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 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 70% of funding.

The Commissioners are providing planned funding in FY 19-20 to address the Carroll County Career and Technology Center. In FY 17, a feasibility study was conducted to explore alternatives, such as expanding into other existing space or renovating the existing Career and Technology Center. It is anticipated that the Board of County Commissioners will have significant discussion about 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 growing technology components.

Even with the \$232.1 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 FY 18 State Capital Improvement Plan Budget Request/FY 2019 –2023 Capital Improvement Program Plan and the Ten Year Facilities Master Plan Calendar. For additional information on Public School projects, please refer to the individual project pages.

FY 2018 CAPITAL IMPROVEMENT PROGRAM BUDGET REQUEST

Pric	rity	· ·	Prior Au	thorization/A	llocation	Fiscal	Year 2018	Funding Re	quest	I	
State	Local		State	County	Total	State	Request For	County	Request For		Total equest
1	1	Carrolltowne ES Roof Replacement			- Contract	\$ 833	(SR)	\$ 779	(SR)	\$	1.612
2	2	Runnymede ES Roof Replacement				\$ 1,012	(SR)	\$ 945	(SR)	\$	1,957
3	3	Robert Moton ES Roof Replacement				\$ 1,039	(SR)	\$ 970	(SR)	\$	2,009
4	4	Elmer Wolfe ES Roof Replacement			İ	\$ 968	(SR)	\$ 905	(SR)	\$	1,873
	5	East MS HVAC Replacement				The second secon		\$ 903	(P)	\$	903
	6	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
	9	Security Improvements						\$ 2,100	(C)	\$	2,100
	10	Technology Improvements						\$ 1,350	(C)	\$	1,350
1.7	11	Paving .			†			\$ 550	(C)	6	550
	12	Roof Repairs			i		na analas and	\$ 170	(C)	ψ	170
	13	Barrier Free Modifications	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~		1			\$ 50	(C)	4	50
			\$ -	\$ -	\$ -	\$ 3.852			(0)	Φ	
-			Ψ -	Ψ -	}Ψ -	ψ 3,00Z		\$ 9,340		\$	13,192

(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

NOTE: All dollar figures are shown in thousands

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

		FY2	019			0000, \$) FY20		٠		FY2	021			FY	2022			FY2	023			
Project Title		State	Ĺ	ocal.		State	1	Local		State	į	Local		State	į L	ocal		State	Loca	1	1	Total
Modernizations			-				<u> </u>						ä.									
CCCTC Replacement School			-	6 200		47.004	 	00.040	925 925	17.000	<u> </u>		32 ***				12			- F		
Westminster West MS Modernization			\$	6,380	3 5	17,824	\$	38,943		17,823	\$	5,847								—-₺	\$	86,817
AACSTITUSTEL AAGST IND MODELLINGGED			-		<u> </u>				22		ļ				\$	70			\$ 4,6	51	\$	4,72
Roof Replacements			╂						#		 											
East MS - Roof Replacement	s	825	\$	770			┼						=				<u> </u>			-		
Sandymount ES - Roof Replacement	- S	956		893			┼				 -		<u> </u>								\$	1,59
Spring Garden ES - Roof Replacement		950	19	099	\$	948	+-	886			ļ		Ē						-		\$	1,84
Linton Springs ES - Roof Replacement			├		\$		-	1,074	4								<u> </u>				\$	1,83
Cranberry Station ES - Roof Replacement		***************************************	 		¥	1,130	₩	1,014	9	998	<u></u>	933					M			-6	\$	2,22
Winfield ES - Roof Replacement			├				H					1,150	22				-				\$	1,93
Oklahoma Road MS - Roof Replacement							-		2012	1,232	Φ.	1,150 E		4.074		4.040					\$	2,38
Century HS - Roof Replacement			╫				┡		₩-		<u> </u>		\$	1,971		1,842	.	A #na		P_	\$	3,81
			-				1		≣		<u> </u>		=				\$	2,533	\$ 2,3	66 🖁	\$	4,899
HVAC-Replacements			-		Contract Charles		1-		<u>-</u>		<u> </u>									<u>\$</u>		
East MS - System Replacement	\$	6,824	\$	5 30E			-				<u> </u>		#12 #12 #13							200		
Sandymount ES - System Replacement	. J \$	3,162			223		├-				 	b	=								\$	12,130
Spring Garden ES - System Replacement		0,102	\$	412	S 8	3 113	4	2,421	7		 -						WVS		·	E	\$	5,62
Winfield MS - System Replacement			1		700	0,110	\$	526	We were	3,976	8	3,091	365 363								\$	5,94
Oklahoma Road MS - System Replacement							Ť		35 35	, 0,010	\$		\$	5,034	\$	3,914			~		\$ \$	7,593 9,61
Northwest MS - System Replacement							t				۳	000	ΞΨ	5,004	\$		\$	4,587	\$ 3,5		•	8,760
Carrolltowne ES - System Replacement							 		1000 1000 1000 1000		-	- 1	2		Ψ			4,001	·	18		718
					200 200 200							i i					-		,	10 8 4	Ψ	
Kindergarten Additions													3									
Taneytown ES Kindergarten Addition			\$	109	\$	920	\$	815									53				\$	1,844
Cranberry Station ES Kindergarten Addition			\$	87	\$	736	\$	647								-	2				\$	1,470
Friendship Valley ES Kindergarten Addition					200		\$	182	3	1,547	\$	1,275									\$	3,004
Sandymount ES Kindergarten Addition							\$	91	- \$	773	\$	638	9			-					3	1,502
					25				25				2							1000		
Science Room Renovation			ļ		3							l de										
Westminster High	\$	865	·	775					E				000 E 144 d 400 L							The S	5	1,640
South Carroll High			\$		\$	449	<u> </u>	406				<u> </u>						, i		į.	\$	910
Liberty High			\$	55	\$	449	\$	406					<u> </u>								5	910
Annual Requests			<u> </u>				<u> </u>										72-8					
Security Improvements			<u> </u>		Ē		<u> </u>		Ē.,				Ž									
Technology Improvements			\$	630	with .		\$	660	· · · · · · · · · · · · · · · · · · ·		\$	690	2		\$	725	****			50 S	5	3,465
Paving			\$	800			\$	825				1,730	<u> </u>		\$	875	*****			00 8		4,730
Roofing Improvements			\$	865	## ###		\$	565			\$	1,085	52 55		\$	850	-		\$ 1,1	- 8		4,465
Relocatable Classroom Movement			\$	175	405 405		\$	180	7 T			405 8	25		\$	190	—			9 9		370
Barrier Free Modifications			\$	50		***************************************	\$	50	255 255		\$	185 = 50 =								5 9		555
			Ψ	- 30	=		Ψ.	- 50	100		4	20 0			\$	50			\$	50 1	5	250
Electrical Service Upgrades					200 200 200		-		175		-		ā				-					
Westminster High Electrical Equipment Replacement	8	531	\$	369									ij									
Sykesville Middle Electrical Equipment Replacement		- 001	Ψ	303	-		\$	75	¢	443	œ	307	-				392 300			- 13		900
							۳		Φ	443	Φ	307	2				905 1855			- day	<u> </u>	825
Nindow Replacements									//				3							-		
South Carroll High Window Replacement			\$	150	## \$	885	\$	615	-				# #							-		1.050
East Middle Window Replacement			<u> </u>		ω. Ψ	000	\$	150	0	885	\$	615	¥			<u>`</u>				and a		1,650
Westminster High Window Replacement					202 202		۳	,,,,	√3 Ψ		\$	150	# e	885	\$	615	24 21			3		1,650
					275 153		-		AVC 848		Ψ	730 [6	<u>Ψ</u>	000	Φ		-			- 5	2	1,650
	\$	13,163	_	. N	94€		l	£	2:15			100	25	1		5	263			₽		

MODERNIZATIONS	COMPLETION]	FISCAL	YEARS	\$				NOTES
MODERNIZATIONS	DATE	17	18	19	20	21	22	23	24	25	26	NOTES
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	Р	С	С	0					
West Middle 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. 2025						FS	P	С	С	О	
William Winchester 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		P	С	С	
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

CARTAL PRINTING PROJECTS	COMPLETION				F	ISCAL	YEAR	S				NOTES
CAPITAL RENEWAL PROJECTS	DATE	17	18	19	20	21	22	23	24	25	26	NOTES
Roof Replacement Projects	•		•				•	•		•		•
Manches ter Elementary	Aug. 2016	C										
Westminster Elementary	Aug. 2016	C										
South Carroll High	Aug. 2016	C										
Westminster High	Aug. 2016	С										
Francis Scott Key High	Aug. 2017	P	C									
Friendship Valley Elementary	Aug. 2017	P	С									
Piney Ridge Elementary	Aug. 2017	P	С									
Carrolltowne Elementary	Aug. 2018		P	С								
Runnymede Elementary	Aug. 2018		P	С								
Robert Moton Elementary	Aug. 2019			P	С							
Elmer Wolfe Elementary	Aug. 2019			P	С							
East Middle	Aug. 2020				P	С						HVAC Project - 2018
Sandymount Elementary	Aug. 2020				P	С						HVAC Project - 2019
Linton Springs Elementary	Aug. 2021					P	С					
Spring Garden Elementary	Aug. 2021					P	С					HVAC Project - 2020
Cranberry Station Elementary	Aug. 2022						P	С				
Winfield Elementary	Aug. 2022						P	С				HVAC Project - 2021
Oklahoma Road Middle	Aug. 2023							P	С			HVAC Project - 2022
Century High	Aug. 2024								P	C		
Shiloh Middle	Aug. 2025									P	С	
North Carroll Middle	Aug. 2026										P	
HVAC Replacement Projects												
East Middle	Aug. 2019		P	С								Roof Project
Sandymount Elementary	Aug. 2020			P	С							Roof Project
Spring Garden Elementary	Aug. 2021				P	С						Roof Project
Winfield Elementary	Aug. 2022					P	С					Roof Project
Oklahoma Road Middle	Aug. 2023						P	С				Roof Project
Northwest Middle	Aug. 2024							P	С			
Carrolltowne Elementary	Aug. 2025								P	C		
Liberty High	Aug. 2026									P	C	
Carroll Springs School	Aug. 2027										P	

P = Planning

C= Construction

CARITAL DENEWAL PROJECTS	COMPLETION				F	ISCAL	YEAR	S	-		-	NOTEC
CAPITAL RENEWAL PROJECTS	DATE	17	18	19	20	21	22	23	24	25	26	NOTES
Electrical System Replacement/Upgrades												
Westminster High	Aug. 2019	FS	P	C								
East Middle	Aug. 2019		P	C								Coordinate with HVAC Project
Sykesville Middle	Aug. 2021				P	C						
Fire Alarm Replacement												
East Middle	Aug. 2019		P	C								Coordinate with HVAC Project
Window Replacement	•							-				•
South Carroll High	Aug. 2020			P	C							
East Middle	Aug. 2021				P	C						
Westminster High	Aug. 2022					P	С					
Paving Replacement	On-going	C	C	C	C	C	C	C	С	С	С	
Technology Improvements	On-going	C	C	C	C	C	C	C	С	С	С	

P = Planning C= Construction

INSTRUCTIONAL PROGRAM COMPLETION DATE						FISCAL	YEARS	5				
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			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						
Westminster High Science Room Renovations This project involves 6 original science rooms that have not been renovated.	Aug. 2019		P	C								
South Carroll High Science Room Renovations This project involves 2 original science rooms that have not been renovated.	Aug. 2020			P	С							
Liberty High Science Room Renovations This project involves 4 original science rooms that have not been renovated.	Aug. 2020			P	C							

P = Planning C = Construction

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2018 TO 2023

	2010	2010	Fiscal		2022	2022	Prior	Balance to	Total
PUBLIC SCHOOLS: New Construction, Additions, Modernizations	2018	2019	2020	2021	2022	2023	Allocation	Complete	Project Cost
Career and Technology Center High School Science Room Renovations	\$0 200,000	\$4,000,000 1,640,000	\$55,900,000 1,710,000	\$0 0	\$0 0	\$0 0	\$100,000 0	\$0 0	\$60,000,000 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 HVAC System Replacement - East Middle HVAC System Replacement - Sandymount Elementary	\$0 903,000 0	\$558,800 12,130,000 430,540	\$6,635,400 0 5,789,630	\$7,810,900 0 0	\$9,140,300 0 0	\$9,688,000 0 0	\$0 0 0	\$0 0 0	\$33,833,400 13,033,000 6,220,170
Paving Relocatable Classroom Removal Roof Repairs	575,000 0 170,000	625,000 175,000 0	675,000 0 180,000	725,000 185,000 0	775,000 0 190,000	825,000 195,000 0	0 325,000 0	0 0 0	4,200,000 880,000 540,000
Roof Replacement - Carrolltowne Elementary Roof Replacement - Elmer Wolfe Elementary Roof Replacement - Robert Moton Elementary	1,612,000 1,872,000 2,009,000	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	1,612,000 1,872,000 2,009,000
Roof Replacement - Runnymede Elementary Roof Replacements Technology Improvements	1,957,000 0 1,000,000	0 3,444,000 1,000,000	0 4,058,000 1,000,000	0 4,313,000 1,000,000	0 4,600,000 1,000,000	0 4,900,000 1,000,000	0 0 0	0 0 0	1,957,000 21,315,000 6,000,000
Transfer to Operating Budget for BOE Debt Service Westminster High Electrical Equipment Replacement	10,940,898 100,000	10,744,167 900,000	10,795,728 0	12,529,961 0	14,411,163 0	14,601,483 0	0 60,000	0	74,023,399 1,060,000
Other Projects Total	\$21,138,898	\$30,007,507	\$29,133,758	\$26,563,861	\$30,116,463	\$31,209,483	\$385,000	\$0	\$168,554,969
PUBLIC SCHOOLS TOTAL	\$21,338,898	\$35,647,507	\$86,743,758	\$26,563,861	\$30,116,463	\$31,209,483	\$485,000	\$0	\$232,104,969
SOURCES OF FUNDING:									
Local Income Tax Bonds State	\$12,885,898 4,600,250 3,852,750	\$12,544,167 13,717,540 9,385,800	\$12,650,728 35,914,392 38,178,638	\$14,439,961 6,223,177 5,900,723	\$16,376,163 7,069,959 6,670,341	\$16,621,483 7,501,140 7,086,860	\$485,000 0 0	\$0 0 0	\$86,003,399 75,026,458 71,075,112
PUBLIC SCHOOLS TOTAL	\$21,338,898	\$35,647,507	\$86,743,758	\$26,563,861	\$30,116,463	\$31,209,483	\$485,000	\$0	\$232,104,969

2610

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 includes expanding into other existing school space and/or renovating the existing Career and Technology Center.

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	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									
TOTA	L 200,000	1,640,000	1,710,000	0	0	0	0	0	3,550,000
TOTA	L 200,000	1,640,000	1,710,000	0	0	0	0	0	3,550,000
	L 200,000	1,640,000	1,710,000	0	0	0	0	0	3,550,000
	L 200,000	1,640,000	1,710,000	0	0	0	0	0	3,550,000
SOURCES OF FUNDS	200,000 200,000	1,640,000	1,710,000	0	0	0	0	0	
SOURCES OF FUNDS Transfer from General Fund	1	1,640,000 775,200	1,710,000 812,000	0	0	0	0	0	0
SOURCES OF FUNDS Transfer from General Fund Local Income Tax	1	, ,		0	0	0	0	0	200,000
SOURCES OF FUNDS Transfer from General Fund Local Income Tax Bonds	1	775,200	812,000	0	0	0	0	0	0 200,000 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

	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Prior Allocation	Balance to Complete	Total Project Cost
•								•	J
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									
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
					<u> </u>	<u> </u>		·	
PROJECTED OPERATING IMPACTS	0	0	0						

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 1975 HVAC system. A scope study, performed in 2014, recommended that the existing unit ventilator system be replaced with a 4-pipe 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.

	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Prior Allocation	Balance to Complete	Total Project 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									
	l .								
TOTAL	903,000	12,130,000	0	0	0	0	0	0	13,033,000
TOTAL	903,000	12,130,000	0	0	0	0	0	0	13,033,000
TOTAL SOURCES OF FUNDS	903,000	12,130,000	0	0	0	0	0	0	13,033,000
	903,000	12,130,000	0	0	0	0	0	0	13,033,000
SOURCES OF FUNDS	903,000	12,130,000	0	0	0	0	0	0	
SOURCES OF FUNDS Transfer from General Fund	903,000	12,130,000 5,921,000	0	0	0	0	0	0	0
SOURCES OF FUNDS Transfer from General Fund Local Income Tax			0	0	0	0	0	0	0
SOURCES OF FUNDS Transfer from General Fund Local Income Tax Bonds		5,921,000	0	0	0	0	0	0	0 0 6,824,000

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 1992 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.

	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Prior Allocation	Balance to Complete	Total 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
EXPENDITURES									
_									
TOTAL	0	430,540	5,789,630	0	0	0	0	0	6,220,170
	•								
SOURCES OF FUNDS									
Transfer from General Fund	<u></u>								0
Local Income Tax									0
Bonds		430,540	2,825,630						3,256,170
State			2,964,000						
· · · · · · · · · · · · · · · · · · ·									2,964,000
PROJECTED OPERATING									2,964,000

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									
TOTA	L 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
									U
Local Income Tax	575,000	625,000	675,000	725,000	775,000	825,000			4,200,000
Property Tax	575,000	625,000	675,000	725,000	775,000	825,000			_
	575,000	625,000	675,000	725,000	775,000	825,000			4,200,000
Property Tax		625,000	675,000	725,000	775,000	825,000			4,200,000

Relocatable Classroom Removal

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

9745

This project provides planned funding for the removal of relocatable classrooms where they are no longer needed. The Board of Education currently has an inventory of 36 relocatable classroom buildings. Planned funding will address demolition of approximately 75% 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
	0	175,000	0	185,000	0	195,000	325,000	0	880,000
TOTAL SOURCES OF FUNDS	0	175,000	0	185,000	0	195,000	325,000	0	880,000
	0	175,000	0	185,000	0	195,000	325,000	0	880,000
SOURCES OF FUNDS	0	175,000 175,000	0	185,000 185,000	0	195,000 195,000	325,000 325,000	0	
SOURCES OF FUNDS Transfer from General Fund	0		0		0	,	,	0	0
SOURCES OF FUNDS Transfer from General Fund Local Income Tax	0		0		0	,	,	0	0 880,000
SOURCES OF FUNDS Transfer from General Fund Local Income Tax Property Tax	0		0		0	,	,	0	0 880,000 0

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			

Proj #

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

							Prior	Balance to	Total
i	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Allocation	Complete	Project Cost
 		1				1	1	1	
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
•			<u>u</u>						
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Bonds	779,000								779,000
State	833,000								833,000
-	· · · · · · · · · · · · · · · · · · ·					•	•	•	· · · · · ·
PROJECTED OPERATING							Ī		
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.

Project is contingent on receiving State funding.

	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	1,872,000 903,000	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	903,000	0	0	0	0	0	0	0	0 0 903,000

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
	1110	111)	11 20	1121	1 1 22	11 23	Anocation	Complete	110ject Cost
Engineering/Design	134,000								134,000
Land Acquisition									0
Site Work									0
Construction	1,673,000								1,673,000
Equipment/Furnishings									0
Other	150,000								150,000
EXPENDITURES									
	_								
TOTAL	1,957,000	0	0	0	0	0	0	0	1,957,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Bonds	945,250								945,250
State	1,011,750								1,011,750
							_	·	
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

This project provides ongoing funding to replace roofs that are failing and no longer repairable. Roofs planned to start in the near term are budgeted as separate projects. Funding is planned 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

_	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									
-		1	· · · · · · · · · · · · · · · · · · ·	1	· · · · · · · · · · · · · · · · · · ·	1		1	
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 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.

	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Prior Allocation	Balance to Complete	Total Project Cost
•	1110	111)	1 1 20	1 1 21	1 1 22	1123	Anocation	Complete	110ject 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 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	6,000,000

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	10,744,167	10,795,728	12,529,961	14,411,163	14,601,483			74,023,399
EXPENDITURES									
TOTAL	10,940,898	10,744,167	10,795,728	12,529,961	14,411,163	14,601,483	0	0	74,023,399
TOTAL	10,940,898	10,744,167	10,795,728	12,529,961	14,411,163	14,601,483	0	0	74,023,399
TOTAL SOURCES OF FUNDS	10,940,898	10,744,167	10,795,728	12,529,961	14,411,163	14,601,483	0	0	74,023,399
	10,940,898	10,744,167	10,795,728	12,529,961	14,411,163	14,601,483	0	0	74,023,399
SOURCES OF FUNDS	10,940,898 10,940,898	10,744,167 10,744,167	10,795,728	12,529,961 12,529,961	14,411,163 14,411,163	14,601,483	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 74,023,399
SOURCES OF FUNDS Transfer from General Fund Local Income Tax Property Tax							0	0	0 74,023,399 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