



School Board's
Proposed
Capital
Improvement
Plan
2017-2027

Chesapeake
Public Schools
November 14, 2016

MAJOR COMPONENTS OF THE 2017-2022 PLAN

Planning Areas

Crestwood Middle & Greenbrier Middle Schools Planning Area

- Construct an addition to Oscar Smith High School.
- Construct an addition to B.M. Williams Primary School.
- Design and construct a modernization of Crestwood Middle School to include the construction of specialized instructional spaces.
- Design and construct a modernization of Crestwood Intermediate School.

Deep Creek Middle & Deep Creek High Schools Planning Area

- Design and begin to construct a modernization of Deep Creek High School.

Great Bridge Middle & Great Bridge High Schools Planning Area

- Complete the design and construct the replacement for Great Bridge Primary School.

Hickory Middle & Hickory High Schools Planning Area

- Design and construct an addition to Hickory Middle School.

Hugo A. Owens Middle & Grassfield High Schools Planning Area

- Design and begin to construct a modernization of Deep Creek Central Elementary School.

Indian River Middle & Indian River High Schools Planning Area

- Design and construct a modernization of and addition to Indian River Middle School.

Oscar Smith Middle & Oscar Smith High Schools Planning Area

- Construct an addition to Oscar Smith High School.
- Design and construct a modernization of Carver Intermediate School.
- Design a modernization of Rena B. Wright Primary School.

Western Branch Middle/Jolliff Middle & Western Branch High Schools Planning Area

- Design and begin to construct a modernization of Western Branch Middle School.
- Design and construct a modernization of and addition to Chittum Elementary School.

Technology Upgrade Initiative

- Upgrade technology infrastructure at Deep Creek High, Great Bridge High, Oscar Smith High, and Hickory High schools.

Major Mechanical and Maintenance Projects

- Replace heating, ventilation, and air-conditioning (HVAC) systems at twenty-five facilities.
- Replace roofs at twenty facilities.
- Replace cooling towers at three facilities.
- Repave vehicular surfaces at five schools and repave tracks at three schools.

Other Capital Projects

- Addition and renovations at the Nutrition Services warehouse.
- Improve the running track and associated drainage at Crestwood Middle School.
- Design and construct a stadium at Great Bridge High School.
- Design and construct stadium modifications/repairs at Great Bridge Middle School.
- Design and construct stadium renovations at Deep Creek Middle School.
- Replace stadium lighting at Western Branch High School.
- Construct a storage/maintenance facility for school buses and white fleet.



Summary of the School Board's Proposed Capital Improvement Plan: 2017-2022

The proposed capital projects for each year of the first five-year period are outlined below.

(COST ESTIMATES INCLUDE A 4% INFLATION FACTOR PER YEAR)

YEAR 1 2017-2018	
MAJOR MECHANICAL & MAINTENANCE	ESTIMATED COST
HVAC: WBP (partial)	\$1,294,900
HVAC: GRP (partial)	\$1,294,900
Roof: BMW	\$2,244,100
HVAC: POR (partial)	\$268,300
HVAC: DCE	\$1,765,100
Repaving: DCH	\$1,059,200
Repaving: CWM	\$1,087,700
Roof: SEE	\$2,339,100
HVAC: HOM (partial)	\$1,728,300
HVAC: HMS (partial)	\$1,728,300
HVAC: BRI (partial)	\$958,500
HVAC: GRI (partial)	\$958,500
HVAC: GBI (partial)	\$958,500
HVAC: CAM (partial)	\$2,452,100
Roof: CAM	\$2,479,500
Roof: GBI	\$2,500,000
HVAC: BRP (partial)	\$1,765,100
HVAC: GTP (partial)	\$2,681,100
Roof: BRI	\$2,500,000
HVAC: JMS (partial)	\$1,791,700
HVAC: GRM (partial)	\$1,791,700
Roof: GRI	\$2,500,000
Track Repaving: WBH stadium	\$988,700
Track Repaving*: DCM stadium	\$988,700
Track Repaving: GBM stadium	\$988,700
Roof: TES	\$2,471,700
Repaving: HMS (bus loop)	\$446,500
Repaving: GBH	\$1,059,200
<i>* The separately listed Deep Creek Middle School stadium renovation project also includes track resurfacing and drainage work. The timing and need for the above track repaving project may be adjusted depending on the funding and timing of the larger stadium renovation project.</i>	
TECHNOLOGY UPGRADES	
Technology Upgrade/Design: DCH	\$207,800
Technology Upgrade/Design: GBH	\$245,700
Technology Upgrade/Design: OSH	\$245,700
Technology Upgrade/Design: HHS	\$245,700
OTHER PROJECTS	
Track Improvements: CWM	\$675,000
Storage/Maintenance Facility:	\$6,500,000
School bus and white fleet	
MODERNIZATIONS/ADDITIONS/NEW SCHOOLS	
Replacement/Design & Construct: GBPIn Design/Under Construction	
Modernization & Addition/Design: IRM	\$4,167,400
Modernization/Design: CWM	\$3,230,800
Modernization/Design: CWI	\$2,568,800
Modernization & Addition/Design: CHT	\$2,126,800
Building Addition/Construct: OSH	\$6,068,500
Building Addition/Construct: BMW	\$4,816,700
Building Addition/Design: HMS	\$588,300
YEAR 1 TOTAL	\$76,777,300

YEAR 2 2018-2019

MAJOR MECHANICAL & MAINTENANCE	ESTIMATED COST
HVAC: SAB	\$3,058,700
HVAC: EWC	\$3,302,400
HVAC: NHP (partial)	\$1,586,500
HVAC: SRI (partial)	\$2,073,900
Roof: TME	\$2,837,300
Roof: DCE (partial)	\$1,133,100
TECHNOLOGY UPGRADES	
Technology Upgrade/Construct: DCH	\$3,249,700
Technology Upgrade/Construct: GBH	\$3,845,300
Technology Upgrade/Construct: OSH	\$3,845,300
Technology Upgrade/Construct: HHS	\$3,845,300
OTHER PROJECTS	
Stadium Renovation*/Design & Construct: DCM	\$4,600,000
New Stadium/Design & Construct: GBH	\$9,200,000
Stadium Modifications & Repairs/Design & Construct: GBM	\$398,000
<i>* This cost includes track repaving.</i>	
MODERNIZATIONS/ADDITIONS/NEW SCHOOLS	
Modernization/Design: CAR	\$2,192,200
Modernization/Design: WBM	\$4,240,400
Modernization/Construct: CWI	\$22,127,000
Modernization & Addition/Construct: CHT	\$21,567,500
Building Addition: OSH	OPEN
Building Addition: BMW	OPEN
Building Addition/Construct: HMS	\$5,247,800
YEAR 2 TOTAL	\$98,350,400

YEAR 3 2019-2020

MAJOR MECHANICAL & MAINTENANCE	ESTIMATED COST
HVAC: HES (partial)	\$2,027,300
HVAC: TME	\$3,539,500
HVAC: HHS (partial)	\$2,450,900
HVAC: TIS (partial)	\$2,021,700
Roof: HES	\$1,741,600
Roof: HHS (partial)	\$2,812,500
Repaving: GRP	\$662,700
OTHER PROJECTS	
Addition and Renovation: Nutrition Services Warehouse	\$5,201,000
Stadium Lighting Replacement: WBH	\$375,900
MODERNIZATIONS/ADDITIONS/NEW SCHOOLS	
Modernization/Design: DCH	\$5,226,800
Replacement School: GBP	OPEN
Modernization & Addition/Construct: IRM	\$37,985,900
Modernization/Construct: CWM	\$27,848,100
Building Addition: HMS	OPEN
Modernization/Construct: CAR	\$20,164,600
YEAR 3 TOTAL	\$112,058,500

YEAR 4 2020-2021

MAJOR MECHANICAL & MAINTENANCE	ESTIMATED COST
HVAC: CAR	\$3,536,800
HVAC: ISC	\$2,910,400
HVAC: CRE (partial)	\$1,985,500
Roof: GBM (partial) & DCCE	\$6,637,900
MODERNIZATIONS/ADDITIONS/NEW SCHOOLS	
Modernization/Design: DCCE	\$2,056,000
Modernization: CWI	OPEN
Modernization & Addition: CHT	OPEN
Modernization/Construct: WBM	\$38,317,900
Modernization/Construct: DCH	\$54,831,500
YEAR 4 TOTAL	\$110,276,000

YEAR 5 2021-2022

MAJOR MECHANICAL & MAINTENANCE	ESTIMATED COST
Cooling Tower: DCH	\$609,100
Cooling Tower: WBM	\$444,300
Cooling Tower: IRM	\$444,300
Roof: CRE, TIS, HMS, HOM, POR & EWC	\$20,856,700
Roof: OSH	\$7,061,300
MODERNIZATIONS/ADDITIONS/NEW SCHOOLS	
Modernization/Design: RBW	\$1,954,800
Modernization & Addition: IRM	OPEN
Modernization: CWM	OPEN
Modernization: CAR	OPEN
Modernization: DCCE	\$17,883,100
YEAR 5 TOTAL	\$49,253,600

2017-2022 FIVE-YEAR GRAND TOTAL \$446,715,800



Building Abbreviations

B.M. Williams Primary	BMW	Deep Creek Central Elementary	DCCE	Grassfield High	GFH	Indian River Middle and Annex	IRM/A	Southwestern Elementary	SWE
Butts Road Intermediate	BRI	Deep Creek Elementary	DCE	Greenbrier Intermediate	GRI	Instructional Services Center	ISC	Treakle Elementary	TES
Butts Road Primary	BRP	Deep Creek High	DCH	Greenbrier Middle	GRM	Joliff Middle	JMS	Truitt Intermediate	TIS
Camelot Elementary	CAM	Deep Creek Middle	DCM	Greenbrier Primary	GRP	Norfolk Highlands Primary	NHP	Thurgood Marshall Elementary	TME
Carver Intermediate	CAR	Educational Services Center	ESC	Georgetown Primary	GTP	Oscar Smith High	OSH	Western Branch High	WBH
Chesapeake Alternative School	CAS	Edwards Wilson Center	EWC	Hickory Elementary	HES	Oscar Smith Middle	OSM	Western Branch Intermediate	WBI
Ctr. for Science and Technology	CCST	Great Bridge High	GBH	Hickory High	HHS	Portlock Primary	PORT	Western Branch Middle	WBM
Chittum Elementary	CHT	Great Bridge Intermediate	GBI	Hickory Middle	HMS	Rena B. Wright Primary	RBW	Western Branch Primary	WBP
Cedar Road Elementary	CRE	Great Bridge Middle	GBM	Hugo Owens Middle	HOMS	Southeastern Elementary	SEE	Warehouse and Supply Facility	WHSE
Crestwood Intermediate	CWI	Great Bridge Primary	GBP	Indian River High	IRHS	School Plants Facility	SPL		
Crestwood Middle	CWM	Grassfield Elementary	GFE	Indian River Middle	IRM	Sparrow Road Intermediate	SRI		

QUICK FACTS

Chesapeake is the 7th largest school division in the state.

Chesapeake has 28 elementary, 10 middle, and 7 high schools as well as 2 specialized learning centers.

The 47 school buildings are supplemented by approximately 160 portable classrooms.

For a complete copy of the Capital Improvement Plan, please visit us on the web at www.cpschools.com/departments/newconstruction_planning/planning/capital_projects.php

OVERVIEW

The School Board's Proposed Capital Improvement Plan for Chesapeake Public Schools is a **management tool for planning the capital improvement projects** costing \$100,000 or more that will be needed to house students adequately in Chesapeake or to support the educational mission, including the maintenance of facilities. As such, it is useful for

- 1) Estimating capital improvement expenditures over the next five-year period;
- 2) Identifying short and long-range (ten-year) projects; and
- 3) Establishing priorities for the orderly completion of projects.

A capital improvement plan for schools typically includes the following types of projects:

- **The replacement of mechanical systems, roofs, and other large maintenance projects.**
- **The modernization or renovation of an existing facility.**
- **Planning for future permanent new and expanded facilities.**
- **The purchase of land.**



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