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 primarily funded by dedicated Income Tax revenue, State funding, and Impact Fees.

In April 2016, the Commissioners voted to keep the school Impact Fee at zero until FY 19. 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 generally provided funding for three-quarters or more of the school CIP. In the current six-year plan, the County is providing 69% of funding.

The Commissioners are providing planned funding in FY 19-20 to address the Carroll County Career and Technology Center. A feasibility study, which began in FY 17, is exploring alternatives such as expanding into other existing school space or renovating the existing Career and Technology Center. We anticipate the Board of County Commissioners will have significant discussion of this project during the budget process. Planned funding is included in FY 18-20 to renovate the science rooms of three high schools to accommodate the growing technology components.

Even with the \$230.7 million 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. Other projects include:

- Westminster West Middle modernization
- Cranberry Station Elementary kindergarten addition
- Friendship Valley Elementary kindergarten and PRIDE addition
- Sandymount Elementary kindergarten addition
- Taneytown Elementary kindergarten addition

Following this overview are copies of the Board of Education's Ten Year Facilities Master Plan Calendar and the FY 18 State Capital Improvement Plan Budget Request/FY 2019 – 2023 Capital Improvement Program Plan. For additional information on Public School projects, please refer to the individual project pages.

FY 2018 CAPITAL IMPROVEMENT PROGRAM BUDGET REQUEST

Pric	Priority		Prior Au	Prior Authorization/Allocation	location	Fisca	Year 2018	Fiscal Year 2018 Funding Request	equest		
			·	,		Č	Rednest		Request	Total	la
State	State Local		State	County	lotal	State	For	County	For	Request	rest
-	1	Carrolltowne ES Roof Replacement				\$ 833	(SR)	\$ 779	(SR)	\$	1,612
2	2	Runnymede ES Roof Replacement				\$ 1,012	(SR)	\$ 945	(SR)	\$	1,957
က	3	Robert Moton ES Roof Replacement				\$ 1,039	(SR)	\$ 820	(SR)	\$	2,009
4	4	Elmer Wolfe ES Roof Replacement				\$ 968	(SR)	\$ 905	(SR)	8	1,873
	2	East MS HVAC Replacement						\$ 903	(P)	\$	903
	9	Sandymount ES HVAV Replacement						\$ 418	(P)	\$	418
	7	Westminster HS Electrical System Renovation						\$ 100	(P)	\$	100
	8	Westminster HS Science Room Renovations						\$ 100	(P)	\$	100
	6	Security Improvements						\$ 2,100	(C)	\$	2,100
	10	Technology Improvements						\$ 1,350	<u>(</u>)	8	1,350
	11	Paving						\$ 220	(C)	\$	220
	12	Roof Repairs						\$ 170	(C)	\$	170
	13	Barrier Free Modifications						\$ 20	(C)	s	20
			- \$	-	۔ ج	- \$ 3,852		\$ 9,340		\$ 13	13,192

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 2019-2023 CAPITAL IMPROVEMENT PROGRAM PLAN (\$,000 omitted)

Modernization								_	
Spinorization S 6,590 S 77,024 S 8,940 S 17,023 S 6,977 S 770 S 4601 S 7,000	Project Title			+	+			Local	Total
Submodule S. 5000 G S. 1700 G S. 1700 G S. 5447 G <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>									
Non-interaction	Modernizations								
Supplementation Supple	CCCTC Replacement School			824 \$ 38	17,823 \$				86,817
Second	Westminster West MS Modernization					φ.	70	4,651	4,721
State Stat									
Statistication Stat	Roof Replacements								
State Stat	East MS - Roof Replacement	825 \$	770					\$	1,595
Cool Replacement S 948 S 988 8 989 8 8 8 8 8 8 8 8 8 8 8 8 8 8 9 8 9 8 9	Sandymount ES - Roof Replacement	\$ 926	893					\$	1,849
Food Repidement S 1,150 S 1074 S 1082 S 1930 S 19	Spring Garden ES - Roof Replacement		49	s				\$	1,834
Part	Linton Springs ES - Roof Replacement		\$	\$				8	2,224
Rod Replacement S 1,220 5,1450 S 1,450 S 1,450 S 2,226 S S 1,450 S 1,450 S 1,450 S 1,450 S 2,468 S 2,686 S 2,468 S	Cranberry Station ES - Roof Replacement				\$ 866			\$	1,931
Roof Replacement S 1971 S 1971 S 1971 S 2 250 S 1971 S </td <td>Winfield ES - Roof Replacement</td> <td></td> <td></td> <td></td> <td>1,232 \$</td> <td></td> <td></td> <td>8</td> <td>2,382</td>	Winfield ES - Roof Replacement				1,232 \$			8	2,382
Paccement S C C C C C C C C C	Oklahoma Road MS - Roof Replacement					1,971 \$	1,842	8	3,813
Second	Century HS - Roof Replacement						s	\$ 2,366	4,899
Page compared S	-								
State Stat	HVAC-Replacements								
System Replacement \$ 3,102 \$ 2,269 \$ 3,102 \$ 2,2421 \$ 6,269 \$ 3,091	East MS - System Replacement	6,824 \$	306					8	12,130
Replacement 5 412 5 2421 5 2421 5 3091 5 3091 6 7 6 6 7 7 7 7 <td>Sandymount ES - System Replacement</td> <td>3,162 \$</td> <td>459</td> <td></td> <td></td> <td></td> <td></td> <td>9</td> <td>5,621</td>	Sandymount ES - System Replacement	3,162 \$	459					9	5,621
System Replacement Trial Explacement Replacement Replacement Replacement Trial Explacement Trial Expla	Spring Garden ES - System Replacement			ઝ				\$	5,946
System Replacement time Replacement Replace	Winfield MS - System Replacement				3,976 \$ 3,			\$	7,593
Machibacement Machibacemen	Oklahoma Road MS - System Replacement					\$ 5,034 \$	3,914	\$	9,614
tem Replacement time Re	Northwest MS - System Replacement					€9	မှ	\$ 3,566	8,760
garden Addition \$ 109 \$ 920 \$ 815 9 9 9 9 8 8 8 8 9<	Carrolltowne ES - System Replacement							\$ 718	718
gartan Addition S 920 815 9 10 8 9 8 8 8 8 8 8 9 8 1 2 1 8 9									
Symptoment Replacement 5 119 S 920 S 157 S 150 S 150<	Kindergarten Additions								
Kindlegatiren Addition \$ 87 \$ 736 \$ 1,275 \$ 639 \$ 1,275 \$ 639 \$ 773 \$ 639 \$ 773 \$ 639 \$ 775 \$ 773 \$ 639 \$ 775 \$ 773 \$ 639 \$ 775 \$ 773 \$ 639 \$ 775 \$ 773 \$ 639 \$ 775 \$ 773 \$ 725 \$ 750 \$ 775 \$ 773 \$ 725 \$ 750 \$	Taneytown ES Kindergarten Addition			မှ				9	1,844
Kindlegarten Addition S 182 5 1,547 5 1,247 5 1,247 6 1 5 1,247 5 1,247 6 1 5 1 5 1,247 5 638 1 6 1 <th< td=""><td>Cranberry Station ES Kindergarten Addition</td><td>φ.</td><td></td><td>so ·</td><td></td><td></td><td></td><td>9</td><td>1,470</td></th<>	Cranberry Station ES Kindergarten Addition	φ.		so ·				9	1,470
con S 91 S 773 S 638 773 S 639 S 773 <	Friendship Valley ES Kindergarten Addition				1,547			\$	3,004
ton \$	Sandymount ES Kindergarten Addition				773 \$			9	1,502
S SES S 449 8 406 9 9 9 8 8 8 8 6 8 9 </td <td>Science Bonovation</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Science Bonovation								
s 5 55 8 449 8 406 9 9 6 9 8 8 8 8 8 9 8 9 <td>Westminster High</td> <td>865</td> <td>775</td> <td></td> <td></td> <td></td> <td></td> <td>9</td> <td>1 640</td>	Westminster High	865	775					9	1 640
s 5 5 449 8 406 9 <td>South Caroll High</td> <td>8</td> <td></td> <td>G</td> <td></td> <td></td> <td></td> <td></td> <td>910</td>	South Caroll High	8		G					910
ss 630 8 660 8 680 8 725 8 760 8 setsts 8 800 8 825 8 1,785 8 750 8 760 8 760 8 8 760 8 760 8 8 760 8 760 8 8 700 8 8 8 8 9 9 8 1,000 8 8 9 9 1,100 8 8 9 9 1,100 8 8 9 1,100 8 8 9 1,100 8 8 1,100 8 8 9 1,100 8 8 9 1,100 8 8 9 1,100 8 8 9 1,100 8 8 9 1,100 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Liberty High	4		·				9 69	910
s 660 5 660 5 690 725 725 760 8 entits \$ 800 \$ 825 \$ 1,730 \$ 875 \$ 760 \$ 760 \$ 760 \$ 760 \$ 760 \$ 700 \$ 760 \$ 760 \$ 700		+		•				•	
s color s color <t< td=""><td>Annual Requests</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	Annual Requests								
s solution to the state of the sta	Security Improvements		089				725	160	3,465
s Formation S 565 5 1,085 S 1,006 S 1,100 S <td>Technology Improvements</td> <td></td> <td>800</td> <td></td> <td></td> <td></td> <td>875</td> <td>200</td> <td>4,730</td>	Technology Improvements		800				875	200	4,730
s 15 180	Paving		865				850	1,100	4,465
m Movement tons \$ 175 F	Roofing Improvements						190	-	370
ions \$ 50 \$ 50 \$ 50 \$ 50 \$ \$ 50 \$	Relocatable Classroom Movement		175					195	555
ddes Ctrical Equipment Replacement \$ 531 \$ 369 \$ 75 \$ 443 \$ 307 \$ 5 ctrical Equipment Replacement \$ 150 \$ 885 \$ 150	Barrier Free Modifications	49	20				50	20	250
Ctrical Equipment Replacement \$ 531 \$ 369 Additional Replacement \$ 75 \$ 443 \$ 307 Additional Replacement \$ 885 \$ 615 Additional Replacement \$ 885 \$ 150 \$ 150	Electrical Service Upgrades								
Strical Equipment Replacement \$ 75 \$ 443 \$ 307 \$ 430 \$ 307 \$ \$ 5 \$ 307 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Westminster High Electrical Equipment Replacement	531 \$	369					\$	900
ndow Replacement \$ 150 \$ 885 \$ 615 \$ 615 \$ 615 \$ 885 \$ 615	Sykesville Middle Electrical Equipment Replacement				443 \$			\$	825
ndow Replacement \$ 150 \$ 885 \$ 615 Respective month \$ 150 \$	Window Replacements								
\$ 150 \$ 885 \$ 615 \$ 150 \$ 885 \$ 615 \$ 150 \$ 885 \$ 615 \$ 150 \$ 885 \$ 615	South Carroll High Window Replacement			ક				9	1,650
\$ 150 \$ 885 \$ 615	East Middle Window Replacement				\$ 288			\$	1,650
	Westminster High Window Replacement				9	\$ 885	615	8	1,650

SINOPLY MINUTAGE	COMPLETION					FISCAL YEARS	YEAR					Sator
MODERNIZATIONS	DATE	17	18	19	20	21	22	23	24	25	26	NOLES
New Career & Technology Center (Replacement) This project involves the design and construction of a new Career & Technology Center to replace the aging facility. In addition to providing a modern school facility to meet the current curriculum, it will also provide space for additional programs that are currently housed in relocatable classrooms.	Aug 2021		FS	d .	C	C	0					
West Middle Modemization Due to the fact that William Winchester Elementary and West Middle share the same site, the modernizations of these facilities should be planned jointly.	Aug 2025						FS	Р	C	C	0	
William Winches ter Elementary Modernization Due to the fact that William Winchester Elementary and West Middle share the same site, the modernizations of these facilities should be planned jointly.	Aug 2026						FS		Ч)	C	
Westminster High Modernization Due to the large investment made in the HVAC system at the school, a limited renovation targeting the instructional deficiencies may be a possibility for this school.	TBD										FS	

FS = Feasibility Study
P = Planning
C= Construction

	NOILE INVO				-	FISCAL VEARS	VFAR	7.0				
CAPITAL RENEWAL PROJECTS	DATE	17	18	19	20	21	22	23	24	25	26	NOTES
Roof Replacement Projects			3		,	1		2				
Manches ter Elementary	Aug. 2016	С										
Westminster Elementary	Aug. 2016	Э										
South Carroll High	Aug. 2016	Э										
Westminster High	Aug. 2016	Э										
Francis Scott Key High	Aug. 2017	d	Э									
Friendship Valley Elementary	Aug. 2017	d	Э									
Piney Ridge Elementary	Aug. 2017	d	Э									
Carrolltowne Elementary	Aug. 2018		d	С								
Runnymede Elementary	Aug. 2018		d	С								
Robert Moton Elementary	Aug. 2019			Ь	С							
Elmer Wolfe Elementary	Aug. 2019			Ь	С							
East Middle	Aug. 2020				Ь	С						HVAC Project - 2018
Sandymount Elementary	Aug. 2020				Ь	С						HVAC Project - 2019
Linton Springs Elementary	Aug. 2021					Ь	С					
Spring Garden Elementary	Aug. 2021					Ь	С					HVAC Project - 2020
Cranberry Station Elementary	Aug. 2022						Р	С				
Winfield Elementary	Aug. 2022						Ь	С				HVAC Project - 2021
Oklahoma Road Middle	Aug. 2023							Ь	С			HVAC Project - 2022
Century High	Aug. 2024								Ь	C		
Shiloh Middle	Aug. 2025									P	С	
North Carroll Middle	Aug. 2026										Ь	
HVAC Replacement Projects												
East Middle	Aug. 2019		d	С								Roof Project
Sandymount Elementary	Aug. 2020			Ь	С							Roof Project
Spring Garden Elementary	Aug. 2021				Р	С						Roof Project
Winfield Elementary	Aug. 2022					Ъ	С					Roof Project
Oklahoma Road Middle	Aug. 2023						Ь	C				Roof Project
Northwest Middle	Aug. 2024							Ь	C			
Carrolltowne Elementary	Aug. 2025								Ь	C		
Liberty High	Aug. 2026									P	C	
Carroll Springs School	Aug. 2027										Ь	

P = Planning C= Construction

SECTION IT MENTER IT LINE S	COMPLETION				-	FISCAL YEARS	YEAR	S				SHON
CAPITAL KENEWAL PROJECTS	DATE	17	18	19	20	21	22	23	24	25	26	NOIES
Electrical System Replacement/Upgrades												
Westminster High	Aug. 2019	FS	Ь	С								
East Middle	Aug. 2019		Ь	С								Coordinate with HVAC Project
Sykesville Middle	Aug. 2021				d	С						
Fire Alarm Replacement												
East Middle	Aug. 2019		Ь	С								Coordinate with HVAC Project
Window Replacement												
South Carroll High	Aug. 2020			Ь	С							
East Middle	Aug. 2021				d	С						
Westminster High	Aug. 2022					Ь	С					
Paving Replacement	On-going	С	С	С	С	С	С	С	С	С	С	
Technology Improvements	On-going	С	С	С	С	С	С	С	С	С	С	

P = Planning C= Construction

MACCOCC TA MOLECULORISM	COMPLETION				F	FISCAL YEARS	YEARS					
INSTRUCTIONAL PROGRAM	DATE	17	18	19	20	21	22	23	24	25	26	NOTES
Taneytown Kindergarten Addition This addition is needed to accommodate full day Kindergarten	Aug. 2020			Ь	С							
Cranberry Station Kindergarten Addition This addition is needed to accommodate full day Kindergarten	Aug. 2020			Ь	С							
Friendship Valley Kindergarten Addition This addition is needed to accommodate full day Kindergarten	Aug. 2021				Ь	С						
Sandymount Kindergarten Addition This addition is needed to accommodate full day Kindergarten	Aug. 2021				Р	C						
Westminster High Science Room Renovations This project involves 6 original science rooms that have not been renovated.	Aug. 2019		Ь	C								
South Carroll High Science Room Renovations This project involves 2 original science rooms that have not been renovated.	Aug. 2020			Ь	С							
Liberty High Science Room Renovations This project involves 4 original science rooms that have not been renovated.	Aug. 2020			А	C							

P = Planning

C = Construction

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2018 TO 2023

			Fiscal	Year			Prior	Balance to	Total
	2018	2019	2020	2021	2022	2023	Allocation	Complete	Project Cost
PUBLIC SCHOOLS: New Construction, Additions, Modernizations									
Career and Technology Center	\$0	\$4,000,000	\$55,900,000	\$0	\$0	\$0	\$100,000	\$0	\$60,000,000
High School Science Room Renovations	200,000	1,640,000	1,710,000	0	0	0	0	0	3,550,000
New Construction, Additions, Modernizations Total	\$200,000	\$5,640,000	\$57,610,000	\$0	\$0	\$0	\$100,000	\$0	\$63,550,000
Other Projects									
HVAC Improvements and Replacements	\$0	\$558,800	\$6,635,400	\$7,810,900	\$9,140,300	\$9,688,000	\$0	\$0	\$33,833,400
HVAC System Replacement - East Middle	903,000	12,130,000	0	0	0	0	0	0	13,033,000
HVAC System Replacement - Sandymount Elementary	0	430,540	5,789,630	0	0	0	0	0	6,220,170
Paving	575,000	625,000	675,000	725,000	775.000	825,000	0	0	4.200.000
Relocatable Classroom Removal	0	175,000	0	185,000	0	195,000	325,000	0	880,000
Roof Repairs	170,000	0	180,000	0	190,000	0	0	0	540,000
Roof Replacement - Carrolltowne Elementary	1,612,000	0	0	0	0	0	0	0	1.612.000
Roof Replacement - Elmer Wolfe Elementary	1,872,000	0	0	0	0	0	0	0	1,872,000
Roof Replacement - Robert Moton Elementary	2,009,000	0	0	0	0	0	0	0	2,009,000
Roof Replacement - Runnymede Elementary	1,872,000	0	0	0	0	0	0	0	1,872,000
Roof Replacements	0	3,444,000	4,058,000	4,313,000	4,600,000	4,900,000	0	0	21,315,000
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	10,940,898	10,744,477	10,797,019	12,531,220	14,412,392	14,602,681	0	0	74,028,686
Westminster High Electrical Equipment Replacement	100,000	900,000	0	0	0	0	60,000	0	1,060,000
Other Projects Total	\$21,053,898	\$30,007,817	\$29,135,049	\$26,565,120	\$30,117,692	\$31,210,681	\$385,000	\$0	\$168,475,256
PUBLIC SCHOOLS TOTAL	\$21,253,898	\$35,647,817	\$86,745,049	\$26,565,120	\$30,117,692	\$31,210,681	\$485,000	\$0	\$232,025,256
SOURCES OF FUNDING:									
Local Income Tax	\$12,885,898	\$12,544,477	\$12,652,019	\$14,441,220	\$16,377,392	\$16,622,681	\$485,000	\$0	\$86,008,686
Bonds	4,614,000	13,717,540	35,914,392	6,223,177	7,069,959	7,501,140	0	0	75,040,208
State	3,754,000	9,385,800	38,178,638	5,900,723	6,670,341	7,086,860	0	0	70,976,362
PUBLIC SCHOOLS TOTAL	\$21,253,898	\$35,647,817	\$86,745,049	\$26,565,120	\$30,117,692	\$31,210,681	\$485,000	\$0	\$232,025,256

8610

This project provides planned funding to address space needs at the Career and Technology Center. A feasibility study has been conducted to explore possible alternatives to building a new facility and include expanding into other existing school space and/or renovating the existing Career and Technology Center. The results of the feasibility study will be shared with the Board of County Commissioners in early 2017.

Operating impacts will be determined as the project develops.

	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Prior Allocation	Balance to Complete	Total Project Cost
								•	
Engineering/Design		4,000,000					100,000		4,100,000
Land Acquisition									0
Site Work									0
Construction			55,900,000						55,900,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
-									
TOTAL	0	4,000,000	55,900,000	0	0	0	100,000	0	60,000,000
TOTAL	0	4,000,000	55,900,000	0	0	0	100,000	0	60,000,000
TOTAL SOURCES OF FUNDS	0	4,000,000	55,900,000	0	0	0	100,000	0	60,000,000
	0	4,000,000	55,900,000	0	0	0	100,000	0	60,000,000
SOURCES OF FUNDS	0	4,000,000	55,900,000	0	0	0	100,000	0	
SOURCES OF FUNDS Transfer from General Fund	0	4,000,000	55,900,000 26,800,000	0	0	0	,	0	0
SOURCES OF FUNDS Transfer from General Fund Local Income Tax	0			0	0	0	,	0	0 100,000
SOURCES OF FUNDS Transfer from General Fund Local Income Tax Bonds	0		26,800,000	0	0	0	,	0	0 100,000 30,800,000

High School Science Room Renovations

Heidi K. Pepin, Management and Budget Project Coordinator (410) 386-2082

Proj#

This project provides funding as part of the Look of the Future High School Science Classroom State initiative. This involves the renovation of aging science classrooms to accommodate the Carroll County Public Schools' technology component into these renovated science laboratory spaces. A large number of high school science classrooms were renovated in the 1990s as part of this initiative. The projects contained in the plan include the remaining unrenovated high school science classrooms.

The following projects are planned: Westminster High (6 classrooms) South Carroll High (4 classrooms) Liberty High (4 classrooms

_	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	200,000								200,000
Land Acquisition									0
Site Work									0
Construction		1,430,000	1,490,000						2,920,000
Equipment/Furnishings		115,000	120,000						235,000
Other		95,000	100,000						195,000
EXPENDITURES									
TOTAL	200,000	1,640,000	1,710,000	0	0	0	0	0	3,550,000
_									
SOURCES OF FUNDS									
Transfer from General Fund									0
Transfer from General Fund Local Income Tax	200,000								200,000
	200,000	775,200	812,000						
Local Income Tax	200,000	775,200 864,800	812,000 898,000						200,000
Local Income Tax Bonds	200,000	·							200,000 1,587,200

HVAC Improvements and Replacements

Heidi K. Pepin, Management and Budget Project Coordinator (410) 386-2082

974

This project provides planned funding for the replacement of aging heating, ventilation, and air conditioning (HVAC) systems in schools. This project also includes funding for scope studies performed one year prior to construction. Projects starting in the near term are budgeted as separate items. Funding is planned in this project for future HVAC improvements or replacements not yet identified as specific projects.

Future system replacements in the Board of Education's Facility Master Plan include: Spring Garden Elementary Winfield Elementary Oklahoma Road Middle Northwest Middle Carrolltowne Elementary

Project is contingent on receiving State funding and school closing decisions.

_	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Prior Allocation	Balance to Complete	Total Project Cost
•									
Engineering/Design		558,800	657,400	776,900	821,300	900,000			3,714,400
Land Acquisition									0
Site Work									0
Construction			5,588,000	6,574,000	7,769,000	8,213,000			28,144,000
Equipment/Furnishings									0
Other			390,000	460,000	550,000	575,000			1,975,000
EXPENDITURES									
TOTAL	0	558,800	6,635,400	7,810,900	9,140,300	9,688,000	0	0	33,833,400
SOURCES OF FUNDS								Γ	
Transfer from General Fund									0
Local Income Tax									0
Bonds		558,800	3,516,762	4,139,777	4,844,359	5,134,640			18,194,338
State			3,118,638	3,671,123	4,295,941	4,553,360			15,639,062
PROJECTED OPERATING									

HVAC System Replacement - East Middle

District Location: 3

Heidi K. Pepin, Management and Budget Project Coordinator (410) 386-2082

Proi #

This project provides funding for the replacement of the existing HVAC system. A scope study, performed in 2014, recommended that the existing unit ventilator system be replaced with a 4-pipe (heating-cooling) central system to provide the ability to either heat or cool any space throughout the school year. Replacement of the existing electrical system is a critical component of this HVAC replacement project. In addition to the electrical work, the fire alarm system will also be replaced.

Project is contingent on State funding.

	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Prior Allocation	Balance to Complete	Total Project Cost
,	1110		1120		1122	1120	· · · · · · · · · · · · · · · · · · ·	Complete	Troject Cost
Engineering/Design	903,000								903,000
Land Acquisition									0
Site Work									0
Construction		11,284,000							11,284,000
Equipment/Furnishings									0
Other		846,000							846,000
EXPENDITURES									
_	•								
TOTAL	903,000	12,130,000	0	0	0	0	0	0	13,033,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Bonds	903,000	5,921,000							6,824,000
									0,02 .,000
State		6,209,000							6,209,000
PROJECTED OPERATING		6,209,000					_		

HVAC System Replacement - Sandymount Elementary

District Location: 2

Heidi K. Pepin, Management and Budget Project Coordinator (410) 386-2082

Proi #

This project provides planned funding for the replacement of the existing rooftop air handling units and terminal control units. The project will also include replacement of the heating and cooling plants and associated piping and pumps, and replacement/upgrade of the pneumatic control system. Included in the scope, although not required for the HVAC renovation, is an upgrade to the electrical equipment to include new panelboards sized for the HVAC equipment.

Project is contingent on State funding.

	EV 10	EV 10	EX 20	EV 21	EV 22	EV 22	Prior	Balance to	Total
-	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Allocation	Complete	Project Cost
Engineering/Design		430,540							430,540
Land Acquisition									0
Site Work									0
Construction			5,385,870						5,385,870
Equipment/Furnishings									0
Other			403,760						403,760
TOTAL	0	430,540	5,789,630	0	0	0	0	0	6,220,170
TOTAL	0	430,540	5,789,630	0	0	0	0	0	6,220,170
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Bonds		430,540	2,825,630						3,256,170
State			2,964,000						2,964,000
DD O YE CONTROL OF THE PARTY OF							T		
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

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

Career and Technology Center (main parking lot)
Westminster High (stadium parking lot)
East Middle (main lot and roads
Robert Moton Elementary (entire site)
Westminster Elementary (entire site)
Mechanicsville Elementary (entire site)
Mt. Airy Elementary (entire site)
Shiloh Middle

	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	575,000	625,000	675,000	725,000	775,000	825,000			4,200,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	575,000	625,000	675,000	725,000	775,000	825,000	0	0	4,200,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax	575,000	625,000	675,000	725,000	775,000	825,000			4,200,000
Property Tax									0
Bonds									0
PROJECTED OPERATING									

This project provides planned funding for the removal of relocatable classrooms where they are no longer needed. An evaluation of the condition and utilization of the existing relocatable classroom inventory was performed last year. The Board of Education currently has an inventory of 37 relocatable classroom buildings. Planned funding will address demolition of approximately 60 - 70% of the inventory.

Projected operating impacts include a reduction of utilities and maintenance.

	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Prior Allocation	Balance to Complete	Total Project Cost
•									*
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction		175,000		185,000		195,000	325,000		880,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
_									
TOTAL	0	175,000	0	185,000	0	195,000	325,000	0	880,000
	i								
SOURCES OF FUNDS									
Transfer from General Fund									
									0
Local Income Tax		175,000		185,000		195,000	325,000		880,000
Local Income Tax Property Tax		175,000		185,000		195,000	325,000		
		175,000		185,000		195,000	325,000		880,000
Property Tax		175,000		185,000		195,000	325,000		880,000

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

	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Prior Allocation	Balance to Complete	Total Project Cost
•									,
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	170,000		180,000		190,000				540,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	170,000	0	180,000	0	190,000	0	0	0	540,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax	170,000		180,000		190,000				540,000
Property Tax									0
Bonds									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Proi #

This project provides funding for the replacement of 57,427 square feet of roofing, associated tapered insulation system, roof drains and flashings.

	EV 10	EW 10	EV 20	EV 01	EV 22	EV 22	Prior	Balance to	Total
	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Allocation	Complete	Project Cost
Engineering/Design	110,000								110,000
Land Acquisition									0
Site Work									0
Construction	1,378,000								1,378,000
Equipment/Furnishings									0
Other	124,000								124,000
EXPENDITURES									
TOTAL	1,612,000	0	0	0	0	0	0	0	1,612,000
	_								
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Bonds	833,000								833,000
State	779,000				·				779,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Roof Replacement - Elmer Wolfe Elementary

District Location: 1

Heidi K. Pepin, Management and Budget Project Coordinator (410) 386-2082

Project #

This project provides funding for the replacement of 66,699 square feet of roofing, associated tapered insulation system, roof drains and flashings.

							Prior	Balance to	Total
Í	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Allocation	Complete	Project Cost
					Γ	ı	ı	ı	ı
Engineering/Design	128,000								128,000
Land Acquisition									0
Site Work									0
Construction	1,600,000								1,600,000
Equipment/Furnishings									0
Other	144,000								144,000
EXPENDITURES									
TOTAL	1,872,000	0	0	0	0	0	0	0	1,872,000
•		<u> </u>	<u>u</u>						
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Bonds	904,000								904,000
State	968,000								968,000
PROJECTED OPERATING		_							
IMPACTS	0	0	0	0	0	0			

Roof Replacement - Robert Moton Elementary

District Location: 3

Heidi K. Pepin, Management and Budget Project Coordinator (410) 386-2082

Proj #

This project provides funding for the replacement of 71,585 square feet of roofing, associated tapered insulation system, roof drains and flashings.

							Prior	Balance to	Total
,	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Allocation	Complete	Project Cost
 						ı	ı	ı	T
Engineering/Design	137,000								137,000
Land Acquisition									0
Site Work									0
Construction	1,718,000								1,718,000
Equipment/Furnishings									0
Other	154,000								154,000
EXPENDITURES									
TOTAL	2,009,000	0	0	0	0	0	0	0	2,009,000
						1	1	1	
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Bonds	970,000								970,000
State	1,039,000								1,039,000
						•	•	•	
PROJECTED OPERATING		_	_						
IMPACTS	0	0	0	0	0	0			

Proi #

This project provides funding for the replacement of 69,706 square feet of roofing, associated tapered insulation system, roof drains and flashings.

	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	128,000								128,000
Land Acquisition									0
Site Work									0
Construction	1,600,000								1,600,000
Equipment/Furnishings									0
Other	144,000								144,000
EXPENDITURES									
	•								
TOTAL	1,872,000	0	0	0	0	0	0	0	1,872,000
TOTAL	1,872,000	0	0	0	0	0	0	0	1,872,000
TOTAL SOURCES OF FUNDS	1,872,000	0	0	0	0	0	0	0	1,872,000
	1,872,000	0	0	0	0	0	0	0	1,872,000
SOURCES OF FUNDS	1,872,000	0	0	0	0	0	0	0	
SOURCES OF FUNDS Transfer from General Fund	1,872,000 904,000	0	0	0	0	0	0	0	0
SOURCES OF FUNDS Transfer from General Fund Local Income Tax		0	0	0	0	0	0	0	0
SOURCES OF FUNDS Transfer from General Fund Local Income Tax Bonds	904,000	0	0	0	0	0	0	0	0 0 904,000

This project provides ongoing funding to replace roofs that are failing and no longer repairable. Projects starting in the near term are budgeted as separate projects. Funding is planned in this project for future roof replacements and has not been allocated to specific projects.

Future projects in the Board of Education's Facility Master Plan include:

East Middle Sandymount Elementary Spring Garden Elementary Linton Springs Elementary Cranberry Station Elementary Winfield Elementary Oklahoma Road Middle Century High

Project is contingent on receiving State funding and school closing decisions.

_	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Prior Allocation	Balance to Complete	Total Project Cost
					707	354			
Engineering/Design		235,000	277,000	295,000	315,000	335,000			1,457,000
Land Acquisition									0
Site Work									0
Construction		2,945,000	3,469,000	3,687,000	3,931,000	4,189,000			18,221,000
Equipment/Furnishings									0
Other		264,000	312,000	331,000	354,000	376,000			1,637,000
EXPENDITURES									
F								•	
TOTAL	0	3,444,000	4,058,000	4,313,000	4,600,000	4,900,000	0	0	21,315,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Bonds		1,663,000	1,960,000	2,083,400	2,225,600	2,366,500			10,298,500
State		1,781,000	2,098,000	2,229,600	2,374,400	2,533,500			11,016,500
							•		
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Proj#

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

							Prior	Balance to	Total
	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Allocation	Complete	Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000			6,000,000
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
TOTAL	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	6,000,000
TOTAL SOURCES OF FUNDS	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	6,000,000
	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	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	
SOURCES OF FUNDS Transfer from General Fund		, ,	, ,	, ,			0	0	0
SOURCES OF FUNDS Transfer from General Fund Local Income Tax		, ,	, ,	, ,			0	0	6,000,000
SOURCES OF FUNDS Transfer from General Fund Local Income Tax Property Tax		, ,	, ,	, ,			0	0	0 6,000,000 0

Transfer to Operating Budget for BOE Debt Service

Heidi K. Pepin, Management and Budget Project Coordinator (410) 386-2082

9001

A percentage of the Local Income Tax revenue is dedicated to school construction and appropriated directly into the Capital Fund. A portion of these dedicated funds are transferred to the General Fund to pay debt service related to school construction projects. Because dedicated local income tax is budgeted in the Capital Fund and then transferred to the General Fund, the funding is counted twice in the All Funds budget summary.

	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other	10,940,898	10,744,477	10,797,019	12,531,220	14,412,392	14,602,681			74,028,686
EXPENDITURES									
	_								
TOTAL	10,940,898	10,744,477	10,797,019	12,531,220	14,412,392	14,602,681	0	0	74,028,686
TOTAL	10,940,898	10,744,477	10,797,019	12,531,220	14,412,392	14,602,681	0	0	74,028,686
TOTAL SOURCES OF FUNDS	10,940,898	10,744,477	10,797,019	12,531,220	14,412,392	14,602,681	0	0	74,028,686
	10,940,898	10,744,477	10,797,019	12,531,220	14,412,392	14,602,681	0	0	74,028,686
SOURCES OF FUNDS	10,940,898	10,744,477 10,744,477	10,797,019 10,797,019	12,531,220 12,531,220	14,412,392 14,412,392	14,602,681 14,602,681	0	0	
SOURCES OF FUNDS Transfer from General Fund							0	0	0
SOURCES OF FUNDS Transfer from General Fund Local Income Tax							0	0	0 74,028,686
SOURCES OF FUNDS Transfer from General Fund Local Income Tax Property Tax							0	0	0 74,028,686 0

8623

This project provides funding for the replacement of aging electrical equipment showing signs of failure. The scope includes replacement of the the existing main distribution board, the sub-distribution board and the existing undersized emergency generator, as well as the upgrade of 13 wire panels throughout the building and the installation of emergency and standby power circuits.

							Prior	Balance to	Total
	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Allocation	Complete	Project Cost
Engineering/Design	100,000						60,000		160,000
Land Acquisition									0
Site Work									0
Construction		900,000							900,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	100,000	900,000	0	0	0	0	60,000	0	1,060,000
•									
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									
							60,000		60,000
Bonds	100,000	369,000					60,000		60,000 469,000
Bonds State	100,000	369,000 531,000					60,000		
	100,000						60,000		469,000