

## 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 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 provided funding for three-quarters or more of the school CIP. In the current six-year plan, the County is providing 67% of funding.

The Commissioners are providing funding in FY 19 – 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 19 – 20 to renovate science rooms in three high schools to accommodate the growing technology components.

Even with the \$215.6 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 West Middle 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 19 – 24 CIP, but are alternatives under consideration.

Following this overview are copies of the Board of Education's Ten Year Facilities Master Plan Calendar and the FY 19 State Capital Improvement Plan Budget Request/FY 2020 –2024 Capital Improvement Program Plan. For additional information on Public School projects, please refer to the individual project pages.

## FY 2019 CAPITAL IMPROVEMENT PROGRAM BUDGET REQUEST

Priority			Prior Authorization/Allocation			Fiscal Year 2019 Funding Request				Total Request
State	Local		State	County	Total	State	Request For	County	Request For	
1	1		Sandymount ES HVAC Replacement		\$ 418	\$ 418	\$ 2,716	(SR)	\$ 1,999	
2	2	Westminster HS Electrical System Renovation		\$ 160	\$ 160	\$ 1,180	(SR)	\$ 820	(SR)	\$ 2,000
3	3	Liberty HS Science Room Renovations		\$ 50	\$ 50	\$ 813	(C)	\$ 724	(C)	\$ 1,537
4	4	South Carroll HS Science Room Renovations		\$ 50	\$ 50	\$ 465	(C)	\$ 417	(C)	\$ 882
5	5	Sandymount ES Roof Replacement				\$ 842	(SR)	\$ 660	(SR)	\$ 1,502
6	6	Linton Springs ES Roof Replacement				\$ 973	(SR)	\$ 763	(SR)	\$ 1,736
	7	Career & Technology Center Project		\$ 100	\$ 100			\$ 700	(P)	\$ 700
	8	Winfield ES HVAC Replacement						\$ 515	(P)	\$ 515
	9	South Carroll HS Window Replacement						\$ 150	(P)	\$ 150
	10	Taneytown ES Kindergarten Addition						\$ 115	(P)	\$ 115
	11	Cranberry Station ES Kindergarten Addition						\$ 92	(P)	\$ 92
	12	Security Improvements						\$ 630	(C)	\$ 630
	13	Technology Improvements						\$ 800	(C)	\$ 800
	14	Paving						\$ 865	(C)	\$ 865
	15	Relocatable Classroom Movement						\$ 175	(C)	\$ 175
	16	Barrier Free Modifications						\$ 50	(C)	\$ 50
			\$ -	\$ 778	\$ 778	\$ 6,989		\$ 9,475		\$ 16,464

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 2020-2024 CAPITAL IMPROVEMENT PROGRAM PLAN

(\$ ,000 omitted)

Project Title	FY2020		FY2021		FY2022		FY2023		FY2024		Total
	State	Local	State	Local	State	Local	State	Local	State	Local	
<b>Modernizations</b>											
CCCTC Project	\$ 4,700	\$ 4,264		\$ 3,300	\$ 27,692	\$ 19,244					\$ 59,200
Westminster K-8 School		\$ 100									\$ 100
Westminster West MS Modernization						\$ 70				\$ 4,651	\$ 4,721
<b>Roof Replacements</b>											
Cranberry Station ES - Roof Replacement	\$ 851	\$ 667									\$ 1,518
Winfield ES - Roof Replacement			\$ 1,095	\$ 859							\$ 1,954
Spring Garden ES - Roof Replacement					\$ 911	\$ 717					\$ 1,628
Oklahoma Road MS - Roof Replacement							\$ 1,831	\$ 1,436			\$ 3,267
Century HS - Roof Replacement									\$ 2,359	\$ 1,852	\$ 4,211
											\$ -
<b>HVAC-Replacements</b>											
Winfield ES - System Replacement	\$ 3,892	\$ 2,866									\$ 6,758
Spring Garden ES - System Replacement		\$ 439	\$ 3,321	\$ 2,444							\$ 6,204
Oklahoma Road MS - System Replacement				\$ 659	\$ 4,984	\$ 3,668					\$ 9,311
Northwest MS - System Replacement						\$ 589	\$ 4,456	\$ 3,279			\$ 8,324
Carrolltowne ES - System Replacement								\$ 685	\$ 5,179	\$ 3,814	\$ 9,678
Liberty HS - System Replacement										\$ 1,373	\$ 1,373
<b>Kindergarten Additions</b>											
Taneytown ES Kindergarten Addition	\$ 981	\$ 868									\$ 1,849
Cranberry Station ES Kindergarten Addition	\$ 783	\$ 690									\$ 1,473
Friendship Valley ES Kindergarten Addition		\$ 190	\$ 1,612	\$ 1,330							\$ 3,132
Sandymount ES Kindergarten Addition		\$ 95	\$ 807	\$ 664							\$ 1,566
<b>Science Room Renovation</b>											
Westminster High	\$ 1,664	\$ 1,482									\$ 3,146
<b>Annual Requests</b>											
Security Improvements		\$ 660		\$ 690		\$ 725		\$ 760		\$ 800	\$ 3,635
Technology Improvements		\$ 825		\$ 1,730		\$ 875		\$ 500		\$ 900	\$ 4,830
Paving		\$ 865		\$ 1,085		\$ 850		\$ 1,100		\$ 1,000	\$ 4,900
Roofing Improvements		\$ 180				\$ 190				\$ 200	\$ 570
Relocatable Classroom Movement				\$ 185				\$ 195			\$ 380
Barrier Free Modifications		\$ 50		\$ 50		\$ 50		\$ 50		\$ 50	\$ 250
<b>Electrical Service Upgrades</b>											
Sykesville Middle Electrical Equipment Replacement		\$ 75	\$ 443	\$ 307							\$ 825
<b>Window Replacements</b>											
South Carroll High Window Replacement	\$ 885	\$ 615									\$ 1,500
Westminster High Window Replacement				\$ 150	\$ 885	\$ 615					\$ 1,650
	\$ 13,756	\$ 14,931	\$ 7,278	\$ 13,453	\$ 34,472	\$ 27,593	\$ 6,287	\$ 8,005	\$ 7,538	\$ 14,640	\$ 147,953

# CARROLL COUNTY PUBLIC SCHOOLS TEN YEAR FACILITIES MASTER PLAN CALENDAR

MODERNIZATIONS	COMPLETION DATE											NOTES
		18	19	20	21	22	23	24	25	26	27	
<p><b>Career &amp; Technology Center Modernization</b> This project involves renovations and additions to the current Career &amp; Technology Center to meet the needs of the current programs being offered. 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.</p>	Aug. 2021		P	C	C	O						
<p><b>East Middle Modernization</b> East Middle has the lowest score from the Combined Physical and Functional Assessment. Several Building Systems are approaching the point of failure.</p>	Aug. 2024		FS		P	C	C	O				
<p><b>West Middle Modernization</b> Due to the fact that William Winchester Elementary and West Middle share the same site, the modernizations of these facilities should be planned jointly.</p>	Aug. 2025					FS		P	C	C	O	
<p><b>William Winchester Elementary Modernization</b> Due to the fact that William Winchester Elementary and West Middle share the same site, the modernizations of these facilities should be planned jointly.</p>	Aug. 2026					FS		P	C	C	O	
<p><b>Westminster High Modernization</b> 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.</p>	TBD									FS		

FS = Feasibility Study  
P = Planning  
C= Construction

# CARROLL COUNTY PUBLIC SCHOOLS TEN YEAR FACILITIES MASTER PLAN CALENDAR

CAPITAL RENEWAL PROJECTS	COMPLETION DATE											NOTES
		18	19	20	21	22	23	24	25	26	27	
<b>Roof Replacement Projects</b>												
South Carroll High	Aug. 2017	C										
Westminster High	Aug. 2017	C										
Francis Scott Key High	Aug. 2017	C										
Friendship Valley Elementary	Aug. 2017	C										
Piney Ridge Elementary	Aug. 2017	C										
Carrolltowne Elementary	Aug. 2018	P	C									
Runnymede Elementary	Aug. 2018	P	C									
Robert Moton Elementary	Aug. 2018	P	C									
Elmer Wolfe Elementary	Aug. 2018	P	C									
Sandymount Elementary	Aug. 2019		P	C								HVAC Project - 2019
Linton Springs Elementary	Aug. 2019		P	C								
East Middle	Aug. 2020			P	C							HVAC Project - 2020
Cranberry Station Elementary	Aug. 2020			P	C							
Winfield Elementary	Aug. 2021				P	C						HVAC Project - 2021
Spring Garden Elementary	Aug. 2022					P	C					HVAC Project - 2022
Oklahoma Road Middle	Aug. 2023						P	C				HVAC Project - 2023
Century High	Aug. 2024							P	C			
Shiloh Middle	Aug. 2025								P	C		
Gateway	Aug. 2026									P	C	
North Carroll Middle	Aug. 2026									P	C	
<b>HVAC Replacement Projects</b>												
Sandymount Elementary	Aug. 2019	P	C									Roof Project
East Middle	Aug. 2020		P	C								Roof Project
Winfield Elementary	Aug. 2021			P	C							Roof Project
Spring Garden Elementary	Aug. 2022				P	C						Roof Project
Oklahoma Road Middle	Aug. 2023					P	C					Roof Project
Northwest Middle	Aug. 2024						P	C				
Carrolltowne Elementary	Aug. 2025							P	C			
Liberty High	Aug. 2026								P	C		
Carroll Springs School	Aug. 2027									P	C	
Mt. Airy Elementary	Aug. 2028										P	

P = Planning  
C = Construction

# CARROLL COUNTY PUBLIC SCHOOLS TEN YEAR FACILITIES MASTER PLAN CALENDAR

CAPITAL RENEWAL PROJECTS	COMPLETION DATE											NOTES
		18	19	20	21	22	23	24	25	26	27	
<b>Electrical System Replacement/Upgrades</b>												
Westminster High	Aug. 2019	P	C									
East Middle	Aug. 2019	P	C									Coordinate with HVAC Project
Sykesville Middle	Aug. 2021			P	C							
<b>Fire Alarm Replacement</b>												
East Middle	Aug. 2019	P	C									Coordinate with HVAC Project
<b>Window Replacement</b>												
South Carroll High	Aug. 2020		P	C								
East Middle	Aug. 2021			P	C							
Westminster High	Aug. 2022				P	C						
<b>Paving Replacement</b>	On-going	C	C	C	C	C	C	C	C	C	C	C
<b>Technology Improvements</b>	On-going	C	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
		18	19	20	21	22	23	24	25	26	
<b>Taneytown Kindergarten Addition</b> This addition is needed to accommodate full day Kindergarten	Aug. 2020		P	C							
<b>Cranberry Station Kindergarten Addition</b> This addition is needed to accommodate full day Kindergarten	Aug. 2020		P	C							
<b>Friendship Valley Kindergarten Addition</b> This addition is needed to accommodate full day Kindergarten	Aug. 2021			P	C						
<b>Sandymount Kindergarten Addition</b> This addition is needed to accommodate full day Kindergarten	Aug. 2021			P	C						
<b>South Carroll High Science Room Renovations</b> This project involves 2 original science rooms that have not been renovated.	Aug. 2019	P	C								
<b>Liberty High Science Room Renovations</b> This project involves 4 original science rooms that have not been renovated.	Aug. 2019	P	C								
<b>Westminster High Science Room Renovations</b> This project involves 6 original science rooms that have not been renovated.	Aug. 2020		P	C							

P = Planning  
C = Construction

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2019 TO 2024

	2019	2020	2021	2022	2023	2024	Prior Allocation	Balance To Complete	Total Project Cost
<b>PUBLIC SCHOOLS:</b>									
Career and Technology Center	\$10,471,194	\$0	\$2,492,806	\$47,036,000	\$0	\$0	\$100,000	\$0	\$60,100,000
High School Science Room Renovations	2,419,000	3,146,000	0	0	0	0	200,000	0	5,765,000
Electrical Equipment Replacement - Westminster High	2,000,000	0	0	0	0	0	160,000	0	2,160,000
HVAC Improvements and Replacements	0	439,000	6,424,000	9,241,000	8,420,000	10,366,000	0	0	34,890,000
HVAC System Replacement - Sandymount Elementary	4,715,000	0	0	0	0	0	418,000	0	5,133,000
HVAC System Replacement - Winfield Elementary	515,000	6,758,000	0	0	0	0	0	0	7,273,000
Infrastructure Renewal	2,164,337	0	0	0	0	0	0	0	2,164,337
Paving	625,000	855,000	725,000	965,000	825,000	875,000	0	0	4,870,000
Relocatable Classroom Removal	175,000	0	185,000	0	195,000	0	325,000	0	880,000
Roof Repairs	0	0	0	0	0	200,000	0	0	200,000
Roof Replacement - Carrolltowne Elementary	615,000	0	0	0	0	0	1,612,000	0	2,227,000
Roof Replacement - Elmer Wolfe Elementary	290,000	0	0	0	0	0	0	1,872,000	2,162,000
Roof Replacement - Linton Springs Elementary	1,736,000	0	0	0	0	0	0	0	1,736,000
Roof Replacement - Robert Moton Elementary	140,000	0	0	0	0	0	2,009,000	0	2,149,000
Roof Replacement - Sandymount Elementary	1,564,158	0	0	0	0	0	0	0	1,564,158
Roof Replacements	0	1,518,000	1,954,000	1,628,000	3,267,000	4,211,000	0	0	12,578,000
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	10,355,690	10,276,000	10,753,880	10,894,920	11,653,970	13,009,640	0	0	66,944,100
Window Replacement - South Carroll High	0	155,000	1,575,000	0	0	0	0	0	1,730,000
Window Replacement - Westminster High	0	155,000	1,575,000	0	0	0	0	0	1,730,000
<b>PUBLIC SCHOOLS TOTAL</b>	<b>\$38,785,379</b>	<b>\$24,302,000</b>	<b>\$26,684,686</b>	<b>\$70,764,920</b>	<b>\$25,360,970</b>	<b>\$29,661,640</b>	<b>\$4,824,000</b>	<b>\$1,872,000</b>	<b>\$222,255,595</b>
<b>SOURCES OF FUNDING:</b>									
Reallocated GF Transfer	\$26,968	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$26,968
Local Income Tax	12,155,690	12,131,000	12,663,880	12,859,920	13,673,970	15,084,640	685,000	0	79,254,100
Reallocated Local Income Tax	265,668	0	0	0	0	0	0	0	265,668
Reallocated Property Tax	1,871,701	0	0	0	0	0	0	0	1,871,701
Bonds	5,898,000	5,719,000	7,219,306	21,492,000	4,791,000	5,977,000	2,267,000	903,000	54,266,306
Reallocated Bonds	11,516,194	0	0	0	0	0	0	0	11,516,194
Bond Interest	62,158	0	0	0	0	0	0	0	62,158
State School Construction	6,989,000	6,452,000	6,801,500	36,413,000	6,896,000	8,600,000	1,872,000	969,000	74,992,500
<b>PUBLIC SCHOOLS TOTAL</b>	<b>\$38,785,379</b>	<b>\$24,302,000</b>	<b>\$26,684,686</b>	<b>\$70,764,920</b>	<b>\$25,360,970</b>	<b>\$29,661,640</b>	<b>\$4,824,000</b>	<b>\$1,872,000</b>	<b>\$222,255,595</b>



# Career and Technology Center

District Location: 3

Heidi K. Pepin, Management and Budget Project Coordinator (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 first phase includes 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 existing wait list for several programs. The second phase in FY 21 - 22 renovates the existing building to better accommodate existing programs.

*Project is contingent on receiving State funding.*

*Operating impacts will be determined as the project develops.*

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	1,507,194		2,492,806				100,000		4,100,000
Land Acquisition									0
Site Work	1,241,000								1,241,000
Construction	6,531,000			47,036,000					53,567,000
Equipment/Furnishings	653,000								653,000
Other	539,000								539,000
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>10,471,194</b>	<b>0</b>	<b>2,492,806</b>	<b>47,036,000</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>60,100,000</b>
--------------	-------------------	----------	------------------	-------------------	----------	----------	----------------	----------	-------------------

<b>SOURCES OF FUNDS</b>									
Local Income Tax							100,000		100,000
Bonds			2,492,806	17,036,000					19,528,806
Reallocated Bonds	10,471,194								10,471,194
State School Construction				30,000,000					30,000,000

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0	0			
------------------------------------	---	---	---	---	---	---	--	--	--

# High School Science Room Renovations

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

8710

This project provides funding for the renovation of aging science classrooms to accommodate the Carroll County Public Schools' technology component into these 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:

South Carroll High (4 classrooms)

Liberty High (4 classrooms)

Westminster High (6 classrooms)

*Project is contingent on receiving State funding.*

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design							200,000		200,000
Land Acquisition									0
Site Work									0
Construction	2,114,000	2,750,000							4,864,000
Equipment/Furnishings	170,000	220,000							390,000
Other	135,000	176,000							311,000
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>2,419,000</b>	<b>3,146,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>0</b>	<b>5,765,000</b>
--------------	------------------	------------------	----------	----------	----------	----------	----------------	----------	------------------

<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									0
Local Income Tax							200,000		200,000
Bonds	1,141,000	1,482,000							2,623,000
State School Construction	1,278,000	1,664,000							2,942,000

<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0	0	0	0

# Electrical Equipment Replacement - Westminster High

District Location: 3

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

8623

This project provides funding for the replacement of aging electrical equipment showing signs of failure. The scope includes replacement of 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.

*Project is contingent on receiving State funding.*

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design							160,000		160,000
Land Acquisition									0
Site Work									0
Construction	2,000,000								2,000,000
Equipment/Furnishings									0
Other									0
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>160,000</b>	<b>0</b>	<b>2,160,000</b>
--------------	------------------	----------	----------	----------	----------	----------	----------------	----------	------------------

<b>SOURCES OF FUNDS</b>									
Local Income Tax							60,000		60,000
Bonds	820,000						100,000		920,000
Reallocated Bonds									0
State School Construction	1,180,000								1,180,000

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0	0			
------------------------------------	---	---	---	---	---	---	--	--	--

# HVAC Improvements and Replacements

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

9974

This project provides planned 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 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
- Oklahoma Road Middle
- Northwest Middle
- Carrolltowne Elementary
- Liberty High

*Project is contingent on receiving State funding.*

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design		439,000	659,000	589,000	685,000	1,373,000			3,745,000
Land Acquisition									0
Site Work									0
Construction			5,491,000	8,240,000	7,367,000	8,565,000			29,663,000
Equipment/Furnishings									0
Other			274,000	412,000	368,000	428,000			1,482,000
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>0</b>	<b>439,000</b>	<b>6,424,000</b>	<b>9,241,000</b>	<b>8,420,000</b>	<b>10,366,000</b>	<b>0</b>	<b>0</b>	<b>34,890,000</b>
--------------	----------	----------------	------------------	------------------	------------------	-------------------	----------	----------	-------------------

<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									0
Reallocated GF Transfer									0
Bonds		439,000	2,634,000	3,789,000	3,452,000	4,250,000			14,564,000
State School Construction			3,790,000	5,452,000	4,968,000	6,116,000			20,326,000

<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0			0

# HVAC System Replacement - Sandymount Elementary

District Location: 2

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

8711

This project provides funding for replacement of the existing 1992 rooftop air handler units and terminal control units, heating and cooling plants, 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 receiving State funding.*

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design							418,000		<b>418,000</b>
Land Acquisition									<b>0</b>
Site Work									<b>0</b>
Construction	4,491,000								<b>4,491,000</b>
Equipment/Furnishings									<b>0</b>
Other	224,000								<b>224,000</b>
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>4,715,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>418,000</b>	<b>0</b>	<b>5,133,000</b>
--------------	------------------	----------	----------	----------	----------	----------	----------------	----------	------------------

<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									<b>0</b>
Local Income Tax									<b>0</b>
Bonds	1,999,000						418,000		<b>2,417,000</b>
State School Construction	2,716,000								<b>2,716,000</b>

<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0			0

# HVAC System Replacement - Winfield Elementary

District Location: 4

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

Proj #

This project provides funding for replacement of existing classroom unit ventilators, heating and cooling plants, and associated piping and pumps located in the mechanical room. The existing pneumatic control system will be replaced and upgraded to be electric/electronic actuation, direct digitally controlled, and interlocked to the County Energy Management System.

*Project is contingent on receiving State funding.*

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	515,000								515,000
Land Acquisition									0
Site Work									0
Construction		6,436,000							6,436,000
Equipment/Furnishings									0
Other		322,000							322,000
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>515,000</b>	<b>6,758,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,273,000</b>
--------------	----------------	------------------	----------	----------	----------	----------	----------	----------	------------------

<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									0
Reallocated GF Transfer									0
Bonds	515,000	2,866,000							3,381,000
State School Construction		3,892,000							3,892,000

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0	0			
------------------------------------	---	---	---	---	---	---	--	--	--

# Infrastructure Renewal

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

Proj #

This project provides funding for infrastructure renewal at various Board of Education sites. The scope of the project will be determined as the project is fully developed.

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other	2,164,337								2,164,337
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>2,164,337</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,164,337</b>
--------------	------------------	----------	----------	----------	----------	----------	----------	----------	------------------

<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									0
Reallocated GF Transfer	26,968								26,968
Reallocated Local Income Tax	265,668								265,668
Reallocated Property Tax	1,871,701								1,871,701

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0	0			
------------------------------------	---	---	---	---	---	---	--	--	--

# Paving

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

9748

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)
- Robert Moton Elementary (entire site)
- Westminster Elementary (entire site)
- Mechanicsville Elementary (entire site)
- Mt. Airy Elementary (entire site)
- Shiloh Middle (entire site)

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	625,000	855,000	725,000	965,000	825,000	875,000			4,870,000
Equipment/Furnishings									0
Other									0
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>625,000</b>	<b>855,000</b>	<b>725,000</b>	<b>965,000</b>	<b>825,000</b>	<b>875,000</b>	<b>0</b>	<b>0</b>	<b>4,870,000</b>
--------------	----------------	----------------	----------------	----------------	----------------	----------------	----------	----------	------------------

<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									0
Reallocated GF Transfer									0
Local Income Tax	625,000	855,000	725,000	965,000	825,000	875,000			4,870,000
Reallocated Local Income Tax									0

<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0			0



# Relocatable Classroom Removal

Heidi K. Pepin, Management and Budget Project Coordinator (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 relocatables for removal. The Board of Education currently has an inventory of 31 relocatable classroom buildings. Planned funding would reduce the current relocatable inventory by almost 50%.

*Projected operating impacts include a reduction of utilities and maintenance.*

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	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
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>175,000</b>	<b>0</b>	<b>185,000</b>	<b>0</b>	<b>195,000</b>	<b>0</b>	<b>325,000</b>	<b>0</b>	<b>880,000</b>
--------------	----------------	----------	----------------	----------	----------------	----------	----------------	----------	----------------

<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									0
Reallocated GF Transfer									0
Local Income Tax	175,000		185,000		195,000		325,000		880,000
Reallocated Local Income Tax									0

<b>PROJECTED OPERATING IMPACTS</b>									
	(150,000)	(150,000)	(310,000)	(310,000)	(480,000)	(480,000)			

# Roof Repairs

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

9746

This project provides planned 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 19	FY 20	FY 21	FY 22	FY 23	FY 24	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
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>200,000</b>
--------------	----------	----------	----------	----------	----------	----------------	----------	----------	----------------

<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									0
Reallocated GF Transfer									0
Local Income Tax						200,000			200,000
Reallocated Local Income Tax									0

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0	0			
------------------------------------	---	---	---	---	---	---	--	--	--

# Roof Replacement - Carrolltowne Elementary

District Location: 5

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

8712

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

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design							110,000		<b>110,000</b>
Land Acquisition									<b>0</b>
Site Work									<b>0</b>
Construction	615,000						1,378,000		<b>1,993,000</b>
Equipment/Furnishings									<b>0</b>
Other							124,000		<b>124,000</b>
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>615,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,612,000</b>	<b>0</b>	<b>2,227,000</b>
--------------	----------------	----------	----------	----------	----------	----------	------------------	----------	------------------

<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									<b>0</b>
Bonds							779,000		<b>779,000</b>
Reallocated Bonds	615,000								<b>615,000</b>
State School Construction							833,000		<b>833,000</b>

<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			
------------------------------------	----------	----------	----------	----------	----------	----------	--	--	--

# Roof Replacement - Elmer Wolfe Elementary

District Location: 1

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

8713

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

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design							128,000		<b>128,000</b>
Land Acquisition									<b>0</b>
Site Work									<b>0</b>
Construction	290,000						1,600,000		<b>1,890,000</b>
Equipment/Furnishings									<b>0</b>
Other							144,000		<b>144,000</b>
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>290,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,872,000</b>	<b>0</b>	<b>2,162,000</b>
--------------	----------------	----------	----------	----------	----------	----------	------------------	----------	------------------

<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									<b>0</b>
Bonds							903,000		<b>903,000</b>
Reallocated Bonds	290,000								<b>290,000</b>
State School Construction							969,000		<b>969,000</b>

<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			
------------------------------------	----------	----------	----------	----------	----------	----------	--	--	--

# Roof Replacement - Linton Springs Elementary

District Location: 4

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

Proj #

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 receiving State funding.*

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	64,000								64,000
Land Acquisition									0
Site Work									0
Construction	1,608,000								1,608,000
Equipment/Furnishings									0
Other	64,000								64,000
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>1,736,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,736,000</b>
--------------	------------------	----------	----------	----------	----------	----------	----------	----------	------------------

<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									0
Bonds	763,000								763,000
Bond Interest									0
State School Construction	973,000								973,000

<b>PROJECTED OPERATING IMPACTS</b>	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

8714

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

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design							137,000		<b>137,000</b>
Land Acquisition									<b>0</b>
Site Work									<b>0</b>
Construction	140,000						1,718,000		<b>1,858,000</b>
Equipment/Furnishings									<b>0</b>
Other							154,000		<b>154,000</b>
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>140,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,009,000</b>	<b>0</b>	<b>2,149,000</b>
--------------	----------------	----------	----------	----------	----------	----------	------------------	----------	------------------

<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									<b>0</b>
Bonds							970,000		<b>970,000</b>
Reallocated Bonds	140,000								<b>140,000</b>
State School Construction							1,039,000		<b>1,039,000</b>

<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			
------------------------------------	----------	----------	----------	----------	----------	----------	--	--	--

# Roof Replacement - Sandymount Elementary

District Location: 2

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

Proj #

This project provides funding for replacement of 63,232 square feet of roofing, associated tapered insulation system, roof drains, and flashings.

*Project is contingent on receiving State funding.*

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	56,000								56,000
Land Acquisition									0
Site Work									0
Construction	1,453,158								1,453,158
Equipment/Furnishings									0
Other	55,000								55,000
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>1,564,158</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,564,158</b>
--------------	------------------	----------	----------	----------	----------	----------	----------	----------	------------------

<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									0
Bonds	660,000								660,000
Bond Interest	62,158								62,158
State School Construction	842,000								842,000

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0	0			
------------------------------------	---	---	---	---	---	---	--	--	--

# Roof Replacements

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

8379

This project provides ongoing funding to replace roofs that are failing and no longer repairable. Roof replacements 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:

- Cranberry Station Elementary
- Winfield Elementary
- Spring Garden Elementary
- Oklahoma Road Middle
- Century High

*Project is contingent on receiving State funding.*

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design		56,000	72,000	60,000	121,000	156,000			<b>465,000</b>
Land Acquisition									<b>0</b>
Site Work									<b>0</b>
Construction		1,406,000	1,810,000	1,508,000	3,026,000	3,900,000			<b>11,650,000</b>
Equipment/Furnishings									<b>0</b>
Other		56,000	72,000	60,000	120,000	155,000			<b>463,000</b>
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>0</b>	<b>1,518,000</b>	<b>1,954,000</b>	<b>1,628,000</b>	<b>3,267,000</b>	<b>4,211,000</b>	<b>0</b>	<b>0</b>	<b>12,578,000</b>
--------------	----------	------------------	------------------	------------------	------------------	------------------	----------	----------	-------------------

<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									<b>0</b>
Reallocated GF Transfer									<b>0</b>
Bonds		622,000	801,000	667,000	1,339,000	1,727,000			<b>5,156,000</b>
State School Construction		896,000	1,153,000	961,000	1,928,000	2,484,000			<b>7,422,000</b>

<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0			0



# Technology Improvements

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

9792

This project provides ongoing funding for technology improvements. The 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 19	FY 20	FY 21	FY 22	FY 23	FY 24	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
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>6,000,000</b>
--------------	------------------	------------------	------------------	------------------	------------------	------------------	----------	----------	------------------

<b>SOURCES OF FUNDS</b>									
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
Reallocated Local Income Tax									0

<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0			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. This project is for the portion of these dedicated funds 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 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other	10,355,690	10,276,000	10,753,880	10,894,920	11,653,970	13,009,640			66,944,100
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>10,355,690</b>	<b>10,276,000</b>	<b>10,753,880</b>	<b>10,894,920</b>	<b>11,653,970</b>	<b>13,009,640</b>	<b>0</b>	<b>0</b>	<b>66,944,100</b>
--------------	-------------------	-------------------	-------------------	-------------------	-------------------	-------------------	----------	----------	-------------------

<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									0
Reallocated GF Transfer									0
Local Income Tax	10,355,690	10,276,000	10,753,880	10,894,920	11,653,970	13,009,640			66,944,100
Reallocated Local Income Tax									0

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0	0			0
------------------------------------	---	---	---	---	---	---	--	--	---

# Window Replacement - South Carroll High

District Location: 4

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

Proj #

This project provides planned funding for replacement of the window wall system installed during the original construction of South Carroll High. Replacement with modern energy-efficient windows is necessary to protect building components and contents, and preserve the learning environment.

*Project is contingent on receiving State funding.*

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	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
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>0</b>	<b>155,000</b>	<b>1,575,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,730,000</b>
--------------	----------	----------------	------------------	----------	----------	----------	----------	----------	------------------

<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									0
Reallocated GF Transfer									0
Bonds		155,000	645,750						800,750
State School Construction			929,250						929,250

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0	0			
------------------------------------	---	---	---	---	---	---	--	--	--

# Window Replacement - Westminster High

District Location: 3

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

Proj #

This project provides planned funding for replacement of the window wall system installed during the original construction of Westminster High. Replacement with modern energy-efficient windows is necessary to protect building components and contents, and preserve the learning environment.

*Project is contingent on receiving State funding.*

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	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
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>0</b>	<b>155,000</b>	<b>1,575,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,730,000</b>
--------------	----------	----------------	------------------	----------	----------	----------	----------	----------	------------------

<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									0
Reallocated GF Transfer									0
Bonds		155,000	645,750						800,750
State School Construction			929,250						929,250

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0	0			
------------------------------------	---	---	---	---	---	---	--	--	--