

Overview of Public Schools CIP

The Public Schools Community Investment Plan (CIP) includes school construction, such as additions and modernizations, as well as other school-related projects. School construction is funded primarily by dedicated Local Income Tax revenue, State funding, and Impact Fees.

In April 2016, the Commissioners voted to keep the School Impact Fee at zero until FY 20. Impact Fees for schools can be used only to build new schools or additions to existing schools to increase capacity.

Developing the school construction plan is a complex process involving the Board of Education's plans, priorities and requests, enrollment projections, redistricting plans, and projected development. Historically, the County has provided funding for three-quarters or more of the school CIP. In the current six-year plan, the County is providing 70% of funding.

The Commissioners continue to provide funding in FY 20 – 22 to address the Carroll County Career and Technology Center through a two-phased project. The first phase includes planning and construction of a 21,000 square foot addition to the existing Career and Technology Center. The second phase renovates the existing building to better accommodate existing programs.

Funding is included in FY 20 to renovate science classrooms in Westminster High.

Even with the \$214.9M included in the plan, all project requests could not be funded. In recent years, the Board of Education has identified a number of needs that have no existing or planned funding. Unfunded projects include:

- Westminster High Modernization
- Cranberry Station Elementary Kindergarten Addition
- Friendship Valley Elementary Kindergarten and PRIDE Addition
- Sandymount Elementary Kindergarten Addition
- Taneytown Elementary Kindergarten Addition

Funding for systemic renovations of East Middle and a K-8 school are not included in the FY 20 – 25 CIP, but alternatives are under consideration.

Following this overview are copies of the Board of Education's Ten Year Facilities Master Plan Calendar and the FY 20 State Capital Improvement Plan Budget Request/FY 2021 – 2025 Capital Improvement Program Plan. For additional information on Public School projects, please refer to the individual project pages.

FY 2020 CAPITAL IMPROVEMENT PROGRAM BUDGET REQUEST

| Priority | Prior Authorization/Allocation | | Fiscal Year 2020 Funding Request | | Total Request |
|----------|--------------------------------|-----------|----------------------------------|----------|---------------|
| | State | Local | State | Local | |
| 1 | \$ 837 | \$ 763 | \$ 1,600 | \$ 136 | \$ 3,146 |
| 2 | | \$ 100 | \$ 100 | \$ 1,551 | \$ 3,146 |
| 3 | | \$ 515 | \$ 515 | \$ 4,681 | \$ 8,719 |
| 4 | | | | \$ 1,034 | \$ 1,978 |
| 5 | | | | \$ 1,276 | \$ 2,442 |
| 6 | | \$ 10,571 | | | \$ 2,493 |
| 7 | | | | \$ 3,175 | \$ 3,175 |
| 8 | | | | \$ 100 | \$ 100 |
| 9 | | | | \$ 155 | \$ 155 |
| 10 | | | | \$ 155 | \$ 155 |
| 11 | | | | \$ 600 | \$ 600 |
| 12 | | | | \$ 1,000 | \$ 1,000 |
| 13 | | | | \$ 855 | \$ 855 |
| 14 | | | | \$ 180 | \$ 180 |
| | \$ 837 | \$ 11,949 | \$ 2,215 | \$ 8,678 | \$ 25,184 |

NOTE: All dollar figures are shown in thousands

- (S) = HVAC Scope Study
- (FS) = PSCP Required Feasibility Study
- (P) = Planning Approval [State] or Planning Funds [County]
- (SR) = Systemic Renovation
- (C) = Construction Funding
- (E) = Furniture & Equipment Funds

FY 2021-2025 CAPITAL IMPROVEMENT PROGRAM PLAN

(\$,000 omitted)

| Project Title | FY2021 | | FY2022 | | FY2023 | | FY2024 | | FY2025 | | Total |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| | State | Local | State | Local | State | Local | State | Local | State | Local | |
| Modernizations | | | | | | | | | | | |
| CCC/TC Project - Phase 2 | \$ 15,000 | \$ 17,036 | \$ 15,000 | | | | | | | | \$ 47,036 |
| Undetermined Project for East MS & Wm. Winchester ES | | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | \$ - |
| Westminster HS Modernization | | | | | | | | | | \$ 100 | \$ 100 |
| Roof Replacements | | | | | | | | | | | |
| Spring Garden ES - Roof Replacement | \$ 1,054 | \$ 963 | | | | | | | | | \$ 2,017 |
| North Carroll MS - Roof Replacement | | | \$ 1,702 | \$ 1,554 | | | | | | | \$ 3,256 |
| Oklahoma Road MS - Roof Replacement | | | | | \$ 2,166 | \$ 1,979 | | | | | \$ 4,145 |
| Century HS - Roof Replacement | | | | | | | \$ 2,769 | \$ 2,529 | | | \$ 5,298 |
| Shiloh MS - Roof Replacement | | | | | | | | | \$ 2,359 | \$ 1,859 | \$ 4,218 |
| HVAC-Replacements | | | | | | | | | | | |
| Spring Garden ES - System Replacement | \$ 3,160 | | | | | | | | | | \$ 3,160 |
| Oklahoma Road MS - System Replacement | | \$ 4,806 | \$ 4,787 | | | | | | | | \$ 9,593 |
| Northwest MS - System Replacement | | | \$ 4,335 | \$ 4,316 | | | | | | | \$ 8,651 |
| Carroll Springs - System Replacement | | | \$ 1,886 | \$ 1,878 | | | | | | | \$ 3,764 |
| Carrolltowne ES - System Replacement | | | | | \$ 5,127 | \$ 5,105 | | | | | \$ 10,232 |
| Mt. Airy ES - System Replacement | | | | | \$ 3,688 | \$ 3,672 | | | | | \$ 7,360 |
| Liberty HS - System Replacement | | | | | | | | \$ 10,159 | \$ 10,114 | | \$ 20,273 |
| Friendship Valley ES - System Replacement | | | | | | | | | | \$ 3,888 | \$ 3,888 |
| Piney Ridge ES - System Replacement | | | | | | | | | | \$ 4,426 | \$ 4,426 |
| Kindergarten Additions | | | | | | | | | | | |
| Taneytown ES Kindergarten Addition | \$ 128 | \$ 1,011 | \$ 971 | | | | | | | | \$ 2,110 |
| Cranberry Station ES Kindergarten Addition | \$ 102 | \$ 808 | \$ 773 | | | | | | | | \$ 1,683 |
| Friendship Valley ES Kindergarten Addition | | | \$ 213 | \$ 1,681 | \$ 1,610 | | | | | | \$ 3,504 |
| Sandymount ES Kindergarten Addition | | | \$ 106 | \$ 841 | \$ 804 | | | | | | \$ 1,751 |
| Annual Requests | | | | | | | | | | | |
| Security Improvements | \$ 630 | | \$ 660 | | \$ 690 | | | \$ 720 | | \$ 750 | \$ 3,450 |
| Technology Improvements | \$ 1,000 | | \$ 1,000 | | \$ 1,000 | | | \$ 1,000 | | \$ 1,000 | \$ 5,000 |
| Paving | \$ 1,300 | | \$ 1,300 | | \$ 1,600 | | | \$ 1,400 | | \$ 1,000 | \$ 6,600 |
| Roofing Improvements | | | \$ 190 | | | | | \$ 200 | | | \$ 390 |
| Relocatable Classroom Movement | \$ 185 | | | | \$ 195 | | | | | \$ 205 | \$ 585 |
| Barrier Free Modifications | \$ 50 | | \$ 50 | | \$ 50 | | | \$ 50 | | \$ 50 | \$ 250 |
| Electrical Service Upgrades | | | | | | | | | | | |
| Sykesville Middle Electrical Equipment Replacement | \$ 413 | \$ 337 | | | | | | | | | \$ 750 |
| Window Replacements | | | | | | | | | | | |
| South Carroll High Window Replacement | \$ 866 | \$ 709 | | | | | | | | | \$ 1,575 |
| Westminster High Window Replacement | \$ 866 | \$ 709 | | | | | | | | | \$ 1,575 |
| TOTAL | \$ 21,359 | \$ 27,955 | \$ 23,308 | \$ 13,038 | \$ 10,882 | \$ 16,743 | \$ 11,546 | \$ 16,058 | \$ 12,473 | \$ 13,278 | \$ 166,640 |

CARROLL COUNTY PUBLIC SCHOOLS TEN YEAR FACILITIES MASTER PLAN CALENDAR

| MODERNIZATIONS | COMPLETION DATE | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | NOTES |
|---|-----------------|--|-----------|----|----|----|----|----|----|----|----|-------|
| | | <p>Career & Technology Center Modernization This project involves a phased approach to the partial modernization of the Career & Technology Center. Phase One would include the planning and construction of a 21,000 square foot addition to the existing Carroll County Career & Technology Center. Phase Two would renovate the existing building to bring the entire building into conformance with current building and life safety codes.</p> | Phase One | P | C | | | | | | | |
| <p>Undetermined Capital Project for East Middle and William Winchester Elementary This undetermined project will address the need to modernize both East Middle and William Winchester Elementary.</p> | TBD | | FS | | P | C | C | O | | | | |
| <p>Westminster High This project involves the modernization of the existing Westminster High building of 337,000 square feet.</p> | TBD | | | | | | | FS | | P | C | |

FS = Feasibility Study
P = Planning
C= Construction

CARROLL COUNTY PUBLIC SCHOOLS TEN YEAR FACILITIES MASTER PLAN CALENDAR

| CAPITAL RENEWAL PROJECTS | COMPLETION DATE | COMPLETION DATE | | | | | | | | | | | NOTES | |
|----------------------------------|-----------------|-----------------|----|----|----|----|----|----|----|----|----|---|-------|---------------------|
| | | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | | | |
| Roof Replacement Projects | | | | | | | | | | | | | | |
| Carrolltowne Elementary | Aug. 2018 | C | | | | | | | | | | | | |
| Runnymede Elementary | Aug. 2018 | C | | | | | | | | | | | | |
| Robert Moton Elementary | Aug. 2018 | C | | | | | | | | | | | | |
| Elmer Wolfe Elementary | Aug. 2018 | C | | | | | | | | | | | | |
| Sandymount Elementary | Aug. 2019 | P | C | | | | | | | | | | | HVAC Project - 2018 |
| Linton Springs Elementary | Aug. 2019 | P | C | | | | | | | | | | | |
| Cranberry Station Elementary | Aug. 2020 | P | C | | | | | | | | | | | |
| Winfield Elementary | Aug. 2020 | P | C | | | | | | | | | | | HVAC Project - 2019 |
| Spring Garden Elementary | Aug. 2021 | | | P | C | | | | | | | | | HVAC Project - 2020 |
| North Carrol Middle | Aug. 2022 | | | | P | C | | | | | | | | |
| East Middle | TBD | | | | P | C | | | | | | | | K-8 Project |
| Oklahoma Road Middle | Aug. 2023 | | | | | P | C | | | | | | | HVAC Project - 2021 |
| Century High | Aug. 2024 | | | | | P | C | | | | | | | |
| Shiloh Middle | Aug. 2025 | | | | | | | P | C | | | | | |
| Gateway | Aug. 2026 | | | | | | | | P | C | | | | |
| HVAC Replacement Projects | | | | | | | | | | | | | | |
| Sandymount Elementary | Aug. 2018 | C | | | | | | | | | | | | Roof Project |
| Winfield Elementary | Aug. 2019 | P | C | | | | | | | | | | | Roof Project |
| Spring Garden Elementary | Aug. 2020 | | P | C | | | | | | | | | | Roof Project |
| Oklahoma Road Middle | Aug. 2021 | | | P | C | | | | | | | | | Roof Project |
| CCCTC | TBD | | | | P | C | | | | | | | | CCCTC Renovation |
| Northwest Middle | Aug. 2022 | | | | P | C | | | | | | | | |
| East Middle | TBD | | | | P | C | | | | | | | | K-8 project |
| Carroll Springs | Aug. 2022 | | | | P | C | | | | | | | | |
| Carrolltowne Elementary | Aug. 2023 | | | | | P | C | | | | | | | |
| Mt. Airy Elementary | Aug. 2023 | | | | | P | C | | | | | | | |
| Liberty High | Aug. 2024 | | | | | | P | C | | | | | | |
| Piney Ridge Elementary | Aug. 2025 | | | | | | | P | C | | | | | |
| Friendship Valley Elementary | Aug. 2025 | | | | | | | | P | C | | | | |
| Mechanicsville Elementary | Aug. 2026 | | | | | | | | | P | C | | | |
| Runnymede Elementary | Aug. 2026 | | | | | | | | | | P | C | | |
| Taneytown Elementary | Aug. 2027 | | | | | | | | | | | P | C | |
| Elmer Wolfe Elementary | Aug. 2027 | | | | | | | | | | | | P | C |
| South Carrol High | Aug. 2028 | | | | | | | | | | | | | P |

P = Planning
C= Construction

CARROLL COUNTY PUBLIC SCHOOLS TEN YEAR FACILITIES MASTER PLAN CALENDAR

| CAPITAL RENEWAL PROJECTS | COMPLETION DATE | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | NOTES |
|--------------------------------|-----------------|---|----|----|----|----|----|----|----|----|----|-------------|
| | | Electrical System Replacement/Upgrades | | | | | | | | | | |
| Westminster High | Aug. 2019 | C | | | | | | | | | | |
| Sykesville Middle | Aug. 2021 | | P | C | | | | | | | | |
| East Middle | TBD | | | | P | C | | | | | | K-8 Project |
| Fire Alarm Replacement | | | | | | | | | | | | |
| East Middle | TBD | | | | P | C | | | | | | K-8 Project |
| Window Replacement | | | | | | | | | | | | |
| South Carroll High | Aug. 2020 | | P | C | | | | | | | | |
| Westminster High | Aug. 2020 | | P | C | | | | | | | | |
| East Middle | TBD | | | | P | C | | | | | | K-8 Project |
| Paving Replacement | On-going | C | C | C | C | C | C | C | C | C | C | |
| Technology Improvements | On-going | C | C | C | C | C | C | C | C | C | C | |

P = Planning
C= Construction

CARROLL COUNTY PUBLIC SCHOOLS TEN YEAR FACILITIES MASTER PLAN CALENDAR

| INSTRUCTIONAL PROGRAM | COMPLETION DATE | | | | | | | | | | | NOTES | | | |
|--|-----------------|----|----|----|----|----|----|----|----|----|----|-------|--|--|--|
| | | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | | | | |
| Taneytown Kindergarten Addition This addition is needed to accommodate full day Kindergarten | Aug. 2020 | | P | C | | | | | | | | | | | |
| Cranberry Station Kindergarten Addition This addition is needed to accommodate full day Kindergarten | Aug. 2020 | | P | C | | | | | | | | | | | |
| Friendship Valley Kindergarten Addition This addition is needed to accommodate full day Kindergarten | Aug. 2021 | | | P | C | | | | | | | | | | |
| Sandymount Kindergarten Addition This addition is needed to accommodate full day Kindergarten | Aug. 2021 | | | P | C | | | | | | | | | | |
| South Carroll High Science Room Renovations This project involves 2 original science rooms that have not been renovated. | Aug. 2018 | C | | | | | | | | | | | | | |
| Liberty High Science Room Renovations This project involves 4 original science rooms that have not been renovated. | Aug. 2018 | C | | | | | | | | | | | | | |
| Westminster High Science Room Renovations This project involves 6 original science rooms that have not been renovated. | Aug. 2019 | P | C | | | | | | | | | | | | |

P = Planning
C = Construction

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2020 TO 2025

| | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | Prior Allocation | Balance To Complete | Total Project Cost |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
| PUBLIC SCHOOLS | | | | | | | | | |
| Career and Technology Center | \$2,493,000 | \$32,035,806 | \$15,000,000 | \$0 | \$0 | \$0 | \$10,571,194 | \$0 | \$60,100,000 |
| High School Science Room Renovations | 3,146,000 | 0 | 0 | 0 | 0 | 0 | 2,619,000 | 0 | 5,765,000 |
| HVAC Improvements and Replacements | 0 | 4,806,000 | 9,122,000 | 6,296,000 | 7,355,000 | 9,426,000 | 0 | 0 | 37,005,000 |
| HVAC System Replacement - Spring Garden Elementary | 3,175,000 | 3,160,000 | 0 | 0 | 0 | 0 | 0 | 0 | 6,335,000 |
| HVAC System Replacement - Winfield Elementary | 8,719,000 | 0 | 0 | 0 | 0 | 0 | 515,000 | 0 | 9,234,000 |
| Paving | 855,000 | 725,000 | 965,000 | 825,000 | 875,000 | 1,000,000 | 0 | 0 | 5,245,000 |
| Relocatable Classroom Removal | 0 | 185,000 | 0 | 195,000 | 0 | 205,000 | 500,000 | 0 | 1,085,000 |
| Roof Repairs | 0 | 0 | 0 | 0 | 200,000 | 0 | 0 | 0 | 200,000 |
| Roof Replacement - Cranberry Station Elementary | 1,978,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,978,000 |
| Roof Replacement - Linton Springs | 136,000 | 0 | 0 | 0 | 0 | 0 | 1,736,000 | 0 | 1,872,000 |
| Roof Replacements | 0 | 2,564,100 | 2,117,850 | 3,418,800 | 4,352,250 | 5,562,900 | 0 | 0 | 18,015,900 |
| Technology Improvements | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 0 | 0 | 6,000,000 |
| Transfer to Operating Budget for BOE Debt Service | 10,225,720 | 11,106,655 | 11,566,445 | 12,945,892 | 14,252,065 | 14,444,882 | 0 | 0 | 74,541,658 |
| Window Replacement - South Carroll High | 155,000 | 1,575,000 | 0 | 0 | 0 | 0 | 0 | 0 | 1,730,000 |
| Window Replacement - Westminster High | 155,000 | 1,575,000 | 0 | 0 | 0 | 0 | 0 | 0 | 1,730,000 |
| PUBLIC SCHOOLS TOTAL | \$32,037,720 | \$58,732,561 | \$39,771,295 | \$24,680,692 | \$28,034,315 | \$31,638,782 | \$15,941,194 | \$0 | \$230,836,558 |
| SOURCES OF FUNDING: | | | | | | | | | |
| Local Income Tax | \$12,080,720 | \$13,016,655 | \$13,531,445 | \$14,965,892 | \$16,327,065 | \$16,649,882 | \$800,000 | \$0 | \$87,371,658 |
| Bonds | 11,745,750 | 28,484,106 | 5,346,150 | 3,611,700 | 7,460,950 | 6,721,450 | 2,419,000 | 0 | 65,789,106 |
| Reallocated Bonds | 696,250 | 0 | 0 | 0 | 0 | 0 | 10,471,194 | 0 | 11,167,444 |
| State School Construction | 7,515,000 | 17,231,800 | 20,893,700 | 6,103,100 | 4,246,300 | 8,267,450 | 2,251,000 | 0 | 66,508,350 |
| PUBLIC SCHOOLS TOTAL | \$32,037,720 | \$58,732,561 | \$39,771,295 | \$24,680,692 | \$28,034,315 | \$31,638,782 | \$15,941,194 | \$0 | \$230,836,558 |

Career and Technology Center

Commissioner District: 3

Taylor Hockensmith, Management and Budget Analyst (410) 386-2082

8619

This project provides funding to address space needs and an aging facility at the Career and Technology Center, located in Westminster. The prior allocation is for planning and construction in FY 19 - 20 of a 21,000 square foot addition to the existing Career and Technology Center to provide classrooms to address the waitlist for several programs. The second phase in FY 20 - 22 renovates the existing building to better accommodate existing programs.

Project is contingent on State funding.

Operating impacts will be determined as the project develops.

| | FY 20 | FY 21 | FY 22 | FY 23 | FY 24 | FY 25 | Prior Allocation | Balance to Complete | Total Project Cost |
|------------------------------------|------------------|-------------------|-------------------|----------|----------|----------|-------------------|---------------------|--------------------|
| Engineering/Design | 2,493,000 | | | | | | 1,607,194 | | 4,100,194 |
| Land Acquisition | | | | | | | | | 0 |
| Site Work | | | | | | | 1,241,000 | | 1,241,000 |
| Construction | | 32,035,806 | 15,000,000 | | | | 6,531,000 | | 53,566,806 |
| Equipment/Furnishings | | | | | | | 653,000 | | 653,000 |
| Other | | | | | | | 539,000 | | 539,000 |
| EXPENDITURES | | | | | | | | | |
| TOTAL | 2,493,000 | 32,035,806 | 15,000,000 | 0 | 0 | 0 | 10,571,194 | 0 | 60,100,000 |
| SOURCES OF FUNDS | | | | | | | | | |
| Local Income Tax | | | | | | | 100,000 | | 100,000 |
| Bonds | 2,493,000 | 21,035,806 | | | | | | | 23,528,806 |
| Reallocated Bonds | | | | | | | 10,471,194 | | 10,471,194 |
| State School Construction | | 11,000,000 | 15,000,000 | | | | | | 26,000,000 |
| PROJECTED OPERATING IMPACTS | 0 | 0 | 0 | 0 | 0 | 0 | | | |

High School Science Room Renovations

Taylor Hockensmith, Management and Budget Analyst (410) 386-2082

8710

This project provides funding for the renovation of aging science classrooms. The prior allocation addressed four classrooms each at Liberty High and South Carroll High. Remaining funding will address six classrooms at Westminster High.

Project is contingent on State funding.

| | FY 20 | FY 21 | FY 22 | FY 23 | FY 24 | FY 25 | Prior Allocation | Balance to Complete | Total Project Cost |
|-----------------------|-----------|-------|-------|-------|-------|-------|------------------|---------------------|--------------------|
| Engineering/Design | | | | | | | 200,000 | | 200,000 |
| Land Acquisition | | | | | | | | | 0 |
| Site Work | | | | | | | | | 0 |
| Construction | 2,750,000 | | | | | | 2,114,000 | | 4,864,000 |
| Equipment/Furnishings | 220,000 | | | | | | 170,000 | | 390,000 |
| Other | 176,000 | | | | | | 135,000 | | 311,000 |
| EXPENDITURES | | | | | | | | | |

| | | | | | | | | | |
|--------------|------------------|----------|----------|----------|----------|----------|------------------|----------|------------------|
| TOTAL | 3,146,000 | 0 | 0 | 0 | 0 | 0 | 2,619,000 | 0 | 5,765,000 |
|--------------|------------------|----------|----------|----------|----------|----------|------------------|----------|------------------|

| SOURCES OF FUNDS | | | | | | | | | |
|---------------------------|-----------|--|--|--|--|--|-----------|--|------------------|
| Local Income Tax | | | | | | | 200,000 | | 200,000 |
| Bonds | 1,482,000 | | | | | | 1,141,000 | | 2,623,000 |
| Reallocated Bonds | | | | | | | | | 0 |
| State School Construction | 1,664,000 | | | | | | 1,278,000 | | 2,942,000 |

| PROJECTED OPERATING IMPACTS | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|--|--|--|
| | 0 | 0 | 0 | 0 | 0 | 0 | | | |

HVAC Improvements and Replacements

Taylor Hockensmith, Management and Budget Analyst (410) 386-2082

9974

This project provides planned ongoing funding for the replacement of aging heating, ventilation, and air conditioning (HVAC) systems in schools. Funding is also included for scope studies performed one year prior to construction. Projects starting in the near term are budgeted as separate projects. Future HVAC improvements or replacements in the Board of Education's Facility Master Plan not yet identified as specific projects include:

- Oklahoma Road Middle
- Northwest Middle
- Carroll Springs Elementary
- Carrolltowne Elementary
- Mount Airy Elementary

Project is contingent on State funding.

| | FY 20 | FY 21 | FY 22 | FY 23 | FY 24 | FY 25 | Prior Allocation | Balance to Complete | Total Project Cost |
|-----------------------|----------|------------------|------------------|------------------|------------------|------------------|------------------|---------------------|--------------------|
| Engineering/Design | | 679,000 | 613,000 | 279,000 | 761,000 | 575,000 | | | 2,907,000 |
| Land Acquisition | | | | | | | | | 0 |
| Site Work | | | | | | | | | 0 |
| Construction | | 3,820,000 | 8,115,000 | 5,784,950 | 6,202,350 | 8,460,650 | | | 32,382,950 |
| Equipment/Furnishings | | | | | | | | | 0 |
| Other | | 307,000 | 394,000 | 232,050 | 391,650 | 390,350 | | | 1,715,050 |
| EXPENDITURES | | | | | | | | | |
| TOTAL | 0 | 4,806,000 | 9,122,000 | 6,296,000 | 7,355,000 | 9,426,000 | 0 | 0 | 37,005,000 |

| SOURCES OF FUNDS | | | | | | | | | |
|----------------------------|--|-----------|-----------|-----------|-----------|-----------|--|--|-------------------|
| Transfer from General Fund | | | | | | | | | 0 |
| Local Income Tax | | | | | | | | | 0 |
| Bonds | | 4,806,000 | 4,335,000 | 1,980,000 | 5,383,000 | 4,066,000 | | | 20,570,000 |
| State School Construction | | | 4,787,000 | 4,316,000 | 1,972,000 | 5,360,000 | | | 16,435,000 |

| PROJECTED OPERATING IMPACTS | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|--|--|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 |

HVAC System Replacement - Spring Garden Elementary

Commissioner District: 2

Taylor Hockensmith, Management and Budget Analyst (410) 386-2082

Proj #

This project provides funding for replacement of the existing rooftop air handler units and terminal control units, heating and cooling plants, associated piping and pumps, replacement/upgrade of the pneumatic control system, and an upgrade to the electrical equipment with new panelboards.

Project is contingent on State funding.

| | FY 20 | FY 21 | FY 22 | FY 23 | FY 24 | FY 25 | Prior Allocation | Balance to Complete | Total Project Cost |
|------------------------------------|------------------|------------------|----------|----------|----------|----------|------------------|---------------------|--------------------|
| Engineering/Design | 449,000 | | | | | | | | 449,000 |
| Land Acquisition | | | | | | | | | 0 |
| Site Work | | | | | | | | | 0 |
| Construction | 2,446,000 | 3,160,000 | | | | | | | 5,606,000 |
| Equipment/Furnishings | | | | | | | | | 0 |
| Other | 280,000 | | | | | | | | 280,000 |
| EXPENDITURES | | | | | | | | | |
| TOTAL | 3,175,000 | 3,160,000 | 0 | 0 | 0 | 0 | 0 | 0 | 6,335,000 |
| SOURCES OF FUNDS | | | | | | | | | |
| Transfer from General Fund | | | | | | | | | 0 |
| Local Income Tax | | | | | | | | | 0 |
| Bonds | 3,175,000 | | | | | | | | 3,175,000 |
| State School Construction | | 3,160,000 | | | | | | | 3,160,000 |
| PROJECTED OPERATING IMPACTS | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 |

HVAC System Replacement - Winfield Elementary

Commissioner District: 4

Taylor Hockensmith, Management and Budget Analyst (410) 386-2082

8762

This project provides funding for replacement of existing classroom unit ventilators, heating and cooling plants, associated piping and pumps, and replacement/upgrade of the pneumatic control system.

Project is contingent on State funding.

| | FY 20 | FY 21 | FY 22 | FY 23 | FY 24 | FY 25 | Prior Allocation | Balance to Complete | Total Project Cost |
|------------------------------------|------------------|----------|----------|----------|----------|----------|------------------|---------------------|--------------------|
| Engineering/Design | | | | | | | 515,000 | | 515,000 |
| Land Acquisition | | | | | | | | | 0 |
| Site Work | | | | | | | | | 0 |
| Construction | 8,304,000 | | | | | | | | 8,304,000 |
| Equipment/Furnishings | | | | | | | | | 0 |
| Other | 415,000 | | | | | | | | 415,000 |
| EXPENDITURES | | | | | | | | | |
| TOTAL | 8,719,000 | 0 | 0 | 0 | 0 | 0 | 515,000 | 0 | 9,234,000 |
| SOURCES OF FUNDS | | | | | | | | | |
| Transfer from General Fund | | | | | | | | | 0 |
| Bonds | 3,341,750 | | | | | | 515,000 | | 3,856,750 |
| Reallocated Bonds | 696,250 | | | | | | | | 696,250 |
| State School Construction | 4,681,000 | | | | | | | | 4,681,000 |
| PROJECTED OPERATING IMPACTS | 0 | 0 | 0 | 0 | 0 | 0 | | | |

Paving

Taylor Hockensmith, Management and Budget Analyst (410) 386-2082

9748

This project provides ongoing funding for maintenance and replacement of the school system's parking lots and driveways. Listed below are planned projects in priority order:

- Westminster High Stadium Parking Lot
- Robert Moton Elementary
- Westminster Elementary
- Mt. Airy Elementary
- Mechanicsville Elementary
- Shiloh Middle
- Liberty High
- Northwest Middle Traffic Loop and Main Lot
- Sykesville Middle

| | FY 20 | FY 21 | FY 22 | FY 23 | FY 24 | FY 25 | Prior Allocation | Balance to Complete | Total Project Cost |
|-----------------------|---------|---------|---------|---------|---------|-----------|------------------|---------------------|--------------------|
| Engineering/Design | | | | | | | | | 0 |
| Land Acquisition | | | | | | | | | 0 |
| Site Work | | | | | | | | | 0 |
| Construction | 855,000 | 725,000 | 965,000 | 825,000 | 875,000 | 1,000,000 | | | 5,245,000 |
| Equipment/Furnishings | | | | | | | | | 0 |
| Other | | | | | | | | | 0 |
| EXPENDITURES | | | | | | | | | |

| | | | | | | | | | |
|--------------|----------------|----------------|----------------|----------------|----------------|------------------|----------|----------|------------------|
| TOTAL | 855,000 | 725,000 | 965,000 | 825,000 | 875,000 | 1,000,000 | 0 | 0 | 5,245,000 |
|--------------|----------------|----------------|----------------|----------------|----------------|------------------|----------|----------|------------------|

| SOURCES OF FUNDS | | | | | | | | | |
|----------------------------|---------|---------|---------|---------|---------|-----------|--|--|-----------|
| Transfer from General Fund | | | | | | | | | 0 |
| Local Income Tax | 855,000 | 725,000 | 965,000 | 825,000 | 875,000 | 1,000,000 | | | 5,245,000 |
| Property Tax | | | | | | | | | 0 |
| Bonds | | | | | | | | | 0 |

| PROJECTED OPERATING IMPACTS | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|--|--|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 |

Relocatable Classroom Removal

Taylor Hockensmith, Management and Budget Analyst (410) 386-2082

9745

This project provides ongoing funding for the removal of relocatable classrooms from various school sites where they are no longer needed. An evaluation of the condition and utilization of the existing relocatable classroom inventory was performed to identify units for potential removal. The Board of Education currently has an inventory of 28 relocatable classroom buildings.

Projected operating impacts include a reduction in maintenance and utilities.

| | FY 20 | FY 21 | FY 22 | FY 23 | FY 24 | FY 25 | Prior Allocation | Balance to Complete | Total Project Cost |
|------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---------------------|--------------------|
| Engineering/Design | | | | | | | | | 0 |
| Land Acquisition | | | | | | | | | 0 |
| Site Work | | | | | | | | | 0 |
| Construction | | 185,000 | | 195,000 | | 205,000 | 500,000 | | 1,085,000 |
| Equipment/Furnishings | | | | | | | | | 0 |
| Other | | | | | | | | | 0 |
| EXPENDITURES | | | | | | | | | |
| TOTAL | 0 | 185,000 | 0 | 195,000 | 0 | 205,000 | 500,000 | 0 | 1,085,000 |
| SOURCES OF FUNDS | | | | | | | | | |
| Transfer from General Fund | | | | | | | | | 0 |
| Reallocated GF Transfer | | | | | | | | | 0 |
| Local Income Tax | | 185,000 | | 195,000 | | 205,000 | 500,000 | | 1,085,000 |
| Bonds | | | | | | | | | 0 |
| PROJECTED OPERATING IMPACTS | (150,000) | (310,000) | (310,000) | (480,000) | (480,000) | (660,000) | | | |

Roof Repairs

Taylor Hockensmith, Management and Budget Analyst (410) 386-2082

9746

This project provides ongoing funding for minor repairs to roofs. Funding is to address emergencies, provide necessary maintenance for the integrity of the roof systems, and extend the useful life of roofs.

| | FY 20 | FY 21 | FY 22 | FY 23 | FY 24 | FY 25 | Prior Allocation | Balance to Complete | Total Project Cost |
|------------------------------------|----------|----------|----------|----------|----------------|----------|------------------|---------------------|--------------------|
| Engineering/Design | | | | | | | | | 0 |
| Land Acquisition | | | | | | | | | 0 |
| Site Work | | | | | | | | | 0 |
| Construction | | | | | 200,000 | | | | 200,000 |
| Equipment/Furnishings | | | | | | | | | 0 |
| Other | | | | | | | | | 0 |
| EXPENDITURES | | | | | | | | | |
| TOTAL | 0 | 0 | 0 | 0 | 200,000 | 0 | 0 | 0 | 200,000 |
| SOURCES OF FUNDS | | | | | | | | | |
| Transfer from General Fund | | | | | | | | | 0 |
| Local Income Tax | | | | | 200,000 | | | | 200,000 |
| Property Tax | | | | | | | | | 0 |
| Bonds | | | | | | | | | 0 |
| PROJECTED OPERATING IMPACTS | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 |

Roof Replacement - Cranberry Station Elementary

Commissioner District: 3

Taylor Hockensmith, Management and Budget Analyst (410) 386-2082

Proj #

This project provides funding for the replacement of 61,146 square feet of roofing, associated tapered insulation system, roof drains, and flashing.

Project is contingent on State funding.

| | FY 20 | FY 21 | FY 22 | FY 23 | FY 24 | FY 25 | Prior Allocation | Balance to Complete | Total Project Cost |
|------------------------------------|------------------|----------|----------|----------|----------|----------|------------------|---------------------|--------------------|
| Engineering/Design | 73,000 | | | | | | | | 73,000 |
| Land Acquisition | | | | | | | | | 0 |
| Site Work | | | | | | | | | 0 |
| Construction | 1,834,000 | | | | | | | | 1,834,000 |
| Equipment/Furnishings | | | | | | | | | 0 |
| Other | 71,000 | | | | | | | | 71,000 |
| EXPENDITURES | | | | | | | | | |
| TOTAL | 1,978,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,978,000 |
| SOURCES OF FUNDS | | | | | | | | | |
| Transfer from General Fund | | | | | | | | | 0 |
| Local Income Tax | | | | | | | | | 0 |
| Bonds | 944,000 | | | | | | | | 944,000 |
| State School Construction | 1,034,000 | | | | | | | | 1,034,000 |
| PROJECTED OPERATING IMPACTS | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 |

Roof Replacement - Linton Springs

Commissioner District: 5

Taylor Hockensmith, Management and Budget Analyst (410) 386-2082

8763

This project provides funding for replacement of 73,112 square feet of roofing, associated tapered insulation system, roof drains and flashings.

Project is contingent on State funding.

| | FY 20 | FY 21 | FY 22 | FY 23 | FY 24 | FY 25 | Prior Allocation | Balance to Complete | Total Project Cost |
|------------------------------------|----------------|----------|----------|----------|----------|----------|------------------|---------------------|--------------------|
| Engineering/Design | | | | | | | 64,000 | | 64,000 |
| Land Acquisition | | | | | | | | | 0 |
| Site Work | | | | | | | | | 0 |
| Construction | 136,000 | | | | | | 1,608,000 | | 1,744,000 |
| Equipment/Furnishings | | | | | | | | | 0 |
| Other | | | | | | | 64,000 | | 64,000 |
| EXPENDITURES | | | | | | | | | |
| TOTAL | 136,000 | 0 | 0 | 0 | 0 | 0 | 1,736,000 | 0 | 1,872,000 |
| SOURCES OF FUNDS | | | | | | | | | |
| Local Income Tax | | | | | | | | | 0 |
| Property Tax | | | | | | | | | 0 |
| Bonds | | | | | | | 763,000 | | 763,000 |
| State School Construction | 136,000 | | | | | | 973,000 | | 1,109,000 |
| PROJECTED OPERATING IMPACTS | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 |

Roof Replacements

Taylor Hockensmith, Management and Budget Analyst (410) 386-2082

8379

This project provides planned ongoing funding to replace roofs that are failing and no longer repairable. Projects starting in the near term are budgeted as separate projects. Future roof replacements in the Board of Education's Facility Master Plan not yet identified as specific projects include:

- Winfield Elementary
- Spring Garden Elementary
- North Carroll Middle
- Oklahoma Road Middle
- Century High

Project is contingent on State funding.

| | FY 20 | FY 21 | FY 22 | FY 23 | FY 24 | FY 25 | Prior Allocation | Balance to Complete | Total Project Cost |
|-----------------------|-------|-----------|-----------|-----------|-----------|-----------|------------------|---------------------|--------------------|
| Engineering/Design | | 95,550 | 78,750 | 127,050 | 161,700 | 205,800 | | | 668,850 |
| Land Acquisition | | | | | | | | | 0 |
| Site Work | | | | | | | | | 0 |
| Construction | | 2,376,150 | 1,962,450 | 3,168,900 | 4,034,100 | 5,156,550 | | | 16,698,150 |
| Equipment/Furnishings | | | | | | | | | 0 |
| Other | | 92,400 | 76,650 | 122,850 | 156,450 | 200,550 | | | 648,900 |
| EXPENDITURES | | | | | | | | | |

| | | | | | | | | | |
|--------------|----------|------------------|------------------|------------------|------------------|------------------|----------|----------|-------------------|
| TOTAL | 0 | 2,564,100 | 2,117,850 | 3,418,800 | 4,352,250 | 5,562,900 | 0 | 0 | 18,015,900 |
|--------------|----------|------------------|------------------|------------------|------------------|------------------|----------|----------|-------------------|

| SOURCES OF FUNDS | | | | | | | | | |
|------------------------------|--|-----------|-----------|-----------|-----------|-----------|--|--|------------------|
| Local Income Tax | | | | | | | | | 0 |
| Reallocated Local Income Tax | | | | | | | | | 0 |
| Bonds | | 1,224,300 | 1,011,150 | 1,631,700 | 2,077,950 | 2,655,450 | | | 8,600,550 |
| State School Construction | | 1,339,800 | 1,106,700 | 1,787,100 | 2,274,300 | 2,907,450 | | | 9,415,350 |

| PROJECTED OPERATING IMPACTS | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|--|--|--|
| | 0 | 0 | 0 | 0 | 0 | 0 | | | |

Technology Improvements

Taylor Hockensmith, Management and Budget Analyst (410) 386-2082

9792

This project provides ongoing funding for technology improvements. Funding will allow for technology replacements, upgrades to infrastructure hardware and software, and installation and replacement of hardware, such as servers, and network infrastructure equipment. Cabling upgrades, wireless technologies, and other core telecommunications are included in the technology infrastructure of the school system.

| | FY 20 | FY 21 | FY 22 | FY 23 | FY 24 | FY 25 | Prior Allocation | Balance to Complete | Total Project Cost |
|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|------------------|---------------------|--------------------|
| Engineering/Design | | | | | | | | | 0 |
| Land Acquisition | | | | | | | | | 0 |
| Site Work | | | | | | | | | 0 |
| Construction | | | | | | | | | 0 |
| Equipment/Furnishings | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | | | 6,000,000 |
| Other | | | | | | | | | 0 |
| EXPENDITURES | | | | | | | | | |

| | | | | | | | | | |
|--------------|------------------|------------------|------------------|------------------|------------------|------------------|----------|----------|------------------|
| TOTAL | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 0 | 0 | 6,000,000 |
|--------------|------------------|------------------|------------------|------------------|------------------|------------------|----------|----------|------------------|

| SOURCES OF FUNDS | | | | | | | | | |
|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|--|--|-----------|
| Transfer from General Fund | | | | | | | | | 0 |
| Reallocated GF Transfer | | | | | | | | | 0 |
| Local Income Tax | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | | | 6,000,000 |
| Bonds | | | | | | | | | 0 |

| PROJECTED OPERATING IMPACTS | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|--|--|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 |

Window Replacement - South Carroll High

Commissioner District: 5

Taylor Hockensmith, Management and Budget Analyst (410) 386-2082

Proj #

This project provides funding for replacement of the window wall system installed during the original construction of South Carroll High.

Project is contingent on State funding.

| | FY 20 | FY 21 | FY 22 | FY 23 | FY 24 | FY 25 | Prior Allocation | Balance to Complete | Total Project Cost |
|------------------------------------|----------------|------------------|----------|----------|----------|----------|------------------|---------------------|--------------------|
| Engineering/Design | 155,000 | | | | | | | | 155,000 |
| Land Acquisition | | | | | | | | | 0 |
| Site Work | | | | | | | | | 0 |
| Construction | | 1,575,000 | | | | | | | 1,575,000 |
| Equipment/Furnishings | | | | | | | | | 0 |
| Other | | | | | | | | | 0 |
| EXPENDITURES | | | | | | | | | |
| TOTAL | 155,000 | 1,575,000 | 0 | 0 | 0 | 0 | 0 | 0 | 1,730,000 |
| SOURCES OF FUNDS | | | | | | | | | |
| Transfer from General Fund | | | | | | | | | 0 |
| Bonds | 155,000 | 709,000 | | | | | | | 864,000 |
| Reallocated Bonds | | | | | | | | | 0 |
| State School Construction | | 866,000 | | | | | | | 866,000 |
| PROJECTED OPERATING IMPACTS | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 |

Window Replacement - Westminster High

Commissioner District: 3

Taylor Hockensmith, Management and Budget Analyst (410) 386-2082

Proj #

This project provides funding for replacement of the window wall system installed during the original construction of Westminster High.

Project is contingent on State funding.

| | FY 20 | FY 21 | FY 22 | FY 23 | FY 24 | FY 25 | Prior Allocation | Balance to Complete | Total Project Cost |
|-----------------------|---------|-----------|-------|-------|-------|-------|------------------|---------------------|--------------------|
| Engineering/Design | 155,000 | | | | | | | | 155,000 |
| Land Acquisition | | | | | | | | | 0 |
| Site Work | | | | | | | | | 0 |
| Construction | | 1,575,000 | | | | | | | 1,575,000 |
| Equipment/Furnishings | | | | | | | | | 0 |
| Other | | | | | | | | | 0 |
| EXPENDITURES | | | | | | | | | |

| | | | | | | | | | |
|--------------|----------------|------------------|----------|----------|----------|----------|----------|----------|------------------|
| TOTAL | 155,000 | 1,575,000 | 0 | 0 | 0 | 0 | 0 | 0 | 1,730,000 |
|--------------|----------------|------------------|----------|----------|----------|----------|----------|----------|------------------|

| SOURCES OF FUNDS | | | | | | | | | |
|----------------------------|---------|---------|--|--|--|--|--|--|---------|
| Transfer from General Fund | | | | | | | | | 0 |
| Bonds | 155,000 | 709,000 | | | | | | | 864,000 |
| Reallocated Bonds | | | | | | | | | 0 |
| State School Construction | | 866,000 | | | | | | | 866,000 |

| PROJECTED OPERATING IMPACTS | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|--|--|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 |