

## **Appendices A-G**

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Appendix A: FY2019-2024 Board of Education  
Capital Improvements Program

Source: Frederick County Public Schools, September 2017



**FREDERICK COUNTY PUBLIC SCHOOLS  
Capital Improvement Program Requests  
Fiscal Years 2019-2024**

	LOCAL	Funding Request STATE (000's omitted)	TOTAL
<b>FY19 (July 1, 2018)</b>			
<u>MAJOR CONSTRUCTION/RENOVATION:</u>			
Urbana ES: Replacement - Site	\$5,206	\$2,875	\$8,081
Waverley ES: Modernization/Addition - Design	\$4,639	\$0	\$4,639
Liberty ES: Modernization/Addition - Feasibility Study	\$200	\$0	\$200
Subtotal	\$10,045	\$2,875	\$12,920
<u>BUILDING/SITE IMPROVEMENTS:</u>			
Portable Classroom Relocation and Replacement	\$1,200	\$0	\$1,200
Catoctin HS: HVAC Replacement (Phase 1)	\$1,576	\$2,624	\$4,200
Middletown ES: HVAC Replacement/Gymnasium A/C	\$148	\$230	\$378
Woodsboro ES: Boiler Replacement	\$160	\$218	\$378
Valley ES: Roof Replacement	\$154	\$242	\$396
Thurmont MS: Roof Replacement	\$229	\$381	\$610
Carroll Manor ES: Sewage Pump Station	\$224	\$348	\$572
Gov TJ HS: Roof Replacement (Phase 2)	\$170	\$251	\$421
Walkersville HS: Pavement Reconstruction/Lighting	\$1,400	\$0	\$1,400
Catoctin HS: Track Reconstruction	\$999	\$0	\$999
Orchard Grove ES: Flooring Replacement	\$370	\$0	\$370
Monocacy ES & Valley ES: Playground Equipment	\$230	\$0	\$230
Subtotal	\$5,660	\$4,294	\$9,954
<b>TOTALS</b>	<b>\$16,905</b>	<b>\$7,169</b>	<b>\$24,074</b>

Note: Project funding is subject to approval by County Council and State Board of Public Works.  
Current approved FY18-23 County CIP found in Appendix E.



**FREDERICK COUNTY PUBLIC SCHOOLS**  
**Capital Improvement Program Requests**  
**Fiscal Years 2019-2024**

PROJECT DESCRIPTION	LOCAL	Funding Request STATE (000's omitted)	TOTAL
<b>FY20 (July 1, 2019)</b>			
<u>MAJOR CONSTRUCTION/RENOVATION:</u>			
Urbana ES: Replacement - Construction/Equipment	\$19,331	\$15,584	\$34,915
Rock Creek: Replacement - Site	\$3,698	\$2,028	\$5,726
East county area ES: New - Design	\$3,070	\$0	\$3,070
Brunswick HS: Modernization/Addition - Feasibility Study	\$200	\$0	\$200
Subtotal	\$26,299	\$17,612	\$43,911
<u>BUILDING/SITE IMPROVEMENTS:</u>			
Portable Classroom Relocation and Replacement	\$1,000	\$0	\$1,000
Catoctin HS: HVAC Replacement (Phase 2)	\$1,750	\$3,250	\$5,000
Portable Classrooms: HVAC Replacement (Phase 1)	\$500	\$0	\$500
Green Valley ES: Domestic Water Storage Tank Replacement	\$350	\$0	\$350
Lincoln ES "A": Roof Replacement	\$190	\$285	\$475
Walkersville MS: Roof Replacement	\$581	\$905	\$1,486
New Market ES: Boiler Replacement	\$207	\$288	\$495
Catoctin HS: Pavement Reconstruction/Lighting (Phase 1)	\$500	\$0	\$500
Whittier ES: Fire Alarm Replacement	\$100	\$0	\$100
Twin Ridge ES: Flooring Replacement	\$300	\$0	\$300
Urbana HS: Tennis Courts Reconstruction	\$440	\$0	\$440
Brunswick MS: Oil Tank Replacement	\$179	\$0	\$179
Walkersville HS: Stadium Light Replacement	\$350	\$0	\$350
Yellow Springs ES: Playground Replacement	\$210	\$0	\$210
Brunswick HS: Auditorium Renovation (??)	\$480	\$720	\$1,200
Subtotal	\$6,137	\$5,448	\$11,585
<b>TOTALS</b>	<b>\$33,436</b>	<b>\$23,060</b>	<b>\$56,496</b>

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**FREDERICK COUNTY PUBLIC SCHOOLS**  
**Capital Improvement Program Requests**  
**Fiscal Years 2019-2024**

PROJECT DESCRIPTION	LOCAL	Funding Request	
		STATE	TOTAL
(000's omitted)			
<b>FY21 (July 1, 2020)</b>			
<u>MAJOR CONSTRUCTION/RENOVATION:</u>			
Rock Creek School: Replacement - Construction/Equipment	\$26,356	\$10,989	\$37,345
Waverley ES: Modernization/Addition - Site	\$3,672	\$3,892	\$7,564
East county area ES: New - Site	\$3,166	\$2,875	\$6,041
Brunswick HS: Modernization/Addition - Design	\$8,711	\$0	\$8,711
Middletown HS: Modernization - Feasibility Study	\$200	\$0	\$200
Subtotal	\$42,105	\$17,756	\$59,861
<u>BUILDING/SITE IMPROVEMENTS:</u>			
Portable Classroom Relocation and Replacement	\$1,200	\$0	\$1,200
Walkersville MS: HVAC Replacement	\$400	\$600	\$1,000
Windsor Knolls MS: Chiller Replacement	\$130	\$195	\$325
Portable Classrooms: HVAC Replacement (Phase 2)	\$500	\$0	\$500
Ballenger Cr ES: ACCU/AHU Replacement	\$164	\$236	\$400
Glade ES: Terminal and Package Unit Replacement	\$337	\$563	\$900
Brunswick MS: Boiler Replacement	\$180	\$270	\$450
Valley ES: Connection to public water	\$200	\$0	\$200
Ballenger Creek MS: Roof Replacement (Phase 1)	\$517	\$634	\$1,151
Myersville ES: Oil Tank Replacement	\$174	\$261	\$435
Middletown ES: Roof Replacement	\$136	\$203	\$339
Walkersville HS: Tennis Courts Reconstruction	\$446	\$0	\$446
Urbana HS: Flooring Replacement	\$835	\$0	\$835
Middletown MS: Flooring Replacement	\$529	\$0	\$529
Emmitsburg ES & Wolfsville ES: Playground Replacement	\$140	\$0	\$140
Catoctin HS: Pavement Reconstruction/Lighting (Phase 2)	\$725	\$0	\$725
Subtotal	\$5,413	\$2,962	\$8,375
<b>TOTALS</b>	<b>\$48,718</b>	<b>\$20,718</b>	<b>\$69,436</b>

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**FREDERICK COUNTY PUBLIC SCHOOLS**  
**Capital Improvement Program Requests**  
**Fiscal Years 2019-2024**

PROJECT DESCRIPTION	LOCAL	Funding Request STATE (000's omitted)	TOTAL
<b>FY22 (July 1, 2021)</b>			
<u>MAJOR CONSTRUCTION/RENOVATION:</u>			
Waverley ES: Modernization/Addition - Construction/Equipment	\$22,527	\$21,092	\$43,619
East county area ES: New - Construction/Equipment	\$19,962	\$15,584	\$35,546
Liberty ES: Modernization/Addition - Design	\$4,095	\$0	\$4,095
Walkersville MS: Modernization - Feasibility Study	\$200	\$0	\$200
Subtotal	\$46,784	\$36,676	\$83,460
<u>BUILDING/SITE IMPROVEMENTS:</u>			
Portable Classroom Relocation/Replacement	\$1,150	\$0	\$1,150
Carroll Manor ES: Terminal and Package Unit Replacement	\$249	\$371	\$620
Valley ES: Terminal Units Replacement	\$120	\$180	\$300
Thurmont ES Boiler Replacement	\$180	\$270	\$450
Monocacy ES: Roof Replacement (Phase 1)	\$168	\$300	\$468
Brunswick MS: Roof Replacement (Phase 2)	\$160	\$239	\$399
Emmitsburg ES: Roof Replacement (Phase 2)	\$111	\$167	\$278
Brunswick HS: Window/Door Replacement	\$414	\$576	\$990
Sabillasville ES: Oil Tank Replacement	\$250	\$0	\$250
Walkersville MS: Pavement Reconstruction	\$900	\$0	\$900
Brunswick HS: Flooring Replacement	\$767	\$0	\$767
Urbana HS Campus Drive: Upgrade	\$900	\$0	\$900
Gov TJ HS: Track Reconstruction	\$1,300	\$0	\$1,300
Twin Ridge ES: Playground Replacement	\$230	\$0	\$230
Gov TJ HS: Oil Tank Removal	\$100	\$0	\$100
Subtotal	\$5,849	\$2,103	\$7,952
<b>TOTALS</b>	<b>\$53,783</b>	<b>\$38,779</b>	<b>\$92,562</b>

Note: Project funding is subject to approval by County Council and State Board of Public Works. Current approved FY18-23 County CIP found in Appendix E.



**FREDERICK COUNTY PUBLIC SCHOOLS**  
**Capital Improvement Program Requests**  
**Fiscal Years 2019-2024**

PROJECT DESCRIPTION	LOCAL	Funding Request STATE (000's omitted)	TOTAL
<b>FY23 (July 1, 2022)</b>			
<u>MAJOR CONSTRUCTION/RENOVATION:</u>			
Liberty ES: Modernization/Addition - Site	\$3,375	\$1,840	\$5,215
Brunswick HS: Modernization/Addition - Construction/Equipment	\$48,639	\$33,078	\$81,717
North Frederick City area ES: New - Design	\$3,145	\$0	\$3,145
Middletown HS: Modernization - Design	\$9,745	\$0	\$9,745
Subtotal	\$64,904	\$34,918	\$99,822
<u>BUILDING/SITE IMPROVEMENTS:</u>			
Portable Classroom Relocation and Replacement	\$1,200		\$1,200
Middletown Primary: Chiller Replacement	\$152	\$198	\$350
Urbana HS: Chiller Replacement	\$307	\$493	\$800
Yellow Springs ES: Terminal Units/Window/Door Replacement	\$375	\$560	\$935
New Market MS: Science Lab Renovation	\$100	\$0	\$100
Hillcrest ES: Boiler Replacement	\$182	\$273	\$455
Ballenger Creek MS: Roof Replacement (Phase 2)	\$560	\$840	\$1,400
Monocacy ES: Roof Replacement (Phase 2)	\$348	\$620	\$968
Ballenger Creek ES: Roof Replacement (Phase 1)	\$274	\$412	\$686
Thurmont ES: Roof Replacement	\$373	\$485	\$858
Artificial Turf Replacement (MHS or OHS)	\$500	\$0	\$500
Middletown HS: Stadium Light Replacement	\$140	\$210	\$350
New Market MS: Flooring Replacement	\$529	\$0	\$529
Oakdale HS: Track Resurface	\$125	\$0	\$125
Deer Crossing ES: Paving	\$1,300	\$0	\$1,300
Linganore HS: Tennis Court Reconstruction	\$440	\$0	\$440
Walkersville HS: Window/Door Replacement	\$368	\$552	\$920
Subtotal	\$6,073	\$4,643	\$10,716
<b>TOTALS</b>	<b>\$72,177</b>	<b>\$39,561</b>	<b>\$111,738</b>

Note: Project funding is subject to approval by County Council and State Board of Public Works. Current approved FY18-23 County CIP found in Appendix E.





**FREDERICK COUNTY PUBLIC SCHOOLS**  
**Capital Improvement Program Requests**  
**Fiscal Years 2019-2024**

PROJECT DESCRIPTION	LOCAL	Funding Request STATE (000's omitted)	TOTAL
<b>FY24 (July 1, 2023)</b>			
<u>MAJOR CONSTRUCTION/RENOVATION:</u>			
Liberty ES: Modernization/Addition - Construction/Equipment	\$19,262	\$10,806	\$30,068
Middletown MS: Modernization - Feasibility Study	\$200	\$0	\$200
Walkersville MS: Modernization - Design	\$5,573	\$0	\$5,573
Additional Middle School Seats - Design	\$800	\$0	\$800
Subtotal	\$25,835	\$10,806	\$36,641
<u>BUILDING/SITE IMPROVEMENTS:</u>			
Portable Classroom Relocation and Replacement	\$1,200		\$1,200
Whittier ES: Chiller Replacement	\$100	\$150	\$250
Kemptown ES: HVAC & Boiler Replacement	\$552	\$828	\$1,380
Brunswick HS: Track Reconstruction	\$1,200	\$0	\$1,200
Middletown HS: Roof Replacement (Phase 1)	\$174	\$261	\$435
Thurmont MS: Boiler Replacement	\$232	\$348	\$580
Ballenger Creek ES: Roof Replacement (Phase 2)	\$163	\$290	\$453
Catoctin HS: Auditorium renovation	\$294	\$442	\$736
Thurmont ES: Window/Door Replacement	\$174	\$262	\$436
Windsor Knolls MS: Flooring Replacement	\$459	\$0	\$459
New Market MS: Tennis Court Reconstruction	\$192	\$0	\$192
Catoctin HS: Tennis Court Reconstruction	\$197	\$0	\$197
Middletown HS: Track Reconstruction	\$1,500	\$0	\$1,500
Walkersville ES: Terminal and Package Unit Replacement	\$352	\$573	\$925
Subtotal	\$5,589	\$3,154	\$8,743
<b>TOTALS</b>	<b>\$32,624</b>	<b>\$13,960</b>	<b>\$46,584</b>

Note: Project funding is subject to approval by County Council and State Board of Public Works. Current approved FY18-23 County CIP found in Appendix E.



Appendix B: Proposed Calendar for the FY2019 Capital Budget and the  
FY2019-2024 Capital Improvement Program

Source: Frederick County Public Schools, July 2017

B

**RECOMMENDED CALENDAR  
for the  
EDUCATIONAL FACILITIES MASTER PLAN  
and the  
FY 2019-2024 CAPITAL IMPROVEMENT PROGRAM**

August 2017	Superintendent Recommended Plan presented to the Board of Education
September 2017	Board of Education public hearing on the Superintendent's Recommended Plan and FY 2019-2024 Capital Improvement Program (CIP)
September 2017	Board of Education action to adopt the Plan and FY 2019-2024 CIP
October 2017	Board of Education FY 2019-2024 requests for state funded projects due to the Interagency Committee on School Construction. County Executive communicates support to IAC
November 2017	FY 2019-2024 CIP requests due to county staff
January and February 2018	County staff workshops on CIP requests
April 2018	County Executive proposed FY 2019-2024 CIP issued
May 2018	County Council's public hearings on County Executive proposed FY 2019 Capital Budget and FY 2019-2024 CIP
June 2018	County adopts FY 2019 Capital Budget and FY 2019-2024 CIP

B

## Appendix C: State IAC Funding Priorities

Source: Maryland Interagency Committee on School Construction, September 27, 2013



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SEPTEMBER 27, 2013**

- (3) If amendments change the priority order of projects, submit the projects in new priority order, and change the Table of Contents and Form 102.4 appropriately.
  - b. All amendments must be approved by the local board of education. A cover letter signed by the superintendent indicating local board approval is sufficient.
  - c. The letter of support from the local government (see Section 102.1.B.6) must address all amended as well as unchanged project requests.
  - d. Late submission of extensive amendments to the scope or priority of projects, or inclusion of new projects, may jeopardize the inclusion of these projects in the recommendations that the PSCP staff will make to the IAC in early December for January approval by the BPW.
2. Amendments to an Approved Capital Improvement Program
    - a. Amendments to an approved CIP may be requested at any time.
    - b. The LEA should prepare the appropriate Forms 102.1, 102.2, and 102.4, and submit them along with appropriate justification and back-up information.
      - (1) Forms shall be clearly marked "Amendment," dated, and must be approved in writing by the board of education and the local government.
      - (2) After review, the LEA will be informed of IAC staff recommendations and IAC and BPW action. Opportunities for LEA appeal before the IAC and the BPW are the same as for the normal CIP approval process.

## **102.5 EVALUATION AND APPROVAL OF PROJECT REQUESTS**

### **A. General**

1. Projects will generally be evaluated on the basis of past and projected enrollments, not only at the school in question, but at adjacent or nearby schools, and on consistency with the EFMP.
  - a. Projects for additional capacity may not be recommended for planning approval or funding where adequate capacity is available at adjacent schools. See Section 102.4.B.2. and 102.4.B.4.b.
  - b. In most cases, enrollment projections of the subject and adjacent schools must show that the school will be at least 50% occupied at the completion of the project and will be fully utilized within seven years of the date of project submission.
2. Priority Order.
  - a. Although the LEA establishes priorities for its local capital program, the evaluation of these priorities with respect to other projects in the State and the limited State funds available is a function of the IAC and the BPW.
  - b. Generally, the IAC will follow the local priority order to the extent that projects are eligible and funds are anticipated to be available. Exceptions may be made:
    - (1) To approve projects that address State statutory mandates (e.g. full day kindergarten or prekindergarten for economically disadvantaged children) or State initiatives (e.g. high school science classroom renovations).



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- (2) At the request of the local Board, with concurrence by the local government.
- c. Projects may be recommended for deferral or modification so that the most critically needed projects in the subdivision or in other subdivisions may proceed.
- d. The IAC may also place a higher priority on projects that respond to State mandates or initiatives.

**B. Procedure**

- 1. Projects will be evaluated and assigned a project status code of "A," "B," "C," or "D." Project approval status is determined and assigned to a project based upon an evaluation of project merit and a number of technical factors specific to the project type, as follows:
  - a. "A" - Approved for planning or construction funding. All PSCP and LEA staff questions, problems, or comments are currently resolved; the project is approved; and project development should proceed. (Note: Projects will be shown as "A" in CIP documents submitted to the BPW following IAC approval, pending approval by the BPW.)
  - b. "B" - Deferred but eligible for planning or construction funding. All PSCP and LEA staff questions, problems, or comments are resolved; the project is eligible for funding but is deferred due to fiscal constraints.
  - c. "C" - Deferred based on issues yet to be resolved. The project as currently proposed or as it currently stands in the planning process is not eligible for approval until outstanding technical questions or problems have been resolved. Problem areas differ for different types of projects, and may include but are not necessarily limited to: site approval, capacity/enrollment, scope, estimated cost, availability of local funds, alternative solutions available, master plan inconsistency, other agency approvals, and progress of educational specifications or design documents,.
  - d. "D" - Denied: Ineligible project. The Project does not meet PSCP funding guidelines and is therefore ineligible for State approval of planning or funding. Typical causes for denial include but are not limited to:
    - (1) Systemic Renovation project has a total construction value less than the required minimum;
    - (2) Project type does not correspond to a CIP category (Section 102.1.C). The project may be eligible through another State funding program.
    - (3) School was renovated or system was installed too recently (Section 102.1.C.1)
- 2. All projects will be reviewed periodically prior to mid-April based on the stated criteria in order to be considered for planning approval or funding in the next fiscal year. New information submitted by the LEA may be considered for reclassification of project approval status. LEAs will be regularly notified of project status and outstanding issues of concern through formal and informal communications.
- 3. All requests will be reviewed for consistency with existing State and local priorities, rules, regulations, procedures, and laws that are applicable to State funded public school construction projects.

**C. State Prioritization Methodology for Planning Requests**

- 1. Steps in the Planning Prioritization Process

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- a. For each submitted CIP project that is eligible for planning approval (Project Status Code B, see above Section 102.5.B.1), a numerical score will be calculated based on the factors in 2. below, and the criteria factors that involve judgment outlined in 3. below will also be reviewed.
  - b. The points are intended to provide guidance to the staff of the Program in developing recommendations for consideration by the IAC. Other factors, including the judgment factors cited below as well as knowledge of each school system's needs and priorities, will influence the recommendations.
  - c. For each LEA that submits a request for planning, the eligible project that has the highest local priority will be assessed in order to ensure that each LEA that makes a request for planning approval receives consideration for at least one project.
  - d. The prioritized list that results from Step (3) will be continually revised until early April to incorporate new project information received during the CIP process as well as new estimates of total project funding.
2. Quantifiable Planning Criteria (each factor has a range of 1 to 5 (low to high))
- a. State Educational Priority. Reflects scope of the project in terms of minor or major impact on educational programs and numbers of students, and whether the project addresses State educational mandates or initiatives, such as full day kindergarten, pre-kindergarten for economically disadvantaged children, or high school science.
  - b. Enrollment Priority. This factor measures the degree of overcrowding at a proposed school and its adjacent schools.
    - (1) For a renovation or addition project, the projected enrollment of the school for the seventh school year following the year of submission is divided by the current State Rated Capacity (SRC) to arrive at a decimal figure.
    - (2) For new schools, the aggregate projected enrollment of the adjacent schools for the seventh school year as shown in Form 102.2 is divided by their respective SRCs.
    - (3) The highest points go to the 20% of projects that have the greatest impacts, with lower point values awarded similarly by quintiles.
  - c. State Planning Goals. Reflects the impact that the proposed project will have on statewide planning goals to foster communities and mitigate sprawl. The possible points are awarded for school location as follows:

5 points: Community location (within Designated Neighborhoods or within corporate limits).  
4 points: Certified Priority Funding Area adjacent to residential development.  
3 points: Certified Priority Funding Area not adjacent to residential development.  
2 points: County Growth Area with water and sewer planned.  
1 point: Rural Area
  - d. Average Age of Building Area - This factor gives priority to older buildings. In order to determine the average age of the square footage for each building, the date of each addition and renovation is listed with its respective square footage. To determine the average of square footage:
    - (1) The proportion of area built or renovated in each year, based on the total square footage, is calculated.

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- (2) The age of each area of the building is multiplied by the proportion of total area it represents; the sum of these calculations is the average age of the building.
  - e. Special Populations - Beyond a certain threshold for each category of student, this factor reflects the percentage of students at the school who are receiving special education services outside the regular classroom, are eligible for free and reduced price meals (FRPM), and/or are English language learners reported as Limited English Proficient (LEP). The respective thresholds are:
    - (1) Greater than 10% of students receive special education services outside of the regular classroom more than 60% of the time;
    - (2) Greater than 40% of students receive FRPM; and/or
    - (3) Greater than 10% of students are LEP.
  - f. Other factors determined by the IAC, e.g.: One additional point for capacity projects that remove adequate public facility ordinance closure of housing in designated growth areas.
3. Planning Factors That Entail Judgment.
- a. LEA's Backlog of Previously Approved Projects. If an LEA has a large backlog of projects to which the State has committed funds, additional projects will generally not be added to the list. If, however, the LEA is able to carry projects in the backlog to construction without immediate reimbursement from the State, planning approval for pressing new projects may be considered. Planning approval may also be considered to ensure that all LEAs that need them have future projects at some stage of development.
  - b. Local Capacity to Proceed with the Project. Some LEAs and local governments may have the capacity to proceed with the design of a project even if they do not receive State planning approval; others may require the commitment of funding implicit in State planning approval before they will proceed.
  - c. Total Cost of the Project, and When State Funds Will Be Required. A very large project, although it has a high priority, may block several other projects of lower priority; in this case, the State may, in consultation with the LEA, consider by passing the higher priority project. On the other hand, it may be that the costly project will extend over several years, and the impact on State funds will be relatively small in any one funding year.
  - d. Eligibility for State Reimbursement Using Bond Proceeds. For a locally funded project that is submitted for both planning and funding approval, if a project schedule indicates that delayed approval will require the use of State Pay-go funds rather than bond proceeds for reimbursement, the project may receive higher consideration. However, a locally funded project that has been completed and is only eligible for reimbursement with State Pay-go funds will generally receive lower consideration, based on an assessment of Pay-go fund availability.
  - e. Impact on Local Growth Outside of Priority Funding Areas. A capacity project in a county-designated growth area that is currently closed because of a local Adequate Public Facility Ordinance restriction may receive higher consideration.
  - f. Other. Other factors will be considered that may be specific to a school system or to a particular school project. These may include the impact that the proposed school project will have on the fiscal viability of the school district; the effect of the project on significant student behavior and/or achievement issues; the requirements of rural schools; and schools where a safety issue is present.

## Appendix D: Frederick County Capital Improvement Program Policies

Source: Frederick County Budget Office, September 2017



## CAPITAL IMPROVEMENTS PROGRAM POLICIES

The Capital Improvement Program (CIP) is a schedule of public improvement projects planned by County Government to occur over a six-year period and includes project descriptions, estimated costs and sources of funding. The Capital Budget is the first year of the CIP and includes those projects for which funds have been appropriated. The following CIP policies are intended to guide funding decisions during the CIP review process:

1. The County will prepare and adopt a six-year Capital Improvements Program (CIP), update it annually, and make all capital improvements in accordance with the Capital Budget.
2. The County will attempt to budget as pay-go for capital improvements an amount equal to 7% of General Fund operating revenues. General Fund pay-go, impact fee pay-go, dedicated recordation taxes and building excise taxes will be considered in total in reaching this goal. Other capital funding will be through general obligation bonds, state and federal grants, enterprise fund resources and other sources.
3. The County will perform an annual review and update of the peer group numbers that will be incorporated into the review of the Debt Affordability standards.
4. The County will annually review the Debt Affordability standards based on the original Debt Affordability Study developed in 1991. The standards shall be updated by the Budget Office annually and submitted to the County Executive for review.
5. A capital project in the CIP shall have the following characteristics:
  - a. The project will add to the government's public infrastructure.  
OR  
The project will result in a major repair of a fixed asset that significantly adds to or preserves the life of the original asset  
OR  
The project will establish or enhance internal computer/program systems. This excludes routine expenses such as maintenance, license renewals, etc.
  - b. The project will have an individual project cost totaling \$100,000 or more. Projects of less than \$100,000 will only be permitted when required for State or Federal funding; and multiple projects in a single category, totaling \$100,000 or more, will also be considered if they meet all other characteristics.
  - c. Acquisition of land for future projects (land banking) will be eligible when it has been identified as a need in the six-year CIP, in the County Comprehensive Plan, or when it can be shown as necessary and based on recent growth trends or County policy decisions.
  - d. Municipal projects will be considered if the project is not exclusively for

municipal residents or if the project is a cooperative effort by municipal, county and/or state agencies.

6. Eligible capital costs will include Land Acquisition, Site Improvements, Planning, Design, Construction, Inspection/Overhead, Technology Equipment/Infrastructure, Capital and Non-Capital Equipment/Vehicles (related to start-up costs or comprehensive replacement plan), and Project Management.
7. All capital costs listed in the CIP will be in current dollars and updated annually when submitted for inclusion in the CIP. Any change in project costs from the previously approved CIP must be justified in writing and include a new project summary form along with the reasons for the change in the project cost.
8. Construction of a project must be forecast within two years of completion of design work before funding for design will be approved, unless the nature of the project warrants otherwise. Some examples are large purchases of land easements, state concurrence on project documents, etc.
9. A project's construction bid process must be anticipated to start in the upcoming fiscal year in order for it to be funded in the Capital Budget.
10. When construction funds are approved and construction is not undertaken within two years, the project will be evaluated for possible dis-appropriation in the Capital Budget and re-appropriation in the revised construction year. Under §512 of the County Charter, a capital project is considered abandoned if 3 fiscal years elapse without any expenditure from or encumbrance of the appropriation. .
11. All capital projects will be reviewed and approved in accordance with Annotated Code of Maryland Land Use Article § 3-205 regarding consistency with County Plans. The Planning Commission will vote on the consistency based on the County Executive's proposed budget.
12. The Capital Improvements Program Committee will evaluate the merits of each requested project and recommend to the County Executive projects for inclusion based on the following criteria:
  - a. The project fosters the "Community Concept" of the County Comprehensive Plan by directing capital investments to designated growth areas.
  - b. The project implements a component of an approved facility or master plan.
  - c. The project is consistent with and timed with other capital projects.
  - d. The project does not duplicate service areas of other public facilities or services.
  - e. The project will be implemented in a timely manner.

- f. The project reduces the cost of operations or energy consumption whenever possible.
  - g. The project provides for the health, safety, and welfare of the community.
13. Projects scheduled in previously approved CIP's should be considered when establishing priorities for future CIP programs.
  14. It shall be the goal of each six-year CIP to provide sufficient funding to achieve a County-wide school capacity equal to 90% of the state-rated school capacity based on six-year projected enrollments system-wide.
  15. The County will attempt to utilize funds collected through the school construction fee option (§ 1-20-62 of the Frederick County Code) for school improvements within the feeder pattern where the fee was collected.
  16. The Utilities and Solid Waste Management Division will be responsible for water, sewer and solid waste project execution. The Interagency Information Technologies Division will be responsible for the project execution of projects of a technology nature. The Public Works Division will be responsible for project execution of all approved County capital projects except those listed above, those of the Frederick County Public Schools, Frederick Community College, municipalities, and those otherwise designated.
  17. Following completion of a project, any and all remaining surplus of County capital funds will revert to an unallocated account until reallocated through the Annual Budget process or through an amendment to the Capital Budget as provided in §513 of the County Charter.
  18. The County will attempt to match timing of bond issues with construction needs. Use of General Fund surplus to forward fund projects will be minimized to the extent possible. The feasibility of establishing lines-of-credit and other short-term borrowings will be investigated to control cash flow requirements in accordance with existing policies, procedures and legislation.
  19. Any new capital project proposed outside of the annual CIP process may only be considered as an amendment to the capital budget, must comply with §513 of the County Charter, and must adhere to the characteristics of a capital project as stated in policy #5 and #6.





**FISCAL YEAR 2019  
OPERATING BUDGET CALENDAR  
FREDERICK COUNTY**

<u>DATE</u>	<u>ACTION</u>
October 9, 2017	Budget instructions released to departments
November 6, 2017	Operating Budgets (including Base Items) - due to Budget Office
<b>December 2017</b>	<b>County Executive's Public Hearing – Winchester Hall 1<sup>st</sup> Fl Hearing Rm Receive proposals for inclusion in the FY2019 Operating Budget</b>
January 19, 2018	Budget Requests (Appeals) due to Budget Office
<b>February 17, 2018</b>	Operating Budgets Requested from BOE, FCC, FCPL
<b>March 2018</b>	<b>County Executive's Public Hearing on Draft Operating Budget</b>
<b>April 2018</b>	<b>County Executive presents Proposed Budget to County Council <u>no later than April 15</u></b>
<b>April/May 2018*</b>	<b>County Council's Public Hearing on the Proposed FY2019 Operating Budget and Constant Yield Property Tax Rate</b>
April/May 2018*	County Council – Finalize the Operating Budget
<b>May 2018*</b>	<b>County Council Adopts the FY2019 Operating Budget</b>
<b>May 2018*</b>	<b>County Council Adopts the FY2019 Property Tax Rate</b>

\* Please refer to the County Council Agenda/Calendar for more information on the times and dates

Appendix E: Frederick County Approved FY2018-2023 Capital Improvement  
Program - Board of Education Projects

Source: Frederick County Government, July 2017



**FY2018-2023 CAPITAL IMPROVEMENT PROGRAM  
ADOPTED**

**BOARD OF EDUCATION**

Project	6-Year	Total Project	Prior Budget	2018	2019	2020	2021	2022	2023	Costs After
<b>New/Modernizations</b>										
Contingency	3,082,061	3,082,061	0	1,817,778	0	392,910	278,490	199,973	392,910	0
Waverley ES: Addition	29,964,288	29,964,288	0	200,000	2,660,000	0	3,142,881	23,961,407	0	0
Sugarloaf ES: New	32,790,911	40,444,755	7,653,844	32,790,911	0	0	0	0	0	0
Frederick HS: Replacement	0	114,598,445	114,598,445	0	0	0	0	0	0	0
Urbana ES: Replacement	42,296,216	42,342,916	46,700	4,011,000	7,487,443	30,787,773	0	0	0	0
Butterfly Ridge ES: New	37,799,194	45,586,732	7,787,538	37,799,194	0	0	0	0	0	0
Middletown MS: Renovation	5,194,000	46,087,406	0	200,000	0	0	0	4,994,000	0	40,893,406
Liberty ES: Modernization	8,568,000	35,194,130	0	200,000	0	0	0	3,715,000	4,653,000	26,626,130
East County area ES: New	36,190,740	38,090,740	0	0	0	0	2,700,555	5,183,775	28,306,410	1,900,000
Rock Creek School: Replacement	39,886,114	40,019,394	133,280	3,517,500	0	5,085,425	31,283,189	0	0	0
<b>Total: New/Modernizations</b>	<b>235,771,524</b>	<b>435,410,867</b>	<b>130,219,807</b>	<b>80,136,383</b>	<b>10,557,443</b>	<b>36,286,108</b>	<b>37,405,115</b>	<b>38,054,155</b>	<b>33,352,320</b>	<b>69,419,536</b>
<b>Systemic</b>										
Systemics - Generic	26,155,000	26,155,000	0	5,355,000	4,160,000	4,160,000	4,160,000	4,160,000	4,160,000	0
Portable Classrooms FY2018	3,000,000	3,000,000	0	500,000	500,000	500,000	500,000	500,000	500,000	0
<b>Total: Systemic</b>	<b>29,155,000</b>	<b>29,155,000</b>	<b>0</b>	<b>5,855,000</b>	<b>4,660,000</b>	<b>4,660,000</b>	<b>4,660,000</b>	<b>4,660,000</b>	<b>4,660,000</b>	<b>0</b>
<b>Total: Expense</b>	<b>264,926,524</b>	<b>464,565,867</b>	<b>130,219,807</b>	<b>85,991,383</b>	<b>15,217,443</b>	<b>40,926,108</b>	<b>42,065,115</b>	<b>42,714,155</b>	<b>38,012,320</b>	<b>69,419,536</b>
<b>FUNDING</b>										
General Fund	3,093,000	5,185,664	2,092,664	500,000	500,000	500,000	500,000	593,000	500,000	0
General Fund Bonds & Capital Lease	97,037,180	201,892,367	66,699,545	25,084,343	9,147,193	15,785,933	22,478,895	14,476,827	10,063,989	38,155,642
Recordation Tax & Bonds	16,298,682	33,661,663	12,162,981	1,342,500	400,000	5,256,209	3,600,000	5,699,973	0	5,200,000
Impact Fee & Bonds	34,416,346	38,709,213	2,392,867	17,751,540	0	4,000,000	2,268,806	5,069,525	5,326,475	1,900,000
School Mitigation Fee	30,226,555	30,226,555	0	12,866,000	2,660,000	0	2,700,555	5,000,000	7,000,000	0
Grants	76,195,000	123,066,750	46,871,750	9,195,000	13,400,000	13,400,000	13,400,000	13,400,000	13,400,000	0
Other	7,659,761	31,823,655	0	19,252,000	(10,689,750)	1,983,966	(2,863,141)	(1,525,170)	1,721,856	24,163,894
<b>Total Funding Source</b>	<b>264,926,524</b>	<b>464,565,867</b>	<b>130,219,807</b>	<b>85,991,383</b>	<b>15,217,443</b>	<b>40,926,108</b>	<b>42,065,115</b>	<b>42,714,155</b>	<b>38,012,320</b>	<b>69,419,536</b>



## Appendix F: Facilities Services Division Systemic Renovations Procedure

Source: Frederick County Public Schools, February 20, 2015



FREDERICK COUNTY PUBLIC SCHOOLS  
FACILITIES SERVICES DIVISION

PROCEDURE #62

Systemic Renovations - Annual Update Procedure

DATE: April 1, 2011

Revised Feb 20, 2015

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1) SUBJECT:

- a) The purpose of this procedure is to define the annual process used to classify, prioritize and estimate costs for systemic renovations as part of the annual Educational Facilities Master Plan (EFMP) and Capital Improvements Program (CIP) update.
- b) Systemic renovations are capital projects generally defined as renovations or replacements of a specific building system in a school facility which extends the useful life of a facility for a minimum of 15 years
- c) This process is coordinated annually by the Supervisor of Facilities Planning with the assistance of a Project Coordination Team and the staff of the Construction Management Department and the Maintenance and Operations Department.

2) PROCEDURE:

- a) In conjunction with the annual update of the EFMP and CIP, systemic renovations meeting the definition of a capital project must comply with the policies of the Frederick County Government and, when appropriate, the State Public School Construction Program (PSCP).
- b) In general, individual systemic renovations must have a total project budget of at least \$100,000 if only local County funds are used, or, \$200,000 if State funds are used in whole or part. Exceptions may be made for projects funded through special programs such as the Aging School Program or other programs as approved by the PSCP.
- c) The projects are selected by the systemic renovation Project Coordination Team. The project coordination team will include:
  - i) Chief Operating Officer
  - ii) The Supervisor of Facilities Planning
  - iii) The Facilities Planner
  - iv) The Director of Maintenance and Operations
  - v) The Director of Construction Management
  - vi) The Manager of Building Maintenance
  - vii) The Manager of Projects and Grounds



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- d) The Project Coordination Team will provide their recommendations to the FCPS Chief Operating Officer and Superintendent. Following review by the Superintendent, the projects will be incorporated into the annual update of the Superintendent's Recommended EFMP and the 6 year CIP.

3) ANNUAL SCHEDULE

- a) January-February: The Supervisor of Facilities Planning will distribute the most recently updated FCPS Capital Systemic Needs list to the Project Coordination Team. The Capital Systemic Needs list is a comprehensive system wide list of all projects that may be eligible for funding over the next 6 years based on condition, instructional need, building operations improvement, or life cycle age
- i) The Director of Maintenance and Operations will review the Systemic Renovations Needs List and, using the CMMS software (School Dude) and other available resources, update the list with changes as needed. The list will include input from the Maintenance and Operations Department field and central office staff.
  - ii) The Director of Construction Management will review the Systemic Renovation Needs List and identify projects that have been completed or are scheduled to be completed, and make updates to the list as needed.
  - iii) This list will be sorted by school. Each project will be classified in one of the categories found in section D of this procedure.
- b) March-May: The Supervisor of Facilities Planning will convene the Project Coordination Team to review the Capital Systemic Needs list and prepare preliminary 6 year CIP systemic renovation list. The prior year's CIP, as approved by the Board of Education, will serve as the starting point for the annual update.
- i) The Supervisor of Facilities Planning will be responsible for providing estimates for total annual funding targets for capital systemic renovations
  - ii) Once projects have been selected for the preliminary CIP list, The Director of Construction Management will assign key staff responsibility for evaluating capital project scopes, priorities and budgets. Maintenance and Operations

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staff may also be assigned a capital project by the CoOrdination Committee when special circumstances exist.

- iii) The Director of Construction Management will be responsible for maintaining records on the current status for all capital systemic projects that have been allocated design or construction funding.
  - iv) Preliminary cost estimates will be provided by the key Construction Management staff assigned to prepare project scopes and budgets using past costs of similar projects or other industry estimating publications. More detailed research and evaluation of specific projects proposed for the preliminary 6 year CIP will be completed as necessary by the assigned staff
  - v) The Supervisor of Facilities Planning will be responsible for determining if projects are generally consistent with County CIP funding policies or State regulations or procedures.
  - vi) The updated Capital Systemic Renovation Needs list will be included in the Superintendents Recommended EFMP compiled each year.
- c) June-July: Final systemic renovation priorities will be prepared for all projects in the CIP.
- i) A final recommended systemic renovation list for the 6 year CIP will be approved by the Project Coordination Team. Final cost estimates and project scope descriptions, including the breakdown of county/state funding allocation, will be provided to Supervisor of Facilities Planning by the key staff assigned to the projects.
  - ii) The Supervisor of Facilities Planning will be responsible for reviewing project requests for conformance with State and County policies regarding eligibility, information required, and procedures for funding. In this effort the Supervisor of Facilities Planning will coordinate with State and County staff as needed.
- d) The Supervisor of Facilities Planning will coordinate with the Superintendant and Board of Education to schedule presentations and final approval of systemic renovation priorities, EFMP and 6 Year CIP.

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- e) The Supervisor of Facility Planning will coordinate submittal of required State and County Capital Improvement Program funding requests. The Construction Management Department and Operations and Maintenance Department will assist as needed in this effort.
- f) Funding applications will be submitted in October of each year to the PSCP and County in order to be eligible for the funding in the following fiscal year.

4) SYSTEMIC RENOVATION PROJECT CATEGORIES

- a) All capital systemic renovation projects will be classified on one of the categories listed below.
  - i) Critical System Repairs - Completion of the project is needed in the near term to address a critical a building system which, unless repaired or replaced, would result in significant damage to the buildings, requiring the school to close and significantly disrupt school operations or could present safety concerns for students and staff.
  - ii) Modifications, Renovations or Repairs Needed for Instructional Program - Completion of the project is necessary to support the system's instructional program due to a change in curriculum, outdated instructional equipment or support systems, instructional facilities that have exceeded their useful life, respond to mandated state requirements, or are needed to improve the classroom environment for students and staff.
  - iii) General Operational Improvement - Completion of the project is needed to improve the general operation of the school and address such issues as improvement to traffic flow, student safety, building security, floor and window systems, improvements to energy efficiency, compliance with environmental or other regulations, or whose completion results in a less costly and more reliable system.
  - iv) Life Cycle Program Replacement - Completion of this project is necessary because equipment/system is approaching or exceeded the end of its useful life as defined by industry or local standards but has not experienced significant need for repairs. Scheduling of a project in this category would be part of

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ongoing program that proactively identifies projects which will be needed to maintain building systems in the future.

CIP SYSTEMIC PROJECT SELECTION CRITERIA

The Construction Management Department will maintain lists of key systemic renovation types. These lists will be updated annually and prioritized in order of repair or replacement need. These lists will serve as guidance in the project selection process.

Projects selected for inclusion in the 6 year annual CIP will have the following characteristics:

1. The project will have been approved by the Board of Education as part of the annual CIP update or by special approval separate from the CIP process.
2. The project will add to the FCPS infrastructure or result in the repair of a fixed asset that significantly adds to or preserves the life of the building or site improvements.
3. The Project will have a projected cost of \$100,000 if funded locally, or, \$200,000 if funded using State funds. Exceptions may be made for projects funded under specific state programs that allow for projects that need lower levels of funding.
4. A critical system repair, as defined in section (4) will have highest priority for funding. A critical system repair will be as defined by the Coordination Committee.
5. Projects requested in previously approved capital budgets, but not funded, should be given priority in the annual update of the CIP.
6. One of kind projects that are unique to a school or property will be evaluated on a case by case basis and funded if approved by the Board of Education.

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## Appendix G: Systemic Project Needs

Source: Frederick County Public Schools Operations Division, July 2017



## FCPS CAPITAL SYSTEMIC NEEDS - 2017 EFMP

Facility	Project Type	EFMP Category
33 Thomas Johnson Drive (Warehouse)	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
33 Thomas Johnson Drive (Warehouse)	Food Storage Refrigeration Unit Replacement	Life Cycle Program Replacement
33 Thomas Johnson Drive (Warehouse)	Roof Replacement	Critical System Repairs
7446 Hayward Road	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
7446 Hayward Road	Pavement Repair	Life Cycle Program Replacement
7446 Hayward Road	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
7446 Hayward Road	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Ballenger Creek ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Ballenger Creek ES	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Ballenger Creek ES	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Ballenger Creek ES	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Ballenger Creek ES	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Ballenger Creek ES	Pavement Repair	Life Cycle Program Replacement
Ballenger Creek ES	Roof Replacement - Phase 1 of 3 (Sections B,C)	Life Cycle Program Replacement
Ballenger Creek ES	Roof Replacement - Phase 2 of 3 (Sections A,D,E,F)	Life Cycle Program Replacement
Ballenger Creek ES	Roof Replacement - Phase 3 of 3 (Metal Roof Sections)	Life Cycle Program Replacement
Ballenger Creek ES	Window and Door Replacement	Life Cycle Program Replacement
Ballenger Creek MS	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Ballenger Creek MS	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Ballenger Creek MS	Dishwasher Replacement	Life Cycle Program Replacement
Ballenger Creek MS	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Ballenger Creek MS	Pavement Repair	Life Cycle Program Replacement
Ballenger Creek MS	Roof Replacement - Phase 1 of 2 (Sections E,F,G,H,I,J,K)	Life Cycle Program Replacement
Ballenger Creek MS	Roof Replacement - Phase 2 of 2 (Sections A,B,C,D)	Life Cycle Program Replacement
Ballenger Creek MS	Tennis Court Reconstruction	Life Cycle Program Replacement
Ballenger Creek MS	Window and Door Replacement	Life Cycle Program Replacement
Brunswick ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Brunswick ES	Flooring Replacement	Life Cycle Program Replacement
Brunswick ES	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Brunswick ES	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Brunswick ES	Parking Lot Expansion	General Operational Improvement
Brunswick ES	Pavement Repair	Life Cycle Program Replacement
Brunswick ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Brunswick ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Brunswick ES	Roof Replacement (All Sections except E,J,K)	Life Cycle Program Replacement
Brunswick ES	Underground Oil Tank Replacement	Life Cycle Program Replacement
Brunswick ES	Window and Door Replacement	Life Cycle Program Replacement
Brunswick HS	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Brunswick HS	Auditorium Renovation	Modifications, Renovations, or Repairs Needed for Instructional Program
Brunswick HS	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Brunswick HS	Exterior Repairs	Life Cycle Program Replacement
Brunswick HS	Flooring Replacement	Life Cycle Program Replacement
Brunswick HS	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Brunswick HS	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Brunswick HS	Roof Replacement (All Sections except D,E,M)	Life Cycle Program Replacement
Brunswick HS	Stadium Bleacher Replacement	Life Cycle Program Replacement
Brunswick HS	Stadium Track Reconstruction	Life Cycle Program Replacement
Brunswick HS	Underground Oil Tank Replacement	Life Cycle Program Replacement
Brunswick HS	Vertical Conveying Systems (Elevator)	Life Cycle Program Replacement
Brunswick HS	Window and Door Replacement	Life Cycle Program Replacement
Brunswick MS	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Brunswick MS	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Brunswick MS	Flooring Replacement	Life Cycle Program Replacement
Brunswick MS	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement





## FCPS CAPITAL SYSTEMIC NEEDS - 2017 EFMP

Facility	Project Type	EFMP Category
Brunswick MS	HVAC - Heat Generating Systems > Boiler, Hot Replacement	Life Cycle Program Replacement
Brunswick MS	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Brunswick MS	Roof Replacement - Phase 2 of 3 (Sections A,B)	Life Cycle Program Replacement
Brunswick MS	Underground Oil Tank Replacement	General Operational Improvement
Career and Technology Center	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Career and Technology Center	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Career and Technology Center	Flooring Replacement	Life Cycle Program Replacement
Career and Technology Center	Generator Replacement	General Operational Improvement
Career and Technology Center	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Career and Technology Center	HVAC Replacement - Phase 1 of 2 - Terminal & Package Unit Replacement (AHU)	Critical System Repairs
Career and Technology Center	HVAC Replacement - Phase 2 of 2 - Terminal & Package Unit Replacement (Terminal Units)	Life Cycle Program Replacement
Career and Technology Center	Pavement Repair	Life Cycle Program Replacement
Career and Technology Center	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Career and Technology Center	Roof Replacement (Sections A,B,C,H)	Life Cycle Program Replacement
Career and Technology Center	Window and Door Replacement	Life Cycle Program Replacement
Carroll Manor ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Carroll Manor ES	Flooring Replacement	Life Cycle Program Replacement
Carroll Manor ES	Generator Replacement	Life Cycle Program Replacement
Carroll Manor ES	HVAC - Terminal & Package Unit Replacement	Critical System Repairs
Carroll Manor ES	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Carroll Manor ES	Public Address System Replacement	Life Cycle Program Replacement
Carroll Manor ES	Roof Replacement (Sections I,J,K,L,M,N,O)	Life Cycle Program Replacement
Carroll Manor ES	Sewage Ejection Pit Replacement	Critical System Repairs
Catoctin HS	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Catoctin HS	Auditorium Renovation	Modifications, Renovations, or Repairs Needed for Instructional Program
Catoctin HS	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Catoctin HS	Flooring Replacement	Life Cycle Program Replacement
Catoctin HS	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Catoctin HS	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Catoctin HS	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Catoctin HS	Pavement Repair and Parking Lot Light Replacement - Phase 1	General Operational Improvement
Catoctin HS	Pavement Repair and Parking Lot Light Replacement - Phase 2	Life Cycle Program Replacement
Catoctin HS	Roof Replacement - Phase 1 of 3 (Sections A,E,G,I)	Life Cycle Program Replacement
Catoctin HS	Roof Replacement - Phase 2 of 3 (Sections B,C,D,F,H)	Life Cycle Program Replacement
Catoctin HS	Roof Replacement - Phase 3 of 3 (Sections J,K,L,M,N,O,P)	Life Cycle Program Replacement
Catoctin HS	Stadium Bleacher Replacement	Life Cycle Program Replacement
Catoctin HS	Stadium Concession Stand Replacement	General Operational Improvement
Catoctin HS	Stadium Track Reconstruction	Life Cycle Program Replacement
Catoctin HS	Tennis Court Reconstruction	Life Cycle Program Replacement
Catoctin HS	Window and Door Replacement	Life Cycle Program Replacement
Centerville ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Centerville ES	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Centerville ES	Flooring Replacement	Life Cycle Program Replacement
Centerville ES	HVAC - Heat Generating Systems > Boiler, Hot Replacement	Life Cycle Program Replacement
Centerville ES	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Centerville ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Centerville ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Centerville ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Centerville ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Crestwood MS	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Crestwood MS	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Crestwood MS	Flooring Replacement	Life Cycle Program Replacement
Crestwood MS	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Deer Crossing ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Deer Crossing ES	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Deer Crossing ES	Flooring Replacement	Life Cycle Program Replacement
Deer Crossing ES	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Deer Crossing ES	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Deer Crossing ES	HVAC Replacement - Chiller	Life Cycle Program Replacement
Deer Crossing ES	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Deer Crossing ES	Pavement Repair	Life Cycle Program Replacement
Deer Crossing ES	Roof Replacement (All Sections)	Life Cycle Program Replacement

## FCPS CAPITAL SYSTEMIC NEEDS - 2017 EFMP

Facility	Project Type	EFMP Category
Earth Space & Science Lab	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Emmitsburg ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Emmitsburg ES	Flooring Replacement	Life Cycle Program Replacement
Emmitsburg ES	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Emmitsburg ES	Pavement Repair	Life Cycle Program Replacement
Emmitsburg ES	Playground Equipment Replacement	Life Cycle Program Replacement
Emmitsburg ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Emmitsburg ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Emmitsburg ES	Roof Replacement - Phase 2 of 2 (All Sections except A,B,F,K,L)	Life Cycle Program Replacement
Emmitsburg ES	Window and Door Replacement	Life Cycle Program Replacement
Frederick HS	Stadium Bleacher Replacement (Visitor)	General Operational Improvement
Frederick HS	Stadium Concession Stand Replacement	General Operational Improvement
Glade ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Glade ES	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Glade ES	Flooring Replacement	Life Cycle Program Replacement
Glade ES	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Glade ES	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Glade ES	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Glade ES	Pavement Repair	Life Cycle Program Replacement
Glade ES	Roof Replacement (All Sections)	Life Cycle Program Replacement
Governor Thomas Johnson HS	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Governor Thomas Johnson HS	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Governor Thomas Johnson HS	Flooring Replacement	Life Cycle Program Replacement
Governor Thomas Johnson HS	Generator Replacement	General Operational Improvement
Governor Thomas Johnson HS	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Governor Thomas Johnson HS	Pavement Repair	Life Cycle Program Replacement
Governor Thomas Johnson HS	Roof Replacement - Phase 2 of 3 (Section I)	Life Cycle Program Replacement
Governor Thomas Johnson HS	Roof Replacement - Phase 3 of 3 (B,C,D,J,L,M,N)	Life Cycle Program Replacement
Governor Thomas Johnson HS	Stadium Bleacher Replacement	Life Cycle Program Replacement
Governor Thomas Johnson HS	Stadium Light Replacement	Life Cycle Program Replacement
Governor Thomas Johnson HS	Stadium Track Reconstruction	Life Cycle Program Replacement
Governor Thomas Johnson HS	Tennis Court Reconstruction	Life Cycle Program Replacement
Governor Thomas Johnson HS	Vertical Conveying Systems (Elevator)	Life Cycle Program Replacement
Governor Thomas Johnson MS	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Governor Thomas Johnson MS	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Governor Thomas Johnson MS	Flooring Replacement	Life Cycle Program Replacement
Governor Thomas Johnson MS	HVAC Replacement - Chiller	Life Cycle Program Replacement
Governor Thomas Johnson MS	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Governor Thomas Johnson MS	Pavement Repair	Life Cycle Program Replacement
Governor Thomas Johnson MS	Roof Replacement (All Sections)	Life Cycle Program Replacement
Governor Thomas Johnson MS	Tennis Court Reconstruction	Life Cycle Program Replacement
Green Valley ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Green Valley ES	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Green Valley ES	Domestic Water Storage Tank Replacement	Life Cycle Program Replacement
Green Valley ES	Electrical Switchgear Replacement	Critical System Repairs
Green Valley ES	Flooring Replacement	Life Cycle Program Replacement
Green Valley ES	Generator Installation	General Operational Improvement
Green Valley ES	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Green Valley ES	HVAC - Heat Generating Systems > Boiler, Hot Replacement	Life Cycle Program Replacement
Green Valley ES	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Green Valley ES	Roof Replacement (All Sections)	Life Cycle Program Replacement
Green Valley ES	Window and Door Replacement	Life Cycle Program Replacement
Heather Ridge	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Heather Ridge	Flooring Replacement	Life Cycle Program Replacement
Heather Ridge	Generator Replacement	Life Cycle Program Replacement
Heather Ridge	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Heather Ridge	HVAC - Heat Generating Systems > Boiler, Hot Replacement	Life Cycle Program Replacement
Heather Ridge	Pavement Repair	Life Cycle Program Replacement
Heather Ridge	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Heather Ridge	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Heather Ridge	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Heather Ridge	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Heather Ridge	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Heather Ridge	Roof Replacement (All Sections)	Life Cycle Program Replacement
Hillcrest ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Hillcrest ES	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement



## FCPS CAPITAL SYSTEMIC NEEDS - 2017 EFMP

Facility	Project Type	EFMP Category
Hillcrest ES	Flooring Replacement	Life Cycle Program Replacement
Hillcrest ES	HVAC - Heat Generating Systems > Boiler, Hot Replacement	Life Cycle Program Replacement
Hillcrest ES	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Hillcrest ES	Pavement Repair	Life Cycle Program Replacement
Hillcrest ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Hillcrest ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Hillcrest ES	Roof Replacement - Phase 3 of 3 (Sections J,K,L,M,N)	Life Cycle Program Replacement
Kempton ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Kempton ES	Flooring Replacement	Life Cycle Program Replacement
Kempton ES	Gymnasium Floor Replacement	Life Cycle Program Replacement
Kempton ES	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Kempton ES	HVAC - Heat Generating Systems > Boiler, Hot (Cast Iron) Replacement	Life Cycle Program Replacement
Kempton ES	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Kempton ES	Pavement Repair	Life Cycle Program Replacement
Kempton ES	Roof Replacement (Sections A,B,D,G)	Life Cycle Program Replacement
Kempton ES	Roof Replacement (Sections C,E,F)	Life Cycle Program Replacement
Lewistown ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Lewistown ES	Flooring Replacement	Life Cycle Program Replacement
Lewistown ES	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Lewistown ES	HVAC - Heat Generating Systems > Boiler, Steam (Cast Iron) Replacement	Life Cycle Program Replacement
Lewistown ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Lewistown ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Lewistown ES	Roof Replacement (All Sections except A)	Life Cycle Program Replacement
Lewistown ES	Septic Sewer System Reconstruction	Life Cycle Program Replacement
Lewistown ES	Vertical Conveying Systems (Elevator)	Life Cycle Program Replacement
Lewistown ES	Window and Door Replacement	Life Cycle Program Replacement
Liberty ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Liberty ES	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Liberty ES	Domestic Water Storage Tank Replacement	Life Cycle Program Replacement
Liberty ES	Flooring Replacement	Life Cycle Program Replacement
Liberty ES	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Liberty ES	HVAC - Heat Generating Systems > Boiler, Hot (Cast Iron) Replacement and Oil Tank Installation	Life Cycle Program Replacement
Liberty ES	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Liberty ES	HVAC Replacement - Chiller	Life Cycle Program Replacement
Liberty ES	Pavement Repair	Life Cycle Program Replacement
Liberty ES	Playground Equipment Replacement	Modifications, Renovations, or Repairs Needed for Instructional Program
Liberty ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Liberty ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Liberty ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Liberty ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Liberty ES	Roof Replacement (Sections C,D,I)	Life Cycle Program Replacement
Liberty ES	Window and Door Replacement	Life Cycle Program Replacement
Lincoln ES "A"	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Lincoln ES "A"	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Lincoln ES "A"	Flooring Replacement	Life Cycle Program Replacement
Lincoln ES "A"	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Lincoln ES "A"	HVAC Replacement - RTU	Life Cycle Program Replacement
Lincoln ES "A"	Pavement Repair	Life Cycle Program Replacement
Lincoln ES "A"	Roof Replacement (All Sections)	Critical System Repairs
Lincoln ES "A"	Window and Door Replacement	Life Cycle Program Replacement
Lincoln ES "B"	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Linganore HS	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Linganore HS	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Linganore HS	Stadium Artificial Turf Replacement	Life Cycle Program Replacement
Linganore HS	Stadium Bleacher Replacement	Life Cycle Program Replacement
Linganore HS	Stadium Track Reconstruction	Life Cycle Program Replacement
Linganore HS	Tennis Court Reconstruction	Life Cycle Program Replacement
Middletown Campus	Roadway Improvements	General Operational Improvement
Middletown ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Middletown ES	Flooring Replacement	Life Cycle Program Replacement
Middletown ES	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Middletown ES	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Middletown ES	HVAC Replacement - Chiller	Life Cycle Program Replacement
Middletown ES	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement

## FCPS CAPITAL SYSTEMIC NEEDS - 2017 EFMP

Facility	Project Type	EFMP Category
Middletown ES	Roof Replacement (Section C)	Life Cycle Program Replacement
Middletown ES	Window and Door Replacement	Life Cycle Program Replacement
Middletown HS	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Middletown HS	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Middletown HS	Flooring Replacement	Life Cycle Program Replacement
Middletown HS	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Middletown HS	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Middletown HS	HVAC Replacement - Chiller	General Operational Improvement
Middletown HS	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Middletown HS	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Middletown HS	Roof Replacement - Phase 1 of 4 (Section B)	Critical System Repairs
Middletown HS	Roof Replacement - Phase 2 of 4 (Sections E1,E2,I,J,K)	Critical System Repairs
Middletown HS	Roof Replacement - Phase 3 of 4 (Sections F,G,H,L,M)	Critical System Repairs
Middletown HS	Roof Replacement - Phase 4 of 4 (Sections A,C,D)	Critical System Repairs
Middletown HS	Stadium Artificial Turf Replacement	Life Cycle Program Replacement
Middletown HS	Stadium Bleacher Replacement	Life Cycle Program Replacement
Middletown HS	Stadium Concession Stand Replacement	General Operational Improvement
Middletown HS	Stadium Light Replacement	Life Cycle Program Replacement
Middletown HS	Stadium Track Reconstruction	Life Cycle Program Replacement
Middletown HS	Swimming Pool Renovation	Life Cycle Program Replacement
Middletown HS	Vertical Conveying Systems (Elevator)	Life Cycle Program Replacement
Middletown HS	Window and Door Replacement	Life Cycle Program Replacement
Middletown MS	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Middletown MS	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Middletown MS	Flooring Replacement	Life Cycle Program Replacement
Middletown MS	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Middletown MS	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Middletown MS	HVAC Replacement - Chiller	Life Cycle Program Replacement
Middletown MS	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Middletown MS	Roof Replacement	Life Cycle Program Replacement
Middletown MS	Vertical Conveying Systems (Elevator)	Life Cycle Program Replacement
Middletown MS	Window and Door Replacement	Life Cycle Program Replacement
Middletown Primary	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Middletown Primary	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Middletown Primary	Flooring Replacement	Life Cycle Program Replacement
Middletown Primary	HVAC Replacement - Chiller	General Operational Improvement
Middletown Primary	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Monocacy ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Monocacy ES	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Monocacy ES	Flooring Replacement	Life Cycle Program Replacement
Monocacy ES	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Monocacy ES	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Monocacy ES	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Monocacy ES	Parking Lot Expansion	General Operational Improvement
Monocacy ES	Pavement Repair	Life Cycle Program Replacement
Monocacy ES	Playground Equipment Replacement	Modifications, Renovations, or Repairs Needed for Instructional Program
Monocacy ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Monocacy ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Monocacy ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Monocacy ES	Roof Replacement - Phase 1 of 3 (Sections A,B,C,H)	Life Cycle Program Replacement
Monocacy ES	Roof Replacement - Phase 2 of 3 (Sections D,E,F,G,I)	Life Cycle Program Replacement
Monocacy ES	Roof Replacement - Phase 3 of 3 (Metal Sections and Canopies)	Life Cycle Program Replacement
Monocacy ES	Window and Door Replacement	Life Cycle Program Replacement
Monocacy MS	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Monocacy MS	Flooring Replacement	Life Cycle Program Replacement
Monocacy MS	Generator Replacement	General Operational Improvement
Monocacy MS	Gymnasium Floor Replacement	Life Cycle Program Replacement
Monocacy MS	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Monocacy MS	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Monocacy MS	Pavement Repair	Life Cycle Program Replacement
Monocacy MS	Roof Replacement - Phase 1 of 2 (Sections A2,B,C)	Life Cycle Program Replacement
Monocacy MS	Roof Replacement - Phase 2 of 2 (All Sections except A2,B,C)	Life Cycle Program Replacement
Myersville ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Myersville ES	Flooring Replacement	Life Cycle Program Replacement
Myersville ES	Pavement Repair	Life Cycle Program Replacement
Myersville ES	Underground Oil Tank Replacement	General Operational Improvement



## FCPS CAPITAL SYSTEMIC NEEDS - 2017 EFMP

Facility	Project Type	EFMP Category
Myersville ES	Window and Door Replacement	Life Cycle Program Replacement
New Market ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
New Market ES	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
New Market ES	Flooring Replacement	Life Cycle Program Replacement
New Market ES	HVAC - Heat Generating Systems > Boiler, Hot Replacement	Life Cycle Program Replacement
New Market ES	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
New Market ES	HVAC Replacement - Chiller	Life Cycle Program Replacement
New Market ES	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
New Market ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
New Market ES	Window and Door Replacement	Life Cycle Program Replacement
New Market MS	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
New Market MS	Flooring Replacement	Life Cycle Program Replacement
New Market MS	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
New Market MS	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
New Market MS	Science Classroom Renovations	Modifications, Renovations, or Repairs Needed for Instructional Program
New Market MS	Tennis Court Reconstruction	Life Cycle Program Replacement
New Market MS	Vertical Conveying Systems (Elevator)	Life Cycle Program Replacement
New Market MS	Window and Door Replacement	Life Cycle Program Replacement
New Midway ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
New Midway ES	Flooring Replacement	Life Cycle Program Replacement
New Midway ES	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
New Midway ES	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
New Midway ES	HVAC Replacement - Admin Area	Critical System Repairs
New Midway ES	Roof Replacement (Section I)	Life Cycle Program Replacement
New Midway ES	Sewage Ejection Pit Replacement	Life Cycle Program Replacement
New Midway ES	Window and Door Replacement	Life Cycle Program Replacement
Oakdale ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Oakdale ES	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Oakdale ES	Flooring Replacement	Life Cycle Program Replacement
Oakdale ES	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Oakdale ES	Roof Replacement (All Sections except 1,2)	Life Cycle Program Replacement
Oakdale HS	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Oakdale HS	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Oakdale HS	Repair Exterior (Cornice)	General Operational Improvement
Oakdale HS	Stadium and Practice Field Artificial Turf Replacement	Life Cycle Program Replacement
Oakdale HS	Stadium Track Reconstruction	Life Cycle Program Replacement
Oakdale HS	Tennis Court Reconstruction	Life Cycle Program Replacement
Oakdale MS	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Oakdale MS	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Oakdale MS	Flooring Replacement	Life Cycle Program Replacement
Oakdale MS	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Oakdale MS	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Oakdale MS	Roof Replacement (All Sections)	Life Cycle Program Replacement
Orchard Grove ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Orchard Grove ES	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Orchard Grove ES	Flooring Replacement	Life Cycle Program Replacement
Orchard Grove ES	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Orchard Grove ES	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Orchard Grove ES	HVAC Replacement - Chiller	Life Cycle Program Replacement
Orchard Grove ES	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Orchard Grove ES	Pavement Repair	Life Cycle Program Replacement
Orchard Grove ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Orchard Grove ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Orchard Grove ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Orchard Grove ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Orchard Grove ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Orchard Grove ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Orchard Grove ES	Roof Replacement (All Sections)	Life Cycle Program Replacement
Parkway ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Parkway ES	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Parkway ES	Flooring Replacement	Life Cycle Program Replacement
Parkway ES	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Parkway ES	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Parkway ES	Pavement Repair	Life Cycle Program Replacement
Parkway ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Parkway ES	Roof Replacement (All Sections)	Life Cycle Program Replacement

## FCPS CAPITAL SYSTEMIC NEEDS - 2017 EFMP

Facility	Project Type	EFMP Category
Portable Classrooms	HVAC Replacement - Phase 1 of 2	General Operational Improvement
Portable Classrooms	HVAC Replacement - Phase 2 of 2	General Operational Improvement
Rock Creek School	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Rock Creek School	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Rock Creek School	Flooring Replacement	Life Cycle Program Replacement
Rock Creek School	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Rock Creek School	HVAC - Heat Generating Systems > Boiler, Hot (Cast Iron) Replacement	Life Cycle Program Replacement
Rock Creek School	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Rock Creek School	HVAC Replacement - Chiller	Critical System Repairs
Rock Creek School	Pavement Repair	General Operational Improvement
Rock Creek School	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Rock Creek School	Roof Replacement - Mansard Section	Life Cycle Program Replacement
Rock Creek School	Window and Door Replacement	Life Cycle Program Replacement
Sabillasville ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Sabillasville ES	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Sabillasville ES	Flooring Replacement	Life Cycle Program Replacement
Sabillasville ES	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Sabillasville ES	HVAC - Heat Generating Systems > Boiler, Steam (Cast Iron) Replacement	Life Cycle Program Replacement
Sabillasville ES	Sewage Ejection Pit Replacement	Life Cycle Program Replacement
Sabillasville ES	Underground Oil Tank Replacement	General Operational Improvement
Sabillasville ES	Window and Door Replacement	Life Cycle Program Replacement
Spring Ridge ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Spring Ridge ES	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Spring Ridge ES	Flooring Replacement	Life Cycle Program Replacement
Spring Ridge ES	Generator Replacement	Life Cycle Program Replacement
Spring Ridge ES	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Spring Ridge ES	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Spring Ridge ES	Pavement Repair	Life Cycle Program Replacement
Spring Ridge ES	Roof Replacement (All Sections)	Life Cycle Program Replacement
Thurmont ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Thurmont ES	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Thurmont ES	Flooring Replacement	Life Cycle Program Replacement
Thurmont ES	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Thurmont ES	HVAC - Heat Generating Systems > Boiler, Steam (Cast Iron) Replacement	Life Cycle Program Replacement
Thurmont ES	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Thurmont ES	Parking Lot Light Replacement	General Operational Improvement
Thurmont ES	Roof Replacement - Phase 1 of 3 (Sections F,G,I)	Life Cycle Program Replacement
Thurmont ES	Roof Replacement - Phase 2 of 3 (Sections A,C)	Life Cycle Program Replacement
Thurmont ES	Roof Replacement - Phase 3 of 3 (All Sections except A,C,F,G,I)	Life Cycle Program Replacement
Thurmont ES	Window and Door Replacement	Life Cycle Program Replacement
Thurmont MS	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Thurmont MS	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Thurmont MS	Flooring Replacement	Life Cycle Program Replacement
Thurmont MS	HVAC - Heat Generating Systems > Boiler, Hot (Cast Iron) Replacement	Life Cycle Program Replacement
Thurmont MS	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Thurmont MS	Roof Replacement - Phase 1 of 2 (Sections B,D,G,H,I,K)	Life Cycle Program Replacement
Thurmont MS	Roof Replacement - Phase 2 of 2 (All Sections except F,B,D,G,H,I,K)	Life Cycle Program Replacement
Thurmont MS	Window and Door Replacement	Life Cycle Program Replacement
Thurmont Primary	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Thurmont Primary	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Thurmont Primary	Flooring Replacement	Life Cycle Program Replacement
Thurmont Primary	Roof Replacement	Life Cycle Program Replacement
Tuscarora ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Tuscarora ES	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Tuscarora ES	Flooring Replacement	Life Cycle Program Replacement
Tuscarora ES	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Tuscarora ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Tuscarora HS	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Tuscarora HS	Flooring Replacement	Life Cycle Program Replacement
Tuscarora HS	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Tuscarora HS	Roof Replacement (All Sections except Addition)	Life Cycle Program Replacement
Tuscarora HS	Stadium Track Reconstruction	Life Cycle Program Replacement



## FCPS CAPITAL SYSTEMIC NEEDS - 2017 EFMP

Facility	Project Type	EFMP Category
Tuscarora HS	Tennis Court Reconstruction	Life Cycle Program Replacement
Twin Ridge ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Twin Ridge ES	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Twin Ridge ES	Flooring Replacement	Life Cycle Program Replacement
Twin Ridge ES	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Twin Ridge ES	HVAC - Heat Generating Systems > Boiler, Hot (Cast Iron) Replacement and Oil Tank Removal	Life Cycle Program Replacement
Twin Ridge ES	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Twin Ridge ES	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Twin Ridge ES	Pavement Repair	Life Cycle Program Replacement
Twin Ridge ES	Playground Equipment Replacement	Life Cycle Program Replacement
Twin Ridge ES	Roof Replacement (All Sections except G,H)	Life Cycle Program Replacement
Twin Ridge ES	Underground Oil Tank Removal	Critical Systems Repair
Urbana ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Urbana ES	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Urbana ES	Flooring Replacement	Life Cycle Program Replacement
Urbana ES	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Urbana ES	HVAC - Heat Generating Systems > Boiler, Hot (Cast Iron) Replacement	Life Cycle Program Replacement
Urbana ES	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Urbana ES	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Urbana ES	Pavement Repair	Life Cycle Program Replacement
Urbana ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Urbana ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Urbana ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Urbana ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Urbana ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Urbana ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Urbana ES	Roof Replacement	Life Cycle Program Replacement
Urbana ES	Window and Door Replacement	Life Cycle Program Replacement
Urbana HS	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Urbana HS	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Urbana HS	Flooring Replacement	Life Cycle Program Replacement
Urbana HS	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Urbana HS	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Urbana HS	HVAC Replacement - Chiller	Life Cycle Program Replacement
Urbana HS	HVAC Replacement - Cooling Tower	Critical System Repairs
Urbana HS	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Urbana HS	Parking Lot Light Replacement	Life Cycle Program Replacement
Urbana HS	Pavement Repair	Life Cycle Program Replacement
Urbana HS	Pavement Repair - Campus Drive	Life Cycle Program Replacement
Urbana HS	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Urbana HS	Roof Replacement (All Sections except Addition)	Life Cycle Program Replacement
Urbana HS	Tennis Court Reconstruction	Life Cycle Program Replacement
Urbana HS	Window and Door Replacement	Life Cycle Program Replacement
Urbana MS	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Urbana MS	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Urbana MS	Flooring Replacement	Life Cycle Program Replacement
Urbana MS	HVAC - Heat Generating Systems > Boiler, Hot Replacement	Life Cycle Program Replacement
Urbana MS	HVAC Replacement - Admin Area	General Operational Improvement
Urbana MS	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Urbana MS	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Urbana MS	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Valley ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Valley ES	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Valley ES	Flooring Replacement	Life Cycle Program Replacement
Valley ES	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Valley ES	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Valley ES	Pavement Repair	Life Cycle Program Replacement
Valley ES	Playground Equipment Replacement	Modifications, Renovations, or Repairs Needed for Instructional Program
Valley ES	Public Water Connection	General Operational Improvement
Valley ES	Roof Replacement (All Sections except G,H,I)	Life Cycle Program Replacement
Valley ES	Window and Door Replacement	Life Cycle Program Replacement
Walkersville "B"	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Walkersville "B"	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Walkersville "B"	Flooring Replacement	Life Cycle Program Replacement
Walkersville "B"	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement

## FCPS CAPITAL SYSTEMIC NEEDS - 2017 EFMP

Facility	Project Type	EFMP Category
Walkersville "B"	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Walkersville "B"	Underground Oil Tank Removal	Critical Systems Repair
Walkersville ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Walkersville ES	Flooring Replacement	Life Cycle Program Replacement
Walkersville ES	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Walkersville ES	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Walkersville ES	Roof Replacement (Sections A,B)	Life Cycle Program Replacement
Walkersville ES	Underground Oil Tank Removal	Critical Systems Repair
Walkersville ES	Vertical Conveying Systems (Elevator)	Life Cycle Program Replacement
Walkersville HS	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Walkersville HS	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Walkersville HS	Flooring Replacement	Life Cycle Program Replacement
Walkersville HS	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Walkersville HS	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Walkersville HS	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Walkersville HS	Parking Lot Light Replacement	Life Cycle Program Replacement
Walkersville HS	Pavement Repair	General Operational Improvement
Walkersville HS	Pool Space Heating Replacement	General Operational Improvement
Walkersville HS	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Walkersville HS	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Walkersville HS	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Walkersville HS	Public Address System and Central Clock System Replacement	Life Cycle Program Replacement
Walkersville HS	Roof Replacement (All Sections)	Life Cycle Program Replacement
Walkersville HS	Stadium Concession Stand Replacement	General Operational Improvement
Walkersville HS	Stadium Light Replacement	Life Cycle Program Replacement
Walkersville HS	Swimming Pool Renovation	Life Cycle Program Replacement
Walkersville HS	Tennis Court Reconstruction	Life Cycle Program Replacement
Walkersville HS	Window and Door Replacement	Life Cycle Program Replacement
Walkersville MS	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Walkersville MS	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Walkersville MS	Flooring Replacement	Life Cycle Program Replacement
Walkersville MS	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Walkersville MS	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Walkersville MS	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Walkersville MS	Pavement Repair	General Operational Improvement
Walkersville MS	Roof Replacement (All Sections except A)	Life Cycle Program Replacement
Walkersville MS	Window and Door Replacement	Life Cycle Program Replacement
Waverley ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Waverley ES	Flooring Replacement	Life Cycle Program Replacement
Waverley ES	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Waverley ES	HVAC - Heat Generating Systems > Boiler, Hot (Cast Iron) Replacement	Life Cycle Program Replacement
Waverley ES	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Waverley ES	HVAC Replacement - Chiller	General Operational Improvement
Waverley ES	Pavement Repair	General Operational Improvement
Waverley ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Waverley ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Waverley ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Waverley ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Waverley ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Waverley ES	Roof Replacement (All Sections except A)	Life Cycle Program Replacement
Waverley ES	Window and Door Replacement	Life Cycle Program Replacement
West Frederick MS	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
West Frederick MS	Roof Replacement (Sections A,D)	Life Cycle Program Replacement
West Frederick MS	Streambank Stabilization	General Operational Improvement
Whittier ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Whittier ES	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Whittier ES	Flooring Replacement	Life Cycle Program Replacement
Whittier ES	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Whittier ES	HVAC Replacement - Chiller	Life Cycle Program Replacement
Whittier ES	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Whittier ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Whittier ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Whittier ES	Roof Replacement (All Sections)	Life Cycle Program Replacement
Windsor Knolls MS	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Windsor Knolls MS	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Windsor Knolls MS	Exterior Repairs	Life Cycle Program Replacement
Windsor Knolls MS	Flooring Replacement	Life Cycle Program Replacement





## FCPS CAPITAL SYSTEMIC NEEDS - 2017 EFMP

Facility	Project Type	EFMP Category
Windsor Knolls MS	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Windsor Knolls MS	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Windsor Knolls MS	HVAC Replacement - Chiller	General Operational Improvement
Windsor Knolls MS	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Windsor Knolls MS	Pavement Repair	Life Cycle Program Replacement
Windsor Knolls MS	Roof Replacement (All Sections)	Life Cycle Program Replacement
Wolfsville ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Wolfsville ES	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Wolfsville ES	Flooring Replacement	Life Cycle Program Replacement
Wolfsville ES	HVAC - Terminal & Package Unit Replacement	Critical System Repairs
Wolfsville ES	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Wolfsville ES	Playground Equipment Replacement	Life Cycle Program Replacement
Wolfsville ES	Roof Replacement (All Sections)	Life Cycle Program Replacement
Woodsboro ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Woodsboro ES	Flooring Replacement	Life Cycle Program Replacement
Woodsboro ES	HVAC - Heat Generating Systems > Boiler, Hot Replacement	Life Cycle Program Replacement
Woodsboro ES	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Woodsboro ES	Roof Replacement (Section B)	Life Cycle Program Replacement
Woodsboro ES	Window and Door Replacement	Life Cycle Program Replacement
Yellow Springs ES	Americans with Disabilities Act (ADA) Upgrades	General Operational Improvement
Yellow Springs ES	Detection and Alarm System Replacement (Fire)	Life Cycle Program Replacement
Yellow Springs ES	Flooring Replacement	Life Cycle Program Replacement
Yellow Springs ES	HVAC - Controls & Instrumentation Replacement	Life Cycle Program Replacement
Yellow Springs ES	HVAC - Terminal & Package Unit Replacement	Life Cycle Program Replacement
Yellow Springs ES	HVAC Upgrade - Gymnasium Air-Conditioning	General Operational Improvement
Yellow Springs ES	Playground Equipment Replacement	Modifications, Renovations, or Repairs Needed for Instructional Program
Yellow Springs ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Yellow Springs ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Yellow Springs ES	Portable Classroom Replacement (> 25 years old)	Life Cycle Program Replacement
Yellow Springs ES	Public Address System Replacement	Life Cycle Program Replacement
Yellow Springs ES	Roof Replacement	Life Cycle Program Replacement
Yellow Springs ES	Window and Door Replacement	Life Cycle Program Replacement