and FY 2021, the proposed FY2019 CIP paves the way for addressing significant over utilization concerns and the implementation of a modernization program that supports the long-term vision for the County schools.

FY 2019 CIP Summary of Projects

The following table and map summarize the Recommended Major Projects and Modernizations for FY2019:

Major Projects and Modernizations	FY 19 State Funding Request	FY 19 County Funding Request	State Planning Request
Tulip Grove ES Major Renovation/ Addition	\$197,000	\$3,000,000	
Stephen Decatur MS-Major Renovation, and Addition (SEI)	\$10,301,000	\$11,492,000	
Bowie Belair HS Annex-Limited Renovation	\$8,471,000	\$14,556,000	
William Wirt MS-Replacement	\$4,500,000	\$4,500,000	
William Schmidt Outdoor Educational Center-Major Renovation and Addition	\$5,000,000	\$5,000,000	
New Adelphi Area Middle School No.1	\$0	\$5,000,000	LP in FY19
New Glenridge Area Middle School No.2	\$0	\$5,000,000	LP in FY19
Suitland HS Campus-Renovation/Replacement	\$0	\$12,000,000	LP in FY19
New International High School at Langley Park	\$0	\$2,500,000	LP in FY19
Benjamin Stoddert Middle School-Renovation/Replacement	\$0	\$500,000	LP in FY20
Kenmoor Middle School-Renovation/Replacement	\$0	\$500,000	LP in FY20
Subtotal	\$28,469,000	\$64,048,000	

The Recommended Major Projects and Modernizations for FY2019



Map prepared by the Department of Capital Programs

The following table is a summary of the Recommended Systemic and other Projects for FY2019:

Systemic Projects	FY 19 State Funding Request	FY 19 County Funding Request	Total FY 19 Project Estimated Cost
Woodridge ES Limited HVAC Upgrade	\$1,335,000	\$826,000	\$2,160,000
Andrew Jackson Academy Exterior Windows Replacement	\$202,000	\$125,000	\$327,000
Phyllis E Williams ES HVAC Piping and VAV Box Replacement	\$1,928,000	\$1,193,000	\$3,121,000
Dwight D Eisenhower MS HVAC and Building Envelope Modernization	\$8,070,000	\$4,992,000	\$13,062,000
Walker Mill MS HVAC and Building Envelope Modernization	\$8,545,000	\$5,286,000	\$13,831,000
Glenridge ES HVAC and Building Envelope Modernization	\$7,626,000	\$4,717,000	\$12,343,000
Lamont ES HVAC and Building Envelope Modernization	\$4,687,000	\$2,900,000	\$7,587,000
James Madison MS HVAC and Building Envelope Modernization	\$6,231,000	\$3,855,000	\$10,086,000
Patuxent ES HVAC and Building Envelope Modernization	\$3,547,000	\$2,194,000	\$5,741,000
Chillum ES Open Space POD Conversion (3 PODs)	\$626,000	\$387,000	\$1,013,000
North Forestville ES Roof Replacement	\$722,000	\$447,000	\$1,169,000
Bladensburg ES Roof Replacement	\$1,266,000	\$783,000	\$2,049,000
Greenbelt ES Roof Replacement	\$971,000	\$600,000	\$1,571,000
Subtotal	\$45,756,000	\$28,305,000	\$74,060,000

Compliance Mandate Projects (County Funded Only)	FY 19 State Funding Request	FY 19 County Funding Request	Total FY19 Project Estimated Cost
ADA Compliance		\$1,500,000	\$1,500,000
Asbestos Ceiling (HCT) and Hot Floor Tile (HFT) Replacement		\$1,450,000	\$1,450,000
CFC Control and A/C Modernization		\$2,000,000	\$2,000,000
Code Corrections (Fire Alarms, Hydrants)		\$2,860,000	\$2,860,000
Lead Remediation		\$3,000,000	\$3,000,000
Underground Storage Tanks		\$1,400,000	\$1,400,000
Compliance Mandate Subtotal		\$12,210,000	\$12,210,000

Other County Funded Projects	FY 19 State Funding Request	FY 19 County Funding Request	Total FY 19 Project Estimated Cost
AC Upgrades (in major projects)		\$102,030,000	\$102,030,000
Central Garage & Transportation		\$4,000,000	\$4,000,000
Future ASP		\$1,000,000	\$1,000,000
Future QZAB		\$1,000,000	\$1,000,000
Kitchen and Food Service		\$2,865,000	\$2,865,000
Land and Building Acquisition		\$8,000,000	\$8,000,000
Major Emergency Repairs		\$11,368,000	\$11,368,000
Parking lots/Driveways		\$5,671,000	\$5,671,000
Planning (Design)		\$7,500,000	\$7,500,000
Playground Equipment and Repairs for Educational Adequacy		\$750,000	\$750,000
Safe Passages to Schools		\$1,400,000	\$1,400,000
Secure Accessible Facilities Entrances Projects (SAFE)		\$0	\$0
Security Upgrades		\$4,500,000	\$4,500,000
Subtotal		\$150,084,000	\$150,084,000
TOTAL	\$74,225,000	\$254,687,000	

Twenty Years of Capital Projects

The 20-year FY17 Educational Facilities Master Plan (EFMP) as amended in FY18 is a detailed, \$8.5 billion modernization program that addresses all deferred capital improvements and ensures all school facilities are in a state of good repair with educationally appropriate facilities that are well-utilized. The next 20 years of Capital Improvement Program (CIP) projects have been phased into three (3) cycles. The cycles are reflective of a typical six-year CIP cycle. Funding distribution is provided below:

Capital Projects by CIP Cycle

Cycle	Fiscal Years	Project Cost	Escalation Cost	Program Cost	Total
Cycle 1	2017-2022	\$2.03 billion	\$854 million	\$102 million	\$3.0 billion
Cycle 2	2023-2028	\$2.01 billion	\$847 million	\$101 million	\$3.0 billion
Cycle 3	2029-2036	\$1.7 billion	\$724 million	\$ 86 million	\$2.5 billion
Total		\$5.8 Billion	\$2.4 Billion	\$0.3 billion	\$8.5 Billion

The \$8.5 billion program costs are comprised of \$5.8 billion in direct project costs, \$2.4 billion in escalation costs, and \$300 million in other program costs. The recommended modernization program includes 139 capital projects sequenced over twenty fiscal years averaging \$425 million annually over the life of the program. This program will provide an optimized portfolio with balanced utilization rates achieved via new schools, multiple boundary realignments, additions at various schools and specific school consolidation recommendations. The distribution of the 139 projects by project categories is provided in the following table:

Capital Improvement Project Categories

Category of Project*	Project Cost**	Project Count
Limited Renovations	\$ 1.9 Billion	63
Full Renovations	\$ 3.4 Billion	65
Systemic Renovations + Addition	\$ 61 Million	3
New Schools	\$ 396 Million	5
Additions	\$ 47 Million	3
Total	\$5.8 Billion	139

*Categories include costs for additions where recommended

**Costs do not include annual escalation and program costs

Methodology of Project Cost Estimates

The estimated Project Costs in the 20-year EFMP are comprised of the following types of ‘costs’: Hard, Soft, and Escalation. Hard costs include the average cost per square foot (SF) needed to physically construct a new building, or fully ‘gut’ and renovate¹ an existing building, plus any necessary site improvements.

Average Hard Cost per Square Foot (SF)

Full Renovation/Replacement/Additions	\$282
Limited Renovations	\$190
Systems Replacement	\$100

Portions of existing school buildings that are currently less than 16 years in age are not eligible for State funding; therefore, they were not included in the hard cost calculations. The estimated hard cost was then used to calculate the soft costs following the same methodology used by the Master Plan Support Project (MPSP) consultants.

Soft costs refer to the indirect costs associated with implementing a project such as fees for permitting, utility connections, and professional services for design, engineering, and inspections. Additional owner and vendor soft costs may include project related operating expenses for furniture, IT/audio/visual equipment, and logistics costs. Owner operating expenses also need to account for the impact construction may have on normal school operations. This may include temporary increases to utility, staffing, or transportation costs, while logistical costs include an allowance for moving expenses, project phasing and preparation of swing space, if needed.

The final component included in the cost estimates is a 20 percent project contingency to account for the risk associated with project budgeting that occurs at the master planning level. At the time of these estimates detailed project scopes have not been developed and further evaluation of building and site conditions is required to develop more accurate project budgets. The soft and hard construction costs were added to determine the total estimated project cost. Additionally, the project escalation cost and program costs were added to mitigate the cost exposures due to changes in market conditions, such as increases in construction materials and labor. The program costs are part of larger program needs or unforeseeable future needs. The following rates were used for the contingency and program costs:

Project Escalation Cost	42%
Program costs:	5%

¹ Note: Replacing everything in the building except for the original structure, which usually consists of the foundation, floor joists, and roof rafters as well as exterior wall and column structures.

Cycle 1 Projects²

The recommended modernization/ replacement projects are as follows:

13 Elementary Schools: Berwyn Heights, Calverton, Cherokee Lane, James Duckworth, Hyattsville, Longfields, Margaret Brent, Potomac Landing, Riverdale, Rogers Heights, Rose Valley, Springhill Lake, and Templeton

10 Middle Schools: Benjamin Stoddert, Benjamin Tasker, Charles Carroll, Drew Freeman, Gwynn Park, Hyattsville, Kenmoor, Thomas Johnson, Walker Mill, and William Wirt

3 High Schools: Gwynn Park, High Point, and Suitland

1 Specialty School: Frances Fuchs Early Childhood Center

1 Student Instructional Center: William Schmidt Outdoor Educational Center

5 New Schools: One elementary, two middle, one high school, and the International High School at Langley Park

These recommended capital projects reflect a transition away from multiple, smaller capital projects to larger, whole school, major modernizations at a smaller number of schools each year. This more effectively and efficiently reduces the backlog of deferred maintenance on the PGCPs inventory of buildings. The end result is more major modernizations with a gradual reduction in the number of small capital projects for systemic replacements over the next 10 to 15 years.

² Note: not all projects in Cycle 1 may be included in the FY2019-2024 CIP

Types of Capital Projects

AIR CONDITIONING (AC) UPGRADES (IN MAJOR PROJECTS)

It is important to create an environment that is conducive to learning. Students that are in a comfortable environment have *higher student achievement* and perform much better in the mastery of complex concepts. There are a number of aging facilities, which do not have air conditioning. The goal is to upgrade existing air conditioning systems and/or to add components to completely air condition all spaces, including multi-purpose rooms, gymnasiums and other rooms, in all school types and other instructional facilities.

AGING SCHOOL PROGRAM PROJECTS

Aging Schools Program (ASP) is a State funded program offering a lump sum amount based on the State predetermined allocation for each County for major capital systemic system replacement projects such as but not limited to roofing, HVAC systems (including chillers, boilers, pumps, etc.), building envelope, ceiling system, lighting, asphalt, concrete paving, electrical upgrades, windows, doors and other civil site improvements.

CENTRAL GARAGE AND TRANSPORTATION – COUNTY FUNDED

Central Garage and Transportation funding is needed for a phased program to improve working conditions at bus and vehicle service facilities, enhance worker productivity, and provide safe and supportive working conditions. Fully-enclosed service sheds that afford protection from the elements will be provided at several bus lots eliminating the need to transfer buses from bus lots to one of the three garages for repairs. Additionally the Depot facilities would provide staff adequate office space for administrative work, meeting spaces and training rooms.

COMPLIANCE MANDATES - COUNTY FUNDED

- **Americans with Disabilities Act (ADA) Compliance** funding is for ADA improvements at varying schools when needed. The Parson/3DI 2008 Facility Assessment Study identified \$31.7M in required ADA improvements. Annual inspections of school facilities continue to identify additional life safety conditions that fail to meet current codes. Failure to address the deficiencies in school buildings imposes hardships on users with disabilities and exposes the school system to possible litigation. The school system is committed to providing services, programs, and activities that are readily accessible to and usable by persons with disabilities unless doing so would fundamentally alter the nature of the program, service, or activity or would impose an undue hardship. The funds need to be available annually to remediate conditions that are discovered after a student with disabilities is enrolled in a particular school. The applicable Temporary Relocatable Building ADA permit code will require us to include

wheelchair ramps, hand rails and other features when we move more than 40 Temporary Relocatables to instructional sites this summer.

- **Asbestos Ceiling and Hot Floor Tile (HFT) replacement** funding is used for abatement and replacement of asbestos ceilings and/or floor tiles to prevent potential incidents involving asbestos exposure resulting in *safe and supportive environments*. Floor tiles that have been damaged are required to be removed. Asbestos Hazard Emergency Response Act (A.H.E.R.A.) regulations require school systems to identify all asbestos containing materials (ACM) and to track activities performed on them. This includes ensuring that any work performed is done by accredited workers as well as having clearance air sampling reports and disposal manifests for the material(s) removed.
- **Underground Storage Tank Replacement Project** provides funding for replacing buried heating and minor fuel tanks that are leaking or have deteriorated past the point of repair. All buried tanks over 15 years old will need to be replaced. Replacement tanks will be made of corrosion-resistant materials, and will be installed with monitoring wells and other safeguards designed to meet environmental and safety standards. Funding will be used for tank testing, mandatory upgrades, tank replacements, site remediation, cathode protection, and temporary procurement. Wherever possible, the new tanks will be installed above ground. There are currently 263 operational buried fuel tanks on property owned by the Prince George's County Public Schools. Of these, approximately 130 are 20 or more years old. A number of the tanks tested to date have shown evidence of leaks indicating the need for replacement. The cost of such replacements is approximately \$100,000 per tank.
- **CFC Control and Air Conditioning (A/C) Modernization** funding is needed to retrofit or replace aging air-conditioning equipment with the goal of eliminating CFC-based refrigerants in central chillers, cooling towers, and Roof Top Units (RTUs) in all buildings and replacing them with equipment that uses environmentally friendly refrigerants.
- **Code Corrections** funding updates school buildings to meet current County, State and Federal building codes. Top priority is given to fire hydrant line extensions. All code requirements were met at the time the schools were built; however, the codes are continually changing as new knowledge and technologies become available. The goal is to provide a safe, healthy and efficient environment for pupils, employees and the public at every school. The funds need to be available to handle unexpected deficiencies and violations and to establish a five year plan to contract out maintenance and testing as well as cleaning and reinstalling equipment. Additional funds are needed to annually have grease traps professionally cleaned to comply with the Washington Suburban Sanitary Commission (WSSC) random inspections. This funding will also be used to replace, repair and/or upgrade Locker Room – Shower Systems in all High Schools and Middle Schools.
- **Lead Remediation** funding is used to replace or repair drinking water systems where a high presence of lead has been identified. There are more than 200 school facilities of which 96 were

tested in spring 2017. The threshold used for testing and lead remediation is 10 parts per billion, which is a lower criteria than the EPA standard for safety of 15 parts per billion. Sixty-four (64) schools have lead levels 10 parts per billion or above. The fixtures at these schools have been disabled until the remediation work is completed. The final phase of the water quality program will continue this school year, allowing for retesting of all drinking sources currently in use and the installation of filtered water fountains throughout the school system. Additional funds need to be available to handle unexpected deficiencies and any violations.

- **Storm Water Management** funding ensures adherence to the State of Maryland comprehensive storm water management, and erosion and sediment control programs to reduce the adverse impacts of development on storm water runoff.

KITCHEN AND FOOD SERVICE – COUNTY FUNDED

Efficiency of the kitchen serving lines can be enhanced by incorporating localized space improvements and modern food delivery equipment to assure students are able to obtain their food in a timely manner. These funds will allow a cost effective solution to make the most of the existing space and improve the organizational flow during the lunch periods.

LAND AND BUILDING ACQUISITION – COUNTY FUNDED

Funding is provided for consulting services to evaluate underground hydrological, environmental, property boundary services and other land development characteristics as well as to purchase land, when needed, and to reacquire and retrofit former schools that were transferred to the County during low enrollment in the 1980's.

MAJOR EMERGENCY REPAIRS – COUNTY FUNDED

Funding is for the repair and replacement of systems and equipment that have exceeded their life expectancy and whose maintenance has been deferred from previous years due to funding shortfalls. Emergency Repairs has included work on track surfaces, bleachers, lockers, boilers, HVAC systems, energy projects, environmental issues, repaving, painting, roof/structural systems, and expenses associated with meeting federally-mandated regulations. These repairs are critical because postponement may result in loss of educational time.

OPEN SPACE POD CONVERSIONS

Open Space Pod Conversions are a continuing initiative to convert outdated open classroom space to classrooms with permanent walls that support a high-performing workforce and result in academic excellence.

PARKING LOTS/ DRIVEWAYS

(see new Project type: Safe Passages to Schools)

PLANNING AND DESIGN FOR STATE PROJECTS – COUNTY FUNDED

Pre-construction funds for project planning and design must be locally funded. This funding is provided in two ways: 1) Allocated in a lump sum under ‘Planning’ to address projects such as Limited Renovations, Open Space Pod Conversions, Secondary School Reform (SSR), Special Education Inclusion (SEI), and Systemic—particularly the replacement of complex Mechanical (HVAC) systems; and, 2) Allocated by individual school project for major renovations, new or replacement facilities to assure that PGCPs and the County are committed to approving construction funding in future years. PGCPs hires design professionals to investigate the existing conditions and develop a comprehensive project scope of work with estimated pricing. Major projects usually start with planning funds for property surveys, scope studies and/or, feasibility studies. These investigative services provide valuable information to make prudent planning decisions regarding the most efficient concept design to achieve the educational program delivery.

PLAYGROUND EQUIPMENT AND REPAIRS FOR EDUCATIONAL ADEQUACY

(see new Project type: Safe Passages to Schools)

QUALIFIED ZONE ACADEMY BOND (QZAB) PROJECTS

QZAB is a State bond program where the federal government pays the interest costs. Projects established with QZABs must have the goal of enhancing the academic curriculum, increasing graduation and employment rates, or better preparing students for college and the workforce. Each school must enter into a partnership with a private entity and the partner must contribute at least 10 percent of the value of the amount of money borrowed.

RENOVATIONS OR REPLACEMENTS (MODERNIZATIONS)

Full and limited renovations are the heart of the school system’s strategy for creating a safer, healthier, more educationally appropriate school inventory for the future. The FY2017 Educational Facilities Master Plan (EFMP amended in 2018) defines these two State funded project types as follows:

- **Full renovation:** generally applies to buildings more than 30 years of age and includes bringing all systems and educational components up to current PGCPs standards.
- **Limited renovations:** generally applies to buildings more than 30 years of age and include a minimum of five (5) building systems as well as at least one (1) educational facility component. (See

‘Systemic Projects’ for a listing of building system categories.) PGCPs can request additional funding in future years for the balance of other areas of the facility that were not renovated or replaced.

Schools found to have both poor facilities condition scores (FCI) and poor educational adequacy scores based on the results of the 2015 Master Plan Support Project (MPSP) report were recommended for a full renovation. Schools were prioritized by these scores, taking into consideration utilization, and placed into one of three CIP cycles over a twenty year period.

Replacement of a facility is considered only after a feasibility study has been performed and all options for renovation have been considered. Renovation and replacement options are evaluated based on a variety of factors including costs and the ability of each option to meet the requirements of the educational specification.

SAFE PASSAGES TO SCHOOLS (SPS) – COUNTY FUNDED

SPS is a new project type that replaces ‘Parking Lots/Driveways’ and ‘Playground Equipment and Repairs’. This project combines several previous objectives of the school system into a more comprehensive project type all related to the school site design to include (1) entrance and turn-around for school vehicles and service vehicles; (2) faculty-staff parking; (3) vehicular and pedestrian traffic; (4) grading, drainage, and turf; (5) play areas and green space; (6) walkways; (7) erosion and storm water control; and, (8) lighting.

- Objective 1 (Accessibility) is to connect federal grant funding for Safe Routes to Schools with student safety once students are on school property. SPS projects will address sidewalks and trails on school property to ensure the safety and accessibility of students and other pedestrians.
- Objective 2 (Healthy Schools) is to extend walking trails around the school property with trail markers and to upgrade playground areas to further the health objectives of the County and school system.
- Objective 3 (Safety): The separation of pedestrian and vehicular drop-off and pick-up of students is a critical safety concern on many school sites. Most schools were built when the majority of students walked to school. With the increase in bus traffic and the number of parents transporting children to and from, schools are experiencing significant congestion during arrival and dismissal.
- Objective 4 (Green Space Management): The efficient design of the site (walkways, play areas, bus and vehicular flow) leads to better site management and to opportunities to use the available green space to support education and storm water control.

All of the above objectives will create a positive public facility image in the community and neighborhood furthering the PGCPs goal of fostering *family and community engagement* while maintaining *safe and supportive environments* that support educational, environmental literacy programming conducive to *academic excellence*.

SECONDARY SCHOOL REFORM (SSR)

Secondary School Reform projects include the integration of Career and Technology Education (CTE) with the proposed high school Academies to offer educational programs at the high school level that will result in academic excellence and a more educationally adequate environment. Most of these projects involve retrofitting existing space in schools to serve new programs that includes the following:

- Aerospace and Automotive Engineering
- Architecture and Design
- Barbering and Cosmetology
- Business and Finance
- Computer Graphics
- Consumer Services, Hospitality and Tourism (Culinary Arts, Hotel Management)
- Engineering and Science
- Environmental Studies (Greenhouse)
- Global Studies
- Graphic Arts, Media and Communication
- Health & Bio Sciences (Dental & Pharmacy)
- Information and Technology
- Law, Education and Public Service (Teacher Training and Child Development)

In some instances small additions are required to meet programming needs such as high ceiling spaces for architecture and design as well as aerospace and automotive engineering.

SECURE ACCESSIBLE FACILITIES ENTRANCES (SAFE) – COUNTY FUNDED

SAFE is a new project type that is supportive of other ADA and Security Upgrade projects. This project combines several previous objectives of the school system into a more comprehensive project type.

- Objective 1 (Security) is to make security improvements to the front entrance and lobby of school buildings by constructing new ‘storefronts’ and vestibules that require visitors to pass through the main office prior to entering the school.
- Objective 2 (ADA Signage) is to upgrade signage to and within the building to direct visitors to a single point of entry and then to ensure ‘universal’ ADA accessible signage to key locations in the building.
- Objective 3 is to create a positive first impression to guests and parents entering the school by constructing clean, light-filled, student-friendly environments.

All of the above objectives will create a positive public facility image furthering the PGCPs goal of fostering *family and community engagement* while maintaining *safe and supportive environments* that attract and support teachers resulting in a *high-performing workforce*.

SECURITY UPGRADES

(also see new Project type: Secure Accessible Facilities Entrances- SAFE)

Security Upgrades provide security camera infrastructure and equipment to ensure all facilities are *safe and supportive environments* in which to work and learn. These upgrades will also allow school security staff the ability to monitor aggravating circumstances sooner and take proactive actions.

SPECIAL EDUCATION INCLUSION (SEI)

The Special Education Initiative recommends the closure of 3 out of 4 stand-alone special schools for students with severe and profound handicaps and the creation of small cluster settings in comprehensive neighborhood schools. In 2012, PGCPs engaged an architectural firm to study the facility needs of implementing this County-wide inclusion effort that will support academic excellence of all students. The plan proposes a series of additions and renovation projects at neighborhood schools and the phased relocation of students taking place over a six year period.

SYSTEMIC PROJECTS

Systemic Projects as defined by the State include the replacement of major building systems that have reached the end of their life cycle. Generally systems qualify for replacement when they have not been funded by the State within the last 15 years.

The following is a list of categories of types of systems based on average life in years:

Architectural

- ✓ Exterior Doors and Windows= 30 years
- ✓ Ceiling, Acoustical tiles= 13 years

Structural

- ✓ Roofing= 20 years
- ✓ Exterior wall finish (sheathing, brick, EIFS, metal panel, etc)

Mechanical HVAC (Heating and Cooling) Equipment

- ✓ Boilers, chillers, unit ventilators, ductwork, steam piping= 30 years

Electrical= 30 years

- ✓ Service, distribution panels, wiring and outlets= 30 years
- ✓ Lighting= 20 years

Fire Safety

- ✓ Sprinklers=30 years

Communication

- ✓ Data, video and telephone

Conveying Systems

- ✓ Elevators and lifts= 30 years

Other

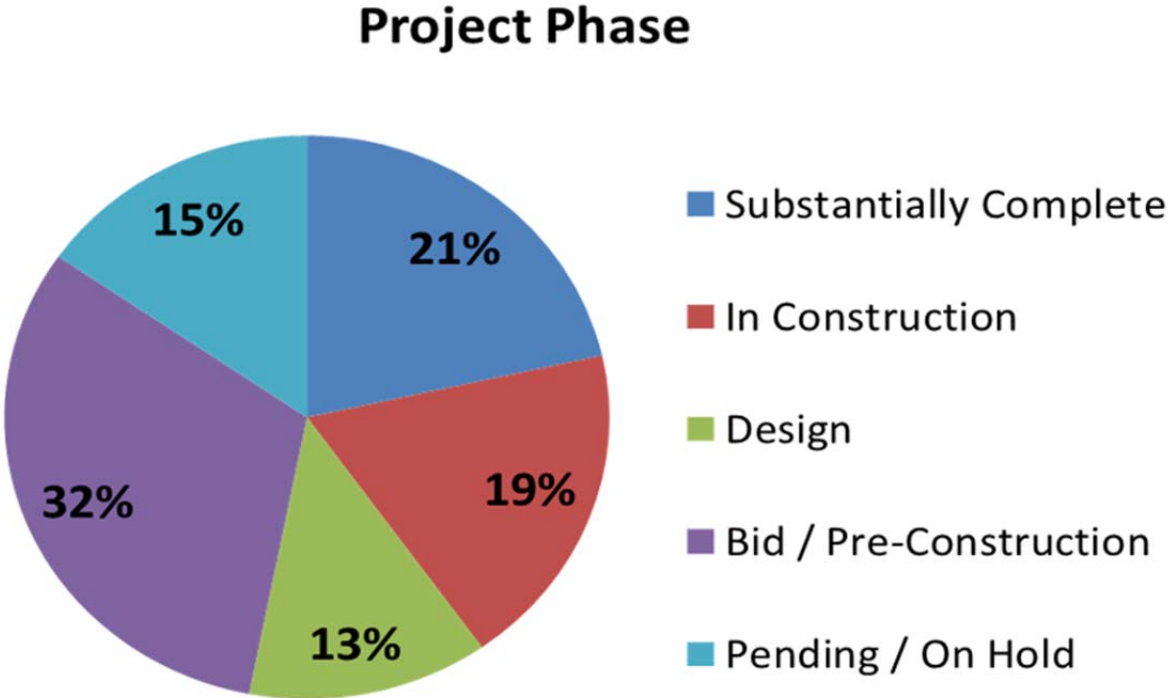
- ✓ Natural Gas Supply= 30 years
- ✓ Fuel Distribution system= 25 years
- ✓ Plumbing
- ✓ Above ground tank= 20 years

Interior

- ✓ Interior Doors= 40 years
- ✓ Wall Tile= 35 years
- ✓ Door Fittings= 20 years
- ✓ Floor VCT finish= 12 years
- ✓ Floor, Concrete= 10 years
- ✓ Interior Paint/finish= 5 years
- ✓ Carpet= every 5 years

Status of Prior Year CIP Projects

There were 326 active capital projects at the end of Fiscal Year 2017 (June 30, 2017). *The status of every active, previously approved CIP project is listed alphabetically by school in Appendix L.*



All of the **Capital Project Types** are included from major improvements such as the replacement of a high school to minor projects such as upgrading playground equipment. At the conclusion of the 2017 fiscal year, 40% of active projects were either in the construction phase, nearing completion or completed.

COMPLIANCE MANDATE PROJECTS

- 3 ADA Remediation Projects
- 2 Asbestos Tile Replacements
- 6 Buried Fuel Tank Replacements
- 7 Fire Alarm Replacements
- 2 Fire Hydrant Replacements
- 3 Sprinkler Replacements
- 46 Upgrades to Kitchen Grease Traps

There were a total of 69 compliance mandate projects completed or nearing completion by the end of FY2017. The majority of these were upgrades to kitchen grease traps to meet WSSC regulatory codes.

RENOVATIONS/REPLACEMENTS (MODERNIZATIONS)

Two (2) major projects are completed and opened beginning of this school year with Tulip Grove Elementary to be completed by the beginning of next school year.

In Construction or Substantially Complete Projects

School	Description	Status
Fairmont Heights HS	Replacement School	Construction completed; Opened Sept. 2017
Glenarden Woods ES	Full Renovation	Construction completed; Opened Sept. 2017
Tulip Grove ES	Full Renovation/replacement	Under Construction; Open Sept 2018



Fairmont Heights HS Library



Tulip Grove ES Completed Demolition



Glenarden Woods ES

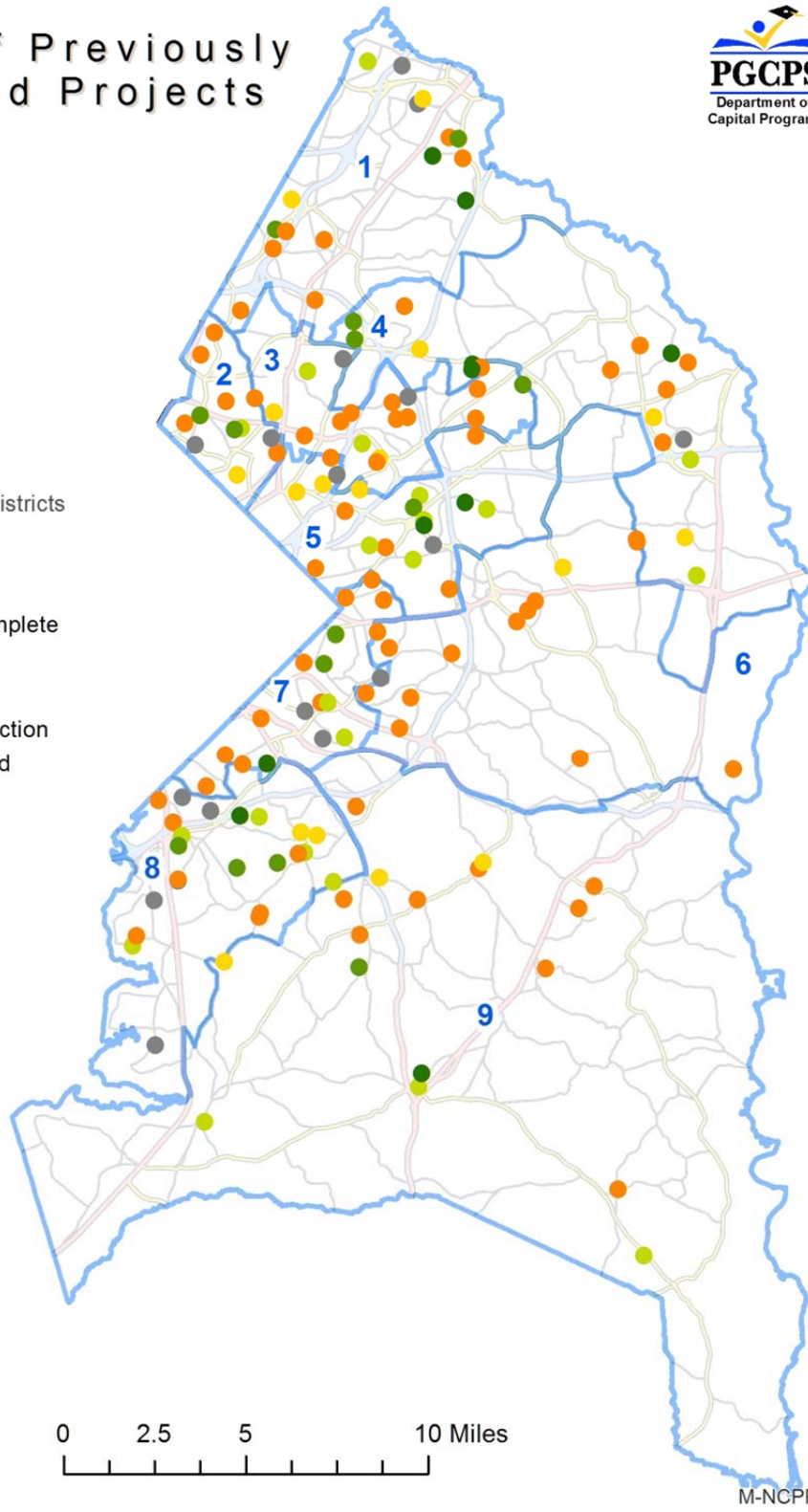
Status of Previously Approved Projects



County Council Districts

Project Status

- Complete
- Substantially Complete
- In Construction
- Design
- Bid / Pre-Construction
- Pending / On Hold



Projects in Planning

School	Description	Status
Suitland HS Campus	Modernization	Local funding approved to conduct Feasibility Study, develop Concept Design and begin some construction
William Schmidt Center	Modernization/Addition	Local funding approved to begin Concept Design
William Wirt MS	Replacement	Local funding approved to develop Concept Design and begin some construction

Projects Pending/ On Hold

School	Description	Status
Benjamin Stoddert MS	Modernization	Lack of school specific local funding to conduct a feasibility study
Kenmoor MS	Modernization/ Addition	Lack of school specific local funding to conduct a feasibility study

SECONDARY SCHOOL REFORM (SSR)

Nine (9) SSR projects were completed or nearing completion in the Summer of 2017.

- Central HS – Law, Education & Public Service; Global Studies
- CH Flowers HS –Business & Finance; Technology; Engineering
- Duval HS – Aviation Phase I; Consumer Services
- Friendly HS – Health & Bioscience
- Gwynn Park HS – Consumer Services (Culinary Arts and Barbering)
- Largo HS – Business & Finance; Health & Bioscience
- Laurel HS – Consumer Services; Health & Bioscience; & Global Studies
- Parkdale HS – Homeland Security & Military Science
- Suitland HS – Business & Finance; Architecture & Design



Greenhouse for Environmental Science



Health & Bioscience (Nursing) at Friendly HS

SYSTEMIC REPLACEMENTS

Twenty-five systemic projects were completed or nearing completion in the Summer of 2017.

- 4 Electrical Repairs/Replacement
- 13 HVAC Projects
- 4 Plumbing Projects
- 3 Roof Replacements
- 1 Window Replacement



Playground Replacement



Roof Top Unit Replacement

MISCELLANEOUS PROJECTS

These projects include replacement of gym floors/bleachers, storm water management, repaving of parking lots, security upgrades, replacement of playground equipment and kitchen renovations.

Examples include:

- Gym Floor and Bleachers (Oxon Hill MS & Kettering ES)
- Kitchen Renovation (Springhill Lake ES)
- Pod Conversions
(Melwood ES, Indian Queen ES, Friendly HS and Largo HS)
- Playground (Tayac ES)
- Parking Lot (Ardmore ES)
- Walls (Catherine T. Reed ES)
- Window Wall (DuVal HS)
- Storm Water Management (Carmody Hills ES)
- Turf Fields (Henry Wise HS & Gwynn Park HS)



Gwynn Park HS Artificial Turf Field

Note: The status of all active, previously approved CIP projects are listed alphabetically by school in Appendix L.