

## Appendix F – Project Descriptions and Justifications

**Appendix F**  
**Project Descriptions and Justifications**

PROJECT/REQUEST		DESCRIPTION & JUSTIFICATION	FY 22 COUNTY FUNDING REQUEST
<b>State &amp; County Funding</b>			
<b>1</b>	William Wirt Middle School Replacement (Construction Funding)	Based on a feasibility study completed in December 2014, William Wirt Middle School is recommended for replacement. William Wirt MS was identified as having critical issues related to indoor air quality, a failing building envelope, and severe overutilization. It has therefore been prioritized to be among the first schools to be addressed in the PGCPS modernization program. The current State Rated Capacity (SRC) is 850 with a projected 2023 enrollment 1629 after 6th grade realignment to provide enrollment relief for the elementary school feeders. Using the educational specifications developed for the FY2015 William Wirt Feasibility Study, the Educational Facility Master Plan (EFMP) recommends 41,542 additional SF for a maximum capacity of 1200. Cooperative use space is requested to support existing community partners to include meeting/classroom space, a family center, pantry, storage, and partnership office space. A letter of support is submitted. Additional enrollment relief will be provided by building a new middle school scheduled to open in school year 2021-22 in this planning area. Local funds were approved in FY2016 and FY 2017 to contract for environmental studies, finalize design capacity, and begin the design process. The State Local Planning approval was granted in FY17. The County provided additional local funds of \$4.344 million in FY18 and 4.5 million in FY19 to complete the design and pre-construction services. The total FY20 CIP request of \$27.3 million (State \$19.110 million and County \$8.190 million) was approved. This project is anticipated to be bid on August 15, 2019. The total FY21 CIP was approved as follows; the State \$12,029,000 million and the County \$18,562,000 million. The request for FY22 CIP is \$21.1 (State \$10,565,705 million and County \$10,599,275 million). The final balance of the funding will be requested in FY23 for \$4.7 (State \$811,295 and County \$3,835,725).	<b>\$10,599,275</b>
<b>2</b>	New Glenridge Area Middle School (Construction Funding)	Since the PGCPS Board adopted an educational initiative to transition 6th grade students to middle school; the system has been gradually changing to a Grades K-5/6-8 configuration on a 'space available basis.' However, a complete reorganization will not be able to occur in the northern part of the county unless the District adds new middle school capacity. The estimated budget is based on a 1,200 students SRC and approximately 164,000 SF building. The new school will include a three room cluster for students with severe and profound disabilities (Emotional Disability/Transition Program) currently located at Kenmore Middle School. PGCPS conducted a Site Feasibility Test Fit study along with a public survey for three possible sites. Of the three sites, the Glenridge Park site was ranked as the highest quality and most suitable site for this new middle school. This site was approved by the School Board on May 12, 2016, and will support the educational program defined by the educational specifications, taking into account program delivery, cost and existing conditions. In accordance with the Interagency Committee (IAC) Administrative procedures, the State Clearinghouse on September 2, 2016 approved the designated use of this site. The total FY20 CIP request of \$27.3 million (State \$17.710 million and County \$13 million) was approved. The total FY21 CIP was approved as follows; (State \$12,059,000 million and County \$14,383,000 million). The total request for FY22 CIP is \$25.2 million (State \$11,035,860 and County \$14,196,000). The final balance of the funding will be requested in FY23 for \$6.7 (State \$1,048,140 and County \$5,648,075).	<b>\$14,196,925</b>
<b>3</b>	Cherokee Lane Elementary School Replacement (Construction Funding)	Cherokee Lane Elementary School is identified as a Cycle 1 school in the FY19 amendments of the FY17 Educational Facilities Master Plan. This school requires a comprehensive modernization or replacement. This facility was built in 1962 with an addition in 1964 with a State rated Capacity of 406 and 2017 enrollment of 554. To allow PGCPS to use properly sized properties for the appropriate educational level, this school will be relocated and built on the Buck Lodge Middle School site. This will allow us to utilize the existing Cherokee Elementary School 22 acre site for the proposed new Adelphi High School. This school was designed to a State Rated Capacity of 790, which will accept the existing students from the existing Cherokee Lane Elementary School facility. However, the addition of a self-contained special education and a STEAM program, this increase the State Rated Capacity to 846. The school attendance boundary would be changed along with Adelphi Elementary School, Cool Spring / Judy Hoyer Center Elementary School and the proposed new Adelphi Elementary School. This will allow all of the students from the existing Adelphi Elementary School to be reassigned to the other 3 schools, depending on the school attendance boundary changes. The vacated Adelphi Elementary School facility will be repurposed with an addition or to be demolished and replaced with a new Adelphi Middle School building. This project was approved under the Innovative Incentive Pilot Program in FY20 CIP. The IAC approved \$1,000 and the County approved \$13,700,000 for the FY20 CIP budget. We are requesting a revised State scope for the FY21 CIP budget request of \$25,811,460,000 based on an increase proposed student enrollment of 846 and the balance of the required County funds. The State construction funding request for FY21 is \$19,128,000 and the County funding request is for \$1,178,000. The IAC recommended \$8,957,00 for FY21 for 90% of the State total construction funding allocation. The proposed total amount of State funding for FY21 is \$19,644,000. The balance of the funds in the amount of \$6,773,529 was approved by the State and satisfies the full State funding allocation in the amount of \$19,644,000. The FY22 budget request is for County funding only in the amount of \$14,208,000.	<b>\$14,208,000</b>

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4	William Schmidt Outdoor Educational Center Renovation and Addition (Construction Funding)	<p>The William S. Schmidt Outdoor Educational Center is comprised of several buildings on 450 acres in Brandywine, Maryland. The oldest building, 14,772 sq.ft. former Orme Elementary School was first built in 1956, with a 2,611 sq.ft. addition in 1959 and is located at 18501 Aquasco Road. Other buildings (20,407 sq. ft.) were added to the property between 1975 and 1982. Under COMAR 13.A.04.17, each local school system shall provide a comprehensive, multi-disciplinary environmental education program infused within current curricular offerings and aligned with the Maryland Environmental Literacy Curriculum. The William Schmidt Center program focuses on providing additional hands-on environmental educational experiences to the students of Prince George's County Public Schools. The Schmidt Center currently hosts overnight trips for 5th grade, a day program for 1st grade (pilot program started in 2015) and overnight programs for middle and high school PGCPs students. The request is for approval of a major renovation/modernization and addition of the campus with some new construction to increase capacity and accommodate special needs students. A master plan and feasibility study for the renovation/modernization and addition of William Schmidt Center was conducted from August 2015 to January 2016. The study provided an assessment of the existing conditions of the site and buildings and analyzed the value and limitations these conditions impose upon the various approaches to this redevelopment project. The scope of the project listed here is the result of the study that was unanimously approved by the committee. The William Schmidt Outdoor Center revitalization project is comprised of two new residential "green villages", a new dining hall facility, a new environmental research center, major renovations to the original Orme school building, and minor renovations to the Neville staff building. The project will also address site and landscape improvements associated with the building sites, and limited modifications to campus vehicular drives and parking areas, pedestrian pathways, and walking trails. The scope of the project includes modernization of the campus by demolishing the existing residential village and renovating approximately 22,433 GSF and adding approximately 53,140 GSF of new one-story buildings to the facility. In building the two new residential "green villages", the project will increase the overnight residential capacity from 264 total to 336 student participants and provided for 56 adult chaperones and teachers. A new centrally located full service-dining hall will seat approximately 275 students and adults and provide additional classroom space. A complete renovation of the original Orme school building providing lab space, classrooms, seminar and flexible multi-purpose rooms to enhanced programming opportunities at the Schmidt campus. Planned site and landscape improvements including, outdoor classrooms, discovery gardens, trails, activity circuits, and meadows will knit the fabric. Local funds of \$2.5 million were approved in FY 18 to contract for environmental studies and complete design. The State Approved Local Planning Approval for this project in FY18. The County approved \$1,800,000 for construction funds in FY20. The FY21 CIP State budget request is in the amount of \$8,498,000 and the County budget request is in the amount of \$9,417,000 for total request of \$17,915,000. The total FY21 CIP was approved in the amount of \$14.5 as follows; (State \$8,498,000 million and County \$6,003,000 million). The total request for FY22 CIP is \$19.6 million (State \$10,539,000 and County \$9,416,000). The final balance of the funding will be requested in FY23 for \$6.4 (State \$0 and County \$6,355,000).</p>	<b>\$9,416,000</b>
5	Suitland HS Complex Renovation and Addition (Planning Approval)	<p>Local funds of \$6 million were approved in FY18 to develop a school specific educational specification, conduct a feasibility study, contract for environmental studies and complete design of the campus buildings. Two Project Planning Committees (PPC), one for CVPA and one for high School &amp; technical academy, were established in June 2017 to begin the feasibility study. In the winter 2017, PGCPs and the Prince Georges County government contracted for a study to consider location and program delivery options for the CVPA. In the winter 2017, PGCPs and the Prince Georges County government contracted for a study to consider location and program delivery options for the CVPA. The intergovernmental steering committee chose a 'stand-alone' school option but did not finalize the location. In FY19, 6 million in capital funding was approved to continue with a Feasibility Study of the entire Suitland High School Campus for 1200 students in the comprehensive program, 500 students in the Center for the Visual and Performing Arts, and 300 students in the Technical Academy. The Feasibility Study process started in May of 2018 and was completed with the last Project Planning Committee Meeting conducted on November 7, 2019. The basic conclusion was that design conceptual design option was recommended by the Project Planning Committee for a comprehensive high school combined with the CVPA without the CTE program. This was recommended to the Board of Education on behalf of the CEO. On June 20, 2019 the Board of Education approved the final Feasibility study dated March 7, 2019 with the recommended design option of IIIA combining the comprehensive high school with the CVPA. This option maintains individual separate program spaces for each school with separate entrance indentities. The common core spaces such as the Auditorium, Media, Cafeteria, Kitchen, gymnasium along with the Health Suite are shared among the two (2) schools. The Architect firm that performed the Feasibility Study was selected based on a rider option within their contract to provide full comprehensive design services. On August 22, 2019, the Board of Education approved their contract amendment to proceed with these services. Due to a lack of available swing space and the avoidance of building relocatable classrooms, the comprehensive high school students will remain in the main building during the construction. To achieve this the conceptual design approved by the Board of Education had to be modified to allow a phased project. The new comprehensive high school buildings will be built first for an occupancy August 2024 and the CVPA portion of the building will be built after the comprehensive high school moves into the new portion of the building. The new CVPA portion of the is scheduled for occupancy in December 2025. The demolition of the exsiting buldings and the construction of the remainder of the site improvemnts, stadium and athletic fields will be completed August 2026. The FY21 Capital Improvement Program request is for State Local Planning Approval that was approved. The request for FY22 CIP is \$23.2 (State \$11,710,417 million and County \$11,516,379 million). The construction funds will be requested in FY23, FY24, FY25 and FY26.</p>	<b>\$11,516,379</b>

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6	Cool Spring ES Addition and Renovation	Cool Spring Elementary is a three-story, 139,211 sq. ft. facility located on a 21.7 acre site, in Adelphi MD. Originally built in 1955 with an addition in 1959 of 1,620 sqft., an addition in 1964 of 29,068 sqft. and an addition of 5,888 sqft included in the total gross sqft. This the school has a State Rated Capacity of 535 students with a current enrollment of 856 PK-6 grades. This includes a three-story 58,000 sqft Annex (former dormitories), which is currently used to provide special services to the community including the Judy Hoyer Center. This facility is located in the northern area of the county that is severely over crowded at all grade levels. To maximize our current facilities and existing properties we are proposing to renovate and add an addition to the Annex building converting this facility into an intermediate elementary school from grades 3 - 5 at a design capacity of 560. The existing occupied school will be repurposed for primary elementary school students and remain at the same SRC of 535. The facility will be designed with new state-of-the-art "GREEN" school features meeting Prince George's County Public School's prototypical educational specification with a shared gymnasium and a media between the Cool Spring ES and the Annex. The Cool Spring ES school does not have any immediate capital needs but will need a piping replacement, ceiling replacement and additional individual bathrooms in approximately seven (7) classrooms to serve PK-2nd grade students. However, we will consider major renovation to the existing Cool Spring Elementary School to make sure the facility provides sufficient space for the program delivery of Primary Elementary school students pre-kindergarten through 2nd grade. This will be included in the Annex building conversion project to an intermediate elementary school from 3rd through 5th grades. The FY22 CIP request includes the request for State Local Planning approval and for design funds from the County in the amount of \$3,020,087. The request for construction funding will start in FY23.	<b>\$3,020,087</b>
7	New Northern High School	A new high school is recommended for the northern part of the County (Planning area 38) driven by current and projected over utilization. The project is aligned with the adopted FY2017 EFMP. Based on the draft educational specifications outlining the program for a comprehensive and the CTE technical academy, the proposed design capacity is for core capacity of 2,000 and a CTE capacity of 300 to be used for two (2) programs, one (1) in the morning and one (1) in the afternoon. This will increase the capacity of the technical academy to 600 students. The final scope will be determined following a planning study to consider potential boundary changes from surrounding schools. The FY20 County CIP was approved in the amount of \$1,000,000 for planning and the initial start of the design services. The FY22 CIP is budget request for State Local Planning Approval and the balance of the design funds from the County in the amount of \$3,000,000. Construction funds will be requested in FY24, FY25, FY26, FY27, FY28 and FY29.	<b>\$3,000,000</b>
8	High Point High School Replacement	High Point High School completed a Feasibility Study in 2014 with a conceptual design option recommendation for a Maximum Unoccupied Renovation, which was Board of Education approved. The study will encompass the entire High Point High School campus comprised of the main comprehensive school building, the stadium, athletic fields, parking lots, bus and parent drop off. The educational specifications was based on 2,450 comprehensive students and 50 regional special education students. The educational program was based on smaller learning campuses or career academies such as Engineering & Sciences, Environmental Studies, Homeland Security and Military Science and Academy of Hospitality and Tourism. This feasibility study also included outdoor learning spaces and a sustainable design. The cost of this conceptual design recommendation would cost \$203,384,642 based on 402,871 square feet in current market conditions with escalation and soft costs. In an attempt to reduce costs and use as much of the existing structure as possible, the revised conceptual design option that will reuse 290,000 square feet of the existing building and the addition of 130,000 square feet for a 3-story classroom, new main gymnasium and a connector from the new main gymnasium to the existing auxiliary gymnasium. This conceptual design option will require the demolition of the 1-story section of the building approximately 30,000 square feet. The FY22 CIP is budget request for State Local Planning Approval and the balance of the design funds from the County in the amount of \$8,000,000. Construction funds will be requested in FY24, FY25, FY26, FY27, FY28, FY29, FY30 and FY32.	<b>\$8,000,000</b>
9	Margaret Brent Regional ES (Planning Approval)	AN MOU agreement has been executed with the M-NCPPC to transfer land that currently houses the Glenridge Elementary School. This was put forth to compensate for the land that is currently under an MOU agreement for the Glenridge Park land used for the new Glenridge Middle School. This land swap agreement provides us with approximately 5 years to make arrangements to move the student population from the Glenridge Elementary School to Margaret Brent Elementary School. This is currently a stand alone Regional Special Education program. This special education student population will be accommodated in the new modernized facility along with a Early Childhood Center. The FY22 request is for State planning approval to begin construction in the Fall of 2024. The construction funds will be requested in FY25 and FY26.	<b>\$0</b>

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10	New International High School at Langley Park (Planning Approval)	PGCPS opened two new International High Schools in 2015 to offer traditionally underserved students (i.e. high percentage of at risk, economically disadvantaged English language learners and first generation college goers) and newcomer immigrant students an innovative opportunity to complete a high school diploma in a learning environment customized to their specific learning needs. One school will be located in the northern part of the County where the largest number of newly arrived immigrant students requiring English as a Second Language (ESL) services live. Currently the "Northern School" is housed in relocatable classrooms on the Annapolis Road Academy Campus. The proposed SRC for the International High School is 400 with a projected future enrollment of 400. The County provided local funds of \$2.5 million in FY19 to develop the educational specifications, contract for environmental studies, complete the design and pre-construction services. The final educational specification for this school was completed with the gross square of building at 58,372. The final scope was determined during schematic design, which is 61,503 gross square feet. The County CIP budget request from the county was approved in the amount of \$500,000 to show commitment for the project and supplemental design and pre-construction services. The FY21 CIP budget request consists of State Local Planning Approval. The FY22 CIP budget consists of requesting Local Planning Approval from the State. The anticipated construction funding request is estimated to occur in FY27.	\$0
11	Charles Flowers High School HVAC (Construction Funding)	Existing Information: Charles Flowers HS was constructed in 1999 with no subsequent additions. The existing HVAC system includes a hot water/chilled water plant with both constant volume and variable air volume (VAV) distribution systems. The system is equipped with direct digital controls which have now become obsolete and difficult to maintain building comfort and air balance. The rooftop unit (RTU) serving the gym was never designed with air conditioning. Additionally, the variable frequency drives installed on majority of the HVAC equipment have failed causing systems to run non-stop and contribute to astronomically high energy bills. Scope of Work Overview: The scope of work for this project is to replace all 20 rooftop units and a full controls upgrade. The existing ten (10) constant volume and ten (10) variable air volume RTUs serving the facility shall all be replaced, including upgrading the gymnasium units to provide air conditioning. The scope will include wrapping existing ductwork for the gym units in new insulation to support air conditioning. The current controls system is an obsolete Johnson Controls/Metasys system that would require retrofitted components to execute repairs. This has become very costly over time and the life cycle of the controls system as a whole has lapsed. The system shall be upgraded to a Fully Open Tridium/Niagara N4 System. The controls upgrade will allow for better monitoring and management of HVAC systems. Scope will also include replacement of all reheat valves on VAV terminal boxes, all plant control valves and recommissioning of airside equipment building wide.	\$3,000,000
<b>Major Projects &amp; Modernization Sub Total</b>			<b>\$76,956,666</b>
<b>FY22 Future Funded Modernizations &amp; Replacements</b>			
	FY22 Future Funded Modernizations & Replacements	This project category provides State reimbursement of County funds used to construct eligible school construction projects for which State funds have not yet been allocated. Frances R. Fuchs ECC Modernization/Addition - Design Funding Request	\$1,800,000
<b>Subtotal FY22 Future Funded Modernizations &amp; Replacements Projects</b>			<b>\$1,800,000</b>
<b>Alternative Construction Financed (ACF) Projects #1</b>			
	Alternative Construction Financed (ACF) Projects #1	This project category is needed to address the need to deliver adequate educational facilities in a timely and cost effective manner. This request is for escrow payment towards the 1st ACF package for the following schools. New Adelphi MS Walker Mill MS Replacement Kenmoor MS Replacement Drew Freeman MS Replacement Hyattsville MS Renovation/Replacement New Potomac Area K-8 School	\$34,000,000
<b>Subtotal Alternative Construction Financed (ACF) Projects #1</b>			<b>\$34,000,000</b>
<b>Shortfall for Prior Approved Projects</b>			
	Open Space Pod Projects Financial Closeouts	Converting large, open space pod classrooms in existing schools to traditional, closed classrooms for fewer students. This includes replacing movable walls between classrooms with permanent, soundproof walls.	\$1,000,000
	Systemic Replacement Project Financial Closeouts	Funding that was not carried forward to the current fiscal year to prevent funds from expiring. This is to restore expired funds to complete outstanding projects.	\$5,000,000
<b>Subtotal Shortfall for Prior Approved Projects</b>			<b>\$6,000,000</b>

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<b>County Funded Only Projects</b>			
	Healthy Schools (HVAC)	This staged renovation project addresses the holistic performance of the heating and cooling systems within existing schools. It incorporates improvements related to roofing and lighting, thermal issues related to windows and doors, noise reduction, moisture mitigation, and improved security and safety.	<b>\$2,000,000</b>
	Core Enhancements	This staged renovation focuses on enhancements to large school facility spaces such as cafeterias, multi-purpose rooms, gymnasiums, media centers, restrooms and fixtures, stage flooring, and hallways.	<b>\$2,000,000</b>
	Future Ready Teaching & Learning	This staged renovation addresses improvements to instructional areas. These improvements would include new whiteboards and other interactive teaching technology, new classroom fixtures, improved wireless access, flexible furniture, functional electrical outlets comfortable lighting and good acoustics.	<b>\$2,000,000</b>
	Safe Passages to Schools	This Staged Renovation project type is designed to address vehicular and pedestrian signage, circulation, fences, play areas, and exterior lighting. The effort is in coordination with the national program, Safe Routes to Schools, that ensures routes from neighborhoods to the school property are safe for walkers and bikers.	<b>\$2,000,000</b>
	Secure Accessible Facilities Entrances (SAFE)	This Staged Renovation addresses improvements to the front entrance and lobby areas of school facilities. It includes upgraded signage to the building and in key locations inside of the building.	<b>\$750,000</b>
<b>Subtotal Staged Renovation Projects</b>			<b>\$8,750,000</b>
<b>Compliance Mandate Projects</b>			
	Asbestos Abatement (Hot Ceiling Tile & Hot Floor Tile Replacement)	This project provides funding for the abatement and replacement of all asbestos ceiling tiles throughout the school system. New ceiling tiles will improve the learning environment of the schools and help prevent any potential incidents involving asbestos exposure. New tiles will also make a large improvement in the school's appearance. Many of the existing tiles that contain asbestos are stained from age or roof leaks and cannot legally be replaced without abatement.	<b>\$850,000</b>
	American with Disabilities Act (ADA) Upgrades	This project addresses ADA improvements to all school buildings to conform with current code. All Prince George's County Public Schools were originally built to comply with the codes and building standards in effect at the time of design and construction. Annual inspections of our facilities continue to identify accessibility issues that fail to meet present codes.	<b>\$1,000,000</b>
	Buried Fuel Tank (Underground Storage Tank) Replacement	This project provides funding for replacing buried heating and motor 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. 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 tanks tested to date have shown evidence of leaks indicating the need for replacement.	<b>\$500,000</b>
	CFC Control and A/C Modernization	This project provides funding to retrofit or replace aging air-conditioning equipment with the goal of eliminating the use of chlorofluorocarbons (CFC) based refrigerants. Immediate action will be taken to reduce the release of CFC compounds by installing high efficiency purge pumps on large central chillers. Central chillers will be evaluated on a case-by-case basis to determine whether conversion, renovation or replacement is most appropriate. In addition to central chillers, the project will include rooftop units, absorption systems and cooling towers. Many of the large central chillers in our schools have exceeded recommended overhaul intervals. The designed lifetime for rooftop air-conditioning equipment is approximately 15 to 20 years, and most of the rooftop units have already outlived their life expectancy.	<b>\$0</b>
	Code Corrections (Fire Alarms, Fire Hydrants)	This project consists of updating a number of existing school buildings to meet current county, state and federal building codes. Top priority will be given to the fire hydrant line extensions and the remaining funding will be used for other pending high-priority needs. All code requirements were met at the time the schools were built; however, codes have continued to be updated. New fire, health, safety and handicap codes require alterations to correct deficiencies noted in annual inspections by the regulating agencies.	<b>\$1,875,000</b>
	Lead Remediation Projects	The project provides funds to remediate possible lead from drinking water and to meet EPA standards. All code requirements were met at the time the schools were built; however EPA codes have continued to be updated.	<b>\$500,000</b>
<b>Compliance Mandate Projects Subtotal</b>			<b>\$4,725,000</b>
<b>Other County-Wide Projects</b>			
	A/C / HVAC Upgrades	This project provides funding to complete air conditioning and heating upgrades in classrooms, multipurpose rooms, and other instructional rooms in elementary, middle, and high schools, as well as other instructional facilities. There remains a need to complete airconditioning and heating upgrades in several instructional rooms in elementary, middle, and high schools, as well as other instructional facilities.	<b>\$15,000,000</b>



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	Central Garage/ Transportation Dept. Improvements	This project seeks to improve bus and vehicle service areas at several locations. A study was conducted to develop a phased program to improve working conditions at these facilities, enhance worker productivity, and to provide safer working conditions. Fully-enclosed service sheds and offices will be provided at several existing bus lots in the County. There is a critical need to provide the bus lot mechanics with workspaces that afford protection from the elements. These work stations will eliminate the need to transfer buses from bus lots to one of the three garages for repairs.	<b>\$10,000,000</b>
	Kitchen and Food Service Projects	This project includes short-term and long-term capital improvements to the food service facilities and equipment. This project allows for new or renovated kitchens at existing schools and for new and efficient food delivery systems to achieve maximum output within a minimum amount of space using minimum amount of labor.	<b>\$3,000,000</b>
	Land, Building and Infrastructure	This project provides funds for acquisition of private property to be used for school sites and the implementation of infrastructure such as road and access improvements. With the rapid growth in population in Prince George's County, the locations needed for schools often do not align with the limited inventory of sites owned by the Board of Education, M-NCPPC and the County government. The acquisition of private properties to supplement the inventory of publicly owned sites will become an increasing reality in future years. Future requests for private property acquisitions are still under consideration and have not been determined. Infrastructure improvements may be needed in conjunction with new schools and the modernization of existing schools.	<b>\$4,000,000</b>
	Major and Emergency Repairs/ Life Cycle Replacements	This project provides funding for the repair and replacement of bleachers, lockers, flooring, boilers, electrical systems, energy projects, environmental issues, painting, structural systems, emergency repairs, and expenses associated with meeting federally-mandated regulations. The average age of school buildings is approximately 40 years and the supporting building systems and equipment have exceeded their life expectancy. Consequently, there has been a marked increase in electrical, plumbing, and structural component failures. The cost of either planned replacements or emergency repairs for such items far exceed provisions in the annual maintenance operating budget.	<b>\$17,095,000</b>
	Parking Lots/ Driveways	This project provides funding for additional entrance/exit drives, vehicle turnarounds, bus waiting areas, sidewalks, and parent drop-off/pick-up areas at various school sites to accommodate the increased volume of traffic and improve on-site safety. Most schools were built when a majority of students walked to school and driveways were designed to handle only staff and visitor parking with a limited number of school buses. With the increase in school bus traffic and the number of parents transporting children to and from school, driveways often cannot handle the traffic volume. This situation has resulted in congestion during arrival and dismissal times.	<b>\$1,500,000</b>
	Planning & Design Services	This project provides the necessary funding to support preliminary planning and design for future capital projects prior to the approval of school specific construction funding for a comprehensive school renovation, modernization, or systemic project. Funding in this category supports Feasibility Studies as well as preliminary design for Staged Renovations, roofs and other systemic projects. Preliminary planning and design is necessary to more accurately estimate future construction budgets for more comprehensive capital projects. This will further validate, update, and justify the capital improvements needed for the District. It provides a source of funds to initiate planning and design earlier than customary for capital improvement in the BOE six-year plan.	<b>\$4,000,000</b>
	Playground Equipment/ Playing Field Replacements	This project replaces existing, outdated playground equipment at elementary and K-8 schools. It also upgrades existing playing fields for all schools. Many school facilities have playground equipment that has aged and is in need of repair or replacement. In addition, playing fields at secondary and other schools are in need of upgrades due to the age of the original playing field installations.	<b>\$500,000</b>
	Roof Replacement Projects	PGCPS has 209 facilities with 40% of the inventory over 40 years old. Roofing systems have a 20 -30 year life span under an No-Dollar-Limit of 20 years. After this period failures are inevitable and must be replaced. An ideal roof replacement program would require at least 7 roofs per year replaced. However, due to funding limitations we are requesting funding to perform approximately 3 roofs per year.	<b>\$10,300,000</b>
	Security Upgrades	These upgrades will provide a security camera and other infrastructure at elementary, middle, high and other school facilities in the County. Due to theft and vandalism, break-ins, student needs and overall security, the requested funding will provide the necessary security equipment and infrastructure.	<b>\$3,000,000</b>
	Stadium Upgrades	This project provides funding to upgrade high school exterior athletic areas including turf fields, bleachers, press boxes, lighting, restrooms, and running tracks. A dedicated project category is needed to ensure a resource is available for stadium upgrades for projects at the remaining 10 high schools.	<b>\$3,500,000</b>
	Stand-Alone Classrooms	These are prefabricated single classrooms used for temporary capacity relief at overcrowded schools. This depends on current enrollment as well as future projections to make sure there is sufficient space for the proper delivery of education.	<b>\$6,000,000</b>
<b>Other County-Wide Projects Subtotal</b>			<b>\$77,895,000</b>
<b>FY2021 TOTAL REQUEST</b>			<b>\$210,126,666</b>