

Capital Improvement Program FY 2020–2024 Long-Range Master Plan FY 2019–2028

Superintendent's Proposed Budget

REVISED 9/9/17

Howard County Public School System

Superintendent's Proposed FY 2019 Capital Budget Capital Improvement Program FY 2020–2024 Long-Range Master Plan FY 2019–2028

Interim Superintendent

Michael J. Martirano, Ed.D.

Board of Education

Elected Officials

Cynthia L. Vaillancourt, Chairman Bess Altwerger, Ed.D., Vice Chairman Kirsten Coombs Christina Delmont-Small Mavis Ellis Sandra H. French Ananta Hejeebu

Student Member

Anna C. Selbrede

September 2017

Howard County Public School System

Superintendent's Proposed FY 2019 Capital Budget Capital Improvement Program FY 2020–2024 Long-Range Master Plan FY 2019–2028

Prepared By

Capital Planning and Operations 10910 Clarksville Pike Ellicott City, Maryland 21042 410-313-6600

> Anissa Brown Dennis Chief Operating Officer

Bruce Gist

Executive Director
Capital Planning and Operations

Scott Washington
Director of School Construction

Renee Kamen, AICP Manager of School Planning

> Jennifer Bubenko Planning Specialist

Olivia Claus

Executive Director, School Facilities and Office of Environment

Herb Savje
Director of Building Services

Gina Petrick Accounting Analyst

Betsy Zentz Interagency Specialist

This is a publication of the Howard County Public School System.

Electronic copy of the Capital Budget can be found on the school system's website at www.hcpss.org.

Howard County Public School System Board of Education

10910 Clarksville Pike Ellicott City, Maryland 21042 Phone: 410.313.7194 • Fax: 410.313.6833 Group Board Member email: boe@hcpss.org



Cynthia L. Vaillancourt Chairman

667-786-3839 cynthia_vaillancourt@hcpss.org Term Expires 2018



Vice Chairman

667-786-3876 bess_altwerger@hcpss.org Term Expires 2018



Kirsten A. Coombs Member

667.786.3867 kirsten_coombs@hcpss.org Term Expires 2020



667.786.3895 christina_delmont-small@hcpss.org Term Expires 2020



667.786.3901 mavis_ellis@hcpss.org Term Expires 2020



410.531.2394 sandra_french@hcpss.org Term Expires 2018



Member

443-355-7161 ananta_hejeebu@hcpss.org Term Expires 2018



Student Member

student_member@hcpss.org Term 2017-2018

Howard County Public School System Superintendent's Cabinet

10910 Clarksville Pike Ellicott City, Maryland 21042 410.313.6600

Michael J. Martirano, Ed.D.

Interim Superintendent superintendent@hcpss.org

Karalee Turner-Little, Assistant Superintendent for Administrative Affairs

Mark Blom, General Counsel

William Barnes, Chief Academic Officer

Anissa Brown Dennis, Chief Operating Officer

Frank Eastham, Chief School Management and Instructional Leadership Officer

Rafiu O. Ighile, CPA, CGMA, MBA Chief Business and Technology Officer

Helen A. Nixon, Ed.D., Chief Human Resources and Leadership Development Officer

Jahantab Siddiqui, Chief Communication, Community and Workforce Engagement Officer

Theo Cramer, Community Superintendent

Marcy Leonard, Community Superintendent

Patrick Saunderson, Community Superintendent

Kevin Gilbert, Ed.D., Director of Diversity, Equity and Inclusion

James LeMon, Executive Director of Community, Parent and School Outreach

Table of Contents

1 EXECUTIVE SUMMARY

| Introduction | 3 |
|---|----|
| Message from the Superintendent | 4 |
| HCPSS Strategic Call to Action | 6 |
| Capital Budget Request | |
| FY 2019 Capital Budget | 7 |
| FY 2020–2024 Capital Improvement Program | 8 |
| FY 2019–2024 Long-Range Systemic Renovation Projects | 9 |
| FY 2019–2028 Long-Range Master Plan | 10 |
| Capital Planning | 11 |
| Capital Planning and Growth Management | 12 |
| Enrollment Projections and School Capacities | 14 |
| Types of Capital Projects | 15 |
| Land Bank as of July 1, 2017 | 18 |
| Recent Capital Accomplishments | 19 |
| Capital Improvement Program (CIP) Development Process | 20 |
| FY 2019 Capital Budget Schedule | 21 |

2 SYSTEM INFORMATION

| Howard County at a Glance | 25 |
|------------------------------|----|
| HCPSS Facilities at a Glance | 26 |
| Systemwide Map of Schools | 27 |
| Elementary Schools Map | 28 |
| Middle Schools Map | 29 |
| High Schools Map | 30 |

Table of Contents

3 PROJECT DETAIL

| Waverly Elementary School Renovation/Addition | 32 |
|---|----|
| New ES #42 | 34 |
| Talbott Springs Elementary School Replacement | 36 |
| New HS #13 | 38 |
| Dunloggin Middle School Renovation/Addition | 40 |
| Oakland Mills Middle School Renovation | 42 |
| Ellicott Mills Middle School Addition | 44 |
| Clarksville Elementary School Addition | 46 |
| Hammond High School Renovation/Addition | 48 |
| MS/HS Career Development Center | 50 |
| Long-Range Plan Adjustments | 52 |
| Systemic Renovations | 54 |
| Roofing Projects | 56 |
| Playground Equipment | 58 |
| Relocatable Classrooms | 60 |
| Site Acquisition and Construction Reserve | 62 |
| Technology | 64 |
| School Parking Lot Expansions | 66 |
| Planning and Design | 67 |
| Barrier-Free Projects | 68 |
| Project Cost Details | 70 |

4 SUPPORTING DATA

| Pre- and Post-Measures Data | 94 |
|---|-----|
| Public School Enrollment – Actual for 1973–2016 and Estimated for 2017–2029 | 100 |
| Facility Use, Acreage, and Capital Projects | 101 |
| School and Region Tests for APFO: Elementary and Middle | 103 |
| Partially and Fully Funded Projects in Process | 105 |
| Facilities Constructed with Assistance from MD School Construction Funds: 1980–2017 | 106 |
| Addn./Reno. with Assistance from MD School Construction Funds: 1980–2017 | 107 |
| Glossary | 108 |
| Policy 6020 School Planning/School Construction Programs | 111 |

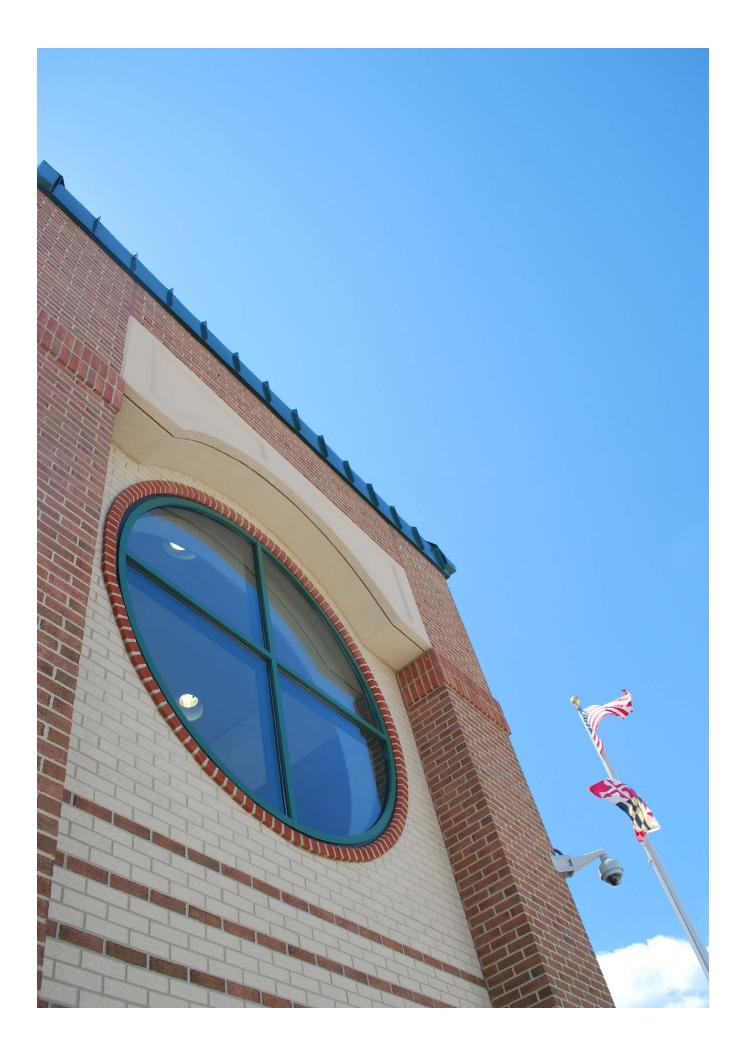
Howard County Public School System

Superintendent's Proposed FY 2019 Capital Budget Capital Improvement Program FY 2020–2024 Long-Range Master Plan FY 2019–2028

Section 1

Executive Summary

September 2017



Introduction

This document contains the Howard County Public School System's (HCPSS) Superintendent's Proposed FY 2019 Capital Budget and the FY 2020–2024 Capital Improvement Program (CIP) schedules. Projects are presented for the next fiscal year and future years, documenting longrange plans for the system.

The capital budget process, detailed within the Executive Summary, links capital planning with attendance area planning and addresses long-range planning issues identified in the annual feasibility study. Presented to the Board of Education on June 22, 2017, the Feasibility Study provided new enrollment projections and proposed future redistricting. Several factors affect the total FY 2019 Capital Budget. This year's capital improvement program provides for student capacity, renovations, and various other improvements that staff, parents, and community leaders have identified as needed. The formula used by the state to calculate school construction costs has increased to \$360 per square foot. Project budgets have increased to

reflect rising costs such as the requirement to pay prevailing wages on all projects after July 1, 2014, costs to comply with LEED requirements, and general inflationary increases.

The Superintendent's Proposed Capital Budget is the first step in this annual process which will ultimately end with the Board of Education's Approved Capital Budget in May 2018. The capital budget is submitted much earlier than the operating budget to accommodate deadlines associated with submission of the State capital budget to the Public School Construction Program.

Executive Summary provides an introduction to the Superintendent's Proposed FY 2019 Capital Budget, the Capital Improvement Program FY 2020–2024, and the Long-Range Master Plan FY 2019–2028. It presents a high level overview of the budget process and the FY 2019 Proposed Capital Budget. Included in the Executive Summary is the Superintendent's Message which provides an overview of the budget issues. Other information found in the Executive Summary is enrollment projections and student capacities, recent capital budget accomplishments, the capital budget schedule, and information on the capital budget process.

System Information presents information on the county and the school system, with maps of school locations throughout the county displayed by school level.

Project Detail presents detail on each project presented in the proposed FY 2019 Capital Budget as well as information on longer range project plans.

Supporting Data includes data from the feasibility study, detailed enrollment data, school and region tests for Adequate Public Facilities Ordinance (APFO), fully funded projects in process, facilities constructed and/or renovated with state funds, and the glossary.

Message from the Superintendent

September 11, 2017

Dear Howard County community,

I am pleased to present my Proposed FY 2019 Capital Budget, FY 2020-2024 Capital Improvement Program and the FY 2019-2028 Long-Range Master Plan for the Howard County Public School System.

In alignment with my Strategic Call to Action, the Capital Budget provides a framework for educational facilities that give all students and staff equitable opportunities to learn and achieve. It adds improvements and capacity where they are most urgently needed to relieve overcrowded classrooms and ensure the equitable allocation



of instructional resources. The proposed budget facilitates the delivery of the high-quality instructional programming needed to enable every student to reach their full potential in the classroom and beyond.

The \$79.7 million Capital Budget, \$616 million Capital Improvement Program and \$1.3 billion Long-Range Master Plan for FY2019-2028 support our ultimate goal to build an inclusive, nurturing environment, close opportunity gaps, and address projected student capacity and existing facility needs. The Capital Improvement Program and Long-Range Master Plan address existing and projected facility needs to support our projected growth of 9,800 additional students between 2018 and 2028.

The Long-Range Master Plan reflects the collaborative deliberation by a committee of school system and county government staff to develop a realistic and affordable plan that equitably meets student needs and community priorities.

FY 2019 Capital Budget Highlights

- Location and construction of New High School #13, scheduled for opening in August 2022.
- Completion of New Elementary School #42, scheduled for opening in August 2018.
- Additions to Waverly Elementary School to increase school capacity.
- Renovations, additions and systemic renovations.

FY 2020-2024 Capital Improvement Program Highlights

- An addition to Hammond High School to increase school capacity and functionality.
- \$190 million in systemic renovations, modernizations, major programmatic renovations, and additions to existing school facilities.
- Addresses deferred maintenance needs at schools.
- Identifies specific systemic renovation projects for each school.

Message from the Superintendent

FY 2019-2028 Long-Range Master Plan Highlights

- Includes funding for four future elementary schools and a future high school, which are necessary to meet projected enrollment growth and capacity needs.
- Replaces the Applications and Research Lab with a new Middle and High School Career Development Center in order to expand educational spaces to meet the growing curriculum.
- Provides for the addition of 5,500 additional seats.

My proposed Capital Budget alleviates overcrowding at the elementary school level and provides capacity for the development of a new Elementary Regional Language Immersion Schools Program, through a planned addition to Clarksville Elementary School , replacement of Talbott Springs Elementary School and construction of Elementary School #43.

The confluence of the Attendance Area Adjustment process with the start of the Capital Improvement Program development process has presented a unique opportunity for us to alleviate overcrowding while moving forward with our mission to ensure equitable outcomes and support student success. The recommended budget, in conjunction with a multi-year boundary adjustment plan, will level capacity utilization among schools while avoiding the disruption of a broad-scale boundary line adjustment. At the same time, the budget provides the facilities needed to give every student access to the high quality educational opportunities that lead to lifelong success. I want to acknowledge the stakeholder feedback that helped develop this budget. Thank you to our community, County Executive and Council, and our board members for sharing your views and for participating and collaborating with us during this process. Through continued partnerships, we can advance our vision of equity and support instructional growth with success.

Rising costs and continued increasing enrollment have led to school system capital needs that will require an increase to historical funding levels by the county and state. We know that resources are limited and there are many competing needs. I am committed to working collaboratively with our state and county partners to secure the funding that is necessary to move these projects forward.

Large public organizations demonstrate their priorities through their budgets. This recommended budget reflects our priority as a school system to support our children and maintain excellence in instruction by leading with equity.

The FY 2019 Capital Budget schedule is detailed at the end of the Executive Summary and includes the dates of Board public hearings, and work sessions. I am dedicated to working with the Board of Education and our community stakeholders to advance these important capital projects forward.

Sincerely,

Michael J. Martirano, Ed.D. Interim Superintendent

HCPSS Strategic Call to Action

HCPSS Strategic Call to Action



Learning and Leading with Equity *The Fierce Urgency of Now*

Vision

Every student and staff member embraces diversity and possesses the skills, knowledge and confidence to positively influence the larger community.



Mission

HCPSS ensures academic success and social-emotional well-being for each student in an inclusive and nurturing environment that closes opportunity gaps.

Four Overarching Commitments

VALUE

Every HCPSS stakeholder feels happy and rewarded in their roles and takes pride in cultivating the learning community.

ACHIEVE

An individualized focus supports every person in reaching milestones for success.

CONNECT

Students and staff thrive in a safe, nurturing and inclusive culture that embraces diversity.

EMPOWER

Schools, families and the community are mutually invested in student achievement and well-being.

Desired Outcomes

- Equity and relationships are at the foundation of all decisions and actions.
- Students' social-emotional learning is nurtured through life skills development and collaborative dialogue, such as restorative practices to solve problems.
- Graduation rates among all high schools and each demographic group are at exemplary levels.
- Students graduate with the skills, attributes and knowledge necessary to acquire meaningful and rewarding employment in a dynamic international workplace.
- All students have equitable opportunities to earn college credit or industry certification.
- Through collaboration with families and the greater community, all students enter kindergarten ready to learn.
- Each and every student receives a high-quality education through individualized instruction, challenges, supports and opportunities.
- High quality special education services are delivered in a consistent and collaborative manner.

- Curriculum is based on standards and best practices, implemented with fidelity, and aligned with meaningful assessments that provide actionable data for instructional planning.
- Students see diversity and inclusion reflected in the curriculum, and respect the contributions of all populations.
- Staff reflect the **diversity** of the student and community population.
- Parents, guardians and community members trust in the integrity of the school system and are active and valued partners.
- All staff feel valued, are effective in their roles, and have equitable access to additional opportunities through professional learning and leadership development.
- Organizational culture and climate are supportive and nurturing, and provide a safe and healthy environment for all.
- All operations and practices are responsive, accountable, efficient and student-centered.

HOWARD COUNTY PUBLIC SCHOOL SYSTEM

FY 2019 Capital Budget

Superintendent's Proposed

September 11, 2017

FY 2019 Superintendent's Proposed Capital Budget

Howard County Public School System

(In Thousands)

| Capacity | Project | County Project | Occupancy | Approved Appropriations | Local Bonds | Codes | Total FY19 Request | Requested Project Totals Through FY19 |
|----------|--|-------------------|-----------|----------------------------|-------------|---------|-----------------------|---|
| 100 | Waverly ES Renovation/Phase II Addition* | E0973 | Aug 2018 | \$ 32,455 | \$ 4,000 | (C,E) | \$ 4,000 | \$ 36,455 |
| 832 | New ES #42 | E1028 | Aug 2018 | 35,741 | 8,132 | (C,E) | 8,132 | 43,873 |
| 640 | Talbott Springs ES Replacement School | E1043 | Aug 2021 | 1,000 | 8,156 | (P,C) | 8,156 | 9,156 |
| 1,615 | New HS #13 | E1035 | Aug 2022 | - | 11,732 | (P,C) | 11,732 | 11,732 |
| 97 | Dunloggin MS Renovation/Addition | TBD | Aug 2022 | - | 1,000 | (P) | 1,000 | 1,000 |
| | | | | | | | | |
| | Systemic Renovations/Modernizations | TBD | | - | 28,655 | (P,C,E) | 28,655 | 28,655 |
| | Roofing Projects | TBD | | - | 12,500 | (P,C,E) | 12,500 | 12,500 |
| | | | | | | | | |
| | Playground Equipment | E0990 | | 2,930 | - | (E) | - | 2,930 |
| | | | | | | | | |
| | Relocatable Classrooms | TBD | | - | 2,500 | (P,C,E) | 2,500 | 2,500 |
| | Site Acquisition & Construction Reserve | TBD | | - | - | (P,C) | - | - |
| | Technology | TBD | | - | 2,750 | (C,E) | 2,750 | 2,750 |
| | School Parking Lot Expansions | E1012 | | 4,200 | - | (P,C,E) | - | 4,200 |
| | Planning and Design | E1038 | | 600 | 300 | (P) | 300 | 900 |
| | Barrier Free | E0989 | | 5,628 | - | (P,C,E) | - | 5,628 |
| | TOTALS | | | \$ 82,554 | \$ 79,725 | | \$ 79,725 | \$ 162,279 |

- (P) Planning
- (C) Construction
- (E) Equipment

^{*} Partial planning funds received in Systemic Renovation Project

FY 2020-2024 Capital Improvement Program

Superintendent's Proposed

(In Thousands)

September 11, 2017

FY 2019 Superintendent's Proposed Capital Budget

Howard County Public School System

| Grades | Capacity | Project | County Project | Occupancy | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | 5 Year CIP Total |
|--------|----------|---|-------------------|-----------|------------|------------|------------|-----------|------------|---------------------|
| K-5 | 640 | Talbott Springs ES Replacement School | E1043 | Aug 2021 | \$ 18,250 | \$ 12,218 | \$ 2,000 | \$ - | \$ - | \$ 32,468 |
| 9-12 | 1,615 | New HS #13 | E1035 | Aug 2022 | 29,066 | 39,350 | 38,350 | 5,566 | - | 112,332 |
| 6-8 | 97 | Dunloggin MS Renovation/Addition | TBD | Aug 2022 | 15,694 | 15,671 | 3,534 | 3,000 | - | 37,899 |
| 6-8 | - | Oakland Mills MS Renovation* | E1036 | Aug 2022 | 9,003 | 14,404 | 10,603 | 2,000 | - | 36,010 |
| 6-8 | 156 | Ellicott Mills MS Addition | E1037 | Aug 2022 | 788 | 7,627 | - | - | - | 8,415 |
| K-5 | 150 | Clarksville ES Addition | TBD | Aug 2022 | 2,000 | 7,000 | 1,000 | - | - | 10,000 |
| K-5 | 788 | New ES #43 | E1039 | Aug 2023 | 5,705 | 15,881 | 21,175 | 15,881 | - | 58,642 |
| 9-12 | TBD | Hammond HS Renovation/Addition | E1024 | Aug 2028 | - | - | - | 2,800 | 25,748 | 28,548 |
| K-5 | 788 | New ES #44 | E1040 | Aug 2027 | - | - | - | - | 5,705 | 5,705 |
| 6-12 | TBD | MS/HS Career Development Center | TBD | Aug 2028 | - | - | - | - | 11,232 | 11,232 |
| | - | Systemic Renovations/Modernizations | TBD | | 25,694 | 31,435 | 30,227 | 45,956 | 56,467 | 189,779 |
| | - | Roofing Projects | TBD | | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 25,000 |
| | - | Playground Equipment | E0990 | | 500 | 500 | 500 | 500 | 500 | 2,500 |
| | - | Relocatable Classrooms | TBD | | 2,500 | 1,500 | 1,500 | 1,500 | 1,500 | 8,500 |
| | - | Site Acquisition & Construction Reserve | TBD | | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 10,000 |
| | - | Technology | TBD | | 5,500 | 5,500 | 7,500 | 7,500 | 7,500 | 33,500 |
| | - | School Parking Lot Expansions | E1012 | | 600 | 600 | 600 | 600 | 600 | 3,000 |
| | - | Planning and Design | E1038 | | 300 | 300 | 300 | 300 | 300 | 1,500 |
| | - | Barrier Free | E0989 | | 200 | 200 | 200 | 200 | 200 | 1,000 |
| | | TOTALS | | | \$ 122,800 | \$ 159,186 | \$ 124,489 | \$ 92,803 | \$ 116,752 | \$ 616,030 |

^{*} Partial planning funds received in Systemic Renovation Project

Howard County Public School System

FY 2019-2024 Long-Range Systemic Renovation Projects

Superintendent's Proposed September 11, 2017

| Project | FY 2019 Local Bonds | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | Totals |
|--|------------------------|-----------|-----------|-----------|-----------|-----------|------------|
| Mount View MS HVAC Replacement | \$ 5,243 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 5,243 |
| Pointers Run ES HVAC Replacement | 5,019 | - | - | - | - | - | 5,019 |
| Rockburn ES HVAC Replacement | 3,824 | - | - | - | - | - | 3,824 |
| Burleigh Manor MS HVAC Replacement | 4,469 | - | - | - | - | - | 4,469 |
| ARL - HVAC Program Fall 2018 | 200 | - | - | - | - | - | 200 |
| ARL - Agriculture Program Fall 2018 | 200 | - | - | - | - | - | 200 |
| Long Reach HS - Building Envelope | 2,000 | 2,000 | - | - | - | - | 4,000 |
| Glenwood MS Exterior Windows/Doors | 1,400 | - | - | - | - | - | 1,400 |
| Applications and Research Lab Maintenance | 1,000 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 8,500 |
| Community Use Room Reconfigurations | - | 1,000 | - | - | - | - | 1,000 |
| Forest Ridge ES Office Reconfiguration | - | 750 | - | - | - | - | 750 |
| Guilford ES Exterior Windows/Doors | - | 1,300 | - | - | - | - | 1,300 |
| Ascend One Relocation/Renovations | - | 1,000 | - | - | - | - | 1,000 |
| West Friendship ES MBR | - | 2,500 | 2,500 | - | - | - | 5,000 |
| Manor Woods ES HVAC Replacement | - | 3,297 | 2,830 | - | - | - | 6,127 |
| Elkridge Landing MS HVAC Replacement | - | 4,747 | 4,077 | - | - | - | 8,824 |
| Bonnie Branch MS HVAC Replacement | - | - | 4,467 | 3,838 | - | - | 8,305 |
| Fulton ES HVAC Replacement | - | - | 4,274 | 3,673 | - | - | 7,947 |
| Hollifield Station ES HVAC Replacement | - | - | 4,187 | 3,598 | - | - | 7,785 |
| Administration Office | - | - | - | 5,000 | 5,000 | 2,000 | 12,000 |
| Jeffers Hill ES Renovation | - | - | - | 2,158 | 12,238 | 8,158 | 22,554 |
| Harper's Choice MS Renovation | - | - | - | 2,860 | 17,106 | 11,404 | 31,370 |
| Hammond MS Renovation | - | - | - | - | 3,512 | 19,462 | 22,974 |
| Patapsco MS Renovation | - | - | - | - | - | 4,002 | 4,002 |
| Forest Ridge ES Renovation | - | - | - | - | - | 3,341 | 3,341 |
| Kitchen Modernizations | - | 300 | 300 | 300 | 300 | 300 | 1,500 |
| Special Education/Regional Program Needs | 300 | 300 | 300 | 300 | 300 | 300 | 1,800 |
| Indoor Environmental Quality Project Repairs | 3,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 13,000 |
| High School Security Measures | - | 1,000 | 1,000 | 1,000 | - | - | 3,000 |
| Structural Replacements/Repairs | - | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 10,000 |
| Emergency Reserve | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 12,000 |
| TOTALS | \$ 28,655 | \$ 25,694 | \$ 31,435 | \$ 30,227 | \$ 45,956 | \$ 56,467 | \$ 218,434 |

FY 2019-2028 Long-Range Master Plan

Superintendent's Proposed September 11, 2017

FY 2019 Superintendent's Proposed Capital Budget

Howard County Public School System

| Project | County Project | Approved Appropriations | FY 2019 | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 2026 | FY 2027 | FY 2028 | Total Approp. plus FY19-FY28 Request |
|--|-------------------|-------------------------|-----------|------------|------------|------------|-----------|------------|------------|------------|------------|------------|--|
| Waverly ES Renovation/Phase II Addition* | E0973 | 32,455 | 4,000 | - | - | - | - | - | - | - | - | - | 36,455 |
| New ES #42 | E1028 | 35,741 | 8,132 | - | - | - | - | - | - | - | - | - | 43,873 |
| Talbott Springs ES Replacement School | E1043 | 1,000 | 8,156 | 18,250 | 12,218 | 2,000 | - | - | - | - | - | - | 41,624 |
| New HS #13 | E1035 | - | 11,732 | 29,066 | 39,350 | 38,350 | 5,566 | - | - | - | - | - | 124,064 |
| Dunloggin MS Renovation/Addition | TBD | - | 1,000 | 15,694 | 15,671 | 3,534 | 3,000 | - | - | - | - | - | 38,899 |
| Oakland Mills MS Renovation* | E1036 | - | - | 9,003 | 14,404 | 10,603 | 2,000 | - | - | - | - | - | 36,010 |
| Ellicott Mills MS Addition | E1037 | - | - | 788 | 7,627 | - | - | - | - | - | - | - | 8,415 |
| Clarksville ES Addition | TBD | - | - | 2,000 | 7,000 | 1,000 | - | - | - | - | - | - | 10,000 |
| New ES #43 | E1039 | - | - | 5,705 | 15,881 | 21,175 | 15,881 | - | - | - | - | - | 58,642 |
| Hammond HS Renovation/Addition | E1024 | - | - | - | - | - | 2,800 | 25,748 | 21,890 | 19,890 | 11,099 | 16,100 | 97,527 |
| New ES #44 | E1040 | - | - | - | - | - | - | 5,705 | 15,881 | 21,175 | 15,881 | - | 58,642 |
| MS/HS Career Development Center | TBD | - | - | - | - | - | - | 11,232 | 22,566 | 30,850 | 31,686 | 22,566 | 118,900 |
| New ES #45 | E1041 | - | - | - | - | - | - | - | - | 5,705 | 15,881 | 21,175 | 42,761 |
| | | | | | | | | | | | | | |
| Systemic Renovations/Modernizations | TBD | - | 28,655 | 25,694 | 31,435 | 30,227 | 45,956 | 56,467 | 59,290 | 62,255 | 65,368 | 68,636 | 473,983 |
| Roofing Projects | TBD | - | 12,500 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 57,500 |
| | | | | | | | | | | | | | |
| Playground Equipment | E0990 | 2,930 | - | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 7,430 |
| | | | | | | | | | | | | | |
| Relocatable Classrooms | TBD | - | 2,500 | 2,500 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 17,000 |
| Site Acquisition & Construction Reserve | TBD | - | - | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 18,000 |
| Technology | TBD | - | 2,750 | 5,500 | 5,500 | 7,500 | 7,500 | 7,500 | 7,500 | 7,500 | 7,500 | 7,500 | 66,250 |
| School Parking Lot Expansions | E1012 | 4,200 | - | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 9,600 |
| Planning and Design | E1038 | 600 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 3,600 |
| Barrier Free | E0989 | 5,628 | - | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 7,428 |
| TOTALS | | \$ 82,554 | \$ 79,725 | \$ 122,800 | \$ 159,186 | \$ 124,489 | \$ 92,803 | \$ 116,752 | \$ 137,227 | \$ 157,475 | \$ 157,515 | \$ 146,077 | \$ 1,376,603 |

^{*} Partial planning funds received in Systemic Renovation Project

Ten-Year Long-Range Master Plan =

\$1,294,049

Capital Planning



Capital planning is an ongoing process where the annual Capital Improvement Program (CIP) and Long-Range Master Plan are updated to reflect changes in enrollments, building capacities, and other conditions. The HCPSS provides other relevant publications which should be taken as a whole with the capital budget. These include the Feasibility Study, Educational Facilities Master Plan, and the Comprehensive Maintenance Plan.

The formulation of the FY 2019 Capital Budget, FY 2020–2024 Capital Improvement Plan, and the FY 2019–2028 Long-Range Master Plan begins with the annual completion of enrollment projections first presented in the 2017 Feasibility Study. The results of this projection are also included in this document in pre- and post-measures charts. Capacities of schools dictate the calculation of percentage capacity utilization, a measure which allows the effect of school projections to be illustrated in a meaningful way. A school with capacity utilization over 110 percent is deemed to be over-utilized, while a school below 90 percent capacity utilization is deemed to be under-utilized. This range is set by Board of Education policy.



The redistricting of school attendance areas is an integral part of the CIP. The HCPSS is responsible for ensuring that school buildings in the county are run efficiently and effectively. This means keeping schools at or near capacity and ensuring that most available seats are used before new schools would be built. Redistricting is used to ensure that existing capacity and the scheduled capital projects efficiently accommodate projected student enrollments.

While redistricting plans are implied for new facilities proposed in this plan, formal approval of those plans will not occur until the year before they take effect. Changing circumstances may require different plans. For planning purposes, the school attendance areas are grouped into six planning regions. Redistricting plans may include more than one region. The schools and their regions are identified on the elementary, middle, and high school level pages found in the Supporting Data section.



Capital Planning and Growth Management



General Plan

The Capital Improvement Plan (CIP) must conform with an important County planning document, the Howard County General Plan. Known as *PlanHoward 2030*, it includes annual residential development targets through 2030. The HCPSS will work closely with the Howard County Government to identify future funding sources so that our capital plan best supports the growth management goals of the Howard County General Plan. The capital budget is presented to the Howard County Planning Board so they may make a finding of conformance with the General Plan to the County Council.

The General Plan policy most relevant to this capital budget is Policy 6.1h -- Schools, which directs HCPSS to make efficient use of existing school capacity avoiding unnecessary capital outlays. HCPSS has conducted three years of redistricting since the adoption of PlanHoward 2030 to make more efficient use of existing schools. A total of 4,326 students were moved. More than three quarters of these students were relocated to existing schools. In 2011, prior to these redistricting efforts, 51 percent of students were in schools which met the BOE target of 90-110 percent utilization. At the end of the redistricting cycle in 2014, 64 percent were in schools that meet this target. This was accomplished with only a four percent increase in capacity.

The General Plan also guides land development in accordance with relevant state growth management laws like the 1997 Priority Funding Areas Act and Smart Green and Growing Act which direct state spending to existing communities and places where local governments want state investment to support future growth, rather than farmland or undeveloped land. The HCPSS has invested heavily in priority funding areas of late with the construction of Ducketts Lane Elementary School and Thomas Viaduct Middle School. Projects proposed outside of the priority funding area are systemic renovations necessary to maintain systems in existing schools, like boiler or HVAC upgrades.

Adequate Public Facilities Ordinance

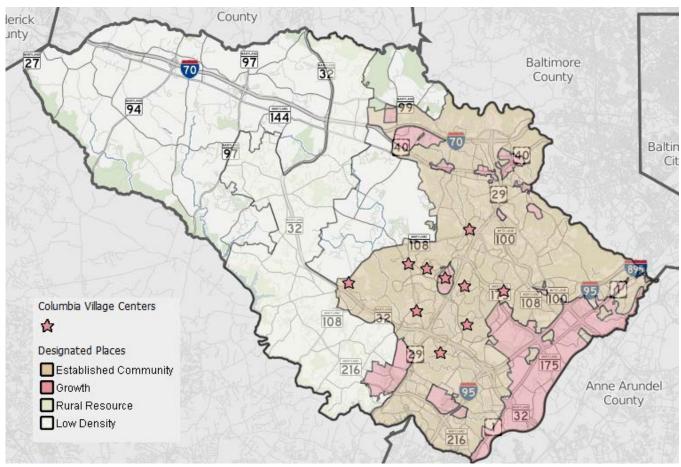
The Adequate Public Facilities Ordinance (APFO) ties future residential construction in Howard County to projected school enrollments and school capacities. Elementary and middle school attendance areas that show a projected enrollment over 115 percent of a school's program capacity are closed to future residential development until an attendance area adjustment or a capital improvement can be completed. The APFO test for opening or closing a school attendance area to new residential building looks at the projected population of a school three years out from the current year. HCPSS participated in the County Executive's APFO task force and proposed changes to the Ordinance are under consideration by County Council.

Capital Planning and Growth Management

The APFO charts that appear in the Supporting Data section are the charts that were approved for submission to the Howard County Council by the Board of Education on May 18, 2017, and subsequently submitted to the County Council and begin with the year 2020. The APFO charts do not include new schools or projects when their sites have not yet been acquired. As the school system secures deeds for the sites to these planned schools or projects, they will be reflected in that year's APFO chart.

Along with the elementary and middle school tests, a regional test within planning regions at the elementary level is also included in the ordinance. Using the APFO charts as indicators at the elementary level, one region is "closed" in 2020 and six schools are "closed" in 2020. At the middle school level, six schools are "closed" in 2020.

With the pre-/post-measures approach, the APFO formatted charts found in the Supporting Data section are in the pre-measures format. These charts represent the adjusted FY 2018 Capital Budget projects and the new projections. The post-measures charts represent the recommended capital projects for the FY 2019 Capital Budget and redistricting results from the 2017 Feasibility Study and are for demonstrative purposes only.



The General Plan process was followed by adoption of the growth tiers map. Future development and school needs are planned in growth areas or village centers.

Enrollment Projections and School Capacities

Methodologies

The formulation of the FY 2019 Capital Budget, FY 2020–2024 Capital Improvement Program, and the FY 2019–2028 Long-Range Master Plan begins with the annual completion of enrollment projections, which were first published in the 2017 Feasibility Study. The projections included in this document are the result of a collaborative effort between the HCPSS, Howard County Department of Planning and Zoning, Maryland Department of Health and Mental Hygiene, and other county and state agencies.

The calculation of the future enrollment projection is based upon a "cohort survival ratio" method of projecting student enrollments. This methodology looks at past population patterns within the county to construct "survival ratios" in predicting a particular grade's migration through the school system. For example, cohort-survival ratios predict how many second graders will result from last year's first graders, how many third graders will result from last year's second graders, and continues until the number of twelfth graders from last year's eleventh graders is predicted. A geographical cohort survival ratio is used rather than a school-based cohort survival ratio to maintain comparability regardless of any redistricting. Finally, the effects of new housing, the net effect of resale of existing housing, and programs housed at the school that impact enrollment are added to the cohort.



Capacities

Equitable evaluation of the impact of projected enrollment growth requires calculation of the capacities of schools. Capacities are not necessarily fixed to the capacity designed when a building first opened. Changes in use, programs, and standards can effectively change capacity.

High school capacities were evaluated and updated by the Board of Education in March 2009. High school program capacities are a product of either 80 or 85 percent of the total number of teaching stations multiplied by 25 students, exclusive of special education classrooms, and factored with consideration that not all teaching stations can be scheduled for use every period of the school day. Further, special-use teaching stations may not be adaptable for academic programs even if the space is available for a period of the school day.

Middle school capacities were evaluated and approved by the Board on September 26, 2013, after a full study and report by Gilbert Architects Inc. Middle school program capacities are a product of 95 percent of the total number of teaching stations multiplied by 20.5 students, exclusive of special education classrooms. Like high schools, not all teaching stations can be scheduled for use every period of the school day.

Elementary school capacities were evaluated and approved by the Board on October 23, 2014, after a full study and report by Gilbert Architects Inc. Elementary school program capacities are based on 22 students for each Kindergarten classroom, 19 students for each classroom in Grades 1 and 2, and 25 students for each classroom in Grades 3-5. Elementary school special education classroom capacities are established by the mandated student/teacher ratios for the various programs. Not included in the capacities for elementary schools are resource/instructional spaces that are utilized on a schoolwide basis where no one group of students is assigned exclusively. Some examples of spaces not included in the capacity are gymnasiums or multipurpose rooms, cafetoriums, art rooms, music rooms, media centers, gifted and talented rooms, or rooms dedicated to regional programs such as prekindergarten.

Types of Capital Projects



The Capital Improvement Plan (CIP) provides for all facilities needs for the school system. Projects are identified by their purpose as described below.

Capacity Projects

New facilities or additions are proposed when projected enrollments cannot be accommodated reasonably within available capacity. The decision to construct a new facility or build an addition on an existing school involves consideration of fiscal implications as well as consideration of the following:

- Growth and location of the population to be served.
- Available capacity in surrounding schools.
- Accommodating needs of current and desired educational programs.

Each capacity project in the CIP has first been evaluated in the annual feasibility study which balances school boundary redistricting choices with capital investments. If the attendance areas for existing schools can be adjusted, capital expenditures can be avoided or at least delayed. The Board of Education will review the CIP and set direction as appropriate during capital budget presentations each year. The opening of new schools requires redistricting. Redistricting is not annual but potential options are evaluated annually in the feasibility study.

From the receipt of planning funds until completion of a project, it typically requires a maximum of three years to plan and construct an elementary or middle school and four years for a high school. Some parts of the construction process can be expedited at cost.

Non-Capacity Projects

Capital projects, which don't produce capacity are "systemic" and serve the long-term plans of HCPSS and the state of Maryland by keeping and maintaining the systems that support 30–40 year infrastructure investments. Most maintenance investments are covered by the operating budget and documented in the annual Comprehensive Maintenance Plan published as a requirement of the Maryland State Department of Education (MSDE). Each year staff evaluates the comprehensive maintenance plan to identify projects that exceed regular maintenance and add these projects to the capital improvement program as appropriate.

Renovations of existing schools are proposed when repairs of the structure's internal systems are no longer economically feasible. As the Comprehensive Facility Master Plan is updated using the results of ongoing facility assessments, specific projects are identified in the long-range master plan.

Types of Capital Projects

The decision to renovate an existing school involves the following considerations:

- Prioritization of needs based upon the current facility assessment.
- Optimal sequencing to ensure eligibility for state funding.
- Existing electrical, HVAC, roofing, and/or other major mechanical systems needs.
- Educational space needs.
- Health and safety needs.
- Americans with Disability Act (ADA) needs.
- Need to provide improved spaces for general teaching areas and/or supporting areas.

When renovating an older school, there are multiple considerations of how to best balance the existing footprint of the building against requirements defined in newer versions of the educational specifications. Renovation guidelines have been developed to provide a set of standards, guidelines, and procedures for use by HCPSS administrative staff and architectural/engineering firms engaged in the planning and design of renovation work for the school system.

Roofing Projects

A well-planned roofing program is critical to all other systems in a capital facility. When roofing systems wear, the damage from a failure can impact other systems and multiply costs. HCPSS regularly inspects roofing systems and provides reports to the state of Maryland. Planning and project execution must balance system warranties, state funding eligibility, and the risk of maintenance deferral.

Playground Equipment

Elementary school students are stimulated by interesting and engaging playground installations. The playground planning process considers the needs of a wide-range of ages and skills to develop strength, social skills, coordination, balance, and motor planning. Each year various playgrounds are replaced, repaired, or upgraded based upon need.



Types of Capital Projects

Relocatable Classrooms

Relocatable classrooms are pre-fabricated, standalone buildings which provide temporary capacity to a school to relieve overcapacity, provide temporary swing space during renovations/additions, or provide space for a school's program needs. Currently there are 224 modular/relocatable classrooms for Grades K–12 being used by the HCPSS, including several larger modular units of at least five classrooms.

In some cases modular units are integrated into a building's core facility, such as at St. John's Lane Elementary School and Clarksville Middle School. These units are included in building capacity as they are considered permanent additions.

In recent renovations, modular units have been replaced, like Bollman Bridge Elementary School, Deep Run Elementary School and Patuxent Valley Middle School. Similar plans are underway at Waverly Elementary School. The school system conducts reviews of the physical condition and usage of all relocatable/modular units. When units are inspected, the cost of repairs is weighed against the option of retiring the units.

Site Acquisition and Construction Reserve

The selection and acquisition of appropriate school sites figures prominently in the development of a capital program. Each proposed school site is carefully evaluated prior to acquisition according to Board-approved selection criteria identified in Policy 6000 Site Selection and Acquisition. Delays in acquisition of suitable school sites may affect the timing of construction of needed schools, resulting in overcrowding situations.

The HCPSS continues to maintain a "land bank" to purchase potential sites or portions of land to augment sites. Larger sites identified in the subdivision review process may be reserved to be budgeted as line items in future capital budgets. This fund is also used as a reserve for unanticipated construction costs.



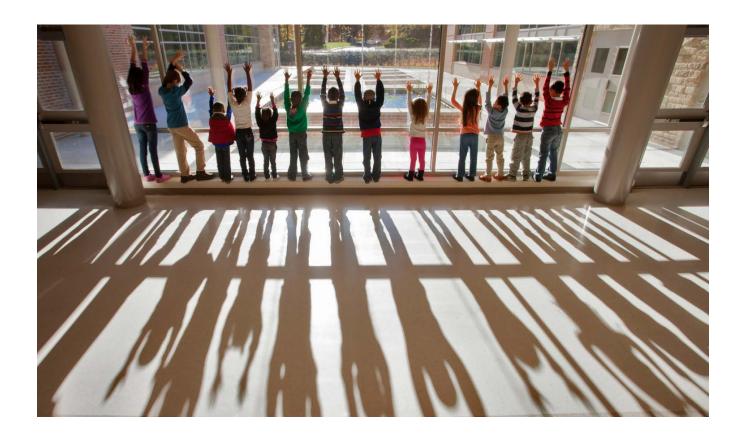
Land Bank as of July 1, 2017

The Board maintains ownership and/or the rights to purchase parcels of land for future school sites, commonly known as the "Land Bank." The following schedules detail the current land in the Land Bank.

| Owned Sites | Acreage | Location | Date Acquired | Cost |
|---------------------------|---------|--------------------------|---------------|-----------------|
| Sunny Spring Drive | 10 | Sunny Spring Drive | 1974 | \$ 1 |
| Future Middle School Site | 41 | 2865 Marriottsville Road | 2007 | \$ 1,700,000 |
| Faulkner Ridge Center | 9.01 | Marble Faun Lane | 1968 | \$ 1 |

The following properties are held by other parties for future use by the Board of Education for school construction. Upon need for a school site, the Board may utilize these properties.

| Reserved Sites | Acreage | Location |
|----------------|---------|---|
| Clary's Forest | 10 | Little Patuxent Parkway near Bright Passage |
| Dickinson | 11 | Eden Brook Drive and Weather Worn Way |
| Dickinson | 20 | Sweet Hours Way east of Eden Brook Drive |
| Hopewell | 10 | Rustling Leaf at Deepage Drive |
| Huntington | 11 | Vollmerhausen Road east of Murray Hill Road |



Recent Capital Accomplishments

HCPSS completed impressive projects in the past year which provided urgently needed capacity and necessary renovations.

Renovation and Replacement Facilities

Patuxent Valley Middle School

The Patuxent Valley Middle School project renovated the existing two-story structure originally built in 1989. The focus of the project was a complete systemic renovation, including new mechanical, electrical and technology systems. Cluster teaching stations were reconfigured into self-contained classrooms and additions were constructed allowing for a new administration area with improved security and COMAR compliant health suite. The balance of the interior spaces was reconfigured providing better circulation with improved accessibility and new finishes. The existing modular classroom section was demolished and replaced with permanent classroom construction. The project will receive a LEED certification.

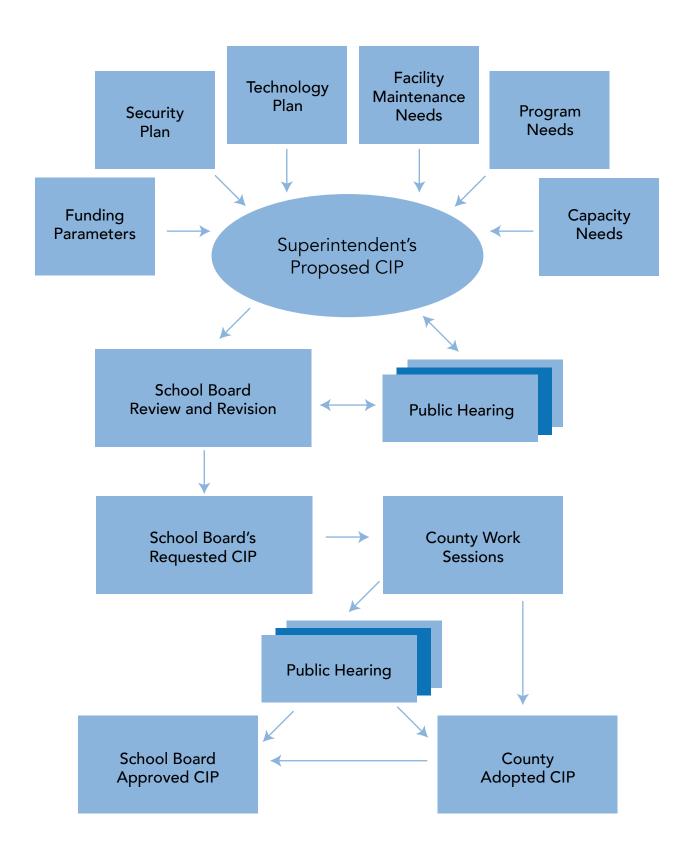
Wilde Lake Middle School

The Wilde Lake Middle School project replaced the former single-story structure originally built in 1969 with a new, state-of-the-art two-story Net Zero facility. The new facility is 49% larger and accommodates 752 students. The school was constructed behind the original building which was later demolished to provide play fields and parking. The project was the sixth iteration of the middle school prototype which was updated to address both the systemic and programmatic needs of our school system. The school was designed and partially funded in collaboration with the Maryland Environmental Agency as the first Net Zero school in the state. The Net Zero aspects of the school, such as the use of solar panels and geo-thermal system not only allows for the building to be one of the most energy efficient, but also provides a teaching tool to students and staff though the use of the energy dashboard. The project is also slated to receive a LEED platinum certification.





Capital Improvement Program (CIP) Development Process



Calendar for Development and Review/Approval

Superintendent's Proposed FY 2019 Capital Budget Capital Improvement Program FY 2020–2024 Long-Range Master Plan FY 2019–2028

| Thursday, June 22, 2017 7:30pm - Board Room | Staff presentation of Feasibility Study Report including 2017 enrollment projections. |
|--|--|
| Thursday, August 17, 2017 7:30pm - Board Room | Board of Education Public Hearing and Pre-Development Work Session. |
| Monday, September 11, 2017 3:00pm - Board Room | Staff presentation of the Superintendent's Proposed Capital Budget. |
| Tuesday, September 19, 2017 7:30pm - Board Room | Board of Education Public Hearing on Superintendent's Proposed Capital Budget. Work Session and Approval of Superintendent's Proposed Capital Budget following the Public Hearing. |
| Wednesday, October 4, 2017 | Board of Education submission of Proposed Capital Budget to Maryland Public School Construction Program. |
| Thursday, September 28, 2017 7:00pm | Planning Board Public Hearing on Board of Education's Proposed Capital Budget. |
| Monday, November 6, 2017 7:00pm | County Council approval of Board of Education's Proposed Capital Budget for letter of support to the Interagency Committee on School Construction. |
| Tuesday, February 22, 2018 3:00pm - Board Room | Board of Education Adoption of the Requested Capital Budget. |
| Mid-March | Board of Education submission of the Requested Capital Budget to the County Executive and Budget Administrator. |
| TBD | County Executive Public Hearing on Capital Budget. |
| TBD | County Executive presentation of the Capital Budget. |
| Thursday, April 19, 2018 7:30pm - Board Room | Board of Education Public Hearing. |
| TBD | County Council Public Hearing on the Education portion of the County Executive's Capital Budget. |
| Thursday, April 26, 2018 7:30pm - Board Room | Board of Education Work Session (if necessary). |
| TBD | Staff pre-file of the Adequate Public Facilities Ordinance Open/Closed Chart to County Council. |
| TBD | County Council Adoption of the Capital Budget. |
| Thursday, May 24, 2018 9:00am - Board Room | Board of Education Adoption of the Capital Budget |
| TBD | County Council Adoption of Adequate Public Facilities Ordinance Open/Closed Chart. |

TBD (To Be Determined) - Please check Howard County's website for the full schedule: http://www.co.ho.md.us/



Howard County Public School System

Superintendent's Proposed FY 2019 Capital Budget Capital Improvement Program FY 2020–2024 Long-Range Master Plan FY 2019–2028

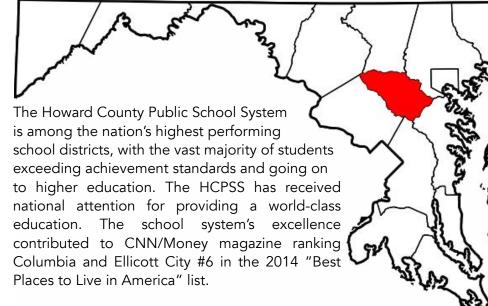
Section 2

System Information

September 2017



Howard County at a Glance



About Howard County

Howard County, Maryland is a suburban community with a population over 300,000, situated midway along the Baltimore-Washington corridor. It is a county of contrast—a blend of old and new, urban and rural, historical and progressive. The county's borders encompass Ellicott City, one of the country's oldest towns, and Columbia, a planned community conceived and designed over 40 years ago by the Rouse Company.

Howard County boasts a number of historical landmarks, including the Bollman Truss Railroad Bridge, the Thomas Viaduct, and nine sites along the Maryland Civil War trails. The county's 30 regional and community parks, 7 golf courses, 5 lakes, and extensive hiking and biking trails also contribute to the \$590.1 million in annual tourism revenue.

Howard County Race/Ethnicity

| | Howard County | Maryland | |
|---------------------------|------------------|----------|--------|
| American Indian/Alaskan | 0.4% | 0.6% | |
| Asian | 18.3% | 6.6% | 2016 |
| Black/African American | 19.1% | 30.7% | SO |
| Hawaiian/Pacific Islander | 0.1% | 0.1% | Census |
| Hispanic/Latino | 6.6% | 9.8% | |
| White | 53.3% | 51.5% | Bureau |
| Two or More Races | 3.7% | 2.8% | Data |

Howard County Fast Facts

- 95.2% of the population over 25 has graduated high school. (MD State 89.4%)
- 60.6% hold a Bachelor's degree or higher. (MD State 37.9%)
- \$110,238 is the median household income.
- 73.3% homeownership rate with median value of owner-occupied housing of \$426,100.
- 250.74 square miles land area and 1,144.9 persons per square mile. (MD State land area 9,707.24 square miles and 594.8 persons per square mile)
- Howard County is the smallest Maryland County by land area.
- 3.3% unemployment rate as of June 2017, lowest rate in Maryland. (MD State 4.6%)

HCPSS Facilities at a Glance

The HCPSS maintains well over seven million square feet of school facilities and other buildings in service of delivering the educational program and for use by the community. The school system owns or controls approximately 1,820 acres of land. Approximately seven percent of HCPSS staff are devoted in some way to the maintenance of facilities.



HCPSS Facilities

76 Schools

41 Elementary Schools

20 Middle Schools

12 High Schools

3 Special Schools

Ancillary Facilities

Ascend One

Central Office

Amberton Drive (Leased Storage)

Dorsey Building (Shared Space)

Faulkner Ridge (Vacant)

Mendenhall Court (Leased Offices and Shops)

Ridge Road Center (Shops)

Old Bushy Park (Storage)

Old Cedar Lane (Offices)

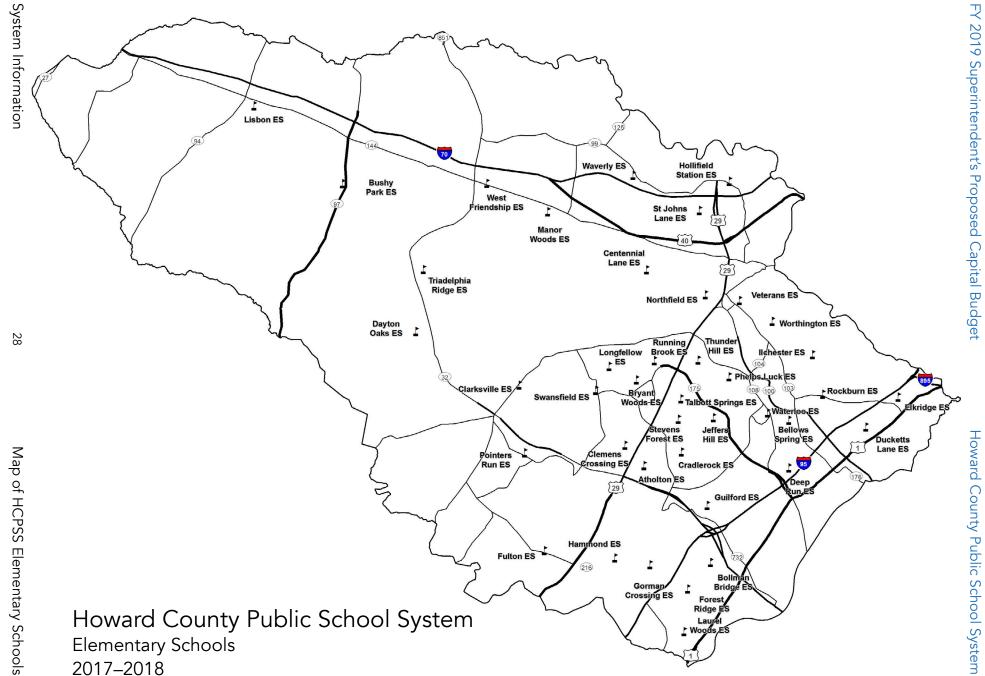
| Average Age of Facilities* | | | |
|----------------------------|------------|------------|--|
| Elementary | Middle | High | |
| 15.1 years | 16.7 years | 20.0 years | |

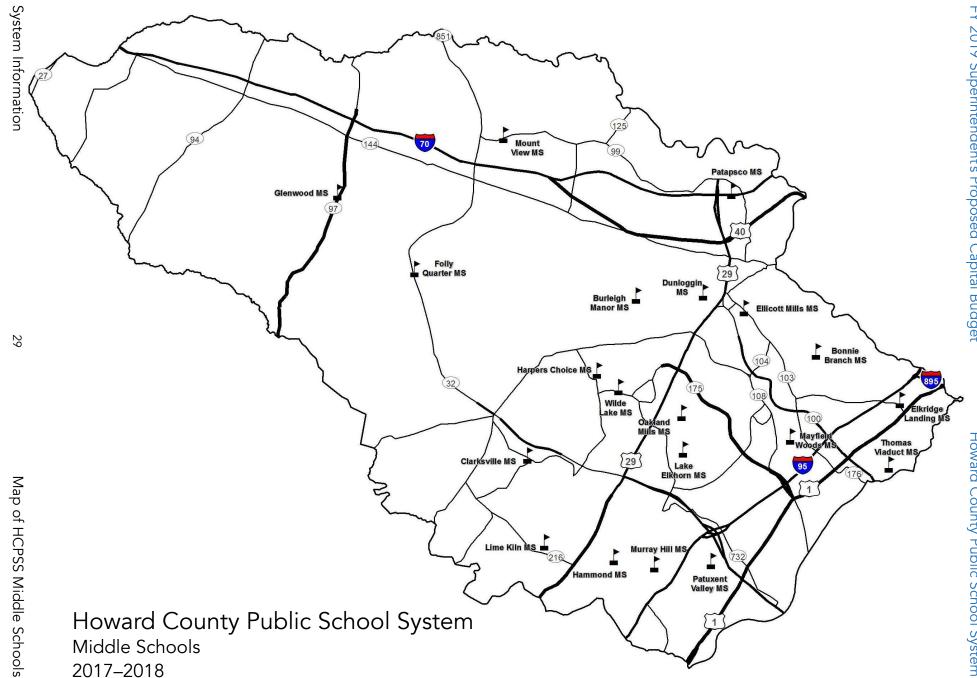
^{*} Including completed renovations.

| Enrollment* | |
|-----------------------------|--------|
| Total Enrollment (Pre-K–12) | 55,638 |
| Elementary (Pre-K-5) | 25,863 |
| Middle (6–8) | 12,897 |
| High (9–12) | 16,768 |
| Special Schools | 110 |

^{*} Official September 30, 2016 Enrollment Report.

Howard County Public School System





Howard County Public School System

Superintendent's Proposed FY 2019 Capital Budget Capital Improvement Program FY 2020–2024 Long-Range Master Plan FY 2019–2028

Section 3

Project Detail

September 2017

Waverly Elementary School Renovation/Addition: Project 0973

10220 Wetherburn Road, Ellicott City, MD 21043 http://waves.hcpss.org/

Kathy Jacobs, Principal 410.313.2819



| Building Data | | |
|----------------------------------|-------|--|
| Year Built | 1990 | |
| Age | 27 | |
| Site Area (acres) | 11.49 | |
| Last Renovation/Addition | 2007 | |
| Current Relocatables | 9 | |
| Current Capacity | 638 | |
| 9/2016 Enrollment | 707 | |
| Projections/Capacity Utilization | | |
| 2017 Projection | 684 | |
| Projected Utilization | 107% | |
| 2018 Projection | 686 | |
| Projected Utilization | 108% | |
| Post-Renovation Cap. | 738 | |
| Projected Util. 2021 | 86% | |

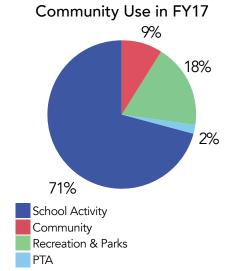
Project Purpose

The Waverly Elementary School project will expand educational program spaces with 100 seats of new capacity and renovate the existing facility. Waverly Elementary School opened in 1990 and was renovated in 2007 to accommodate full-day kindergarten. The 2009 facility assessment of elementary schools concluded that Waverly Elementary School had 14.6 percent deficiency of educational program area of the 40 elementary schools operating at that time. The FY 2016 Capital Budget introduced this project in the CIP. In previous budgets, it was listed as a systemic renovation. In the FY 2016 Capital Budget, the total project cost was estimated at \$29.5 million.

In the FY 2019 Capital Budget, the total project cost estimate is \$36.5 million. The \$7 million increase is mainly attributed to the new plan including an addition. The complete scope of this project is defined by the BOE approved construction documents (CD) brochure (see Policy 6020 in the Supporting Data Section for a complete description of the process) and any change orders approved subsequent to submittal of the CD brochure.

Community Use at Waverly Elementary School

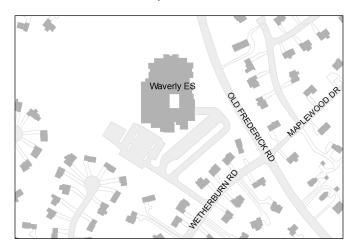
Waverly Elementary School hosted after school and weekend activities for a variety of community and student programs, meetings, activities, and events. An attendance of 66,000 was estimated for these activities. School events accounted for the majority of the facility use. Other uses, which include child care and after school activities, make up the balance of reservations.



This project calls for an expansion of the educational program spaces and renovation of the existing facility. This will consist of a complete systemic renovation of the existing building including new electrical, mechanical, plumbing, technology, roofing, and life safety systems as applicable per the recent feasibility assessment survey. The project will provide 100 seats of additional classroom space and core infrastructure space necessary to operate effectively at the larger capacity. Interior spaces will be reconfigured, new finishes provided, accessibility improved, and new spaces added as required bringing the facility into compliance with renovation specifications.

Addition The Waverly Elementary School supports a long-term plan as described in the 2016 Feasibility Study. In 2016 and beyond, Manor Woods Elementary School is projected to be above the 110 percent capacity utilization standard and eventually trends above 200 percent. Manor Woods Elementary School is not on public sewer and for that reason expansion is unlikely. Constructing this addition in 2018 can help relieve overcrowding at Manor Woods Elementary School. Beyond that, a new elementary school in Turf Valley has been considered after 2020.

School Location Map

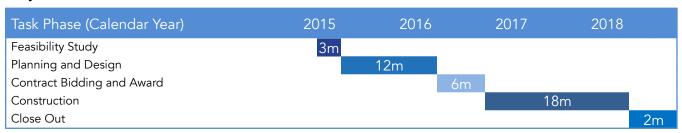




This is the fifth year of funding for Waverly Elementary School. Planning funds also were received in the Systemic Renovation Line in FY 2015.

Details of the budget request for this project can be found on the Capital Budget Request pages in Section 1 (Executive Summary) and the Project Cost Details pages in Section 3 (Project Detail).

Project Timeline



The above chart shows the calendar year timeline for planning and construction for this project (in months). The Waverly Elementary School Renovation/Addition project is scheduled for completion in August of 2018.

New ES #42: Project 1028

School Site located adjacent to Thomas Viaduct Middle School 7030 Banbury Drive, Hanover, MD



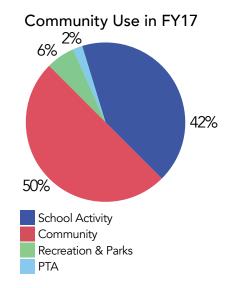
Project Purpose

The New ES #42 will be a new facility. Capacity utilization at Ducketts Lane Elementary School, which opened in August 2013 in the northern Route 1 corridor, will continue to grow. Even with additional capacity that may have been found in the Gilbert study, we now know that at least one additional elementary school is needed in the eastern part of the county. The region will exceed 115 percentutilization in 2023 and require approximately 1,000 additional seats. The recently completed comprehensive zoning increased the entire housing projection this year by 996 units, most was initiated in FY 2016.

The complete scope of this project is defined by the BOE approved construction documents (CD) brochure (see Policy 6020 in the Supporting Data Section for a complete description of the process) and any change orders approved subsequent to submittal of the CD brochure.

Community Use at New ES #42

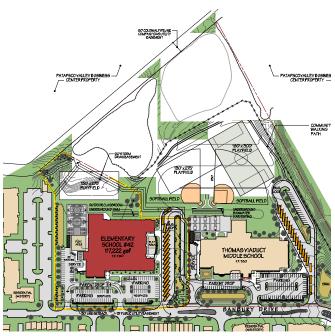
Community use is anticipated in the planning for this new facility. Ducketts Lane Elementary School serves as a comparison. Ducketts Lane Elementary School hosted an estimated 64,000 attendees for over 1,400 reservations after school hours and on weekends for a variety of events. The majority of the events were athletic events and remaining reservations were school and other community events.



The New ES #42 will be designed in conformance with the General Educational Specifications for New Elementary Schools published in June 2003. The building design will provide the best possible learning environment for all elementary students in every aspect of educational programs by providing inclusive learning spaces, state-of-the art technology, and sustainable building practices. The prototype is a two-story elementary school designed for a 788 student capacity. The new school will also accommodate prekindergarten through fifth grade, as well as the Regional Early Childhood Center. The project will achieve USGBC LEED Gold certification in keeping with the sustainable goals of HCPSS to reduce negative impact on the environment and enhance health and comfort of the building occupants, thereby improving building performance.



Transit-oriented developments (TOD) are densely arranged communities of homes, offices, and stores near a rail station or bus line. Oxford Square is situated very close to the Dorsey MARC Station and will have a community shuttle until pedestrian access can be constructed.

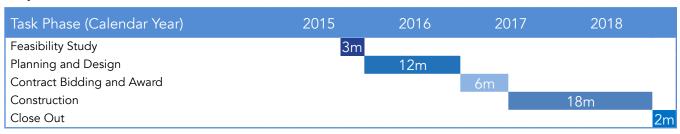


A school site is located adjacent to Thomas Viaduct Middle School at 7000 Banbury Drive in Hanover, MD.

This is the fourth year of funding for New ES #42. Planning funds were received in FY 2016. Construction funds have been received in FY2017 and FY2018 and are requested again in FY 2019. The school is scheduled to open in August 2018.

Details of the budget request for this project can be found on the Capital Budget Request pages in Section 1 (Executive Summary) and the Project Cost Details pages in Section 3 (Project Detail).

Project Timeline



The above chart shows the calendar year timeline for planning and construction for this project (in months). The New ES #42 project is scheduled for opening in August of 2018.

Talbott Springs Elementary School Replacement: Project 1043

9550 Basket Ring Road, Columbia, MD 21045 http://tses.hcpss.org/



Nancy Thompson, Principal 410.313.6915

| Building Data | | | |
|----------------------------------|------|--|--|
| Year Built | 1973 | | |
| Age | 44 | | |
| Site Area (acres) | 10 | | |
| Last Renovation/Addition | 2008 | | |
| Current Relocatables | 10 | | |
| Current Capacity | 377 | | |
| 9/2016 Enrollment | 447 | | |
| Projections/Capacity Utilization | | | |
| 2017 Projection | 447 | | |
| Projected Utilization | 119% | | |
| Projected Cap. | 640 | | |
| 2021 Projection | 449 | | |
| Projected Utilization | 70% | | |

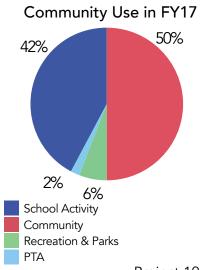
Project Purpose

The Talbott Springs Elementary School project will replace an aging elementary school with a larger, modern facility. Talbott Springs Elementary School opened in 1973 and was renovated in 2000. The school was expanded in 2000 (art room and gymnasium) and 2008 (all day kindergarten). In April 2009, HCPSS engaged Gilbert Architects Inc. to conduct a facility assessment of elementary schools. The report concluded that Talbott Springs Elementary School had 18.7 percent deficiency of educational program area of the 40 elementary schools operating at that time. In the FY 2019 Capital Budget, the total project cost estimated is \$41.6 million. Talbott Springs Elementary School will be a USGBC LEED Silver Certified school facility. The complete scope of this project will be defined by the BOE approved construction documents

(CD) brochure (see Policy 6020 in the Supporting Data Section for a complete description of the process) and any change orders approved subsequent to submittal of the CD brochure.

Community Use at Talbott Springs ES

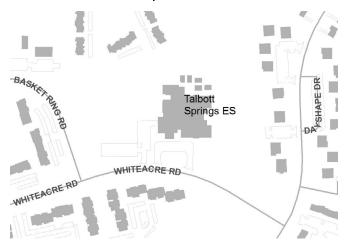
Talbott Springs Elementary School hosted an estimated 64,000 attendees for nearly 1,500 reservations after school hours and on weekends for a variety of events. The majority of the events were after school activities and community events and remaining reservations were athletic and PTA events.



The planned scope of work includes a replacement facility to provide students with a new modern energy efficient building with programmatic and physical upgrades as well as new mechanical, electrical and technology systems in compliance with the HCPSS General Educational Specifications for New Elementary Schools. This project calls for an expansion of the educational program spaces to address space needed for the new Elementary Regional Language Immersion Program.



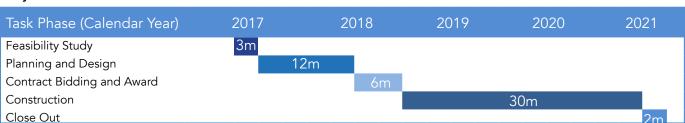
School Location Map



This project received \$1 million in planning funds in FY 2018. Construction funds are to be requested in FY 2019 through FY 2022 to complete work and have the school ready by August 2021.

Details of the budget request for this project can be found on the Capital Budget Request pages in Section 1 (Executive Summary) and the Project Cost Details pages in Section 3 (Project Detail).

Project Timeline



The above chart shows the calendar year timeline for planning and construction for this project (in months). The Talbott Springs Elementary School Renovation project is scheduled for completion in August of 2021.

New HS #13: Project 1035

School site to be determined.



Architect rendering of Marriotts Ridge High School courtesy of TCA Architects.

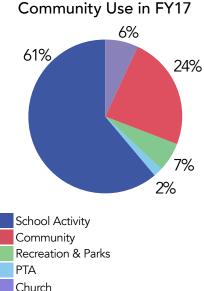
Project Purpose

New HS #13 will be a new facility. Based upon enrollment projections, at least one additional high school is needed to accommodate growth. Balanced capacity utilization in the northeast region alone would require 1,100 additional seats by 2019. This capital budget recommends completion of New HS #13 in 2022. Planning would be initiated

in FY 2019. The complete scope of this project would be defined by the BOE approved construction documents (CD) brochure (see Policy 6020 in the Supporting Data Section for a complete description of the process) and any change orders approved subsequent to submittal of the CD brochure.

Community Use at New HS #13

Community use is anticipated in the planning for this new facility. Wilde Lake High School serves as a comparison. Wilde Lake High School hosted an estimated 900,000 attendees for over 8,700 reservations after school hours and on weekends for a variety of events. The majority of the events were community and school related and athletic events, and the remaining reservations were Recreation and Parks, church events, and PTA meetings.





Planning for New HS #13 will occur during FY 2019. Based upon this timeline, the Board will request construction funding for this project in FY 2020 through FY 2023 to complete work and have the school ready by August 2022.

Details of the budget request for this project can be found on the Capital Budget Request pages in Section 1 (Executive Summary) and the Project Cost Details pages in Section 3 (Project Detail).

Project Timeline



The above chart shows the calendar year timeline for planning and construction for this project (in months). The New HS #13 project is scheduled for completion in August of 2022.

Dunloggin Middle School Renovation/Addition: Project TBD

9129 Northfield Road Ellicott City, MD 21042 http://dms.hcpss.org/





| Building Data | |
|--|-----------------------------|
| Year Built | 1973 |
| Age | 44 |
| Site Area (acres) | 20 |
| Last Renovation/Addition | 1999 |
| Current Relocatables | 5 |
| Current Capacity | 565 |
| 9/2016 Enrollment | 617 |
| 772010 Emonnent | 017 |
| Projections/Capacity Utiliz | |
| | |
| Projections/Capacity Utiliz | ation |
| Projections/Capacity Utiliz 2017 Projection | ation 614 |
| Projections/Capacity Utiliz 2017 Projection Projected Utilization | ation 614 109% |
| Projections/Capacity Utiliz 2017 Projection Projected Utilization 2021 Projection | ation 614 109% 694 |

Project Purpose

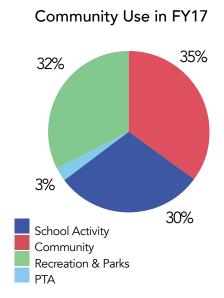
The Dunloggin Middle School project will expand educational program spaces with 97 seats of new capacity and renovate the existing facility. Dunloggin Middle School opened in 1973

and was renovated in 1999. In August 2008, HCPSS engaged Gilbert Architects, Inc. to conduct a facility assessment of middle schools. The report concluded that Dunloggin Middle School has a 13.8 percent deficiency of educational program area of the 19 middle schools operating at that time. In the FY 2019 Capital Budget, the total project cost estimate is \$38.9 million. Dunloggin Middle School will be another USGBC LEED Certified school facility for Howard County.

The complete scope of this project is defined by the BOE approved construction documents (CD) brochure (see Policy 6020 in the Supporting Data Section for a complete description of the process) and any change orders approved subsequent to submittal of the CD brochure.

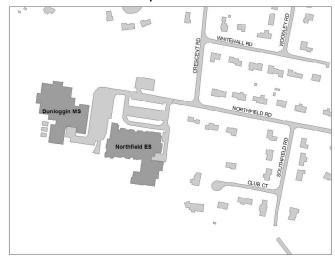
Community Use at Dunloggin Middle School

Over 1,800 reservations brought citizens and students into Dunloggin Middle School after school hours and on weekends for a variety of community and student programs, meetings, activities, and events. An attendance of 115,000 was estimated for these activities. Community activities accounted for the largest portion of the facility use. Other uses, which include school activities, PTA events and Recreation and Parks programs, make up the remaining reservations.



This project calls for an expansion of the educational program spaces and renovation of the existing facility. The renovation will include a complete systemic renovation of the existing building including new electrical, mechanical, plumbing, technology, roofing and life safety systems. The project will provide 97 seats of additional classroom space and core infrastructure space necessary to operate effectively at the larger capacity. Interior spaces will be reconfigured, new finishes provided, accessibility improve, and new spaces added as required bringing the facility into compliance with renovation specifications.

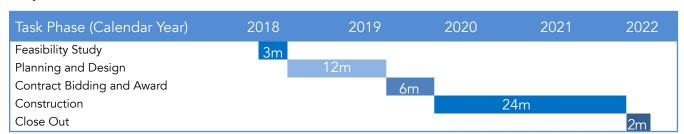
School Location Map



This is the first year of funding for Dunloggin Middle School. In previous budgets it was listed as a systemic renovation. The requested sum of \$1 million in FY 2019 will allow planning and design to begin. Construction will start in FY 2020. Based upon the current plan, the Board will request a final \$3 million in FY 2023 to complete work for the school to open in August 2022.

Details of the budget request for this project can be found on the Capital Budget Request pages in Section 1 (Executive Summary) and the Project Cost Details pages in Section 3 (Project Detail).

Project Timeline



The above chart shows the calendar year timeline for planning and construction for this project (in months). The Dunloggin Middle School Renovation/Addition project is scheduled for completion in August of 2022.

Oakland Mills Middle School Renovation: Project 1036

9540 Kilimanjaro Road, Columbia, MD 21045 http://omms.hcpss.org/



Megan Chrobak, Principal 410.313.6937

| Building Data | | |
|----------------------------------|------|--|
| Year Built | 1972 | |
| Age | 45 | |
| Site Area (acres) | 20 | |
| Last Renovation/Addition | 1998 | |
| Current Relocatables | 0 | |
| Current Capacity | 506 | |
| 9/2016 Enrollment | 443 | |
| Projections/Capacity Utilization | | |
| 2017 Projection | 464 | |
| Projected Utilization | 92% | |
| 2021 Projection | 497 | |
| Projected Utilization | 98% | |

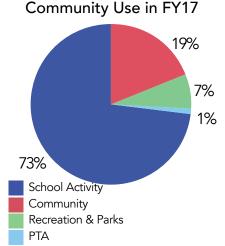
Project Purpose

The Oakland Mills Middle School project will renovate the existing facility. Oakland Mills Middle School opened in 1972 and was renovated in 1998. In August 2008, HCPSS engaged Gilbert Architects Inc. to conduct a facility assessment of middle schools. This project evaluated and scored each school according to the Council of Educational Facilities Planners, International (CEFPI) appraisal guidelines. The assessment included reviewing each school's plan layouts and measurements of spaces to compare to the educational specifications developed by HCPSS for middle schools. The report concluded that Oakland Mills Middle School had 8.8 percent deficiency of educational program area of the 19 middle schools operating at that time. The FY 2016 Capital Budget introduced this project to the Capital Improvement Plan. In previous budgets, it was listed as a systemic renovation. In the FY 2016 Capital Budget the cost for the limited renovation was estimated at \$16.3 million. In the FY 2019 Capital Budget the complete renovation cost estimate is \$36 million. The complete scope of

this project is defined by the BOE approved construction documents (CD) brochure (see Policy 6020 in the Supporting Data Section for a complete description of the process) and any change orders approved subsequent to submittal of the CD brochure.

Community Use at Oakland Mills Middle School

Citizens and students spent over 9,000 hours at Oakland Mills Middle School after school hours and on weekends for a variety of community and student programs, meetings, activities, and events. An attendance of 76,000 was estimated for these activities. After school activities accounted for more than half of the facility use. Athletic activities and child care are included in the remaining reservations.

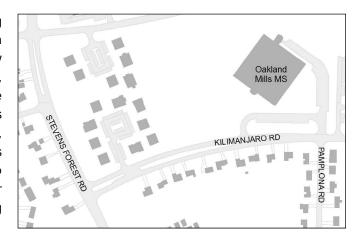


The project calls for a renovation of the existing building in accord with recommendations from the feasibility study. Renovation will include new electrical, mechanical, plumbing, technology, roofing, and life safety systems as applicable per the scope of work. Some Interior spaces will be reconfigured, new finishes provided, accessibility improved, and new spaces added as required, bringing the facility into compliance with the HCPSS Guidance Manual for Renovations and Modernizations of Existing Schools.





School Location Map



This project received planning funds through the systemic line in FY 2015. Construction funds will be requested in FY 2020 through FY 2023. This funding schedule will allow construction to progress on schedule and work to be completed by August 2022.

Details of the budget request for this project can be found on the Capital Budget Request pages in Section 1 (Executive Summary) and the Project Cost Details pages in Section 3 (Project Detail).

Project Timeline



The above chart shows the calendar year timeline for planning and construction for this project (in months). The Oakland Mills Middle School Renovation project is scheduled for completion in August of 2022.

Ellicott Mills Middle School Addition: Project 1037

4445 Montgomery Road, Ellicott City, MD 21043 http://emms.hcpss.org/



Project Purpose

The Ellicott Mills Middle School project will add 156 seats of new capacity to the existing school. Ellicott Mills Middle School was originally built in 1939. The replacement school,

Christopher Rattay, Principal 410.313.2839

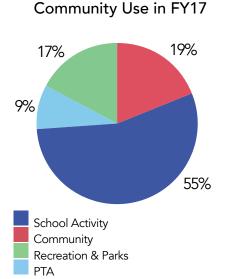
| Building Data | | |
|----------------------------------|-------|--|
| Year Built | 1939 | |
| Age | 78 | |
| Site Area (acres) | 16.22 | |
| Last Renovation/Addition | 2001 | |
| Current Relocatables | 5 | |
| Current Capacity | 662 | |
| 9/2016 Enrollment | 829 | |
| Projections/Capacity Utilization | | |
| 2017 Projection | 890 | |
| Projected Utilization | 134% | |
| 2021 Projection | 906 | |
| Projected Utilization | 137% | |
| Post-Renovation Cap. | 818 | |
| | | |

which opened in 2001, was the third iteration of the current middle school prototype. The projections in the 2017 Feasibility Study support the approved middle school capacity adjustments and the effort invested in redistricting. All middle schools in the northeast were relieved of overcrowding by the opening of Thomas Viaduct Middle School, except Ellicott Mills Middle School. Redistricting scenarios using western capacity failed to resolve crowding and created unacceptable travel distances and unusually elongated attending areas. With these findings, planned expansion of Ellicott Mills Middle School was contemplated in the 2015 Feasibility Study. This project is a next logical step after study of middle school capacity and analysis of redistricting scenarios.

The complete scope of this project is defined by the BOE approved construction documents (CD) brochure (see Policy 6020 in the Supporting Data Section for a complete description of the process) and any change orders approved subsequent to submittal of the CD brochure.

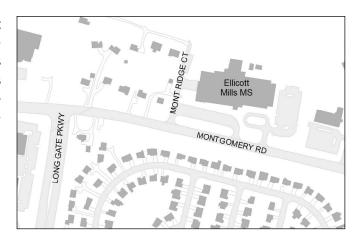
Community Use at Ellicott Mills Middle School

Over 2,800 reservations brought citizens and students into Ellicott Mills Middle School after school hours and on weekends for a variety of community and student programs, meetings, activities, and events. An attendance of 148,000 was estimated for these activities. Athletic events and school activities accounted for the largest portion of the facility use. Other uses, which include PTA events and performing arts, make up the remaining reservations.



This project will include an addition and light renovation to ensure seamless operation of the expanded facility. The majority of existing walls will remain; therefore, most existing classrooms will remain as classrooms. The addition will be designed to retain the use of natural daylight. The cafetorium will be enlarged to meet educational program requirements.

School Location Map





FY 2020 will be the first year of funding for Ellicott Mills Middle School. During FY 2020, the first year of planning will be implemented. Based upon the current plan, the Board will request construction funding for this program in FY 2021 to complete work and have the school ready by August 2022.

Details of the budget request for this project can be found on the Capital Budget Request pages in Section 1 (Executive Summary) and the Project Cost Details pages in Section 3 (Project Detail).

Project Timeline



The above chart shows the calendar year timeline for planning and construction for this project (in months). The Ellicott Mills Middle School Addition project is scheduled for completion in August of 2022.

Clarksville Elementary School Addition: Project TBD

12041 Clarksville Pike Clarksville, MD 21029 http://ces.hcpss.org/



Robin Malcotti, Principal 410.313.7050

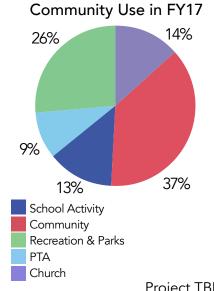
| Building Data | |
|--------------------------|------|
| Year Built | 1964 |
| Age | 53 |
| Site Area (acres) | 11 |
| Last Renovation/Addition | 2002 |
| Current Relocatables | 1 |
| Current Capacity | 612 |
| 9/2016 Enrollment | 430 |

Project Purpose

The Clarksville Elementary School project will expand educational program spaces with 150 seats of new capacity for a new Elementary Regional Language Immersion Program. The program is under development and project details are forthcoming. Considerations for the full immersion program include programmatic parameters and language options. The program placement is scheduled for locations in the West (Clarksville Elementary School), Columbia (Talbott Springs Elementary School), and the Southeast (New Elementary School #43). The complete scope of this project will be defined by the BOE approved construction documents (CD) brochure (see Policy 6020 in the Supporting Data Section for a complete description of the process) and any change orders approved subsequent to submittal of the CD brochure.

Community Use at Clarksville Elementary School

Over 2,500 reservations brought citizens and students into Clarksville Elementary School after school hours and on weekends for a variety of community and student programs, meetings, activities, and events. An attendance of 133,000 was estimated for these activities. Community activities accounted for the largest portion of the facility use. Other uses, which include school activities, PTA events, Recreation and Parks programs and church services, make up the remaining reservations.



This project calls for an expansion of the educational program spaces to address space needed for the new Elementary Regional Language Immersion Program.



School Location Map



FY 2020 is the first year of funding for Clarksville Elementary School. The requested sum of \$2 million in FY 2020 will allow planning and design to begin. Construction will start in FY 2021. Based upon the current plan, the Board will request a \$7 million in FY 2021 and \$1 million in FY 2022 to complete work for the school to open in August 2022.

Details of the budget request for this project can be found on the Capital Budget Request pages in Section 1 (Executive Summary) and the Project Cost Details pages in Section 3 (Project Detail).

Project Timeline



The above chart shows the calendar year timeline for planning and construction for this project (in months). The Clarksville Elementary School Addition project is scheduled for completion in August of 2022.

Hammond High School Renovation/Addition: Project 1024

8800 Guilford Road, Columbia, MD 21046 http://hahs.hcpss.org/



John DiPaula, Principal 410.313.7615

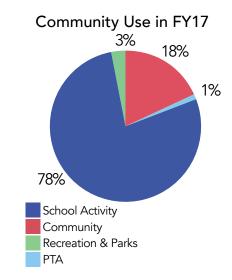
| Building Data | | |
|----------------------------------|-------|--|
| Year Built | 1976 | |
| Age | 41 | |
| Site Area (acres) | 33.14 | |
| Last Renovation/Addition | 2011 | |
| Current Relocatables | 4 | |
| Current Capacity | 1,220 | |
| 9/2016 Enrollment | 1,300 | |
| Projections/Capacity Utilization | | |
| 2017 Projection | 1,332 | |
| Projected Utilization | 109% | |
| 2021 Projection | 1,392 | |
| Projected Utilization | 114% | |

Project Purpose

The Hammond High School project will renovate and expand the existing school. Hammond High School is a one-story building that first opened in 1976 and underwent some renovation and addition work in 1997, followed by a dance studio addition in 2011. The present need is a complete renovation of the school with systemic upgrades to bring it into compliance with the Howard County Public School Systems Guidelines Manual for Renovations and Modernizations of Existing Schools. Additional capacity is under consideration for this proposed project. The complete scope of this project is defined by the BOE approved construction documents (CD) brochure (see Policy 6020 in the Supporting Data Section for a complete description of the process) and any change orders approved subsequent to submittal of the CD brochure.

Community Use at Hammond High School

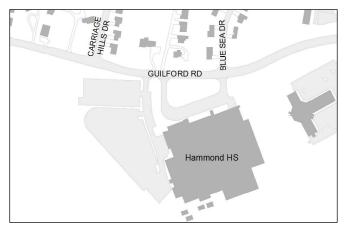
An attendance of 67,000 was estimated for over 3,300 reservations at Hammond High School outside of school hours for events. Most after school activities at any high school are school related including after school programming, athletic activities, educational activities and performing arts.



The project will consist of a complete systemic renovation of the school that will replace the aging heating and cooling systems, upgrade the plumbing and electrical systems, supply new data technology and security systems, provide new interior finishes throughout the building, create compliance ADA accessibility throughout, repartition select areas of the school, and construct building additions as necessary to fulfill program deficiencies. It is also the intent to concentrate on energy efficient systems and sustainable practices thus yielding another USGBC LEED certified facility. Staff is studying options for constructing additional capacity.



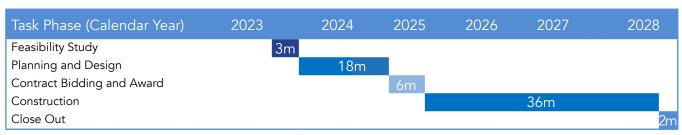
School Location Map



The first year of funding for Hammond High School is planned for FY 2023. During FY 2023, the first year of planning will be implemented. Based upon the current plan, the Board will request construction funding for this program in FY 2024 through FY 2028 totaling \$98 million to complete work and have the school ready by August 2028.

Details of the budget request for this project can be found on the Capital Budget Request pages in Section 1 (Executive Summary) and the Project Cost Details pages in Section 3 (Project Detail).

Project Timeline



The above chart shows the calendar year timeline for planning and construction for this project (in months). The Hammond High School Addition/Renovation project is scheduled for opening in August of 2028.

MS/HS Career Development Center: Project TBD

10920 Clarksville Pike (Route 108), Ellicott City, MD 21042 http://arl.hcpss.org/

Karl Schindler, Principal 410.313.6998



Project Purpose

The MS/HS Career Development Center project will replace the aging Applications and Research Lab (ARL) school with a larger, more modern facility to facilitate the expansion of educational spaces to meet the growing curriculum. The current ARL campus includes multiple buildings constructed in various phases. The complete scope of this project would be defined by the BOE approved construction documents (CD) brochure (see Policy 6020 in the Supporting Data Section for a complete description of the process) and any change orders approved subsequent to submittal of the CD brochure.

| Building Data | |
|--------------------------|-------|
| Year Built | 1968 |
| Age | 49 |
| Site Area (shared acres) | 45.48 |
| Last Renovation/Addition | 1998 |
| Current Relocatables | 0 |

Applications and Research Lab - Current Programs

- Aerospace Engineering: Project Lead the Way Academy
- Architectural Design Academy
- Automotive Technology Academy
- Biotechnology Academy
- Construction Technology
- CyberSecurity Networking Academy
- Early College Program-CyberSecurity
- Academy of Finance
- Academy of Health Professions
- Homeland Security and Emergency Management
- Hotel and Restaurant Management Academy
- Systems and Project Engineering Academy
- Visual Communications Academy

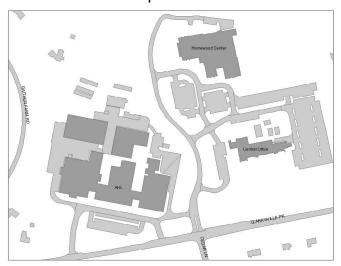


The current Applications and Research Laboratory (ARL) is the Career and Technology High School. The program offers students an opportunity to meet and work with professionals from career fields while building an academic foundation and skill base to be college and career ready. Business partnerships and advisory boards are pivotal in the success of these programs. Students from all 12 high schools and Homewood are currently able to enroll in programs at the ARL. Students use industry standard software and technology through project-based instruction. Students have the opportunity to earn industry certifications and college credits while attending the ARL, preparing them for success in college and careers.

A feasibility study is planned to determine the curricular and facility needs of the replacement building. LEED certification will be studied.



School Location Map



The first year of funding for the MS/HS Career Development Center project will be in FY 2024. The requested sum of \$11 million will allow planning and design to begin. During FY 2025, construction will be started and based upon the current plan the school will open in August 2028.

Details of the budget request for this project can be found on the Capital Budget Request pages in Section 1 (Executive Summary) and the Project Cost Details pages in Section 3 (Project Detail).

Project Timeline



The above chart shows the calendar year timeline for planning and construction for this project (in months). The MS/HS Career Development Center project is scheduled for completion in August of 2028.

Long-Range Plan Adjustments: New Schools (Grades K-12)

Sites to be determined.



Responding to the 2017 Feasibility Study

Planning and zoning changes require changes to the CIP. While the HCPSS is peripheral to land development discussions, land planning decisions impact school system capital improvement plans. Staff continues to work closely with the Department of Planning and Zoning and Public Works to ensure that schools are central to new development. The annual feasibility study analyzes these trends and proposes adjustments to the CIP.

The projections indicate that the FY 2019–2028 long-range plan requires four new elementary schools. Previous budgets introduced ES #42, ES #43, ES #44 and ES #45.

Elementary School Needs

Elementary enrollment is projected to increase by 3,300 students by 2024 and the capacity utilization of all elementary schools combined will begin to exceed 110 percent by 2024. This suggests more elementary capacity is needed in the long-range capital improvement plan. The three areas which will experience the greatest growth over the next five to ten years will be the Route 1 Corridor, Columbia Town Center, and Turf Valley.

ES #43 – Southeastern ES – 1039

The continued growth along the Route 1 Corridor continues to support the need for additional seats between the Northeastern and Southeastern regions. The needs of the southeast region are evident in the projections of Bollman Bridge Elementary School, Gorman Crossing Elementary School and Forest Ridge Elementary School. The location of ES #43 is to be determined. A location in close proximity to the planned Transit Oriented Development is desirable. This project includes the Elementary Regional Language Immersion Program.



Artist rendering of the redevelopment of the Columbia Town Center. The Columbia Town Center report anticipated future needs as a result of this project.

ES #44 - Columbia West ES - 1040

Running Brook Elementary School is expected to exceed 110 percent utilization by 2019. A redistricting strategy alone, which uses nearby schools like Clarksville Elementary School, will not provide an adequate solution to accommodate the projected growth. Faulkner Ridge Center was closed on July 1, 2011. This site is a likely location for redevelopment as a future school.

ES #45 - Turf Valley ES - 1041

Projections continue to support the need for elementary redistricting to relieve overcrowding at Manor Woods Elementary School associated with Turf Valley growth. The addition at Waverly Elementary School can absorb some growth. Considering the limited potential for expanding schools outside of the sewer service area, a Turf Valley school is planned. Land sites are being considered for this future school.

Details of the budget requests for these projects can be found on the Capital Budget Request pages in Section 1 (Executive Summary) and the Project Cost Details pages in Section 3 (Project Detail).

Systemic Renovations: Project TBD



Project Purpose

The Systemic Renovations project will include projects that are needed to bring older facilities up to current standards in lighting, electrical, HVAC systems, reconfiguring space, handicap accessible improvements, and provide for upgrades to other building systems. For larger systemic renovation projects (see schools listed in project details section), the complete scope of projects are defined by the BOE approved construction documents (CD) brochure (see Policy 6020 in the Supporting Data Section for a complete description of the process) and any change orders approved subsequent to submittal of the CD brochure.

| FY 2019 Request Analysis | | |
|---|----|---------------|
| Project Funding (July 1, 2003 - June 30, 2018) | \$ | 253,729,994 |
| Project Cost-to-Date (through June 30, 2017) | | (222,011,878) |
| FY 2018 Projected Costs | | (15,778,116) |
| Available Project Funding (July 1, 2018) | \$ | 15,940,000 |
| | | |
| Requested Budget FY 2019 | \$ | 28,655,000 |

School Facilities is charged with maintaining the facilities and grounds of the Howard County Public School System (HCPSS) in as near original condition and effectiveness as possible. Actual costs incurred in the Systemic Renovations Project over the past five years is below.

| Systemic Renovations Actual Expenses | | | |
|---|----------------|------------|--|
| Fiscal Year | Actual Expense | | |
| FY 2013 | \$ | 21,798,947 | |
| FY 2014 | \$ | 15,593,468 | |
| FY 2015 | \$ | 11,565,498 | |
| FY 2016 | \$ | 10,920,834 | |
| FY 2017 | \$ | 7,872,598 | |



The FY 2019 Capital Budget request represents renovation work or planning for future construction at the following school system facilities:

Mount View Middle School HVAC
Pointers Run Elementary School HVAC
Rockburn Elementary School HVAC
Burleigh Manor Middle School HVAC
ARL - HVAC Program Fall 2018
ARL - Agriculture Program Fall 2018
Applications Research Lab Maintenance
Long Reach HS - Building Envelope
Glenwood MS Exterior Windows/Doors
Special Education/Regional Program Needs
Indoor Environmental Quality Project Repairs
Emergency Reserve





Systemic renovation projects include improvements and installation of systems at various school sites, including projects of a critical nature such as sprinkler repair, HVAC repair, and window replacement. The department publishes an annual Comprehensive Maintenance Plan which reflects the objectives and methods utilized to provide a safe and secure learning environment for Howard County's school community as required by the Public School Construction Program's Administrative Procedures Guide. This document has been consulted in the development of this budget for potential systemic projects.

The Board of Education previously requested information on the cost to implement additional physical security protective measures at each Howard County High School. A review of previously completed vulnerability assessments and facility plans has revealed a range of designs, potential construction requirements, security cameras and physical security concerns. As a result, capital funding is needed to conduct a detailed engineering and security survey of each high school and prepare an accurate report of the funding necessary to upgrade security at these facilities. FY 2019 includes funding in the Planning and Design line for the Feasibility Study, while FY 2020 through FY 2022 include a funding request in the Systemic Renovation line for estimated construction costs.

Roofing Projects: Project TBD



School Facilities oversees the Roofing Projects and provides maintenance and repairs for all HCPSS facilities. Actual costs incurred in Roofing Projects over the past five years is below.

| Roofing Projects Actual Expenses | | | |
|----------------------------------|----------------|-----------|--|
| Fiscal Year | Actual Expense | | |
| FY 2013 | \$ | 3,093,044 | |
| FY 2014 | \$ | 5,468,035 | |
| FY 2015 | \$ | 3,400,190 | |
| FY 2016 | \$ | 2,220,940 | |
| FY 2017 | \$ | 4,830,760 | |

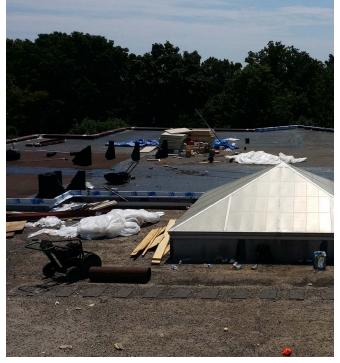
Project Purpose

Roofing Projects will address aging roofs on various Howard County Public School System schools. A well-planned roofing program is critical to all other systems in a capital facility. When roofing systems wear, the damage can impact other systems and multiply costs. Roof planning is more than shingles and as phalt. Modern roofing systems are actually complex investments built to exact specifications and code requirements. The HCPSS inspects each facilities' roof twice a year and provides the reports to the state of Maryland. Planning and project execution must balance system warranties, state funding eligibility, and the risk of maintenance deferral.



FY 2019 Request Analysis

| Project Funding (July 1, 2003 - June 30, 2018) | \$ 45,836,247 |
|---|------------------|
| Project Cost-to-Date (through June 30, 2017) | (42,932,888) |
| FY 2018 Projected Costs | (2,903,359) |
| Available Project Funding (July 1, 2018) | \$ - |
| | |
| Requested Budget FY 2019 | \$ 12,500,000 |

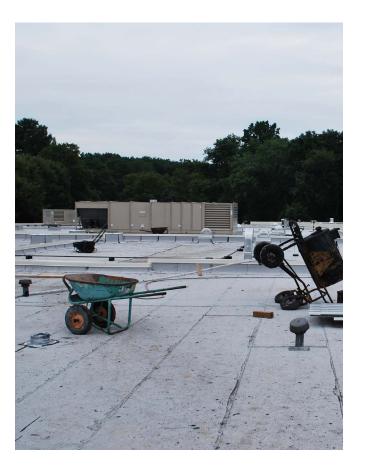


The roof system is the largest single area of the building that must endure the most severe weather conditions. The roof protects the structural integrity of the building, equipment and its systems. Because of building age and environmental conditions, scheduled roof replacements must be completed to protect the investments that have been made in many facilities.

Roofing Projects include the design and construction of repairs to existing roof systems, the removal of old roof systems, and installation of new roof systems to include insulation membrane and flashings, sheet metal, drainage systems, and other associated components.

HCPSS is requesting funding for roof replacement projects in FY 2019. In continued collaboration with the Office of School Construction, roofing Projects will be considered in conjunction with systemic renovations, when feasible.

The Facilities Department is in the process of reviewing significant additional costs and impacts related to the roof replacement projects, such as high ceiling cleaning of debris and fireproofing, budgeting for the 2015 IBC/IECC code for R-30 insulation, exterior sealants may be considered to be included, etc. Facilities will conservatively budget for these items but will have to revisit the schools to determine the final scope for budgeting purposes. These newer items will require additional thought regarding roof budgeting and, maybe more importantly, their impact on the project and schedule, to include phasing.



Playground Equipment: Project 0990



School Facilities oversees the Playground Equipment Project, managing safety requirements and a long-term replacement plan for all HCPSS playgrounds. Actual costs incurred in the Playground Equipment Project over the past five years is below.

| Playgrounds Actual Expenses | | | |
|-----------------------------|----------------|---------|--|
| Fiscal Year | Actual Expense | | |
| FY 2013 | \$ | 240,677 | |
| FY 2014 | \$ | 8,506 | |
| FY 2015 | \$ | 503,412 | |
| FY 2016 | \$ | 85,058 | |
| FY 2017 | \$ | - | |

Project Purpose

The Playground Equipment project will replace aging playgrounds at a variety of Howard County Public School System schools. This fund maintains a cycle of playground replacements. While playgrounds seem to be a standard installment at any elementary school, playgrounds can vary widely in design and are not specifically required by state or local codes or policies. Recess and unstructured play is a standard of Policy 9090 Health and Wellness. Research supports a link between learning and unstructured play. Elementary school students are stimulated by interesting and engaging playground installations. The playground planning process considers the needs of a widerange of ages and skills to develop strength, social skills, coordination, balance, and motor planning.

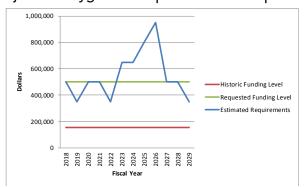
| FY 2019 Request Analysis | | | |
|---|----|-------------|--|
| Project Funding (July 1, 2003 - June 30, 2018) | \$ | 2,930,000 | |
| Project Cost-to-Date (through June 30, 2017) | | (2,321,569) | |
| FY 2018 Projected Costs | | (608,431) | |
| Available Project Funding (July 1, 2018) | \$ | - | |
| Requested Budget FY 2019 | \$ | - | |





Playground replacement is planned every 15 years. In the interim, they are maintained and repaired using operating funds. This schedule delivers new designs and safety improvements in a reasonable period without requiring a much larger share of the capital budget. \$500,000 is adequate to replace two (2) playgrounds per year while allowing for major repairs to equipment and play surfacing. In future years, more than two playground replacements are needed per year. The longterm plan could be adjusted to smooth out the number of replacements per year by advancing or delaying some projects. Decisions about installing specific equipment are school based and require individual contracts. Better pricing may be possible through package bidding. Playground equipment at newly built schools is included in the funding request for the individual capital improvement project.

Projected Playground Replacement Cost per FY



Long-Term Plan Playground Site Fiscal Year Hollifield Station Elementary School Deferred FY 2017 Manor Woods Elementary School Deferred FY 2017 Triadelphia Ridge Elementary School FY 2019 Bryant Woods Elementary School FY 2020 Guilford Elementary School FY 2020 Clarksville Elementary School FY 2021 Worthington Elementary School FY 2021 Bellows Spring Elementary School FY 2022 Gorman Crossing Elementary School FY 2023 Rockburn Elementary School FY 2023 Thunder Hill Elementary School FY 2023 Centennial Lane Elementary School FY 2024 Lisbon Elementary School FY 2024 St John's Lane Elementary School FY 2024 Atholton Elementary School FY 2025 Cedar Lane School at Lime Kiln FY 2025 Dayton Oaks Elementary School FY 2025 West Friendship Elementary School FY 2025 Bollman Bridge Elementary School FY 2026 Bushy Park Elementary School FY 2026 Cradlerock Elementary School FY 2026 Fulton Elementary School FY 2026 Phelps Luck Elementary School FY 2026 Ilchester Elementary School FY 2027 Veterans Elementary School FY 2027 Clemens Crossing Elementary School FY 2028 Waterloo Elementary School FY 2028 FY 2029 Northfield Elementary School

The chart seen to the left shows the estimated funding requirements based upon the long-term plan listed above. Advancing or delaying some projects may help to smooth the funding profile but the graph shows that present funding levels will not be sufficient with future requirements. Risk management and purchasing staff are exploring different bidding methods with standard design options which may save on design costs.

Relocatable Classrooms: Project TBD



Project Purpose

The Relocatable Classrooms project will provide funds for the relocation and repairs of existing portable classrooms or purchase of new portable classrooms to be placed at schools in need of additional capacity. Relocation includes moving the structures as well as the installation of support services that make the portable structures functional classrooms. Additional classroom spaces are needed to help relieve overcapacity schools until permanent classroom spaces are available.

| FY 2019 Request Analysis | | | |
|---|----|--------------|--|
| Project Funding (July 1, 2003 - June 30, 2018) | \$ | 20,410,000 | |
| Project Cost-to-Date (through June 30, 2017) | | (18,067,427) | |
| FY 2018 Projected Costs | | (2,342,573) | |
| Available Project Funding (July 1, 2018) | \$ | - | |
| Requested Budget FY 2019 | \$ | 2,500,000 | |

| Relocatable Classrooms Actual Expenses | | | |
|--|----------------------|--|--|
| Actual Expense | | | |
| \$ | 1,620,398 | | |
| \$ | 1,117,572 | | |
| \$ | 1,613,098 | | |
| \$ | 1,322,547 | | |
| \$ | 661,112 | | |
| | \$ \$ \$ \$ | | |

The School Planning Office evaluates relocatable classroom needs annually in a report to the Board of Education. After a decision is made, the Construction Office oversees the placing and connecting of all HCPSS relocatables. Actual costs incurred in the Relocatable Classrooms Project over the past five years is shown above.



In some cases modular units are integrated into a building's core facility. These units are in use at St. John's Lane Elementary School and Clarksville Middle School. These units are included in building capacity because they are considered permanent additions. In recent renovations, for example Bollman Bridge Elementary School, Deep Run Elementary School and Patuxent Valley Middle School, they have been replaced.

The school system conducts regular reviews of the physical condition and usage of all relocatable/modular units. When units are inspected, the cost of repairs is weighed against the option of retiring the units. Cycling out, and even reducing the inventory, can create operating economies. However, any dramatic reduction of inventory would require a considerable investment in brick and mortar construction.

In September 2017, there were 224 relocatable/ modular classrooms in use (four are used for administrative purposes at the Central Office, all others are at school sites). The school system will continue to conduct regular reviews of all relocatables which will include condition and usage. The potential to either remove relocatables out-of-service, transport them to other locations where needed, or place them in excess to dispose of in an appropriate manner will be decided annually.



Site Acquisition and Construction Reserve: Project TBD



The School Construction Office oversees the Site Acquisition and Construction Reserve Project. Actual costs incurred in the Site Acquisition and Construction Reserve Project over the past five years is below.

| Site Acquisition/Construction Reserve Actual Expenses | | | |
|---|----|-----------|--|
| Fiscal Year | | | |
| FY 2013 | \$ | 526,091 | |
| FY 2014 | \$ | 4,258,073 | |
| FY 2015 | \$ | 22,850 | |
| FY 2016 | \$ | 3,704 | |
| FY 2017 | \$ | 607,123 | |

Project Purpose

The Site Acquisition and Construction Reserve project is needed as a contingency reserve providing funds for use on an as-needed basis. Site funds are needed for future enrollment growth. This account is also a contingency fund for school construction at various school sites. The county government is currently negotiating the purchase of a future school site that will be purchased directly by the county.

| EV 2 | 010 | Dogue | ct And | Jucie |
|------|-----|-------|---------|--------|
| гі 4 | ОТЭ | Reque | est Ana | 117515 |

| 1 1 Zold Request Allarysis | | | |
|---|----|--------------|--|
| Project Funding (July 1, 2003 - June 30, 2018) | \$ | 20,836,241 | |
| Project Cost-to-Date (through June 30, 2017) | | (18,570,287) | |
| FY 2018 Projected Costs | | (2,265,954) | |
| Available Project Funding (July 1, 2018) | \$ | - | |
| | | | |
| Requested Budget FY 2019 | \$ | - | |

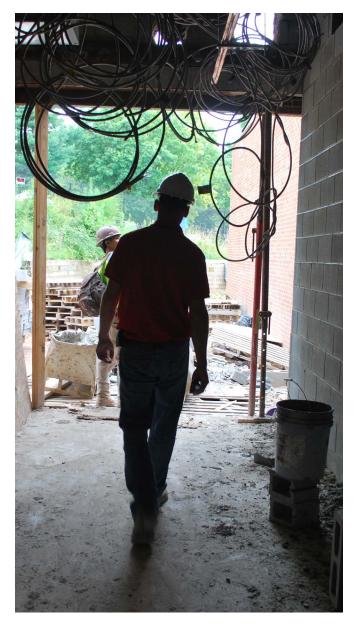


This fund is for site acquisition. The selection and acquisition of appropriate school sites is integral to the development of a capital program. Each proposed school site is carefully evaluated prior to acquisition according to Board-approved selection criteria identified in Policy 6000 Site Selection and Acquisition.

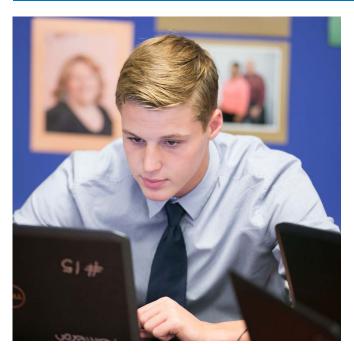
Delays in acquisition of suitable school sites may affect the timing of construction of needed schools. This can result in extended periods of overcrowding situations. In an effort to reduce such delays, the HCPSS continues to maintain a "land bank" that will be called upon to pursue the purchase of potential sites or portions of land to augment sites.

Larger sites identified in the subdivision review process may be reserved to be budgeted as line items in future capital budgets. The state of Maryland regulates but does not pay the costs for site acquisitions; therefore, funds for the purchase of school sites are provided locally by the Howard County Government.

This fund also serves as a construction reserve. Capital planning has been fairly accurate and overruns have been minimal so the actual use of the majority of this fund has been to acquire land. In the past, initial pre-planning expenses have been charged to this account, but the FY 2016 Capital Budget introduced pre-planning as a separate project request.



Technology: Project TBD



The Information Technology Department oversees the Technology Project. A staff of 15 provides maintenance and support for approximately 48,670 computing devices, 3,600 printers, and 300 copier and multifunction devices (MFDs) throughout the system. Actual costs incurred in the Technology Project over the past five years is below.

| Technology Actual Expenses | | | |
|----------------------------|----------------|-----------|--|
| Fiscal Year | Actual Expense | | |
| FY 2013 | \$ | 5,714,919 | |
| FY 2014 | \$ | 3,606,457 | |
| FY 2015 | \$ | 5,226,710 | |
| FY 2016 | \$ | 5,559,784 | |
| FY 2017 | \$ | 458,965 | |

Project Purpose

Technology project funds are required for continuous improvements and upgrades to the HCPSS network infrastructure and computer systems to ensure that instruction and business technology needs are met in a standard and equitable manner. Network infrastructure consists of the equipment needed to connect students and employees to internal and external resources. The equipment must be highly reliable and have enough capacity to meet the ever increasing needs of on-line access. Technology refresh programs, known as "Replacement Plans," have been established to ensure that all HCPSS students and school-based staff are equipped with the appropriate computing and network resources. Replacement Plans are designed to ensure that these essential resources are kept current in order to meet instruction and business technology requirements.

| FY 2019 Request Analysis | | | |
|---|----|--------------|--|
| Project Funding (July 1, 2003 - June 30, 2018) | \$ | 41,986,000 | |
| Project Cost-to-Date (through June 30, 2017) | | (33,929,739) | |
| FY 2018 Projected Costs | | (8,056,261) | |
| Available Project Funding (July 1, 2018) | \$ | - | |
| Requested Budget FY 2019 | \$ | 2,750,000 | |



Project Details

The following network infrastructure projects are candidates for technology capital budget: School servers originally installed in 2008/2009 are end-of-life. There is a need to consolidate school servers as well as data center servers to replace single points of failure and improve redundancy. The initial major roll out of wireless in the schools took place in 2010-11 and has been a tremendous success by any measure. However, the wireless access points (APs) and controllers (Ctrls) are also end-of-life, no longer

supported by the manufacturer and cannot meet



the needs of the today's technology and applications. This equipment will need to be updated and refreshed to ensure network availability. The core of the HCPSS data network was built in 2009 and is lacking redundancy in critical areas. We need to update the core switching to provide the network reliability needed for the system. The telephone system is at end-of-life as well. Its replacement with Voice-Over-Internet Protocol (VOIP) technology switches and telephone sets is critical to ensure communications between the central office, schools, and the communities they serve. Furthermore, the disaster recovery infrastructure needs to be refreshed to ensure recovery of systems in the event of a natural or man-made disaster.

| Project | User | Purpose | Age | Cost |
|------------------------|-----------|--------------------|-------|--------|
| School Servers | All HCPSS | Store student data | 9 yr | \$0.8M |
| Wireless APs+Ctrls | All HCPSS | Access network | 8 yr | \$0.4M |
| Data Center Switches | All HCPSS | Access network | 11 yr | \$0.5M |
| VOIP switches+tel sets | All HCPSS | Communication | 30 yr | \$4.5M |

The following computer replacement projects are candidates for technology capital budget: Starting in FY2007, the Technology Department was funded to replace HCPSS school computers on 4-year cycles. 4 Replacement Plans (RP) were initiated to spread their deployment timeline and cost over 4 years. RP3.0 started in FY2009 for all school-based curriculum programs. Computers were next replaced in FY2013 along with printers. Replacing these 6,143 computers and 155 printers (which will be 6 years old in FY2019 and not covered by any repair warranty) will cost \$6.4M. In addition, the 3,720 computers purchased in FY2013 associated with on-line testing and elementary & middle school instructional use will also be 7 years old in FY2019 and not covered by any repair warranty. This estimated replacement cost for these 3,720 computers in \$2.0M. Lastly, 1,600 general labs and media center computers in high schools (HS) will be 8 years old are 6 years old and not covered by any repair warranty. The batteries for most of the laptops will not hold a charge and are swelling causing the cases to break apart. The estimated cost to replace with identical Dell computers is \$1.6M.

| Project | User | Purpose | # Computers | Age | Cost |
|---------------------|----------|---------------------|-------------|------|--------|
| RP3.0 | students | curriculum | 6,143 | 6 yr | \$6.4M |
| Testing+Instruction | students | Testing+instruction | 3,720 | 7 yr | \$2.0M |
| HS labs | students | labs | 1,600 | 8 yr | \$1.6M |

School Parking Lot Expansions: Project 1012



School Facilities oversees the School Parking Lot Expansions Project. Actual costs incurred in the School Parking Lot Expansions Project over the past five years is shown below.

| Parking Lot Expansion Actual Expenses | | | | | | | | | | |
|---------------------------------------|----------------|--|--|--|--|--|--|--|--|--|
| Fiscal Year | Actual Expense | | | | | | | | | |
| FY 2013 | \$ - | | | | | | | | | |
| FY 2014 | \$ - | | | | | | | | | |
| FY 2015 | \$ - | | | | | | | | | |
| FY 2016 | \$ - | | | | | | | | | |
| FY 2017 | \$ - | | | | | | | | | |

Project Purpose

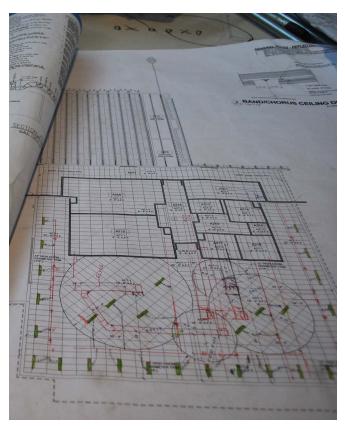
Parking lot expansions are necessary due to the insufficient supply of spaces to meet existing needs. Funds are used for parking improvements on sites that are not scheduled for other construction projects. This project provides for the construction of additional parking spaces and modification of parking lots to improve traffic flow patterns at existing school sites.

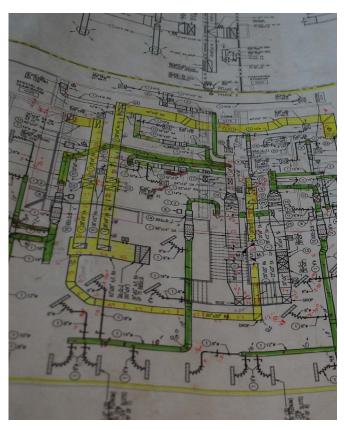
FY 2019 Request Analysis

| Project Funding (July 1, 2003 - June 30, 2018) | \$ 4,200,370 |
|---|-----------------|
| Project Cost-to-Date (through June 30, 2017) | (3,580,764) |
| FY 2018 Projected Costs | (350,000) |
| Available Project Funding (July 1, 2018) | \$ 269,606 |
| | |
| Requested Budget FY 2019 | \$ - |



Planning and Design: Project 1038





Project Purpose

The Planning and Design Project has been established to provide funding for feasibility studies prior to the funding of individual projects. During the concept development stage, each project is summarized, supporting documentation is gathered, and necessary approvals are obtained before construction begins. A feasibility study provides the analysis to determine the scope and breadth of a project under consideration.

The value of these studies is having the flexibility to ask technical questions about projects before the formal design process. With these studies, projects can be "right sized." The replacement of Wilde Lake Middle School is a good example. The feasibility study helped guide a decision to replace the school. Pricing for these studies is favorable because design consultants want to obtain the full design project. Through a feasibility study, the Board is able to examine the needs of an existing building as well as unexpected design circumstances. These studies ensure the selection of the most effective scope for each project. This process will reduce the costs

associated with significant changes in scope, which often occur in a compressed planning schedule. In the construction phase, the reduced number of change orders will lessen the impact on the construction schedule and decrease incremental costs. Proposed studies for FY 2019 are listed below. Future year studies may include out-year construction projects and/or the considerations for the potential mandate of All-Day Pre-K.

Proposed Feasibility Studies in FY 2019

New HS #13

High School Security Measures

MS/HS Career Development Center

The Office of School Construction oversees the planning and design for capital projects. Staff serve as the fiduciary agent for the administration of the Howard County Public School System/Board of Education construction contracts. The office recommends the selection of design consultants of capital projects to the Board of Education and supervises these consultants. Details regarding the High School Security Measure project are noted on the Systemic Renovation Project page.

Barrier-Free Projects: Project 0989



An accessibility ramp to access the upper level play area at Bryant Woods Elementary School.

Project Purpose

Barrier-Free Projects will include installation of ramps; alteration of restrooms, fixtures, and drinking fountains; and various modifications to make all remaining spaces (school buildings and school sites) accessible to the public, students, teachers, and staff. Federal, state, and local regulations require that school facilities be made accessible to the physically handicapped by removing barriers to access. Examples of projects include stadium bleacher ramps, play field access ramps, automatic door opening devices, reconfiguration of bathroom fixtures and partitions to allow wheelchair access, and other school-specific projects that remove barriers as described in project details.

School Facilities oversees the Barrier-Free Projects. Actual costs incurred in the Barrier-Free Projects over the past five years is shown below.

| Barrier Free Actual Expenses | | | | | | | | | | | |
|------------------------------|----|---------------|--|--|--|--|--|--|--|--|--|
| Fiscal Year | Δ | ctual Expense | | | | | | | | | |
| FY 2013 | \$ | 77,734 | | | | | | | | | |
| FY 2014 | \$ | 119,445 | | | | | | | | | |
| FY 2015 | \$ | 23,580 | | | | | | | | | |
| FY 2016 | \$ | 54,747 | | | | | | | | | |
| FY 2017 | \$ | 234,811 | | | | | | | | | |



Lift room for access to the stage.

| FY 2019 Reques | t Anal | ysis |
|---|--------|-------------|
| Project Funding (July 1, 2003 - June 30, 2018) | \$ | 5,627,500 |
| Project Cost-to-Date (through June 30, 2017) | | (5,056,965) |
| FY 2018 Projected Costs | | (570,535) |
| Available Project Funding (July 1, 2018) | \$ | - |
| Requested Budget FY 2019 | \$ | - |

Project Details

The Americans with Disabilities Act (ADA) of 1990 is a comprehensive civil rights law that makes it unlawful for public and private employers to discriminate against individuals with disabilities. This law, as well as COMAR, and best risk management practices require that HCPSS be ready to adjust our physical plant for access.

The barrier-free fundensures our facilities provide full access to all students. When buildings are designed with accessibility in mind, issues are addressed in the schematic phase of a project. This practice generally produces buildings that are more accessible at the best cost.

With changing student enrollments, unique access issues may arise after the building is completed. This fund is used to make sensible, low-cost adjustments to improve overall access. This project funding is ongoing.



Elevator for transportation to the second-story level.

Waverly ES (Grades K-5) RENOVATION / PHASE II ADDITION

Project: 0973

(In Thousands)

| Source of Fu | unds | | Five-Yec | ır Capital | Program | | | Master Plan | | | | |
|--------------|------------------------|----------|----------|------------|---------|--------|--------|-------------|--------|--------|--------|-----------|
| Туре | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Bonds | \$ 16,720 | \$ 4,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 20,720 |
| Paygo | - | - | - | - | - | - | - | - | - | - | - | - |
| State Aid | 11,650 | - | - | - | - | - | - | - | - | - | - | 11,650 |
| Transfer Tax | 3,200 | - | - | - | - | - | - | - | - | - | - | 3,200 |
| Z Bonds | 885 | - | - | - | - | - | - | - | - | - | - | 885 |
| Total Funds | \$ 32,455 | \$ 4,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 36,455 |

| Use of Fund | S | Five-Year Capital Program | | | | | | | Master Plan | | | |
|--------------------|------------------------|---------------------------|--------|--------|--------|--------|--------|--------|-------------|--------|--------|-----------|
| Description | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Plans/Engineering | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Construction | 32,455 | 2,850 | - | - | - | - | - | - | - | - | - | 35,305 |
| Equip./Furnishings | - | 1,150 | - | - | - | - | - | - | - | - | - | 1,150 |
| Total Expenditures | \$ 32,455 | \$ 4,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 36,455 |

Project Commencement FY 2003

Project: 0973

70

FY 2019

Superintendent's Proposed Capital Budget

New ES #42 (Grades K-5) NEW SCHOOL

Project: 1028

(In Thousands)

| Source of Fu | unds | | Five-Year Capital Program | | | | | Master Plan | | | | |
|--------------|------------------------|----------|---------------------------|--------|--------|--------|--------|-------------|--------|--------|--------|-----------|
| Туре | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Bonds | \$ 20,833 | \$ 8,132 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 28,965 |
| Paygo | - | - | - | - | - | - | - | - | - | - | - | - |
| State Aid | 14,908 | - | - | - | - | - | - | - | - | - | - | 14,908 |
| Transfer Tax | - | - | - | - | - | - | - | - | - | - | - | - |
| Z Bonds | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Funds | \$ 35,741 | \$ 8,132 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 43,873 |

| Use of Fund | S | Five-Year Capital Program | | | | | | Master Plan | | | | |
|--------------------|------------------------|---------------------------|--------|--------|--------|--------|--------|-------------|--------|--------|--------|-----------|
| Description | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Plans/Engineering | \$ 2,807 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 2,807 |
| Construction | 32,934 | 6,787 | - | - | - | - | - | - | - | - | - | 39,721 |
| Equip./Furnishings | - | 1,345 | - | - | - | - | - | - | - | - | - | 1,345 |
| Total Expenditures | \$ 35,741 | \$ 8,132 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 43,873 |

Project Commencement FY 2016

FY 2019

Superintendent's Proposed Capital Budget

Talbott Springs ES (Grades K–5)

RENOVATION

Project: 1043

(In Thousands)

| Source of Fu | | Five-Year Capital Program | | | | | | | | | | |
|--------------|------------------------|---------------------------|----------|----------|----------|--------|--------|--------|--------|--------|--------|-----------|
| Туре | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Bonds | \$ - | \$ 8,156 | \$18,250 | \$12,218 | \$ 2,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 40,624 |
| Paygo | - | - | - | - | - | - | - | - | - | - | - | - |
| State Aid | - | - | - | - | - | - | - | - | - | - | - | - |
| Transfer Tax | - | - | - | - | - | - | - | - | - | - | - | - |
| Z Bonds | 1,000 | - | - | - | - | - | - | - | - | - | - | 1,000 |
| Total Funds | \$ 1,000 | \$ 8,156 | \$18,250 | \$12,218 | \$ 2,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 41,624 |

| Use of Fund | S | | | Five-Yea | Program | ogram Master Plan | | | | | | |
|--------------------|------------------------|----------|----------|----------|----------|-------------------|--------|--------|--------|--------|--------|-----------|
| Description | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Plans/Engineering | \$ 1,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 1,000 |
| Construction | - | 8,156 | 18,250 | 12,218 | 1,000 | - | - | - | - | - | - | 39,624 |
| Equip./Furnishings | - | - | - | - | 1,000 | - | - | - | - | - | - | 1,000 |
| Total Expenditures | \$ 1,000 | \$ 8,156 | \$18,250 | \$12,218 | \$ 2,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 41,624 |

Project Commencement FY 2019

New HS #13 (Grades 9–12) NEW SCHOOL

Project: 1035

(In Thousands)

| Source of F | unds | | | Five-Yed | ır Capital | Program | | | Maste | er Plan | | |
|--------------|------------------------|----------|----------|----------|------------|----------|--------|--------|--------|---------|--------|------------|
| Туре | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Bonds | \$ - | \$11,732 | \$29,066 | \$39,350 | \$38,350 | \$ 5,566 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 124,064 |
| Paygo | - | - | - | - | - | - | - | - | - | - | - | - |
| State Aid | - | - | - | - | - | - | - | - | - | - | - | - |
| Transfer Tax | - | - | - | - | - | - | - | - | - | - | - | - |
| Z Bonds | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Funds | \$ - | \$11,732 | \$29,066 | \$39,350 | \$38,350 | \$ 5,566 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 124,064 |

| Use of Fund | S | | | Five-Yea | r Capital | Program | | | Maste | er Plan | | |
|--------------------|------------------------|----------|----------|----------|-----------|----------|--------|--------|--------|---------|--------|------------|
| Description | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Plans/Engineering | \$ - | \$11,732 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 11,732 |
| Construction | - | - | 29,066 | 39,350 | 38,350 | 566 | - | - | - | - | - | 107,332 |
| Equip./Furnishings | - | - | - | - | - | 5,000 | - | - | - | - | - | 5,000 |
| Total Expenditures | \$ - | \$11,732 | \$29,066 | \$39,350 | \$38,350 | \$ 5,566 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 124,064 |

Project Commencement FY 2018

Dunloggin MS(Grades 6-8) RENOVATION/ADDITION

Project: TBD

(In Thousands)

| Source of Fu | unds | | | Five-Yea | ır Capital | Program | | | Maste | er Plan | | |
|--------------|------------------------|----------|----------|----------|------------|----------|--------|--------|--------|---------|--------|-----------|
| Туре | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Bonds | \$ - | \$ 1,000 | \$15,694 | \$15,671 | \$ 3,534 | \$ 3,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 38,899 |
| Paygo | - | - | - | - | - | - | - | - | - | - | - | - |
| State Aid | - | - | - | - | - | - | - | - | - | - | - | - |
| Transfer Tax | - | - | - | - | - | - | - | - | - | - | - | - |
| Z Bonds | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Funds | \$ - | \$ 1,000 | \$15,694 | \$15,671 | \$ 3,534 | \$ 3,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 38,899 |

| Use of Fund | S | | | Five-Yea | ır Capital | Program | | | Maste | er Plan | | |
|--------------------|------------------------|----------|----------|----------|------------|----------|--------|--------|--------|---------|--------|-----------|
| Description | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Plans/Engineering | \$ - | \$ 1,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 1,000 |
| Construction | - | - | 15,694 | 15,671 | 3,034 | 2,500 | - | - | - | - | - | 36,899 |
| Equip./Furnishings | - | - | - | - | 500 | 500 | - | - | - | - | - | 1,000 |
| Total Expenditures | \$ - | \$ 1,000 | \$15,694 | \$15,671 | \$ 3,534 | \$ 3,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 38,899 |

Project Commencement FY 2019

Oakland Mills MS (Grades 6–8) RENOVATION

Project: 1036

(In Thousands)

| Source of Fu | unds | | | Five-Yeo | ır Capital | Program | | | Maste | er Plan | | |
|--------------|------------------------|--------|----------|----------|------------|----------|--------|--------|--------|---------|--------|-----------|
| Туре | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Bonds | \$ - | \$ - | \$ 9,003 | \$14,404 | \$10,603 | \$ 2,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 36,010 |
| Paygo | - | - | - | - | - | - | - | - | - | - | - | - |
| State Aid | - | - | - | - | - | - | - | - | - | - | - | - |
| Transfer Tax | - | - | - | - | - | - | - | - | - | - | - | - |
| Z Bonds | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Funds | \$ - | \$ - | \$ 9,003 | \$14,404 | \$10,603 | \$ 2,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 36,010 |

| Use of Fund | S | | | Five-Yea | r Capital | Program | | | Maste | er Plan | | |
|--------------------|------------------------|--------|----------|----------|-----------|----------|--------|--------|--------|---------|--------|-----------|
| Description | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Plans/Engineering | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Construction | - | - | 9,003 | 14,404 | 10,603 | 1,000 | - | - | - | - | - | 35,010 |
| Equip./Furnishings | - | - | - | - | - | 1,000 | - | - | - | - | - | 1,000 |
| Total Expenditures | \$ - | \$ - | \$ 9,003 | \$14,404 | \$10,603 | \$ 2,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 36,010 |

Project Commencement FY 2016

Ellicott Mills MS (Grades 6–8) ADDITION

Project: 1037

(In Thousands)

| Source of Fu | unds | | | Five-Yed | ır Capital | Program | | | Maste | er Plan | | |
|--------------|------------------------|--------|--------|----------|------------|---------|--------|--------|--------|---------|--------|----------|
| Туре | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Bonds | \$ - | \$ - | \$ 788 | \$ 7,627 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 8,415 |
| Paygo | - | - | - | - | - | - | - | - | - | - | - | - |
| State Aid | - | - | - | - | - | - | - | - | - | - | - | - |
| Transfer Tax | - | - | - | - | - | - | - | - | - | - | - | - |
| Z Bonds | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Funds | \$ - | \$ - | \$ 788 | \$ 7,627 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 8,415 |

| Use of Fund | S | | | Five-Yea | r Capital | Program | | | Maste | er Plan | | |
|--------------------|------------------------|--------|--------|----------|-----------|---------|--------|--------|--------|---------|--------|----------|
| Description | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Plans/Engineering | \$ - | \$ - | \$ 788 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 788 |
| Construction | - | - | - | 7,127 | - | - | - | - | - | - | - | 7,127 |
| Equip./Furnishings | - | - | - | 500 | - | - | - | - | - | - | - | 500 |
| Total Expenditures | \$ - | \$ - | \$ 788 | \$ 7,627 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 8,415 |

Project Commencement FY 2022

Clarksville ES(Grades K-5) ADDITION

Project: TBD

(In Thousands)

| Source of F | unds | | | Five-Yec | ır Capital | Program | | | Maste | er Plan | | |
|--------------|------------------------|--------|----------|----------|------------|---------|--------|--------|--------|---------|--------|-----------|
| Туре | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Bonds | \$ - | \$ - | \$ 2,000 | \$ 7,000 | \$ 1,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 10,000 |
| Paygo | - | - | - | - | - | - | - | - | - | - | - | - |
| State Aid | - | - | - | - | - | - | - | - | - | - | - | - |
| Transfer Tax | - | - | - | - | - | - | - | - | - | - | - | - |
| Z Bonds | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Funds | \$ - | \$ - | \$ 2,000 | \$ 7,000 | \$ 1,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 10,000 |

| Use of Fund | S | | | Five-Yea | r Capital | Program | | | Maste | er Plan | | |
|--------------------|------------------------|--------|----------|----------|-----------|---------|--------|--------|--------|---------|--------|-----------|
| Description | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Plans/Engineering | \$ - | \$ - | \$ 2,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 2,000 |
| Construction | - | - | - | 7,000 | 500 | - | - | - | - | - | - | 7,500 |
| Equip./Furnishings | - | - | - | - | 500 | - | - | - | - | - | - | 500 |
| Total Expenditures | \$ - | \$ - | \$ 2,000 | \$ 7,000 | \$ 1,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 10,000 |

New ES #43 (Grades K-5) NEW SCHOOL

Project: 1039

(In Thousands)

| Source of F | unds | | | Five-Yea | ır Capital | Program | | | Maste | er Plan | | |
|--------------|------------------------|--------|----------|----------|------------|----------|--------|--------|--------|---------|--------|-----------|
| Туре | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Bonds | \$ - | \$ - | \$ 5,705 | \$15,881 | \$21,175 | \$15,881 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 58,642 |
| Paygo | - | - | - | - | - | - | - | - | - | - | - | - |
| State Aid | - | - | - | - | - | - | - | - | - | - | - | - |
| Transfer Tax | - | - | - | - | - | - | - | - | - | - | - | - |
| Z Bonds | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Funds | \$ - | \$ - | \$ 5,705 | \$15,881 | \$21,175 | \$15,881 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 58,642 |

| Use of Fund | S | | | Five-Yea | ır Capital | Program | | | Maste | er Plan | | |
|--------------------|------------------------|--------|----------|----------|------------|----------|--------|--------|--------|---------|--------|-----------|
| Description | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Plans/Engineering | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Construction | - | - | 5,705 | 15,881 | 21,175 | 13,687 | - | - | - | - | - | 56,448 |
| Equip./Furnishings | - | - | - | - | - | 2,194 | - | - | - | - | - | 2,194 |
| Total Expenditures | \$ - | \$ - | \$ 5,705 | \$15,881 | \$21,175 | \$15,881 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 58,642 |

Project Commencement FY 2024

Hammond HS (Grades 9–12) RENOVATION/ADDITION

Project: 1024

(In Thousands)

| Source of F | unds | | | Five-Yed | ır Capital | Program | | | Maste | er Plan | | |
|--------------|------------------------|--------|--------|----------|------------|----------|----------|----------|----------|----------|----------|-----------|
| Туре | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Bonds | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 2,800 | \$25,748 | \$21,890 | \$19,890 | \$11,099 | \$16,100 | \$ 97,527 |
| Paygo | - | - | - | - | - | - | - | - | - | - | - | - |
| State Aid | - | - | - | - | - | - | - | - | - | - | - | - |
| Transfer Tax | - | - | - | - | - | - | - | - | - | - | - | - |
| Z Bonds | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Funds | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 2,800 | \$25,748 | \$21,890 | \$19,890 | \$11,099 | \$16,100 | \$ 97,527 |

| Use of Fund | S | | | Five-Yed | ır Capital | Program | | | Maste | er Plan | | |
|--------------------|------------------------|--------|--------|----------|------------|----------|----------|----------|----------|----------|----------|-----------|
| Description | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Plans/Engineering | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 2,800 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 2,800 |
| Construction | - | - | - | - | - | - | 25,748 | 21,890 | 19,890 | 11,099 | 13,100 | 91,727 |
| Equip./Furnishings | - | - | - | - | - | - | - | - | - | - | 3,000 | 3,000 |
| Total Expenditures | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 2,800 | \$25,748 | \$21,890 | \$19,890 | \$11,099 | \$16,100 | \$ 97,527 |

Project Commencement FY 2019

FY 2019

Superintendent's Proposed Capital Budget

New ES #44 (Grades K-5) NEW SCHOOL

Project: 1040

(In Thousands)

| Source of F | unds | | | Five-Yed | ır Capital | Program | | | Maste | er Plan | | |
|--------------|------------------------|--------|--------|----------|------------|---------|----------|----------|----------|----------|--------|-----------|
| Туре | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Bonds | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 5,705 | \$15,881 | \$21,175 | \$15,881 | \$ - | \$ 58,642 |
| Paygo | - | - | - | - | - | - | - | - | - | - | - | - |
| State Aid | - | - | - | - | - | - | - | - | - | - | - | - |
| Transfer Tax | - | - | - | - | - | - | - | - | - | - | - | - |
| Z Bonds | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Funds | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 5,705 | \$15,881 | \$21,175 | \$15,881 | \$ - | \$ 58,642 |

| Use of Fund | S | | | Five-Yea | ır Capital | Program | | | Maste | er Plan | | |
|--------------------|------------------------|--------|--------|----------|------------|---------|----------|----------|----------|----------|--------|-----------|
| Description | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Plans/Engineering | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 5,705 | \$ - | \$ - | \$ - | \$ - | \$ 5,705 |
| Construction | - | - | - | - | - | - | - | 15,881 | 21,175 | 13,687 | - | 50,743 |
| Equip./Furnishings | - | - | - | - | - | - | - | - | - | 2,194 | - | 2,194 |
| Total Expenditures | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 5,705 | \$15,881 | \$21,175 | \$15,881 | \$ - | \$ 58,642 |

Project Commencement FY 2025

MS/HS Career Development Center (Grades 6–12) NEW SCHOOL

Project: TBD

(In Thousands)

| Source of Fu | unds | | | Five-Yec | ır Capital | Program | | | Maste | er Plan | | |
|--------------|------------------------|--------|--------|----------|------------|---------|----------|----------|----------|----------|----------|------------|
| Туре | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Bonds | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$11,232 | \$22,566 | \$30,850 | \$31,686 | \$22,566 | \$ 118,900 |
| Paygo | - | - | - | - | - | - | - | - | - | - | - | - |
| State Aid | - | - | - | - | - | - | - | - | - | - | - | - |
| Transfer Tax | - | - | - | - | - | - | - | - | - | - | - | - |
| Z Bonds | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Funds | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$11,232 | \$22,566 | \$30,850 | \$31,686 | \$22,566 | \$ 118,900 |

| Use of Fund | S | | | Five-Yed | ır Capital | Program | | | Maste | er Plan | | |
|--------------------|------------------------|--------|--------|----------|------------|---------|----------|----------|----------|----------|----------|-----------|
| Description | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Plans/Engineering | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$11,232 | \$ - | \$ - | \$ - | \$ - | \$ 11,232 |
| Construction | - | - | - | - | - | - | - | 22,566 | 30,850 | 31,686 | 17,566 | 102,668 |
| Equip./Furnishings | - | - | - | - | - | - | - | - | - | - | 5,000 | 5,000 |
| Total Expenditures | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$11,232 | \$22,566 | \$30,850 | \$31,686 | \$22,566 | \$118,900 |

Project Commencement FY 2019

New ES #45 (Grades K-5) NEW SCHOOL

Project: 1041

(In Thousands)

| Source of F | unds | | | Five-Yec | ır Capital | Program | | | Maste | er Plan | | |
|--------------|------------------------|--------|--------|----------|------------|---------|--------|--------|----------|----------|----------|-----------|
| Туре | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Bonds | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 5,705 | \$15,881 | \$21,175 | \$ 42,761 |
| Paygo | - | - | - | - | - | - | - | - | - | - | - | - |
| State Aid | - | - | - | - | - | - | - | - | - | - | - | - |
| Transfer Tax | - | - | - | - | - | - | - | - | - | - | - | - |
| Z Bonds | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Funds | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 5,705 | \$15,881 | \$21,175 | \$ 42,761 |

| Use of Fund | S | | | Five-Yea | ır Capital | Program | | | Maste | er Plan | | |
|--------------------|------------------------|--------|--------|----------|------------|---------|--------|--------|----------|----------|----------|-----------|
| Description | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Plans/Engineering | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 5,705 | \$ - | \$ - | \$ 5,705 |
| Construction | - | - | - | - | - | - | - | - | - | 15,881 | 21,175 | 37,056 |
| Equip./Furnishings | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Expenditures | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 5,705 | \$15,881 | \$21,175 | \$ 42,761 |

Project Commencement FY 2026

Systemic Renovations

Project: TBD

(In Thousands)

| Source of Fu | unds | | | Five-Yec | ır Capital | Program | | | Maste | er Plan | | |
|--------------|------------------------|----------|----------|----------|------------|----------|----------|----------|----------|----------|----------|------------|
| Туре | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Bonds | \$ - | \$28,655 | \$25,694 | \$31,435 | \$30,227 | \$45,956 | \$56,467 | \$59,290 | \$62,255 | \$65,368 | \$68,636 | \$ 473,983 |
| Paygo | - | - | - | - | - | - | - | - | - | - | - | - |
| State Aid | - | - | - | - | - | - | - | - | - | - | - | - |
| Transfer Tax | - | - | - | - | - | - | - | - | - | - | - | - |
| Z Bonds | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Funds | \$ - | \$28,655 | \$25,694 | \$31,435 | \$30,227 | \$45,956 | \$56,467 | \$59,290 | \$62,255 | \$65,368 | \$68,636 | \$ 473,983 |

| Use of Fund | S | | | Five-Yea | ır Capital | Program | | | Maste | er Plan | | |
|--------------------|------------------------|----------|----------|----------|------------|----------|----------|----------|----------|----------|----------|------------|
| Description | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Plans/Engineering | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Construction | - | 28,655 | 25,694 | 31,435 | 30,227 | 45,956 | 56,467 | 59,290 | 62,255 | 65,368 | 68,636 | 473,983 |
| Equip./Furnishings | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Expenditures | \$ - | \$28,655 | \$25,694 | \$31,435 | \$30,227 | \$45,956 | \$56,467 | \$59,290 | \$62,255 | \$65,368 | \$68,636 | \$ 473,983 |

Project Commencement FY 2004

Roofing Projects

Project: TBD

(In Thousands)

| Source of Fu | unds | | | Five-Yed | ır Capital | Program | | | Maste | er Plan | | |
|--------------|------------------------|----------|----------|----------|------------|----------|----------|----------|----------|----------|----------|-----------|
| Туре | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Bonds | \$ - | \$12,500 | \$ 5,000 | \$ 5,000 | \$ 5,000 | \$ 5,000 | \$ 5,000 | \$ 5,000 | \$ 5,000 | \$ 5,000 | \$ 5,000 | \$ 57,500 |
| Paygo | - | - | - | - | - | - | - | - | - | - | - | - |
| State Aid | - | - | - | - | - | - | - | - | - | - | - | - |
| Transfer Tax | - | - | - | - | - | - | - | - | - | - | - | - |
| Z Bonds | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Funds | \$ - | \$12,500 | \$ 5,000 | \$ 5,000 | \$ 5,000 | \$ 5,000 | \$ 5,000 | \$ 5,000 | \$ 5,000 | \$ 5,000 | \$ 5,000 | \$ 57,500 |

| Use of Fund | S | | | Five-Yea | r Capital | Program | | | Maste | er Plan | | |
|--------------------|------------------------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|----------|-----------|
| Description | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Plans/Engineering | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Construction | - | 12,500 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 57,500 |
| Equip./Furnishings | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Expenditures | \$ - | \$12,500 | \$ 5,000 | \$ 5,000 | \$ 5,000 | \$ 5,000 | \$ 5,000 | \$ 5,000 | \$ 5,000 | \$ 5,000 | \$ 5,000 | \$ 57,500 |

Project Commencement FY 2004

FY 2019

Superintendent's Proposed Capital Budget

Playground Equipment

Project: 0990

(In Thousands)

| Source of F | unds | | | Five-Yed | ar Capital | Program | | | Maste | er Plan | | |
|--------------|------------------------|--------|--------|----------|------------|---------|--------|--------|--------|---------|--------|----------|
| Туре | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Bonds | \$ 2,350 | \$ - | \$ 500 | \$ 500 | \$ 500 | \$ 500 | \$ 500 | \$ 500 | \$ 500 | \$ 500 | \$ 500 | \$ 6,850 |
| Paygo | - | - | - | - | - | - | - | - | - | - | - | - |
| State Aid | - | - | - | - | - | - | - | - | - | - | - | - |
| Transfer Tax | 580 | - | - | - | - | - | - | - | - | - | - | 580 |
| Z Bonds | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Funds | \$ 2,930 | \$ - | \$ 500 | \$ 500 | \$ 500 | \$ 500 | \$ 500 | \$ 500 | \$ 500 | \$ 500 | \$ 500 | \$ 7,430 |

| Use of Fund | S | | | Five-Yea | r Capital | Program | | | Maste | er Plan | | |
|--------------------|------------------------|--------|--------|----------|-----------|---------|--------|--------|--------|---------|--------|----------|
| Description | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Plans/Engineering | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Construction | 2,930 | - | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 7,430 |
| Equip./Furnishings | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Expenditures | \$ 2,930 | \$ - | \$ 500 | \$ 500 | \$ 500 | \$ 500 | \$ 500 | \$ 500 | \$ 500 | \$ 500 | \$ 500 | \$ 7,430 |

Project Commencement FY 2002

Relocatable Classrooms

Project: TBD

(In Thousands)

| Source of Fu | unds | | | Five-Yea | r Capital | Program | | | Maste | er Plan | | |
|--------------|------------------------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|----------|-----------|
| Туре | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Bonds | \$ - | \$ 2,500 | \$ 2,500 | \$ 1,500 | \$ 1,500 | \$ 1,500 | \$ 1,500 | \$ 1,500 | \$ 1,500 | \$ 1,500 | \$ 1,500 | \$ 17,000 |
| Paygo | - | - | - | - | - | - | - | - | - | - | - | - |
| State Aid | - | - | - | - | - | - | - | - | - | - | - | - |
| Transfer Tax | - | - | - | - | - | - | - | - | - | - | - | - |
| Z Bonds | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Funds | \$ - | \$ 2,500 | \$ 2,500 | \$ 1,500 | \$ 1,500 | \$ 1,500 | \$ 1,500 | \$ 1,500 | \$ 1,500 | \$ 1,500 | \$ 1,500 | \$ 17,000 |

| Use of Fund | S | | | Five-Yea | r Capital | Program | | | Maste | r Plan | | |
|--------------------|------------------------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|----------|-----------|
| Description | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Plans/Engineering | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Construction | - | 2,500 | 2,500 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 17,000 |
| Equip./Furnishings | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Expenditures | \$ - | \$ 2,500 | \$ 2,500 | \$ 1,500 | \$ 1,500 | \$ 1,500 | \$ 1,500 | \$ 1,500 | \$ 1,500 | \$ 1,500 | \$ 1,500 | \$ 17,000 |

Project Commencement FY 2004

Site Acquisition and Construction Reserve

Project: TBD

(In Thousands)

| Source of F | unds | | | Five-Yea | r Capital | Program | | | Maste | er Plan | | |
|--------------|------------------------|--------|----------|----------|-----------|----------|----------|----------|----------|----------|----------|-----------|
| Туре | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Bonds | \$ - | \$ - | \$ 2,000 | \$ 2,000 | \$ 2,000 | \$ 2,000 | \$ 2,000 | \$ 2,000 | \$ 2,000 | \$ 2,000 | \$ 2,000 | \$ 18,000 |
| Paygo | - | - | - | - | - | - | - | - | - | - | - | - |
| State Aid | - | - | - | - | - | - | - | - | - | - | - | - |
| Transfer Tax | - | - | - | - | - | - | - | - | - | - | - | - |
| Z Bonds | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Funds | \$ - | \$ - | \$ 2,000 | \$ 2,000 | \$ 2,000 | \$ 2,000 | \$ 2,000 | \$ 2,000 | \$ 2,000 | \$ 2,000 | \$ 2,000 | \$ 18,000 |

| Use of Fund | S | | | Five-Yed | ır Capital | Program | | | Maste | er Plan | | |
|--------------------|------------------------|--------|----------|----------|------------|----------|----------|----------|----------|----------|----------|-----------|
| Description | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Plans/Engineering | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Construction | - | - | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 18,000 |
| Equip./Furnishings | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Expenditures | \$ - | \$ - | \$ 2,000 | \$ 2,000 | \$ 2,000 | \$ 2,000 | \$ 2,000 | \$ 2,000 | \$ 2,000 | \$ 2,000 | \$ 2,000 | \$ 18,000 |

Project Commencement FY 2004

FY 2019

Superintendent's Proposed Capital Budget

Technology

Project: TBD

(In Thousands)

| Source of F | unds | | | Five-Yec | ır Capital | Program | | | Maste | er Plan | | |
|--------------|------------------------|----------|----------|----------|------------|----------|----------|----------|----------|----------|----------|-----------|
| Туре | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Bonds | \$ - | \$ 2,750 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 2,750 |
| Paygo | - | - | - | - | - | - | - | - | - | - | - | - |
| State Aid | - | - | - | - | - | - | - | - | - | - | - | - |
| Transfer Tax | - | - | 5,500 | 5,500 | 7,500 | 7,500 | 7,500 | 7,500 | 7,500 | 7,500 | 7,500 | 63,500 |
| Z Bonds | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Funds | \$ - | \$ 2,750 | \$ 5,500 | \$ 5,500 | \$ 7,500 | \$ 7,500 | \$ 7,500 | \$ 7,500 | \$ 7,500 | \$ 7,500 | \$ 7,500 | \$ 66,250 |

| Use of Fund | S | | | Five-Yea | r Capital | Program | | | Maste | er Plan | | |
|--------------------|------------------------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|----------|-----------|
| Description | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Plans/Engineering | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Construction | - | - | - | - | - | - | - | - | - | - | - | - |
| Equip./Furnishings | - | 2,750 | 5,500 | 5,500 | 7,500 | 7,500 | 7,500 | 7,500 | 7,500 | 7,500 | 7,500 | 66,250 |
| Total Expenditures | \$ - | \$ 2,750 | \$ 5,500 | \$ 5,500 | \$ 7,500 | \$ 7,500 | \$ 7,500 | \$ 7,500 | \$ 7,500 | \$ 7,500 | \$ 7,500 | \$ 66,250 |

Project Commencement FY 2011

School Parking Lot Expansions

Project: 1012

(In Thousands)

| Source of F | unds | | | Five-Yed | ır Capital | Program | | | Maste | er Plan | | |
|--------------|------------------------|--------|--------|----------|------------|---------|--------|--------|--------|---------|--------|----------|
| Туре | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Bonds | \$ 2,779 | \$ - | \$ 600 | \$ 600 | \$ 600 | \$ 600 | \$ 600 | \$ 600 | \$ 600 | \$ 600 | \$ 600 | \$ 8,179 |
| Paygo | - | - | - | - | - | - | - | - | - | - | - | - |
| State Aid | 1,421 | - | - | - | - | - | - | - | - | - | - | 1,421 |
| Transfer Tax | - | - | - | - | - | - | - | - | - | - | - | - |
| Z Bonds | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Funds | \$ 4,200 | \$ - | \$ 600 | \$ 600 | \$ 600 | \$ 600 | \$ 600 | \$ 600 | \$ 600 | \$ 600 | \$ 600 | \$ 9,600 |

| Use of Fund | S | | | Fiv | /e-Yea | ır Ca | pital | Prog | gram | | | | | | Maste | r Pl | an | | | |
|--------------------|------------------------|--------|--------|-----|--------|-------|-------|------|------|----|------|----|-------|----|-------|------|------|----|------|--------------|
| Description | Approved Appropriation | FY2019 | FY2020 | F | Y2021 | FY2 | 2022 | FY | 2023 | FY | 2024 | FY | (2025 | FY | 2026 | FY | 2027 | FY | 2028 | Total |
| Plans/Engineering | \$ 240 | \$ - | \$ 60 | \$ | 60 | \$ | 60 | \$ | 60 | \$ | 60 | \$ | 60 | \$ | 60 | \$ | 60 | \$ | 60 | \$ 780 |
| Construction | 3,960 | - | 540 | | 540 | | 540 | | 540 | | 540 | | 540 | | 540 | | 540 | | 540 | 8,820 |
| Equip./Furnishings | - | - | - | | - | | - | | - | | - | | - | | - | | - | | - | - |
| Total Expenditures | \$ 4,200 | \$ - | \$ 600 | \$ | 600 | \$ | 600 | \$ | 600 | \$ | 600 | \$ | 600 | \$ | 600 | \$ | 600 | \$ | 600 | \$ 9,600 |

Project Commencement FY 2008

FY 2019

Superintendent's Proposed Capital Budget

Planning and Design

Project: 1038

(In Thousands)

| Source of F | unds | | | Five-Yed | ar Capital | Program | | | Maste | er Plan | | |
|--------------|------------------------|--------|--------|----------|------------|---------|--------|--------|--------|---------|--------|----------|
| Туре | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Bonds | \$ - | \$ 300 | \$ 300 | \$ 300 | \$ 300 | \$ 300 | \$ 300 | \$ 300 | \$ 300 | \$ 300 | \$ 300 | \$ 3,000 |
| Paygo | - | - | - | - | - | - | - | - | - | - | - | - |
| State Aid | - | - | - | - | - | - | - | - | - | - | - | - |
| Transfer Tax | 600 | - | - | - | - | - | - | - | - | - | - | 600 |
| Z Bonds | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Funds | \$ 600 | \$ 300 | \$ 300 | \$ 300 | \$ 300 | \$ 300 | \$ 300 | \$ 300 | \$ 300 | \$ 300 | \$ 300 | \$ 3,600 |

| Use of Fund | S | | | Five-Yed | ar Capital | Program | | | Maste | er Plan | | |
|--------------------|------------------------|--------|--------|----------|------------|---------|--------|--------|--------|---------|--------|----------|
| Description | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Plans/Engineering | \$ 600 | \$ 300 | \$ 300 | \$ 300 | \$ 300 | \$ 300 | \$ 300 | \$ 300 | \$ 300 | \$ 300 | \$ 300 | \$ 3,600 |
| Construction | - | - | - | - | - | - | - | - | - | - | - | - |
| Equip./Furnishings | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Expenditures | \$ 600 | \$ 300 | \$ 300 | \$ 300 | \$ 300 | \$ 300 | \$ 300 | \$ 300 | \$ 300 | \$ 300 | \$ 300 | \$ 3,600 |

Project Commencement FY 2016

Project: 1038

90

Barrier-Free

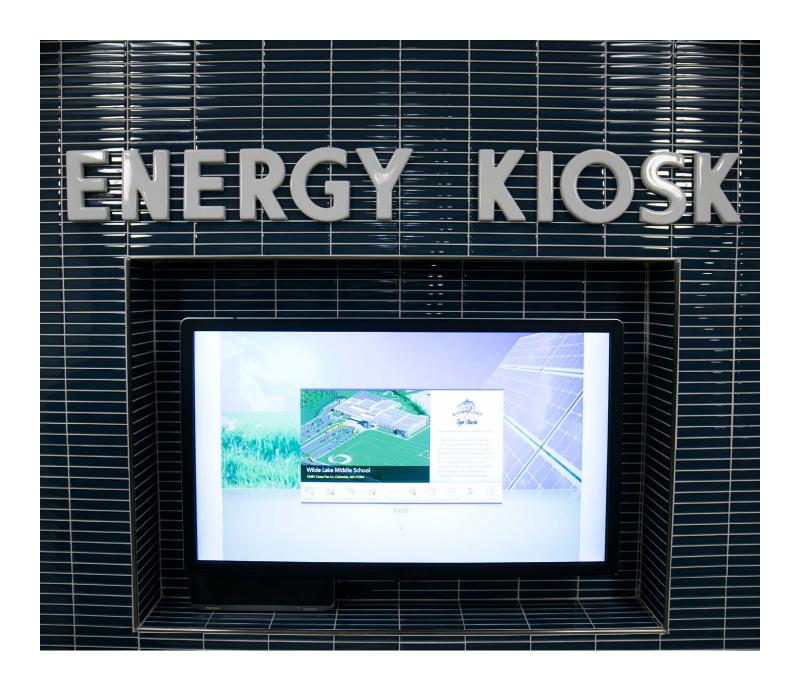
Project: 0989

(In Thousands)

| Source of F | unds | | | Five-Yed | ar Capital | Program | | | Maste | er Plan | | |
|--------------|------------------------|--------|--------|----------|------------|---------|--------|--------|--------|---------|--------|----------|
| Туре | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Bonds | \$ 3,875 | \$ - | \$ 200 | \$ 200 | \$ 200 | \$ 200 | \$ 200 | \$ 200 | \$ 200 | \$ 200 | \$ 200 | \$ 5,675 |
| Paygo | 303 | - | - | - | - | - | - | - | - | - | - | 303 |
| State Aid | - | - | - | - | - | - | - | - | - | - | - | - |
| Transfer Tax | 1,450 | - | - | - | - | - | - | - | - | - | - | 1,450 |
| Z Bonds | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Funds | \$ 5,628 | \$ - | \$ 200 | \$ 200 | \$ 200 | \$ 200 | \$ 200 | \$ 200 | \$ 200 | \$ 200 | \$ 200 | \$ 7,428 |

| Use of Fund | S | | | Five-Yea | r Capital | Program | | | Maste | er Plan | | |
|--------------------|------------------------|--------|--------|----------|-----------|---------|--------|--------|--------|---------|--------|----------|
| Description | Approved Appropriation | FY2019 | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | Total |
| Plans/Engineering | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Construction | 5,628 | - | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 7,428 |
| Equip./Furnishings | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Expenditures | \$ 5,628 | \$ - | \$ 200 | \$ 200 | \$ 200 | \$ 200 | \$ 200 | \$ 200 | \$ 200 | \$ 200 | \$ 200 | \$ 7,428 |

Project Commencement FY 1989



Howard County Public School System

Superintendent's Proposed FY 2019 Capital Budget Capital Improvement Program FY 2020–2024 Long-Range Master Plan FY 2019–2028

Section 4

Supporting Data

September 2017

| Capacity Utilization Rates with Board of Education's Approved FY 2018 Capital Budget Projects - Not Test for APFO | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---|---|--|---|--|--|---|---|--|---|--|---|---|--|---|--|---|---|---|---|---|--|--|---|---|
| Chart reflects May 2017 | Projec | | | Educa | ition's F | Y 2018 ap | oproved | d capaciti | es, and | d no redist | tricting | | | | | | | | | | | | 20: | 27 20 | 20 | 20 20 |
| `olumbia - Fast | 2018 | | | 2021 | _ | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| leffers Hill ES | 421 | 421 | 421 | 421 | 439 | 104.3 | 439 | 104.3 | 430 | 102.1 | 437 | 103.8 | 432 | 102.6 | 434 | 103.1 | 434 | 103.1 | 441 | 104.8 | 450 | 106.9 | 455 | 108.1 | 460 | 109.3 |
| Phelps Luck ES | 616 | 616 | 616 | 616 | 584 | 94.8 | 613 | 99.5 | 638 | 103.6 | 654 | 106.2 | 664 | 107.8 | 676 | 109.7 | 682 | 110.7 | 691 | 112.2 | 714 | 115.9 C | 720 | 116.9 C | 727 | 118.0 |
| Stevens Forest ES | 399 | 399 | 399 | 399 | 401 | 100.5 | 395 | 99.0 | 406 | 101.8 | 410 | 102.8 | 424 | 106.3 | 420 | 105.3 | 416 | 104.3 | 422 | 105.8 | 434 | 108.8 | 436 | 109.3 | 438 | 109.8 |
| albott Springs ES | 377 | 377 | 377 | 377 | 446 | 118.3 C | | 120.7 C | | 121.0 C | 449 | 119.1 C | | 115.6 C | | 116.4 C | | 118.6 C | 444 | 117.8 C | 449 | 119.1 C | 454 | 120.4 C | 461 | 122.3 |
| Thunder Hill ES | 509 | 509 | 509 | 509 | 544 | 106.9 | 525 | 103.1 | 511 | 100.4 | 513 | 100.8 | 507 | 99.6 | 499 | 98.0 | 504 | 99.0 | 508 | 99.8 | 509 | 100.0 | 515 | 101.2 | 521 | 102.4 |
| Region Totals | 2720 | 2720 | 2720 | 2720 | 2830 | 104.0 | 2821 | 103.7 | 2821 | 103.7 | 2837 | 104.3 | 2814 | 103.5 | 2831 | 104.1 | 2846 | 104.6 | 2874 | | 2930 | 107.7 | 2957 | 108.7 | 2990 | 109.9 |
| Columbia - West | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bryant Woods ES | 361 | 361 | 361 | 361 | 420 | 116.3 C | 421 | 116.6 C | 417 | 115.5 C | 416 | 115.2 C | 404 | 111.9 | 406 | 112.5 | 404 | 111.9 | 410 | 113.6 | 414 | 114.7 | 418 | 115.8 C | 418 | 115.8 |
| Clemens Crossing ES | 521 | 521 | 521 | 521 | 576 | 110.6 | 609 | 116.9 C | 652 | 125.1 C | 670 | 128.6 C | 694 | 133.2 C | | 138.8 C | 735 | 141.1 C | 781 | 149.9 C | 801 | 153.7 C | 821 | 157.6 C | 830 | 159.3 |
| ongfellow ES | 512 | 512 | 512 | 512 | 412 | 80.5 | 400 | 78.1 | 393 | 76.8 | 385 | 75.2 | 392 | 76.6 | 390 | 76.2 | 388 | 75.8 | 396 | 77.3 | 401 | 78.3 | 406 | 79.3 | 412 | 80.5 |
| lew ES #44 NS | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | |
| Running Brook ES | 515 | 515 | 515 | 515 | 555 | 107.8 | 600 | 116.5 C | 641 | 124.5 C | 701 | 136.1 C | 771 | 149.7 C | 833 | 161.7 C | 882 | 171.3 C | 927 | 180.0 C | 981 | 190.5 C | 1032 | 200.4 C | 1071 | 208.0 |
| iwansfield ES A | 621 | 621 | 621 | 621 | 636 | 102.4 | 634 | 102.1 | 645 | 103.9 | 644 | 103.7 | 658 | 106.0 | 663 | 106.8 | 665 | 107.1 | 673 | 108.4 | 682 | 109.8 | 688 | 110.8 | 700 | 112.7 |
| egion Totals | 2530 | 2530 | 2530 | 2530 | 2599 | 102.7 | 2664 | 105.3 | 2748 | 108.6 | | 111.3 | 2919 | 115.4 C | | 119.2 C | | | | 126.0 C | | | | 101.4 | 3431 | 103.4 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| l ortheastern ellows Spring ES | 751 | 751 | 751 | 751 | 744 | 99.1 | 780 | 103.9 | 852 | 113.4 | 885 | 117.8 C | 936 | 124.6 C | 964 | 128.4 C | 1002 | 133.4 C | 1010 | 134.5 C | 979 | 130.4 C | 962 | 128.1 C | 945 | 125.8 |
| | 772 | 772 | 772 | 772 | 794 | 102.8 | 815 | 105.9 | 851 | 110.2 | 892 | 117.6 C | | 118.8 C | | 120.4 C | | 126.4 C | 1002 | 129.8 C | | 130.4 C | 1005 | 130.2 C | 1013 | 131.2 |
| Deep Run ES | 770 | 770 | 770 | 772 770 | | | | | 1291 | | | | | | | | | | | 219.1 C | | | | 219.7 C | | |
| Oucketts Lane ES | | | | | 1030 | 133.8 C | | | | 167.7 C | 1454 | | | 206.4 C | | 212.9 C | | 218.3 C | 1687 | | | | 1692 | | 1675 | 217. |
| Ikridge ES | 760 | 760 | 760 | 760 | 829 | 109.1 | 796 | 104.7 | 786 | 103.4 | 770 | 101.3 | 739 | 97.2 | 719 | 94.6 | 738 | 97.1 | 780 | 102.6 | 807 | 106.2 | 852 | 112.1 | 868 | 114.: |
| chester ES | 653 | 653 | 653 | 653 | 569 | 87.1 | 544 | 83.3 | 536 | 82.1 | 527 | 80.7 | 546 | 83.6 | 592 | 90.7 | 622 | 95.3 | 663 | 101.5 | 696 | 106.6 | 708 | 108.4 | 736 | 112. |
| lew ES #42 NS | | 788 | 788 | 788 | | | | | | | | | | | | | | | | | | | | | | |
| Rockburn ES | 653 | 653 | 653 | 653 | 689 | 105.5 | 710 | 108.7 | 753 | 115.3 C | 761 | 116.5 C | | 117.5 C | | 119.3 C | | 123.7 C | 851 | 130.3 C | 856 | 131.1 C | 887 | 135.8 C | 927 | 142.0 |
| eterans ES | 821 | 821 | 821 | 821 | 886 | 107.9 | 896 | 109.1 | 905 | 110.2 | 900 | 109.6 | 886 | 107.9 | 874 | 106.5 | 882 | 107.4 | 869 | 105.8 | 867 | 105.6 | 923 | 112.4 | 944 | 115.0 |
| Vaterloo ES | 663 | 663 | 663 | 663 | 559 | 84.3 | 530 | 79.9 | 544 | 82.1 | 539 | 81.3 | 552 | 83.3 | 551 | 83.1 | 547 | 82.5 | 556 | 83.9 | 562 | 84.8 | 568 | 85.7 | 584 | 88.1 |
| Vorthington ES | 590 | 590 | 590 | 590 | 465 | 78.8 | 423 | 71.7 | 415 | 70.3 | 402 | 68.1 | 408 | 69.2 | 423 | 71.7 | 442 | 74.9 | 471 | 79.8 | 481 | 81.5 | 492 | 83.4 | 547 | 92.7 |
| Region Totals | 7221 | 7221 | 7221 | 7221 | 6565 | 90.9 | 6660 | 92.2 | 6933 | 96.0 | 7130 | 98.7 | 7340 | 101.6 | 7495 | 103.8 | 7698 | 106.6 | 7889 | 109.3 | 7927 | 109.8 | 8089 | 112.0 | 8239 | 114.1 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 647 | 647 | 647 | 647 | 738 | 114.1 | 740 | 114.4 | 744 | 115.0 | 738 | 114.1 | 741 | 114.5 | 721 | 111.4 | 718 | 111.0 | 718 | 111.0 | 713 | 110.2 | 718 | 111.0 | 726 | 112.2 |
| Centennial Lane ES | 647 694 | | 647 694 | 647 694 | 738 796 | 114.1 114.7 | | 114.4 116.1 C | 744 842 | 115.0 121.3 C | | 114.1 121.2 C | | 114.5 119.2 C | | 111.4 117.3 C | | 111.0 121.3 C | 718 834 | 111.0 120.2 C | | 110.2 119.6 C | 718 851 | 111.0 122.6 C | 726 869 | |
| Centennial Lane ES Hollifield Station ES | | 647 | | | | | 740 806 | | | | 841 | | 827 | | 814 | | 842 | | | | 830 | | | | | 125.2 |
| Centennial Lane ES Hollifield Station ES Manor Woods ES | 694 681 | 647 694 | 694 | 694 | 796 | 114.7 | 740 806 | 116.1 C | 842 | 121.3 C | 841 | 121.2 C | 827 | 119.2 C | 814 | 117.3 C | 842 | 121.3 C | 834 | 120.2 C | 830 | 119.6 C | 851 | 122.6 C | 869 | 125.2 |
| Centennial Lane ES Hollifield Station ES Manor Woods ES New ES #45 NS | 694 681 0 | 647 694 681 0 | 694 681 0 | 694 681 0 | 796 862 | 114.7 126.6 C | 740 806 947 | 116.1 C 139.1 C | 842 1042 | 121.3 C 153.0 C | 841 1147 | 121.2 C 168.4 C | 827 1249 | 119.2 C 183.4 C | 814 1350 | 117.3 C 198.2 C | 842 1412 | 121.3 C 207.3 C | 834 1446 | 120.2 C 212.3 C | 830 1459 | 119.6 C 214.2 C | 851 1446 | 122.6 C 212.3 C | 869 1405 | 125.2 206.3 |
| Centennial Lane ES Hollifield Station ES Manor Woods ES New ES #45 Northfield ES | 694 681 0 700 | 647 694 681 0 700 | 694 681 0 700 | 694 681 0 700 | 796 862 744 | 114.7 126.6 C | 740 806 947 | 116.1 C 139.1 C 105.6 | 842 1042 742 | 121.3 C 153.0 C 106.0 | 841 1147 753 | 121.2 C 168.4 C 107.6 | 827 1249 750 | 119.2 C 183.4 C | 814 1350 737 | 117.3 C 198.2 C | 842 1412 736 | 121.3 C 207.3 C 105.1 | 834 1446 748 | 120.2 C 212.3 C 106.9 | 830 1459 753 | 119.6 C 214.2 C 107.6 | 851 1446 778 | 122.6 C 212.3 C 111.1 | 869 1405 779 | 125.2 206.3 111.3 |
| Centennial Lane ES Hollifield Station ES Wanor Woods ES New ES #45 Northfield ES St Johns Lane ES | 694 681 0 700 612 | 647 694 681 0 700 612 | 694 681 0 700 612 | 694 681 0 700 612 | 796 862 744 718 | 114.7 126.6 C | 740 806 947 739 730 | 116.1 C 139.1 C 105.6 119.3 C | 842 1042 742 734 | 121.3 C 153.0 C 106.0 119.9 C | 841 1147 753 739 | 121.2 C 168.4 C 107.6 120.8 C | 827 1249 750 762 | 119.2 C 183.4 C 107.1 124.5 C | 814 1350 737 789 | 117.3 C 198.2 C 105.3 128.9 C | 736 821 | 121.3 C 207.3 C 105.1 134.2 C | 834 1446 748 856 | 120.2 C 212.3 C 106.9 139.9 C | 830 1459 753 852 | 119.6 C 214.2 C 107.6 139.2 C | 851 1446 778 857 | 122.6 C 212.3 C 111.1 140.0 C | 869 1405 779 863 | 112.2 125.2 206.3 111.3 141.0 |
| Centennial Lane ES Iollifield Station ES Idanor Woods ES Iew ES #45 NS Ioorthfield ES It Johns Lane ES Ivaverly ES A | 694 681 0 700 | 647 694 681 0 700 | 694 681 0 700 | 694 681 0 700 | 796 862 744 718 686 | 114.7 126.6 C | 740 806 947 | 116.1 C 139.1 C 105.6 | 842 1042 742 | 121.3 C 153.0 C 106.0 | 841 1147 753 739 632 | 121.2 C 168.4 C 107.6 | 827 1249 750 762 611 | 119.2 C 183.4 C 107.1 124.5 C 82.8 | 814 1350 737 789 607 | 117.3 C 198.2 C 105.3 128.9 C 82.2 | 736 821 607 | 121.3 C 207.3 C 105.1 134.2 C 82.2 | 834 1446 748 856 622 | 120.2 C 212.3 C 106.9 | 830 1459 753 852 624 | 119.6 C 214.2 C 107.6 139.2 C 84.6 | 851 1446 778 857 632 | 122.6 C 212.3 C 111.1 | 869 1405 779 863 641 | 125.2 206.3 111.3 141.0 86.9 |
| Centennial Lane ES collifield Station ES danor Woods ES lew ES #45 Lorthfield ES t Johns Lane ES daverly ES egion Totals | 694 681 0 700 612 738 | 647 694 681 0 700 612 738 | 694 681 0 700 612 738 | 694 681 0 700 612 738 | 796 862 744 718 686 | 114.7 126.6 C 106.3 117.3 C 93.0 | 740 806 947 739 730 671 | 116.1 C 139.1 C 105.6 119.3 C 90.9 | 842 1042 742 734 659 | 121.3 C 153.0 C 106.0 119.9 C 89.3 | 841 1147 753 739 632 | 121.2 C 168.4 C 107.6 120.8 C 85.6 | 827 1249 750 762 611 | 119.2 C 183.4 C 107.1 124.5 C 82.8 | 814 1350 737 789 607 | 117.3 C 198.2 C 105.3 128.9 C 82.2 | 736 821 607 | 121.3 C 207.3 C 105.1 134.2 C 82.2 | 834 1446 748 856 622 | 120.2 C 212.3 C 106.9 139.9 C 84.3 | 830 1459 753 852 624 | 119.6 C 214.2 C 107.6 139.2 C 84.6 | 851 1446 778 857 632 | 122.6 C 212.3 C 111.1 140.0 C 85.6 | 869 1405 779 863 641 | 125.2 206.3 111.3 141.0 86.9 |
| centennial Lane ES ollifield Station ES tanor Woods ES tew ES #45 NS orthfield ES t Johns Lane ES t/averly ES egion Totals outheastern | 694 681 0 700 612 738 | 647 694 681 0 700 612 738 | 694 681 0 700 612 738 | 694 681 0 700 612 738 | 796 862 744 718 686 4544 | 114.7 126.6 C 106.3 117.3 C 93.0 | 740 806 947 739 730 671 | 116.1 C 139.1 C 105.6 119.3 C 90.9 | 842 1042 742 734 659 | 121.3 C 153.0 C 106.0 119.9 C 89.3 | 841 1147 753 739 632 | 121.2 C 168.4 C 107.6 120.8 C 85.6 | 827 1249 750 762 611 | 119.2 C 183.4 C 107.1 124.5 C 82.8 | 814 1350 737 789 607 | 117.3 C 198.2 C 105.3 128.9 C 82.2 | 736 821 607 | 121.3 C 207.3 C 105.1 134.2 C 82.2 126.1 C | 834 1446 748 856 622 | 120.2 C 212.3 C 106.9 139.9 C 84.3 | 830 1459 753 852 624 | 119.6 C 214.2 C 107.6 139.2 C 84.6 | 851 1446 778 857 632 | 122.6 C 212.3 C 111.1 140.0 C 85.6 | 869 1405 779 863 641 | 125. 206. 111. 141. 86.9 129. |
| Centennial Lane ES Iollifield Station ES Adanor Woods ES Iew ES #45 Iorthfield ES 1 Johns Lane ES Vaverly ES A legion Totals outheastern Inholton ES | 694 681 0 700 612 738 4072 | 647 694 681 0 700 612 738 4072 | 694 681 0 700 612 738 4072 | 694 681 0 700 612 738 4072 | 796 862 744 718 686 4544 | 114.7 126.6 C 106.3 117.3 C 93.0 111.6 | 740 806 947 739 730 671 4633 | 116.1 C 139.1 C 105.6 119.3 C 90.9 113.8 | 842 1042 742 734 659 4763 | 121.3 C 153.0 C 106.0 119.9 C 89.3 117.0 C | 841 1147 753 739 632 4850 | 121.2 C 168.4 C 107.6 120.8 C 85.6 119.1 C | 827 1249 750 762 611 4940 | 119.2 C 183.4 C 107.1 124.5 C 82.8 121.3 C | 814 1350 737 789 607 5018 | 117.3 C 198.2 C 105.3 128.9 C 82.2 123.2 C | 736 821 607 5136 | 121.3 C 207.3 C 105.1 134.2 C 82.2 126.1 C | 834 1446 748 856 622 5224 | 120.2 C 212.3 C 106.9 139.9 C 84.3 128.3 C | 830 1459 753 852 624 5231 | 119.6 C 214.2 C 107.6 139.2 C 84.6 128.5 C | 851 1446 778 857 632 5282 415 | 122.6 C 212.3 C 1111.1 140.0 C 85.6 129.7 C | 869 1405 779 863 641 5283 | 125. 206. 111. 141. 86.9 129. |
| Centennial Lane ES collifield Station ES danor Woods ES lew ES #45 Lorthfield ES t Johns Lane ES vaverly ES | 694 681 0 700 612 738 4072 424 666 | 647 694 681 0 700 612 738 4072 | 694 681 0 700 612 738 4072 | 694 681 0 700 612 738 4072 | 796 862 744 718 686 4544 455 707 | 114.7 126.6 C 106.3 117.3 C 93.0 111.6 | 740 806 947 739 730 671 4633 | 116.1 C 139.1 C 105.6 119.3 C 90.9 113.8 | 842 1042 742 734 659 4763 460 741 | 121.3 C 153.0 C 106.0 119.9 C 89.3 117.0 C | 841 1147 753 739 632 4850 447 757 | 121.2 C 168.4 C 107.6 120.8 C 85.6 119.1 C | 827 1249 750 762 611 4940 418 761 | 119.2 C 183.4 C 107.1 124.5 C 82.8 121.3 C | 814 1350 737 789 607 5018 416 772 | 117.3 C 198.2 C 105.3 128.9 C 82.2 123.2 C | 736 821 607 5136 414 784 | 121.3 C 207.3 C 105.1 134.2 C 82.2 126.1 C | 834 1446 748 856 622 5224 414 776 | 120.2 C 212.3 C 106.9 139.9 C 84.3 128.3 C | 830 1459 753 852 624 5231 412 768 | 119.6 C 214.2 C 107.6 139.2 C 84.6 128.5 C | 851 1446 778 857 632 5282 415 767 | 122.6 C 212.3 C 1111.1 140.0 C 85.6 129.7 C | 869 1405 779 863 641 5283 418 768 | 125. 206. 111. 141. 86.9 129. |
| Centennial Lane ES dollifield Station ES Adanor Woods ES Lew ES #45 NS Northfield ES t Johns Lane ES Vaverly ES A Legion Totals Outheastern Antholon ES Sollman Bridge ES orest Ridge ES | 694 681 0 700 612 738 4072 424 666 713 | 647 694 681 0 700 612 738 4072 424 666 713 | 694 681 0 700 612 738 4072 424 666 713 | 694 681 0 700 612 738 4072 424 666 713 | 796 862 744 718 686 4544 455 707 701 | 114.7 126.6 C 106.3 117.3 C 93.0 111.6 | 740 806 947 739 730 671 4633 | 116.1 C 139.1 C 105.6 119.3 C 90.9 113.8 | 842 1042 742 734 659 4763 460 741 756 | 121.3 C 153.0 C 106.0 119.9 C 89.3 117.0 C | 841 1147 753 739 632 4850 447 757 776 | 121.2 C 168.4 C 107.6 120.8 C 85.6 119.1 C | 827 1249 750 762 611 4940 418 761 813 | 119.2 C 183.4 C 107.1 124.5 C 82.8 121.3 C 98.6 114.3 114.0 | 814 1350 737 789 607 5018 416 772 852 | 117.3 C 198.2 C 105.3 128.9 C 82.2 123.2 C | 736 821 607 5136 414 784 894 | 121.3 C 207.3 C 105.1 134.2 C 82.2 126.1 C 97.6 117.7 C 125.4 C | 834 1446 748 856 622 5224 414 776 918 | 120.2 C 212.3 C 106.9 139.9 C 84.3 128.3 C | 830 1459 753 852 624 5231 412 768 952 | 119.6 C 214.2 C 107.6 139.2 C 84.6 128.5 C 97.2 115.3 C 133.5 C | 851 1446 778 857 632 5282 415 767 953 | 122.6 C 212.3 C 1111.1 140.0 C 85.6 129.7 C 97.9 115.2 C 133.7 C | 869 1405 779 863 641 5283 418 768 945 | 125. 206. 111. 141. 86.9 129. 98.6 115. 132. |
| Centennial Lane ES dollifield Station ES Adanor Woods ES lew ES #45 NS Northfield ES it Johns Lane ES Waverly ES Aegion Totals southeastern Atholton ES bollman Bridge ES iorest Ridge ES Gorman Crossing ES | 694 681 0 700 612 738 4072 424 666 713 735 | 647 694 681 0 700 612 738 4072 424 666 713 735 | 694 681 0 700 612 738 4072 424 666 713 735 | 694 681 0 700 612 738 4072 424 666 713 735 | 796 862 744 718 686 4544 455 707 701 760 | 114.7 126.6 C 106.3 117.3 C 93.0 111.6 107.3 106.2 98.3 103.4 | 740 806 947 739 730 671 4633 457 717 713 792 | 116.1 C 139.1 C 105.6 119.3 C 90.9 113.8 | 842 1042 742 734 659 4763 460 741 756 798 | 121.3 C 153.0 C 106.0 119.9 C 89.3 117.0 C | 841 1147 753 739 632 4850 447 757 776 836 | 121.2 C 168.4 C 107.6 120.8 C 85.6 119.1 C | 827 1249 750 762 611 4940 418 761 813 839 | 119.2 C 183.4 C 107.1 124.5 C 82.8 121.3 C 98.6 114.3 114.0 114.1 | 814 1350 737 789 607 5018 416 772 852 830 | 117.3 C 198.2 C 105.3 128.9 C 82.2 123.2 C 98.1 115.9 C 119.5 C | 736 821 607 5136 414 784 894 803 | 121.3 C 207.3 C 105.1 134.2 C 82.2 126.1 C | 834 1446 748 856 622 5224 414 776 918 803 | 120.2 C 212.3 C 106.9 139.9 C 84.3 128.3 C 97.6 116.5 C 128.8 C 109.3 | 830 1459 753 852 624 5231 412 768 952 809 | 119.6 C 214.2 C 107.6 139.2 C 84.6 128.5 C 97.2 115.3 C 133.5 C | 851 1446 778 857 632 5282 415 767 953 790 | 122.6 C 212.3 C 1111.1 140.0 C 85.6 129.7 C 97.9 115.2 C 133.7 C | 869 1405 779 863 641 5283 418 768 945 774 | 125.: 206.: 111.: 141.! 86.9 129.: 98.6 115.: 132.: 105.: |
| Centennial Lane ES Iolififield Station ES Adanor Woods ES Iew ES #45 Iorthfield ES 1 Johns Lane ES Vaverly ES Aegion Totals outheastern Intholton ES Ioliman Bridge ES Orest Ridge ES Gorman Crossing ES Guilford ES | 694 681 0 700 612 738 4072 424 666 713 735 465 | 647 694 681 0 700 612 738 4072 424 666 713 735 465 | 694 681 0 700 612 738 4072 424 666 713 735 465 | 694 681 0 700 612 738 4072 424 666 713 735 465 | 796 862 744 718 686 4544 455 707 701 760 432 | 114.7 126.6 C 106.3 117.3 C 93.0 111.6 107.3 106.2 98.3 103.4 92.9 | 740 806 947 739 730 671 4633 457 717 713 792 434 | 116.1 C 139.1 C 105.6 119.3 C 90.9 113.8 107.8 107.8 107.7 100.0 107.8 93.3 | 842 1042 742 734 659 4763 460 741 756 798 413 | 121.3 C 153.0 C 106.0 119.9 C 89.3 117.0 C | 841 1147 753 739 632 4850 447 757 776 836 410 | 121.2 C 168.4 C 107.6 120.8 C 85.6 119.1 C | 827 1249 750 762 611 4940 418 761 813 839 414 | 119.2 C 183.4 C 107.1 124.5 C 82.8 121.3 C 98.6 114.3 114.0 114.1 89.0 | 814 1350 737 789 607 5018 416 772 852 830 415 | 117.3 C 198.2 C 105.3 128.9 C 82.2 123.2 C 115.9 C 119.5 C 112.9 89.2 | 736 821 607 5136 414 784 894 803 451 | 121.3 C 207.3 C 105.1 134.2 C 82.2 126.1 C 97.6 117.7 C 125.4 C 109.3 97.0 | 834 1446 748 856 622 5224 414 776 918 803 484 | 120.2 C 212.3 C 106.9 139.9 C 84.3 128.3 C 97.6 116.5 C 128.8 C 109.3 104.1 | 830 1459 753 852 624 5231 412 768 952 809 488 | 119.6 C 214.2 C 107.6 139.2 C 84.6 128.5 C 115.3 C 115.3 C 110.1 104.9 | 851 1446 778 857 632 5282 415 767 953 790 482 | 122.6 C 212.3 C 1111.1 140.0 C 85.6 129.7 C 97.9 115.2 C 133.7 C 107.5 103.7 | 869 1405 779 863 641 5283 418 768 945 774 483 | 98.6 115.: 141.0 98.6 115.: 105.: 103.9 |
| Centennial Lane ES collifield Station ES danor Woods ES lew ES #45 Lorthfield ES t Johns Lane ES vaverly ES egion Totals outheastern tholton ES oliman Bridge ES orest Ridge ES coman Crossing ES Guilford ES lammond ES | 694 681 0 700 612 738 4072 424 666 713 735 465 653 | 647 694 681 0 700 612 738 4072 424 666 713 735 465 653 | 694 681 0 700 612 738 4072 424 666 713 735 465 653 | 694 681 0 700 612 738 4072 424 666 713 735 465 653 | 796 862 744 718 686 4544 455 707 701 760 432 644 | 114.7 126.6 C 106.3 117.3 C 93.0 111.6 107.3 106.2 98.3 103.4 92.9 98.6 | 740 806 947 739 730 671 4633 457 717 713 792 434 649 | 116.1 C 139.1 C 105.6 119.3 C 90.9 113.8 107.8 107.7 100.0 107.8 93.3 99.4 | 842 1042 742 734 659 4763 460 741 756 798 413 644 | 121.3 C 153.0 C 106.0 119.9 C 89.3 117.0 C 108.5 111.3 106.0 108.6 88.8 98.6 | 841 1147 753 739 632 4850 447 757 776 836 410 661 | 121.2 C 168.4 C 107.6 120.8 C 85.6 119.1 C | 750 762 611 4940 418 761 813 839 414 705 | 119.2 C 183.4 C 107.1 124.5 C 82.8 121.3 C 98.6 114.3 114.0 114.1 89.0 108.0 | 814 1350 737 789 607 5018 416 772 852 830 415 792 | 117.3 C 198.2 C 105.3 128.9 C 82.2 123.2 C 98.1 115.9 C 119.5 C 119.5 C 112.9 89.2 121.3 C | 736 821 607 5136 414 784 894 803 451 830 | 121.3 C 207.3 C 105.1 134.2 C 82.2 126.1 C 97.6 117.7 C 125.4 C 109.3 97.0 127.1 C | 834 1446 748 856 622 5224 414 776 918 803 484 874 | 120.2 C 212.3 C 106.9 139.9 C 84.3 128.3 C 97.6 116.5 C 128.8 C 109.3 104.1 133.8 C | 830 1459 753 852 624 5231 412 768 952 809 488 923 | 119.6 C 214.2 C 107.6 139.2 C 84.6 128.5 C 97.2 115.3 C 133.5 C 110.1 104.9 141.3 C | 851 1446 778 857 632 5282 415 767 953 790 482 971 | 122.6 C 212.3 C 111.1 140.0 C 85.6 129.7 C 97.9 115.2 C 133.7 C 107.5 103.7 148.7 C | 869 1405 779 863 641 5283 418 768 945 774 483 1038 | 125.: 206.: 111.: 141.! 86.9 129. 98.6 115.: 105.: 103.9 159.! |
| Centennial Lane ES oblifield Station ES danor Woods ES ew ES #45 NS lorthfield ES t Johns Lane ES daverly ES A egion Totals outheastern tholton ES ollman Bridge ES orrest Ridge ES corman Crossing ES builford ES ammond ES aurel Woods ES | 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 | 647 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 | 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 | 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 | 796 862 744 718 686 4544 455 707 701 760 432 | 114.7 126.6 C 106.3 117.3 C 93.0 111.6 107.3 106.2 98.3 103.4 92.9 | 740 806 947 739 730 671 4633 457 717 713 792 434 | 116.1 C 139.1 C 105.6 119.3 C 90.9 113.8 107.8 107.8 107.7 100.0 107.8 93.3 | 842 1042 742 734 659 4763 460 741 756 798 413 | 121.3 C 153.0 C 106.0 119.9 C 89.3 117.0 C | 841 1147 753 739 632 4850 447 757 776 836 410 | 121.2 C 168.4 C 107.6 120.8 C 85.6 119.1 C | 827 1249 750 762 611 4940 418 761 813 839 414 | 119.2 C 183.4 C 107.1 124.5 C 82.8 121.3 C 98.6 114.3 114.0 114.1 89.0 | 814 1350 737 789 607 5018 416 772 852 830 415 | 117.3 C 198.2 C 105.3 128.9 C 82.2 123.2 C 115.9 C 119.5 C 112.9 89.2 | 736 821 607 5136 414 784 894 803 451 | 121.3 C 207.3 C 105.1 134.2 C 82.2 126.1 C 97.6 117.7 C 125.4 C 109.3 97.0 | 834 1446 748 856 622 5224 414 776 918 803 484 | 120.2 C 212.3 C 106.9 139.9 C 84.3 128.3 C 97.6 116.5 C 128.8 C 109.3 104.1 | 830 1459 753 852 624 5231 412 768 952 809 488 | 119.6 C 214.2 C 107.6 139.2 C 84.6 128.5 C 115.3 C 115.3 C 110.1 104.9 | 851 1446 778 857 632 5282 415 767 953 790 482 | 122.6 C 212.3 C 1111.1 140.0 C 85.6 129.7 C 97.9 115.2 C 133.7 C 107.5 103.7 | 869 1405 779 863 641 5283 418 768 945 774 483 | 125.: 206.: 111.: 141.! 86.9 129. 98.6 115.: 105.: 103.9 159.! |
| Centennial Lane ES oblifield Station ES danor Woods ES ew ES #45 NS torthfield ES t Johns Lane ES //dverly ES A egion Totals outheastern tholton ES obliman Bridge ES orest Ridge ES corman Crossing ES Guilford ES ammond ES aurrel Woods ES ew ES #43 NS | 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 0 | 647 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 0 | 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 0 | 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 0 | 796 862 744 718 686 4544 455 707 701 760 432 644 528 | 114.7 126.6 C 106.3 117.3 C 93.0 111.6 107.3 106.2 98.3 103.4 92.9 98.6 82.5 | 740 806 947 739 739 671 4633 457 717 713 792 434 649 514 | 116.1 C 139.1 C 105.6 119.3 C 90.9 113.8 107.8 107.7 100.0 107.8 93.3 99.4 80.3 | 842 1042 742 734 659 4763 460 741 756 798 413 644 491 | 121.3 C 153.0 C 106.0 119.9 C 89.3 117.0 C 108.5 111.3 106.0 108.6 88.8 98.6 76.7 | 841 1147 753 739 632 4850 447 757 776 836 410 661 482 | 121.2 C 168.4 C 107.6 120.8 C 85.6 119.1 C 105.4 113.7 108.8 113.7 88.2 101.2 75.3 | 750 762 611 4940 418 761 813 839 414 705 469 | 119.2 C 183.4 C 107.1 124.5 C 82.8 121.3 C 98.6 114.3 C 114.1 89.0 108.0 73.3 | 814 1350 737 789 607 5018 416 772 852 830 415 792 462 | 98.1 115.9 98.2 1123.2 113.9 98.1 115.9 1119.5 1112.9 89.2 121.3 72.2 | 736 821 607 5136 414 784 894 803 451 830 459 | 121.3 C 207.3 C 105.1 134.2 C 82.2 126.1 C 97.6 117.7 C 109.3 97.0 127.1 C 71.7 | 834 1446 748 856 622 5224 414 776 918 803 484 874 449 | 120.2 C 212.3 C 106.9 139.9 C 84.3 128.3 C 97.6 116.5 C 128.8 C 109.3 104.1 133.8 C 70.2 | 830 1459 753 852 624 5231 412 768 952 809 488 923 467 | 119.6 C 214.2 C 107.6 139.2 C 84.6 128.5 C 115.3 C 115.3 C 110.1 104.9 141.3 C 73.0 | 851 1446 778 857 632 5282 415 767 953 790 482 971 473 | 122.6 C 212.3 C 111.1 140.0 C 85.6 129.7 C 97.9 115.2 C 133.7 C 107.5 103.7 148.7 C 73.9 | 869 1405 779 863 641 5283 418 768 945 774 483 1038 479 | 125.: 206.: 111.: 141.! 86.9 129. 98.6 115.: 132.: 105.: 103.: 74.8 |
| entennial Lane ES ollifield Station ES danor Woods ES ew ES #45 NS orthfield ES 1 Johns Lane ES /daverly ES Aegion Totals outheastern tholton ES olliman Bridge ES orerst Ridge ES orman Crossing ES Guilford ES ammond ES aurrel Woods ES ew ES #43 NS | 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 | 647 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 | 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 | 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 0 | 796 862 744 718 686 4544 455 707 701 760 432 644 | 114.7 126.6 C 106.3 117.3 C 93.0 111.6 107.3 106.2 98.3 103.4 92.9 98.6 | 740 806 947 739 730 671 4633 457 717 713 792 434 649 | 116.1 C 139.1 C 105.6 119.3 C 90.9 113.8 107.8 107.7 100.0 107.8 93.3 99.4 80.3 | 842 1042 742 734 659 4763 460 741 756 798 413 644 | 121.3 C 153.0 C 106.0 119.9 C 89.3 117.0 C 108.5 111.3 106.0 108.6 88.8 98.6 | 841 1147 753 739 632 4850 447 757 776 836 410 661 | 121.2 C 168.4 C 107.6 120.8 C 85.6 119.1 C 105.4 113.7 108.8 113.7 88.2 101.2 75.3 | 750 762 611 4940 418 761 813 839 414 705 | 119.2 C 183.4 C 107.1 124.5 C 82.8 121.3 C 98.6 114.3 114.0 114.1 89.0 108.0 | 814 1350 737 789 607 5018 416 772 852 830 415 792 | 117.3 C 198.2 C 105.3 128.9 C 82.2 123.2 C 98.1 115.9 C 119.5 C 119.5 C 112.9 89.2 121.3 C | 736 821 607 5136 414 784 894 803 451 830 | 121.3 C 207.3 C 105.1 134.2 C 82.2 126.1 C 97.6 117.7 C 125.4 C 109.3 97.0 127.1 C | 834 1446 748 856 622 5224 414 776 918 803 484 874 | 120.2 C 212.3 C 106.9 139.9 C 84.3 128.3 C 97.6 116.5 C 128.8 C 109.3 104.1 133.8 C | 830 1459 753 852 624 5231 412 768 952 809 488 923 | 119.6 C 214.2 C 107.6 139.2 C 84.6 128.5 C 97.2 115.3 C 133.5 C 110.1 104.9 141.3 C | 851 1446 778 857 632 5282 415 767 953 790 482 971 | 122.6 C 212.3 C 111.1 140.0 C 85.6 129.7 C 97.9 115.2 C 133.7 C 107.5 103.7 148.7 C | 869 1405 779 863 641 5283 418 768 945 774 483 1038 | 125. 206. 111. 141. 86.9 129. 98.6 115. 132. 105. 103. 159. 74.8 |
| Centennial Lane ES collifield Station ES danor Woods ES ew ES #45 NS corthfield ES t Johns Lane ES daverly ES A egion Totals coutheastern tholton ES collman Bridge ES correst Ridge ES correna Crossing ES couliford ES ammond ES aurrel Woods ES lew ES #43 NS egion Totals | 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 0 4296 | 647 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 0 | 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 0 4296 | 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 0 | 796 862 744 718 686 4544 455 707 701 760 432 644 528 | 114.7 126.6 C 106.3 117.3 C 93.0 111.6 107.3 106.2 98.3 103.4 92.9 98.6 82.5 | 740 806 947 739 730 671 4633 457 717 713 792 434 649 514 | 116.1 C 139.1 C 105.6 119.3 C 90 113.8 107.8 107.7 100.0 107.8 93.3 99.4 80.3 99.5 | 842 1042 742 734 659 4763 460 741 756 798 413 644 491 | 121.3 C 153.0 C 106.0 119.9 C 89.3 117.0 C 108.5 111.3 106.0 108.6 88.8 98.6 76.7 | 841 1147 753 739 632 4850 447 757 776 836 410 661 482 4369 | 121.2 C 168.4 C 107.6 120.8 C 85.6 119.1 C 105.4 113.7 108.8 8.2 101.2 75.3 101.7 | 827 1249 750 762 611 4940 418 761 813 839 414 705 469 | 119.2 C 183.4 C 107.1 124.5 C 82.8 121.3 C 98.6 114.3 114.0 108.0 73.3 102.9 | 814 1350 737 789 607 5018 416 772 852 830 415 792 462 4539 | 117.3 C 198.2 C 105.3 128.9 C 82.2 123.2 C 98.1 115.9 C 119.5 C 119.5 C 112.9 89.2 121.3 C 72.2 | 842 1412 736 821 607 5136 414 784 803 451 830 459 | 121.3 C 207.3 C 105.1 134.2 C 82.2 126.1 C 97.6 117.7 C 125.4 C 109.3 97.0 127.1 C 71.7 | 834 1446 748 856 622 5224 414 776 918 803 484 874 449 | 120.2 C 212.3 C 106.9 139.9 C 84.3 128.3 C 97.6 116.5 C 128.8 C 109.3 104.1 133.8 C 70.2 92.8 | 830 1459 753 852 624 5231 412 768 952 809 488 923 467 4819 | 119.6 C 214.2 C 107.6 139.2 6 84.6 128.5 C 97.2 115.3 C 133.5 C 110.1 104.9 141.3 C 73.0 94.8 | 851 1446 778 857 632 5282 415 767 953 790 482 971 473 | 122.6 C 212.3 C 111.1 140.0 C 85.6 129.7 C 97.9 115.2 C 133.7 C 107.5 103.7 C 173.9 95.4 | 869 1405 779 863 641 5283 418 768 945 774 483 1038 479 4905 | 125. 206. 111. 141. 86.9 129. 98.6 115. 132. 105. 103. 159. 74.8 |
| entennial Lane ES ollifield Station ES lanor Woods ES ew ES #45 NS orthfield ES Johns Lane ES Zoverly ES Aegion Totals butheastern tholton ES ollman Bridge ES orest Ridge ES orman Crossing ES duilford ES ammond ES auruel Woods ES ew ES #43 NS egion Totals | 694 681 0 700 612 738 4072 424 666 713 735 465 465 653 640 0 4296 | 647 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 0 4296 | 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 0 4296 | 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 0 4296 | 796 862 744 718 686 4544 455 707 701 760 432 644 528 4227 | 114.7 126.6 C 106.3 117.3 C 93.0 111.6 107.3 106.2 98.3 103.4 92.9 98.6 82.5 98.4 | 740 806 947 739 730 671 4633 457 717 713 792 434 649 514 | 116.1 C 139.1 C 105.6 119.3 C 90.9 113.8 107.8 107.7 100.0 107.8 93.3 99.4 80.3 99.5 | 842 1042 742 734 659 4763 460 741 756 798 413 644 491 4303 | 121.3 C 153.0 C 106.0 119.9 C 89.3 117.0 C 108.5 111.3 106.0 108.6 88.8 98.6 76.7 | 841 1147 753 739 632 4850 447 757 776 836 410 661 482 4369 | 121.2 C 168.4 C 107.6 120.8 C 85.6 119.1 C 105.4 113.7 108.8 113.7 108.8 113.7 5.3 101.2 75.3 | 827 1249 750 762 611 4940 418 761 813 839 414 705 469 4419 | 119.2 C 183.4 C 107.1 124.5 C 82.8 121.3 C 98.6 114.3 114.0 114.1 89.0 108.0 73.3 102.9 | 814 1350 737 789 607 5018 416 772 852 830 415 792 462 4539 | 117.3 C 198.2 C 105.3 128.9 C 82.2 123.2 C 98.1 115.9 C 119.5 C 112.9 S 89.2 121.3 C 72.2 | 842 1412 736 821 607 5136 414 784 894 803 451 830 459 4635 | 121.3 C 207.3 C 105.1 134.2 C 82.2 126.1 C 125.4 C 109.3 97.0 127.1 C 71.7 C 15.4 C 109.3 97.0 127.1 C 71.7 C 91.2 | 834 1446 748 856 622 5224 414 776 918 803 484 874 449 4718 | 120.2 C 212.3 C 106.9 139.9 C 84.3 128.3 C 97.6 116.5 C 128.8 C 109.3 104.1 133.8 C 70.2 92.8 | 830 1459 753 852 624 5231 412 768 952 809 488 923 467 4819 | 119.6 C 214.2 C 107.6 139.2 C 84.6 128.5 C 97.2 115.3 C 133.5 C 110.1 104.9 141.3 C 73.0 94.8 | 851 1446 778 857 632 5282 415 767 953 790 482 971 473 4851 | 122.6 C 212.3 C 111.1 140.0 C 85.6 129.7 C 133.7 C 103.7 148.7 C 73.9 95.4 | 869 1405 779 863 641 5283 418 768 945 774 483 1038 479 4905 | 125. 206. 1111. 141. 86.5. 129. 98.6 115. 132. 105. 103. 159. 74.8 |
| Centennial Lane ES collifield Station ES Aconor Woods ES ew ES #45 NS conthield ES t Johns Lane ES Acoverly ES A egion Totals coutheastern tholton ES collman Bridge ES corman Crossing ES comman Crossing ES couthing ES aurel Woods ES ew ES #43 NS egion Totals A Restern Lister Britania Liste | 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 0 4296 | 647 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 0 4296 | 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 0 4296 | 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 0 4296 | 796 862 744 718 686 4544 455 707 701 760 432 644 528 4227 | 114.7 126.6 C 106.3 117.3 C 93.0 111.6 107.3 106.2 98.3 103.4 92.9 98.6 82.5 98.4 | 740 806 947 739 730 671 4633 457 717 713 792 434 649 514 4276 | 116.1 C 139.1 C 105.6 119.3 C 90.9 113.8 107.8 107.7 100.0 107.8 107.7 100.0 107.8 93.3 99.4 80.3 99.5 | 842 1042 742 734 659 4763 460 741 756 798 413 644 491 4303 | 121.3 C 153.0 C 106.0 119.9 C 89.3 117.0 C 108.5 111.3 106.0 108.6 76.7 100.2 | 841 1147 753 739 632 4850 447 757 776 836 410 661 482 4369 507 413 | 121.2 C 168.4 C 107.6 120.8 C 85.6 119.1 C 105.4 113.7 108.8 113.7 108.8 113.7 107.3 88.2 101.2 75.3 101.7 | 827 1249 750 762 611 4940 418 761 813 839 414 705 469 4419 | 119.2 C 183.4 C 107.1 124.5 C 82.8 121.3 C 98.6 114.3 114.0 114.1 89.0 108.0 73.3 102.9 63.3 70.1 | 814 1350 737 789 607 5018 416 772 852 830 415 792 462 4539 483 409 | 117.3 C 198.2 C 105.3 128.9 C 82.2 123.2 C 98.1 115.9 C 119.5 C 112.9 89.2 121.3 C 72.2 | 842 1412 736 821 607 5136 414 784 803 451 830 459 4635 | 121.3 C 207.3 C 105.1 134.2 C 82.2 126.1 C 97.6 117.7 C 125.4 C 109.3 97.0 127.1 C 71.7 | 834 1446 748 856 622 5224 414 776 918 803 484 874 449 4718 | 120.2 C 212.3 C 106.9 139.9 C 84.3 128.3 C 70.2 97.6 116.5 C 128.8 C 109.3 104.1 133.8 C 70.2 92.8 | 830 1459 753 852 624 5231 412 768 952 809 488 923 467 4819 | 119.6 C 214.2 C 107.6 139.2 C 84.6 128.5 C 97.2 115.3 C 133.5 C 110.1 104.9 141.3 C 73.0 94.8 | 851 1446 778 857 632 5282 415 767 953 790 482 971 473 4851 | 122.6 C 212.3 C 111.1 140.0 C 85.6 129.7 C 133.7 C 107.5 103.7 148.7 C 73.9 95.4 | 869 1405 779 863 641 5283 418 768 945 774 483 1038 479 4905 | 125. 206. 111. 141. 86.5. 129. 98.6 115. 132. 105. 103. 159. 74.8 |
| Centennial Lane ES collifield Station ES danor Woods ES lew ES #45 NS lorthfield ES t Johns Lane ES Vaverly ES A egion Totals outheastern tholton ES collman Bridge ES correst Ridge ES corman Crossing ES comman Crossing ES comman ES aurel Woods ES lew ES #43 NS egion Totals Vestern ushy Park ES clarksville ES cayton Oaks ES | 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 0 4296 788 | 647 694 681 0 700 612 4072 424 666 713 735 465 653 640 0 4296 | 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 0 4296 788 | 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 0 4296 788 | 796 862 744 718 686 4544 455 707 701 760 432 644 528 4227 571 408 591 | 114.7 126.6 C 106.3 117.3 C 93.0 111.6 107.3 106.2 98.3 103.4 92.9 98.6 82.5 66.7 75.0 | 740 806 947 739 739 671 4633 457 717 713 792 434 649 514 4276 | 116.1 C 139.1 C 105.6 119.3 C 90.9 113.8 107.8 107.7 100.0 107.8 93.3 99.4 80.3 99.5 | 842 1042 742 734 659 4763 460 741 756 644 491 4303 546 409 594 | 121.3 C 153.0 C 106.0 119.9 C 89.3 117.0 C 108.5 111.3 106.0 108.6 88.8 98.6 76.7 100.2 | 841 1147 753 739 632 4850 447 757 776 836 410 661 482 4369 507 413 606 | 121.2 C 168.4 C 107.6 120.8 C 85.6 119.1 C 105.4 113.7 108.8 2 101.2 75.3 101.7 | 827 1249 750 762 611 4940 418 761 813 839 414 705 469 4419 499 582 | 119.2 C 183.4 C 107.1 124.5 C 82.8 121.3 C 98.6 114.3 114.0 108.0 73.3 102.9 63.3 70.1 73.9 | 814 1350 737 789 607 5018 416 772 852 830 415 792 462 4539 483 409 588 | 117.3 C 198.2 C 105.3 128.9 C 82.2 123.2 C 98.1 115.9 C 119.5 C 119.5 C 112.9 89.2 121.3 C 72.2 89.3 | 842 1412 736 821 607 5136 414 784 893 451 830 459 4635 | 121.3 C 207.3 C 105.1 134.2 C 82.2 126.1 C 125.4 C 109.3 97.0 127.1 C 71.7 C 60.7 67.0 74.6 | 834 1446 748 856 622 5224 414 776 918 803 484 449 4718 | 120.2 C 212.3 C 106.9 139.9 C 84.3 128.3 C 97.6 116.5 C 128.8 C 109.3 104.1 133.8 C 70.2 68.0 74.9 | 830 1459 753 852 624 5231 412 768 952 809 488 923 467 4819 | 119.6 C 214.2 C 107.6 139.2 C 14.2 C 128.5 C 128.5 C 17.2 C 115.3 C 133.5 C 1104.9 141.3 C 73.0 94.8 62.7 69.0 72.2 | 851 1446 778 857 632 5282 415 767 953 790 482 971 473 4851 | 122.6 C 212.3 C 1111.1 140.0 C 85.2 69.4 71.7 | 869 1405 779 863 641 5283 418 768 945 774 483 1038 479 4905 | 125. 206. 111. 141. 86.5 129. 98.6 115. 132. 105. 105. 74.8 69.5 71.4 |
| Centennial Lane ES collifield Station ES danor Woods ES lew ES #45 NS lorthfield ES t Johns Lane ES Vaverly ES A egion Totals outheastern tholton ES collman Bridge ES correst Ridge ES corman Crossing ES comman Crossing ES comman ES aurel Woods ES lew ES #43 NS egion Totals Vestern ushy Park ES clarksville ES cayton Oaks ES | 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 0 4296 | 647 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 0 4296 | 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 0 4296 | 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 0 4296 | 796 862 744 718 686 4544 455 707 701 760 432 644 528 4227 | 114.7 126.6 C 106.3 117.3 C 93.0 111.6 107.3 106.2 98.3 103.4 92.9 98.6 82.5 98.4 | 740 806 947 739 730 671 4633 457 717 713 792 434 649 514 4276 | 116.1 C 139.1 C 105.6 119.3 C 90.9 113.8 107.8 107.7 100.0 107.8 107.7 100.0 107.8 93.3 99.4 80.3 99.5 | 842 1042 742 734 659 4763 460 741 756 798 413 644 491 4303 | 121.3 C 153.0 C 106.0 119.9 C 89.3 117.0 C 108.5 111.3 106.0 108.6 76.7 100.2 | 841 1147 753 739 632 4850 447 757 776 836 410 661 482 4369 507 413 | 121.2 C 168.4 C 107.6 120.8 C 85.6 119.1 C 105.4 113.7 108.8 113.7 108.8 113.7 107.3 88.2 101.2 75.3 101.7 | 827 1249 750 762 611 4940 418 761 813 839 414 705 469 4419 | 119.2 C 183.4 C 107.1 124.5 C 82.8 121.3 C 98.6 114.3 114.0 114.1 89.0 108.0 73.3 102.9 63.3 70.1 | 814 1350 737 789 607 5018 416 772 852 830 415 792 462 4539 483 409 588 | 117.3 C 198.2 C 105.3 128.9 C 82.2 123.2 C 98.1 115.9 C 119.5 C 112.9 89.2 121.3 C 72.2 | 842 1412 736 821 607 5136 414 784 893 451 830 459 4635 | 121.3 C 207.3 C 105.1 134.2 C 82.2 126.1 C 97.6 117.7 C 125.4 C 109.3 97.0 127.1 C 71.7 | 834 1446 748 856 622 5224 414 776 918 803 484 874 449 4718 | 120.2 C 212.3 C 106.9 139.9 C 84.3 128.3 C 70.2 97.6 116.5 C 128.8 C 109.3 104.1 133.8 C 70.2 92.8 | 830 1459 753 852 624 5231 412 768 952 809 488 923 467 4819 | 119.6 C 214.2 C 107.6 139.2 C 84.6 128.5 C 97.2 115.3 C 133.5 C 110.1 104.9 141.3 C 73.0 94.8 | 851 1446 778 857 632 5282 415 767 953 790 482 971 473 4851 | 122.6 C 212.3 C 111.1 140.0 C 85.6 129.7 C 133.7 C 107.5 103.7 148.7 C 73.9 95.4 | 869 1405 779 863 641 5283 418 768 945 774 483 1038 479 4905 | 125. 206. 111. 141. 86.5 129. 98.6 115. 132. 103. 159. 74.8 69.5 69.4 71.4 |
| Centennial Lane ES collifield Station ES danor Woods ES lew ES #45 NS lorthfield ES t Johns Lane ES Vaverly ES A egion Totals outheastern tholton ES collman Bridge ES correst Ridge ES corrent Crossing ES Guilford ES lammond ES aurel Woods ES lew ES #43 NS egion Totals //estern ushy Park ES clarksville ES bayton Oaks ES ulton ES | 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 0 4296 788 | 647 694 681 0 700 612 4072 424 666 713 735 465 653 640 0 4296 | 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 0 4296 788 | 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 0 4296 788 | 796 862 744 718 686 4544 455 707 701 760 432 644 528 4227 571 408 591 | 114.7 126.6 C 106.3 117.3 C 93.0 111.6 107.3 106.2 98.3 103.4 92.9 98.6 82.5 66.7 75.0 | 740 806 947 739 739 671 4633 457 717 713 792 434 649 514 4276 | 116.1 C 139.1 C 105.6 119.3 C 90.9 113.8 107.8 107.7 100.0 107.8 93.3 99.4 80.3 99.5 | 842 1042 742 734 659 4763 460 741 756 644 491 4303 546 409 594 | 121.3 C 153.0 C 106.0 119.9 C 89.3 117.0 C 108.5 111.3 106.0 108.6 88.8 98.6 76.7 100.2 | 841 1147 753 739 632 4850 447 757 776 836 410 661 482 4369 507 413 606 | 121.2 C 168.4 C 107.6 120.8 C 85.6 119.1 C 105.4 113.7 108.8 2 101.2 75.3 101.7 | 827 1249 750 762 611 4940 418 761 813 839 414 705 469 4419 499 582 | 119.2 C 183.4 C 107.1 124.5 C 82.8 121.3 C 98.6 114.3 114.0 108.0 73.3 102.9 63.3 70.1 73.9 | 814 1350 737 789 607 5018 416 772 852 830 415 792 462 4539 483 409 588 | 117.3 C 198.2 C 105.3 128.9 C 82.2 123.2 C 98.1 115.9 C 119.5 C 119.5 C 112.9 89.2 121.3 C 72.2 89.3 | 842 1412 736 821 607 5136 414 784 893 451 830 459 4635 | 121.3 C 207.3 C 105.1 134.2 C 82.2 126.1 C 125.4 C 109.3 97.0 127.1 C 71.7 C 60.7 67.0 74.6 | 834 1446 748 856 622 5224 414 776 918 803 484 449 4718 | 120.2 C 212.3 C 106.9 139.9 C 84.3 128.3 C 97.6 116.5 C 128.8 C 109.3 104.1 133.8 C 70.2 68.0 74.9 | 830 1459 753 852 624 5231 412 768 952 809 488 923 467 4819 | 119.6 C 214.2 C 107.6 139.2 C 14.2 C 128.5 C 128.5 C 17.2 C 115.3 C 133.5 C 1104.9 141.3 C 73.0 94.8 62.7 69.0 72.2 | 851 1446 778 857 632 5282 415 767 953 790 482 971 473 4851 | 122.6 C 212.3 C 1111.1 140.0 C 85.2 69.4 71.7 | 869 1405 779 863 641 5283 418 768 945 774 483 1038 479 4905 | 125. 206. 1111. 86.5. 129. 98.4 115. 132. 105. 103. 159. 74.8 |
| Centennial Lane ES collifield Station ES Aconor Woods ES ew ES #45 NS conthield ES t Johns Lane ES Acoverly ES A egion Totals coutheastern tholton ES comman Crossing ES comman Crossin | 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 0 4296 788 612 788 788 | 647 694 681 0 700 612 738 4072 424 666 713 735 653 640 0 4296 | 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 0 4296 788 612 788 788 | 694 681 0 700 612 738 4072 424 666 713 735 465 653 640 0 4296 788 612 788 | 796 862 744 718 686 4544 455 707 701 760 432 644 528 4227 571 408 591 920 | 114.7 126.6 C 106.3 117.3 C 93.0 1111.6 107.3 106.2 98.3 103.4 92.9 98.6 82.5 98.4 | 740 806 947 739 730 671 4633 457 717 713 792 434 649 514 4276 | 116.1 C 139.1 C 105.6 119.3 C 90.9 113.8 107.7 100.0 107.8 107.7 100.0 93.3 99.4 80.3 99.5 | 842 1042 742 734 659 4763 460 741 756 798 413 644 491 4303 546 409 594 1051 | 121.3 C 153.0 C 106.0 119.9 C 89.3 117.0 C 108.5 111.3 106.0 108.6 76.7 100.2 | 841 1147 753 739 632 4850 447 757 776 836 410 661 482 4369 507 413 606 601 | 121.2 C 168.4 C 107.6 120.8 C 85.6 119.1 C 105.4 113.7 108.8 113.7 108.8 113.7 101.2 75.3 101.7 64.3 67.5 76.9 139.5 C 80.5 C | 827 1249 750 762 611 4940 418 761 813 839 414 705 469 4419 499 429 582 1111 | 119.2 C 183.4 C 107.1 124.5 C 82.8 121.3 C 98.6 114.3 114.0 114.1 89.0 108.0 73.3 102.9 63.3 70.1 73.9 141.0 C 79.1 | 814 1350 737 789 607 5018 416 772 852 830 415 792 462 4539 483 409 588 1123 | 117.3 C 198.2 C 105.3 128.9 C 82.2 123.2 C 98.1 115.9 C 119.5 C 112.9 89.2 121.3 C 72.2 89.3 | 842 1412 736 821 607 5136 414 784 803 451 830 459 4635 478 410 588 | 121.3 C 207.3 C 105.1 134.2 C 82.2 126.1 C 125.4 C 109.3 99.3 99.3 97.6 71.7 C 125.4 C 71.7 C 125.4 C 109.3 P 1.2 | 834 1446 748 856 622 5224 414 776 918 803 484 449 4718 490 416 51087 460 | 120.2 C 212.3 C 106.9 139.9 C 84.3 128.3 C 97.6 116.5 C 128.8 C 109.3 104.1 133.8 C 70.2 92.8 62.2 68.0 74.9 137.9 C 87.3 | 830 1459 753 852 624 5231 412 768 952 809 488 923 467 4819 | 119.6 C 214.2 C 107.6 139.2 C 84.6 128.5 C 97.2 115.3 C 133.5 C 110.1 104.9 141.3 C 73.0 94.8 62.7 69.0 72.2 133.6 C 91.5 5 | 851 1446 778 857 632 5282 415 767 953 790 482 971 473 4851 514 425 565 1018 | 122.6 C 212.3 C 111.1 140.0 C 85.6 129.7 C 133.7 C 107.5 148.7 C 73.9 95.4 65.2 69.4 71.7 129.2 C 96.0 | 869 1405 779 863 641 5283 418 768 945 774 483 1038 479 4905 | 125. 206. 1111. 141. 86.5. 129. 98. 115. 105. 103. 159. 74. 69. 69. 69. 124. 98. |
| rentennial Lane ES collifield Station ES collifield Station ES control ES corthfield ES dayerly ES degion Totals coutheastern tholton ES collman Bridge ES corest Ridge ES corman Crossing ES comman ES courel Woods ES ew ES #43 egion Totals //estern ushy Park ES clarksville ES cayton Oaks ES ulton ES sbon ES collifiers Run ES | 694 681 0 700 612 738 440 424 466 663 653 640 0 4296 | 647 694 681 0 700 612 424 666 713 345 465 653 465 640 0 4296 | 694 681 0 700 612 738 4072 424 466 667 713 735 640 0 4296 788 612 788 788 612 788 788 | 694 681 0 700 612 738 4072 424 466 667 713 735 640 0 4296 788 612 788 788 612 788 788 | 796 862 744 718 686 4554 455 707 701 760 432 644 528 4227 571 408 591 920 451 705 | 114.7 126.6 C 106.3 117.3 C 93.0 111.6 107.3 106.2 98.3 103.4 92.9 98.6 82.5 98.4 72.5 66.7 75.0 116.8 C 85.6 94.8 | 740 806 947 739 739 730 671 4633 457 717 713 792 434 649 514 4276 | 116.1 C 139.1 C 105.6 119.3 C 90.9 113.8 107.8 107.7 100.0 107.8 93.3 99.4 80.3 99.5 69.8 67.6 74.6 124.9 C 83.5 94.0 | 842 1042 742 734 659 4763 460 7741 756 778 413 644 491 4303 | 121.3 C 153.0 C 106.0 119.9 C 89.3 117.0 C 108.5 111.3 106.0 108.6 88.8 98.6 76.7 100.2 | 841 1147 753 739 632 4850 447 757 776 836 410 661 482 4369 507 413 606 1099 424 755 | 121.2 C 168.4 C 107.6 120.8 C 85.6 119.1 C 105.4 113.7 108.8 113.7 88.2 101.2 75.3 101.7 64.3 67.5 76.9 139.5 C 80.5 101.5 | 827 1249 750 762 6111 4940 418 761 813 839 414 705 469 4419 499 429 582 11111 417 795 | 119.2 C 183.4 C 107.1 124.5 C 82.8 121.3 C 98.6 114.3 114.0 114.1 89.0 108.0 73.3 102.9 63.3 70.1 73.9 141.0 C 79.1 106.9 | 814 1350 737 789 607 5018 416 772 852 830 415 792 462 4539 483 409 588 1123 421 814 | 117.3 C 198.2 C 105.3 128.9 C 82.2 123.2 C 98.1 115.9 C 119.5 89.2 121.3 C 72.2 89.3 61.3 66.8 74.6 142.5 C 79.9 | 842 1412 736 821 607 5136 414 894 803 459 4635 478 410 588 11119 425 824 | 121.3 C 207.3 C 105.1 134.2 C 82.2 126.1 C 125.4 C 109.3 97.0 127.1 C 71.7 C 60.7 67.0 74.6 142.0 C 80.6 110.8 | 834 1446 748 856 622 5224 414 776 803 484 874 449 490 416 590 1087 460 830 | 120.2 C 212.3 C 106.9 139.9 C 84.3 T 128.3 C 97.6 116.5 C 128.8 C 109.3 104.1 133.8 C 70.2 68.0 74.9 137.9 C 87.3 111.6 | 830 1459 753 852 624 412 768 952 809 923 467 4819 494 422 569 1053 482 | 119.6 C 214.2 C 107.6 139.2 C 84.6 128.5 C 128.5 C 97.2 115.3 C 1104.9 141.3 C 73.0 94.8 62.7 69.0 72.2 133.6 C 91.5 110.8 | 851 1446 778 857 632 5282 415 767 953 790 482 971 473 4851 514 425 565 1018 506 799 | 122.6 C 212.3 C 111.1 140.0 C 85.6 129.7 C 97.9 115.2 C 133.7 C 103.7 148.7 C 73.9 95.4 65.2 69.4 71.7 129.2 C 96.0 107.4 | 869 1405 779 863 641 5 5283 418 758 945 774 483 1038 479 4905 551 425 563 980 980 9770 | 125. 206. 111. 141. 86.5. 129. 98. 115. 132. 105. 103. 159. 74. 69. 71. 124. 98. 103. |
| Centennial Lane ES collifield Station ES danor Woods ES ew ES #45 NS corthfield ES t Johns Lane ES daverly ES A egion Totals coutheastern tholton ES colliman Bridge ES correst Ridge ES correna Crossing ES colliford ES ammond ES aurrel Woods ES lew ES #43 NS egion Totals /estern ushy Park ES clarksville ES clayton Oaks ES ulton ES shon ES cointers Run ES indelphia Ridge ES | 694 6811 0 700 612 738 4072 424 666 713 735 465 653 640 0 4296 788 788 788 788 788 788 788 | 647 694 681 0 700 612 738 4072 424 666 713 3735 465 653 640 0 4296 788 788 788 788 788 788 788 | 694 681 0 700 612 738 4072 424 666 713 345 653 640 0 4296 788 788 788 788 788 788 788 784 744 | 694 681 0 700 612 738 4072 424 666 713 465 653 640 0 4296 788 788 788 788 788 788 788 788 | 796 862 744 718 686 4554 455 707 701 760 432 644 528 4227 571 408 591 920 451 705 569 | 114.7 126.6 C 106.3 117.3 C 93.0 111.6 107.3 106.2 98.3 103.4 92.9 98.6 82.5 98.4 72.5 66.7 75.0 116.8 C 85.6 94.8 97.9 | 740 806 947 739 730 671 4633 457 717 713 792 434 649 514 4276 | 116.1 C 139.1 C 105.6 119.3 C 90.9 113.8 107.7 100.0 107.8 93.3 99.4 80.3 99.5 69.8 67.6 74.6 124.9 C 83.5 94.0 98.3 | 842 1042 742 734 659 460 7741 756 798 413 4303 4303 4409 5594 1051 430 7111 555 | 121.3 C 153.0 C 106.0 119.9 C 89.3 117.0 C 108.5 111.3 106.0 108.6 88.8 98.6 76.7 100.2 | 841 1147 753 739 632 4850 447 757 776 410 661 482 4369 507 413 606 1099 424 755 573 | 121.2 C 168.4 C 107.6 120.8 C 85.6 119.1 C 105.4 113.7 108.8 2 101.2 75.3 101.7 64.3 67.5 76.9 139.5 C 80.5 101.5 98.6 | 827 1249 750 762 611 4940 418 761 813 839 414 705 469 4419 499 429 582 1111 417 795 578 | 119.2 C 183.4 C 107.1 124.5 C 82.8 121.3 C 98.6 114.3 114.0 108.0 73.3 102.9 63.3 70.1 106.9 99.5 | 814 1350 737 7899 607 5018 416 772 852 4830 415 792 462 4539 483 409 9588 1123 421 814 8580 | 117.3 C 198.2 C 105.3 128.9 C 82.2 123.2 C 98.1 115.9 C 119.5 C 119.5 C 119.5 C 129.3 C 72.2 89.3 61.3 66.8 74.6 142.5 C 79.9 109.4 99.8 | 842 1412 736 821 607 5136 414 478 4894 451 830 459 4635 478 410 9425 824 478 | 121.3 C 207.3 C 105.1 134.2 C 82.2 126.1 C 171.7 C 125.4 C 109.3 97.0 127.1 C 71.7 C 74.6 142.0 C 80.6 110.8 99.5 | 834 1446 748 856 622 5224 414 776 918 803 484 487 449 490 416 590 1087 460 575 | 120.2 C 212.3 C 106.9 139.9 C 84.3 128.3 C 97.6 116.5 C 128.8 C 109.3 104.1 133.8 C 70.2 92.8 62.2 68.0 74.9 137.9 C 87.3 111.6 99.0 | 830 1459 753 852 624 5231 412 768 952 480 923 467 4819 494 422 569 1053 482 824 575 | 119.6 C 214.2 C 107.6 139.2 C 84.6 128.5 C 17.2 115.3 C 133.5 C 110.1 104.9 141.3 C 73.0 74.8 62.7 69.0 72.2 133.6 C 91.5 110.8 99.0 | 851 1446 778 857 632 5282 415 767 953 482 971 473 4851 514 425 505 505 505 507 979 973 | 122.6 C 212.3 C 111.1 140.0 C 85.6 129.7 C 97.9 115.2 C 133.7 C 107.5 103.7 C 148.7 C 73.9 95.4 65.2 69.4 71.7 129.2 C 96.0 107.4 98.6 | 869 1405 779 863 641 5283 418 758 945 774 483 479 4905 551 425 563 980 519 770 568 | 125. 206. 111. 141. 86.5. 129. 98.6. 115. 132. 105. 103. 159. 74.8. 69.4. 98.8. 124. 98.8. 103. |
| Centennial Lane ES collifield Station ES tanor Woods ES tew ES #45 Lorthfield ES Lorth | 694 6811 0 700 612 738 4072 424 666 713 735 640 0 4296 788 612 788 527 744 581 414 | 647 694 681 0 7700 612 738 4072 424 666 713 735 640 0 4296 788 612 788 612 788 527 744 581 141 | 694 681 0 700 612 738 4072 424 666 713 735 653 640 0 4296 788 612 788 612 788 527 744 538 549 744 | 694 681 0 700 612 738 4072 424 666 713 735 653 640 0 4296 788 612 788 612 788 527 744 144 | 796 862 744 718 686 4544 455 707 701 760 432 644 528 4227 571 408 591 705 591 705 569 334 | 114.7 126.6 C 106.3 117.3 C 93.0 1111.6 107.3 106.2 98.3 103.4 92.9 98.6 82.5 98.4 72.5 66.7 75.0 116.8 C 85.6 94.8 97.9 80.7 | 740 806 947 739 730 671 4633 457 717 713 792 434 649 514 4276 | 116.1 C 139.1 C 105.6 119.3 C 90.9 113.8 107.7 100.0 107.8 107.7 100.0 107.8 93.3 99.4 80.3 99.5 67.6 74.6 124.9 C 83.5 98.3 78.7 | 842 1042 742 734 659 4763 460 741 756 798 413 644 491 4303 546 409 594 1051 430 711 430 711 430 735 735 735 735 735 735 735 735 735 735 | 121.3 C 153.0 C 106.0 119.9 C 89.3 117.0 C 108.5 111.3 106.0 108.6 88.8 98.6 76.7 100.2 | 841 1147 753 739 632 4850 447 757 776 836 410 661 482 4369 4369 424 755 507 413 606 609 424 755 573 347 | 121.2 C 168.4 C 107.6 120.8 C 85.6 119.1 C 105.4 113.7 108.8 113.7 108.8 113.7 101.2 75.3 101.7 64.3 67.5 C 80.5 101.5 98.6 83.8 | 827 1249 750 762 611 4940 418 761 813 839 414 705 469 4419 429 582 582 51111 417 795 578 | 119.2 C 183.4 C 107.1 124.5 C 82.8 121.3 C 98.6 114.3 114.0 114.1 89.0 108.0 73.3 102.9 63.3 70.1 73.9 141.0 C 79.1 106.9 99.5 89.4 | 814 1350 737 789 607 5018 416 772 852 830 415 792 462 4539 483 409 588 81123 421 814 580 399 | 98.1 115.9 98.1 115.9 98.1 115.9 119.5 112.3 89.2 121.3 66.8 74.6 142.5 79.9 109.4 99.8 | 842 1412 736 821 651 675 675 675 675 675 675 675 675 675 675 | 121.3 C 207.3 C 105.1 134.2 C 82.2 126.1 C 125.4 C 109.3 97.0 127.1 C 71.7 C 74.6 110.8 99.5 97.8 | 834 1446 748 856 622 5 5224 414 776 918 803 484 874 449 4718 490 416 5108 7460 830 830 830 460 830 831 460 831 460 831 460 831 460 831 831 831 831 831 831 831 831 831 831 | 120.2 C 212.3 C 106.9 139.9 C 84.3 128.3 C 97.6 116.5 C 128.8 C 109.3 104.1 133.8 C 70.2 92.8 62.2 68.0 74.9 137.9 C 87.3 111.6 99.0 99.0 | 830 1459 753 852 624 5231 412 768 952 809 923 467 4819 494 422 569 494 422 824 575 575 809 | 119.6 C 214.2 C 107.6 139.2 C 84.6 128.5 C 97.2 115.3 C 133.5 C 110.1 104.9 141.3 C 73.0 94.8 62.7 69.0 72.2 133.6 C 91.5 110.8 99.0 97.3 | 851 1446 778 857 632 5282 415 767 953 790 482 971 473 4851 514 425 565 565 1018 506 799 404 | 122.6 C 212.3 C 111.1 140.0 C 85.6 129.7 C 133.7 C 107.5 148.7 C 73.9 95.4 65.2 69.4 71.7 129.2 C 96.0 107.4 98.6 97.6 | 869 1405 779 863 641 5283 418 768 945 774 483 1038 479 4905 551 425 563 519 770 770 770 80 60 60 60 60 60 60 60 60 60 60 60 60 60 | 125. 206. 111. 141. 86.5. 129. 98.6. 115. 103. 159. 74.8. 69.2. 71.2. 124. 98.5. 97.8. 97.8. |
| Centennial Lane ES Iollifield Station ES Adanor Woods ES Iew ES #45 Iorthfield ES I Johns Lane ES Voverly ES A legion Totals outheastern Itholton ES Iollman Bridge ES Iorest Ridge ES Iorman Crossing ES Ioulford ES Iommond ES Ioumnond ES Iourel Woods ES | 694 6811 0 700 612 738 4072 424 666 713 735 465 653 640 0 4296 788 788 788 788 788 788 788 | 647 694 681 0 700 612 738 4072 424 466 663 640 4296 788 612 788 612 788 527 744 581 414 | 694 681 0 700 612 738 4072 424 666 713 735 640 0 4296 788 612 788 612 788 527 744 581 141 581 | 694 681 0 700 612 738 4072 424 666 713 735 640 0 4296 788 612 788 612 788 527 744 581 141 581 | 796 862 744 718 686 4554 455 707 701 760 432 644 528 4227 571 408 591 920 451 705 569 | 114.7 126.6 C 106.3 117.3 C 93.0 111.6 106.2 98.3 103.4 92.9 98.6 82.5 98.4 72.5 66.7 75.0 116.8 C 85.6 94.8 97.9 80.7 86.8 | 740 806 947 739 730 671 4633 457 717 713 792 434 649 514 4276 | 116.1 C 139.1 C 105.6 119.3 C 90.9 113.8 107.8 107.7 100.0 107.8 107.7 100.0 107.8 80.3 99.4 80.3 99.5 69.8 67.6 74.6 124.9 C 83.5 94.0 98.3 78.7 87.2 | 842 1042 742 734 659 4763 460 741 756 798 413 644 491 4303 554 409 5594 430 7111 555 54648 | 121.3 C 153.0 C 106.0 119.9 C 89.3 117.0 C 108.5 111.3 106.0 108.6 88.8 98.6 76.7 100.2 | 841 1147 753 739 632 4850 447 757 776 836 410 661 482 4369 413 606 1099 424 755 573 347 4724 | 121.2 C 168.4 C 107.6 120.8 C 85.6 119.1 C 105.4 113.7 108.8 2 101.2 75.3 101.7 64.3 67.5 76.9 139.5 C 80.5 101.5 98.6 | 827 1249 750 762 611 4940 418 761 813 839 414 705 469 4419 429 582 11111 795 578 8370 4781 | 119.2 C 183.4 C 107.1 124.5 C 82.8 121.3 C 98.6 114.3 114.0 108.0 73.3 102.9 63.3 70.1 106.9 99.5 | 814 1350 737 789 607 5018 416 772 852 830 415 792 462 4539 483 409 588 81123 421 814 580 814 814 814 817 818 818 819 818 819 819 819 819 819 819 | 117.3 C 198.2 C 105.3 128.9 C 82.2 123.2 C 98.1 115.9 C 119.5 C 119.5 C 119.5 C 129.3 C 72.2 89.3 61.3 66.8 74.6 142.5 C 79.9 109.4 99.8 | 842 1412 736 821 607 5136 414 894 893 451 830 459 4635 478 410 588 11119 588 410 588 410 588 425 644 645 646 647 647 647 648 648 648 648 648 648 648 648 648 648 | 121.3 C 207.3 C 105.1 134.2 C 82.2 126.1 C 171.7 C 125.4 C 109.3 97.0 127.1 C 71.7 C 74.6 142.0 C 80.6 110.8 99.5 | 834 1446 748 856 622 5224 414 776 918 803 484 874 449 4718 490 416 590 1087 460 830 575 575 410 4858 | 120.2 C 212.3 C 106.9 139.9 C 84.3 128.3 C 97.6 116.5 C 128.8 C 109.3 104.1 133.8 C 70.2 92.8 62.2 68.0 74.9 137.9 C 87.3 111.6 99.0 | 830 1459 753 852 624 5231 412 768 952 809 923 467 4819 494 422 569 1053 482 824 4575 403 4822 | 119.6 C 214.2 C 107.6 139.2 C 84.6 128.5 C 17.2 115.3 C 133.5 C 110.1 104.9 141.3 C 73.0 74.8 62.7 69.0 72.2 133.6 C 91.5 110.8 99.0 | 851 1446 778 857 632 5282 415 767 953 482 971 473 4851 514 425 505 505 505 507 979 973 | 122.6 C 212.3 C 111.1 140.0 C 85.6 129.7 C 133.7 C 133.7 C 133.7 C 133.7 C 133.7 C 133.7 C 148.7 C 73.9 | 869 1405 779 863 641 5283 418 758 945 774 483 479 4905 551 425 563 980 519 770 568 | 125.2 206.3 111.3 141.4 86.9.9 98.6 115.3 105.3 105.3 159.0 74.8 69.9.4 71.4 98.5 103.8 97.8 98.1 98.1 98.5 98.1 98.6 98.9 |

| Post-Measures | | | | | | | | ELEMI | ENTA | RY SC | HOC | DLS - I | Data | for De | mon | strativ | /e Pι | rpose | es Or | ıly | | | | | | |
|--|---|--|---|---|---|---|--|--|---|---|---|--|---|---|---|--|---|--|---|---|---|---|---|---|--|--|
| Aggregate Plan Chart reflects May 2017 Projections, Board of Education's FY 2019 Requested capacities and estimated redistricting based on the 2017 Feasibility Study Columbia - East 2018 2019 2020 2021 1 2021-22 2022-23 2023-24 2024-25 2025-26 2026-27 2027-28 2028-29 Columbia - East 2018 2019 2020 2021 1 2021-22 2022-23 2023-24 2024-25 2025-26 2026-27 2027-28 2028-29 Columbia - East 2018 2019 2020 2021 1 2021-22 2022-23 2023-24 2024-25 2025-26 2026-27 2027-28 2028-29 Columbia - East 2018 2019 2020 2021 2021-22 2022-23 2023-24 2024-25 2025-26 2026-27 2027-28 2028-29 Columbia - East 2018 2019 2020 2021 2021-22 2022-23 2023-24 2024-25 2025-26 2026-27 2027-28 2028-29 Columbia - East 2018 2019 2020 2021 2021-22 2022-23 2023-24 2024-25 2025-26 2026-27 2027-28 2028-29 Columbia - East 2018 2019 2020 2021 2021-22 2022-23 2023-24 2024-25 2025-26 2026-27 2027-28 2028-29 Columbia - East 2018 2019 2020 2021 2021-22 2022-23 2023-24 2024-25 2025-26 2026-27 2027-28 2028-29 Columbia - East 2018 2019 2020 2021 2021-22 2022-23 2023-24 2024-25 2025-26 2026-27 2027-28 2028-29 Columbia - East 2018 2019 2020 2021 2021-22 2022-23 2023-24 2024-25 2025-26 2026-27 2027-28 2028-29 Columbia - East 2018 2019 2020 2021 2021-22 2022-23 2023-24 2024-25 2025-26 2026-27 2027-28 2028-29 Columbia - East 2018 2019 2020 2021 2021-22 2022-23 2023-24 2024-25 2025-26 2025-26 2026-27 2027-28 2028-29 Columbia - East 2018 2019 2020 2021 2021-22 2022-23 2023-24 2024-25 2025-26 202 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chart reflects May 2017 | Projec | | | of Educ | | | | | | | | | | | | | | | | | | | | | | |
| Calumahin Emak | 2010 | | | 2021 | _ | | | | | | | | | | | | | | | | | | | | | |
| Columbia - East Cradlerock ES | 398 | 398 | 398 | 398 | 418 | % UIII. 105.0 | 412 | 76 UIII. 103.5 | 398 | 76 UIII. 100.0 | 390 | % UIII. 98.0 | 367 | % UIII. 92.2 | 380 | % UIII. 95.5 | 383 | % UIII. 96.2 | 386 | % UIII. 97.0 | 392 | % UIII. 98.5 | 396 | % UIII. 99.5 | 402 | % UIII. |
| Jeffers Hill ES | 421 | 421 | 421 | 421 | 439 | 104.3 | 439 | 104.3 | 430 | 102.1 | 437 | 103.8 | 432 | 102.6 | 434 | 103.1 | 434 | 103.1 | 441 | 104.8 | 450 | 106.9 | 455 | 108.1 | 460 | 107.3 |
| Phelps Luck ES | 616 | 616 | 616 | 616 | 584 | 94.8 | 612 | 99.4 | 637 | 103.4 | 653 | 106.0 | 663 | 107.6 | 676 | 109.7 | 682 | 110.7 | 690 | 112.0 | 713 | 115.7 C | 720 | 116.9 | | 118.0 C |
| Stevens Forest ES | 399 | 399 | 399 | 399 | 396 | 99.2 | 394 | 98.7 | 400 | 100.3 | 400 | 100.3 | 407 | 102.0 | 403 | 101.0 | 402 | 100.8 | 405 | 101.5 | 413 | 103.5 | 417 | 104.5 | 419 | 105.0 |
| Talbott Springs ES | 377 | 377 | 377 | 540 | 396 | 105.0 | 394 | 104.5 | 399 | 105.8 | 398 | 73.7 | 394 | 73.0 | 392 | 72.6 | 396 | 73.3 | 399 | 73.9 | 405 | 75.0 | 408 | 75.6 | 412 | 76.3 |
| Thunder Hill ES | 509 | 509 | 509 | 509 | 545 | 107.1 | 525 | 103.1 | 511 | 100.4 | 514 | 101.0 | 507 | 99.6 | 499 | 98.0 | 504 | 99.0 | 509 | 100.0 | 510 | 100.2 | 515 | 101.2 | 521 | 102.4 |
| | 2720 | 2720 | 2720 | | 2778 | | | 102.1 | | | 2792 | | 2770 | | | 96.6 | 2801 | 97.2 | 2830 | 98.2 | 2883 | | | 101.0 | 2941 | |
| - 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Columbia - West | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bryant Woods ES | 361 | 361 | 361 | 361 | 314 | 87.0 | 330 | 91.4 | 343 | 95.0 | 359 | 99.4 | 379 | 105.0 | 401 | 111.1 | 417 | 115.5 C | 434 | 120.2 C | 453 | 125.5 C | 472 | 130.7 | 2 484 | 134.1 C |
| Clemens Crossing ES | 521 | 521 | 521 | 521 | 497 | 95.4 | 520 | 99.8 | 545 | 104.6 | 549 | 105.4 | 562 | 107.9 | | 110.7 | 587 | 112.7 | 610 | 117.1 C | 627 | 120.3 C | 640 | 122.8 | C 641 | 123.0 C |
| ongfellow ES | 512 | 512 | 512 | 512 | 552 | 107.8 | 539 | 105.3 | 532 | 103.9 | 523 | 102.1 | 528 | 103.1 | 527 | 102.9 | 524 | 102.3 | 534 | 104.3 | 540 | 105.5 | 546 | 106.6 | 551 | 107.6 |
| New ES #44 NS | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | |
| Running Brook ES | 515 | 515 | 515 | 515 | 447 | 86.8 | 476 | 92.4 | 501 | 97.3 | 548 | 106.4 | 592 | 115.0 | 633 | 122.9 C | | 128.9 C | | 135.1 C | | 143.1 C | | 149.7 | | 155.1 C |
| Swansfield ES | 621 | 621 | 621 | 621 | 652 | 105.0 | 652 | 105.0 | 664 | 106.9 | 662 | 106.6 | 678 | 109.2 | 683 | 110.0 | 687 | 110.6 | 695 | 111.9 | 705 | 113.5 | 713 | 114.8 | 724 | 116.6 C |
| Region Totals | 2530 | 2530 | 2530 | 2530 | 2462 | 97.3 | 2517 | 99.5 | 2585 | 102.2 | 2641 | 104.4 | 2739 | 108.3 | 2821 | 111.5 | 2879 | 113.8 | 2969 | 117.4 C | 3062 | 121.0 C | 3142 | 94.7 | 3199 | 96.4 |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northeastern | 751 | 751 | 751 | 7.5.1 | 507 | 70.0 | 500 | 79.6 | 407 | 83.5 | 4.7 | 04.0 | 474 | 89.7 | 407 | 00.0 | 700 | 05.0 | 720 | 97.5 | 710 | 045 | 704 | 93.7 | 698 | 92.9 |
| Bellows Spring ES Deep Run ES | 751 750 | 751 750 | 751 750 | 751 750 | 587 604 | 78.2 80.5 | 598 643 | 79.6 85.7 | 627 689 | 83.5 91.9 | 647 742 | 86.2 98.9 | 674 780 | 89.7 104.0 | 697 807 | 92.8 107.6 | 720 826 | 95.9 110.1 | 732 845 | 97.5 112.7 | 710 842 | 94.5 112.3 | 704 854 | 93.7 113.9 | 698 857 | 92.9 114.3 |
| Ducketts Lane ES | 770 | 770 | 770 | 770 | 645 | 83.8 | 711 | 92.3 | 771 | 100.1 | 851 | 110.5 | 906 | 117.7 C | | 119.7 C | | 121.2 C | | 112.7 119.4 C | | 112.3 118.6 C | | 118.3 | | 114.3 116.4 C |
| Elkridge ES | 760 | 760 | 760 | 760 | 829 | 109.1 | 796 | 104.7 | 786 | 100.1 | 771 | 101.4 | 740 | 97.4 | 720 | 94.7 | 739 | 97.2 | 780 | 102.6 | 808 | 106.3 | 853 | 112.2 | 869 | 114.3 |
| Ichester ES | 653 | 653 | 653 | 653 | 626 | 95.9 | 604 | 92.5 | 598 | 91.6 | 596 | 91.3 | 613 | 93.9 | 661 | 101.2 | 696 | 106.6 | 738 | 113.0 | 770 | 117.9 | | 120.8 | | 125.7 C |
| | 832 | 832 | 832 | 832 | 020 | 73.7 | 757 | 91.0 | 841 | 101.1 | 921 | 110.7 | 1008 | 121.2 C | | 127.5 C | | 132.5 C | | 138.5 C | | 138.9 C | | | 1206 | 145.0 C |
| Rockburn ES | 653 | 653 | 653 | 653 | 591 | 90.5 | 610 | 93.4 | 652 | 99.8 | 655 | 100.3 | 659 | 100.9 | 664 | 101.7 | 692 | 106.0 | 707 | 108.3 | 700 | 107.2 | 699 | 107.0 | 701 | 107.4 |
| Veterans ES * | 799 | 799 | 799 | 799 | 917 | 114.8 | 927 | 116.0 | 937 | 117.3 | 930 | 116.4 | 917 | 114.8 | 898 | 112.4 | 908 | 113.6 | 903 | 113.0 | 904 | 113.1 | 955 | 119.5 | | 122.2 C |
| Waterloo ES | 663 | 663 | 663 | 663 | 641 | 96.7 | 616 | 92.9 | 642 | 96.8 | 641 | 96.7 | 659 | 99.4 | 660 | 99.5 | 660 | 99.5 | 670 | 101.1 | 677 | 102.1 | 680 | 102.6 | 693 | 104.5 |
| Worthington ES | 515 | 515 | 515 | 515 | 546 | 106.0 | 502 | 97.5 | 496 | 96.3 | 482 | 93.6 | 486 | 94.4 | 508 | 98.6 | 526 | 102.1 | 553 | 107.4 | 563 | 102.1 | 580 | 112.6 | 638 | 123.9 C |
| | 7146 | | | | | 83.8 | 6764 | 94.7 | 7039 | 98.5 | 7236 | | | 104.1 | | | | 109.2 | | 111.9 | | 112.6 | | 114.8 | | 116.9 C |
| icgion rolais | 7140 | 7140 | 7140 | 7140 | 0700 | | 0,04 | 7-1.7 | 7007 | 70.0 | , 200 | 101.0 | | 104.1 | 7070 | 100.0 | 7002 | 107.2 | | | 00-10 | 112.0 | 0200 | 114.0 | 0000 | 110.7 |
| Northern | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Centennial Lane ES | 647 | 647 | 647 | 647 | 738 | 114.1 | 741 | 114.5 | 744 | 115.0 | 738 | 114.1 | 741 | 114.5 | 721 | 111.4 | 718 | 111.0 | 718 | 111.0 | 713 | 110.2 | 719 | 111.1 | 727 | 112.4 |
| Hollifield Station ES | 732 | 732 | 732 | 732 | 760 | 103.8 | 775 | 105.9 | 808 | 110.4 | 811 | 110.8 | 801 | 109.4 | 790 | 107.9 | 817 | 111.6 | 807 | 110.2 | 799 | 109.2 | 818 | 111.7 | 833 | 113.8 |
| Manor Woods ES | 681 | 681 | 681 | 681 | 620 | 91.0 | 661 | 97.1 | 703 | 103.2 | 746 | 109.5 | 776 | 114.0 | 823 | 120.9 C | 843 | 123.8 C | 851 | 125.0 C | 860 | 126.3 C | 857 | 125.8 | 834 | 122.5 C |
| New ES #45 NS | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | |
| Northfield ES | 700 | 700 | 700 | 700 | 683 | 97.6 | 680 | 97.1 | 682 | 97.4 | 693 | 99.0 | 690 | 98.6 | 678 | 96.9 | 676 | 96.6 | 686 | 98.0 | 686 | 98.0 | 711 | 101.6 | 712 | 101.7 |
| St Johns Lane ES | 612 | 612 | 612 | 612 | 635 | 103.8 | 639 | 104.4 | 642 | 104.9 | 640 | 104.6 | 654 | 106.9 | 673 | 110.0 | 700 | 114.4 | 717 | 117.2 C | 719 | 117.5 C | 726 | 118.6 | 737 | 120.4 C |
| Waverly ES A | 760 | 760 | 760 | 760 | 775 | 102.0 | 777 | 102.2 | 792 | 104.2 | 797 | 104.9 | 810 | 106.6 | 830 | 109.2 | 836 | 110.0 | 871 | 114.6 | 870 | 114.5 | 873 | 114.9 | 871 | 114.6 |
| Region Totals | 4132 | 4132 | 4132 | 4132 | 4211 | 101.9 | 4273 | 103.4 | 4371 | 105.8 | 4425 | 107.1 | 4472 | 108.2 | 4515 | 109.3 | 4590 | 111.1 | 4650 | 112.5 | 4647 | 112.5 | 4704 | 113.8 | 4714 | 114.1 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| outheastern | | | | | 45- | 107. | , | | | | | | | | | | | 07.6 | | | | | | | , | |
| Atholton ES | 424 | 424 | 424 | 424 | 455 | 107.3 | 457 | 107.8 | 460 | 108.5 | 448 | 105.7 | 419 | 98.8 | 417 | 98.3 | 415 | 97.9 | 414 | 97.6 | 413 | 97.4 | 415 | 97.9 | 418 | 98.6 |
| Bollman Bridge ES | 666 | 666 713 | 666 | 666 | 611 | 91.7 | 620 | 93.1 | 640 | 96.1 | 654 | 98.2 | 658 | 98.8 | 667 | 100.2 | 679 | 102.0 | 671 | 100.8 | 664 | 99.7 | 666 | 100.0 | 667 | 100.2 |
| | | | 713 | 713 | 669 | 93.8 | 676 | 94.8 | 713 | 100.0 | 730 | 102.4 | 760 | 106.6 | 796 | 111.6 | 828 | 116.1 C | | 118.5 C | | 122.0 C | | 121.6 | | 120.5 C |
| Forest Ridge ES * | 713 | | | 735 | 757 480 | 103.0 | 789 | 107.3 | 795 | 108.2 | 833 | 113.3 | 835 | 113.6 | 827 | 112.5 | 800 | 108.8 | 800 | 108.8 | 806 | 109.7 | 788 | 107.2 | 770 534 | 104.8 |
| Gorman Crossing ES * | 735 | 735 | 735 | | | 103.2 | 485 | 104.3 | 462 | 99.4 | 459 | 98.7 | 462 | 99.4 | 463 794 | 99.6 | 500 | 107.5 | 533 | 114.6 | 538 | | • 000 | 114.6 | | 114.8 |
| Gorman Crossing ES * Guilford ES | 735 465 | 735 465 | 465 | 465 | | 00.0 | | 99.5 | 646 | 98.9 | 663 635 | 101.5 | 707 | 108.3 | | 121.6 C | 832 | 127.4 C 99.4 | 0, 0 | 134.2 C | – . | 141.5 C | | 148.9 | | 159.3 C |
| Gorman Crossing ES * Guilford ES Hammond ES | 735 465 653 | 735 465 653 | 465 653 | 653 | 646 | 98.9 | 650 | | /20 | | | 99.2 | 630 | 98.4 | 627 | 98.0 | 636 | 99.4 | 633 | 98.9 | 658 | 102.8 | 665 | 103.9 | 672 | 105.0 |
| Gorman Črossing ES * Guilford ES Hammond ES Laurel Woods ES | 735 465 653 640 | 735 465 653 640 | 465 653 640 | 653 640 | | 98.9 103.1 | 652 | 101.9 | 639 | 99.8 | 000 | | | | | | | | | | | | | | 0, 2 | |
| Gorman Crossing ES * Guilford ES Hammond ES .aurel Woods ES New ES #43 NS | 735 465 653 640 0 | 735 465 653 640 0 | 465 653 640 0 | 653 640 0 | 646 660 | 103.1 | 652 | 101.9 | | | | 102.0 | 4471 | 104 1 | AE01 | 00 3 | VY OU | 02.3 | 4772 | 03.0 | | 0.5.0 | 1004 | 04.5 | | 07.4 |
| Gorman Crossing ES * Guilford ES Hammond ES aurel Woods ES New ES #43 NS | 735 465 653 640 | 735 465 653 640 | 465 653 640 0 | 653 640 0 | 646 660 | 103.1 | 652 | | | 101.4 | | 102.9 | 4471 | 104.1 | 4591 | 90.3 | 4690 | 92.3 | 4772 | 93.9 | 4873 | 95.8 | 4906 | 96.5 | | 97.6 |
| Gorman Crossing ES * Guilford ES dammond ES aurel Woods ES dew ES #43 NS degion Totals | 735 465 653 640 0 | 735 465 653 640 0 | 465 653 640 0 | 653 640 0 | 646 660 | 103.1 | 652 | 101.9 | | | | 102.9 | 4471 | 104.1 | 4591 | 90.3 | 4690 | 92.3 | 4772 | 93.9 | | 95.8 | 4906 | 96.5 | | 97.6 |
| Gorman Crossing ES * Guilford ES Hammond ES Laurel Woods ES New ES #43 NS | 735 465 653 640 0 | 735 465 653 640 0 | 465 653 640 0 | 653 640 0 | 646 660 | 103.1 | 652 | 101.9 | | | | 93.5 | 4471 738 | 93.7 | | 90.3 93.3 | 4690 | 92.3 93.0 | 4772 | 93.9 94.8 | | 95.8 95.1 | 4906 | 96.5 98.0 | | 97.6 |
| Gorman Crossing ES * Guilford ES Hammond ES Laurel Woods ES New ES #43 Region Totals Nestern | 735 465 653 640 0 4296 | 735 465 653 640 0 4296 | 465 653 640 0 4296 | 653 640 0 4296 | 646 660 4278 | 99.6 | 652 4329 | 101.9 | 4355 | 101.4 | 4422 | | | | 4591 735 567 | 93.3 | | | | | 4873 | | | | 4960 | |
| Gorman Crossing ES * Guilford ES dammond ES aurel Woods ES New ES #43 NS Region Totals Western Bushy Park ES | 735 465 653 640 0 4296 | 735 465 653 640 0 4296 | 465 653 640 0 4296 788 | 653 640 0 4296 788 | 646 660 4278 801 | 99.6 101.6 | 652 4329 775 | 101.9 100.8 98.4 | 4355 | 101.4 98.7 | 4422 737 | 93.5 | 738 | 93.7 | 735 | | 733 | 93.0 | 747 | 94.8 | 4873 | 95.1 | 772 | 98.0 | 4960 808 | 102.5 |
| Gorman Crossing ES * Gouliford ES Idammond ES aurel Woods ES Iew ES #43 NS Iegion Totals Vestern Iushy Park ES Clarksville ES Dayton Odks ES | 735 465 653 640 0 4296 788 543 | 735 465 653 640 0 4296 788 543 | 465 653 640 0 4296 788 543 | 653 640 0 4296 788 543 | 646 660 4278 801 525 | 99.6 101.6 96.7 | 652 4329 775 523 | 101.9 100.8 98.4 96.3 | 4355 778 514 | 98.7 94.7 | 737 534 | 93.5 98.3 | 738 571 695 | 93.7 105.2 | 735 567 | 93.3 104.4 | 733 578 | 93.0 106.4 | 747 582 | 94.8 107.2 | 749 586 689 | 95.1 107.9 | 772 583 680 | 98.0 107.4 88.4 | 4960 808 574 673 | 102.5 105.7 |
| Gorman Crossing ES * Guilford ES dammond ES aurel Woods ES NS teegion Totals Western Bushy Park ES Clarksville ES | 735 465 653 640 0 4296 788 543 769 | 735 465 653 640 0 4296 788 543 769 | 465 653 640 0 4296 788 543 769 | 653 640 0 4296 788 543 769 | 801 525 630 921 451 | 99.6 101.6 96.7 81.9 | 652 4329 775 523 658 | 98.4 96.3 85.6 | 778 514 653 | 98.7 94.7 84.9 | 737 534 714 | 93.5 98.3 92.8 | 738 571 695 | 93.7 105.2 90.4 | 735 567 706 | 93.3 104.4 91.8 | 733 578 705 | 93.0 106.4 91.7 | 747 582 711 | 94.8 107.2 92.5 | 749 586 689 | 95.1 107.9 89.6 | 772 583 680 | 98.0 107.4 88.4 | 808 574 673 | 102.5 105.7 87.5 |
| Gorman Crossing ES * Guilford ES Identification of | 735 465 653 640 0 4296 788 543 769 826 | 735 465 653 640 0 4296 788 543 769 826 | 465 653 640 0 4296 788 543 769 826 | 653 640 0 4296 788 543 769 826 | 646 660 4278 801 525 630 921 | 103.1 99.6 101.6 96.7 81.9 111.5 | 775 523 658 985 | 98.4 96.3 85.6 | 778 514 653 1052 | 98.7 94.7 84.9 127.4 | 737 534 714 2 1100 | 93.5 98.3 92.8 133.2 | 738 571 695 1112 | 93.7 105.2 90.4 134.6 C | 735 567 706 1124 | 93.3 104.4 91.8 136.1 C | 733 578 705 1120 | 93.0 106.4 91.7 135.6 C | 747 582 711 1087 | 94.8 107.2 92.5 131.6 C | 749 586 689 1054 | 95.1 107.9 89.6 127.6 (| 772 583 680 1019 | 98.0 107.4 88.4 123.4 | 808 574 673 2 981 | 102.5 105.7 87.5 118.8 C |
| Gorman Crossing ES * Guilford ES dummond ES aurel Woods ES New ES #43 NS Region Totals Vestern Bushy Park ES Clarksville ES Doyton Oaks ES iulton ES | 735 465 653 640 0 4296 788 543 769 826 527 | 735 465 653 640 0 4296 788 543 769 826 527 | 788 543 769 826 527 | 653 640 0 4296 788 543 769 826 527 | 801 525 630 921 451 | 99.6 101.6 96.7 81.9 111.5 85.6 | 775 523 658 985 441 | 98.4 96.3 85.6 119.2 C | 778 514 653 1052 431 | 98.7 94.7 84.9 127.4 81.8 | 737 534 714 2 1100 424 | 93.5 98.3 92.8 133.2 80.5 | 738 571 695 1112 417 | 93.7 105.2 90.4 134.6 C | 735 567 706 1124 422 | 93.3 104.4 91.8 136.1 C 80.1 | 733 578 705 1120 426 | 93.0 106.4 91.7 135.6 C 80.8 | 747 582 711 1087 461 | 94.8 107.2 92.5 131.6 C 87.5 | 749 586 689 1054 482 | 95.1 107.9 89.6 127.6 0 91.5 | 772 583 680 1019 507 | 98.0 107.4 88.4 123.4 96.2 | 808 574 673 981 519 | 102.5 105.7 87.5 118.8 C 98.5 |
| Gorman Crossing ES * Gouliford ES daurel Woods ES lew ES #43 NS legion Totals Vestern iushy Park ES Clarksville ES Dayton Oaks ES ulton ES ricioters Run ES ricideliphia Ridge ES | 735 465 653 640 0 4296 788 543 769 826 527 744 | 735 465 653 640 0 4296 788 543 769 826 527 744 | 788 543 769 826 527 744 | 788 543 769 826 527 744 | 801 525 630 921 451 702 | 103.1 99.6 101.6 96.7 81.9 111.5 85.6 94.4 | 775 523 658 985 441 694 | 98.4 96.3 85.6 119.2 C | 778 514 653 1052 431 701 | 98.7 94.7 84.9 127.4 81.8 94.2 | 737 534 714 1100 424 722 | 93.5 98.3 92.8 133.2 80.5 97.0 | 738 571 695 1112 417 732 | 93.7 105.2 90.4 134.6 79.1 98.4 | 735 567 706 1124 422 738 | 93.3 104.4 91.8 136.1 C 80.1 99.2 | 733 578 705 1120 426 742 607 | 93.0 106.4 91.7 135.6 C 80.8 99.7 | 747 582 711 1087 461 773 | 94.8 107.2 92.5 131.6 87.5 103.9 | 749 586 689 1054 482 772 604 | 95.1 107.9 89.6 127.6 0 91.5 103.8 | 772 583 680 1019 507 764 600 | 98.0 107.4 88.4 123.4 96.2 102.7 | 808 574 673 981 519 758 595 | 102.5 105.7 87.5 118.8 C 98.5 101.9 |
| Gorman Črossing ES * Guilford ES dummond ES durel Woods ES dew ES #43 NS teegion Totals Western Bushy Park ES Clarksville ES Dayton Oaks ES 'vilton ES isbon ES Pointers Run ES riadelphia Ridge ES West Friendship ES | 735 465 653 640 0 4296 788 543 769 826 527 744 581 | 735 465 653 640 0 4296 788 543 769 826 527 744 581 414 | 788 543 769 826 527 744 581 | 788 543 769 826 527 744 581 414 | 801 525 630 921 451 702 571 | 103.1 99.6 101.6 96.7 81.9 111.5 85.6 94.4 98.3 | 775 523 658 985 441 694 573 | 98.4 96.3 85.6 119.2 83.7 93.3 98.6 | 778 514 653 1052 431 701 578 | 98.7 94.7 84.9 127.4 81.8 94.2 99.5 | 737 534 714 1100 424 722 603 | 93.5 98.3 92.8 133.2 80.5 97.0 103.8 98.1 | 738 571 695 1112 417 732 606 | 93.7 105.2 90.4 134.6 79.1 98.4 104.3 | 735 567 706 1124 422 738 610 | 93.3 104.4 91.8 136.1 C 80.1 99.2 105.0 | 733 578 705 1120 426 742 607 | 93.0 106.4 91.7 135.6 C 80.8 99.7 104.5 | 747 582 711 1087 461 773 601 | 94.8 107.2 92.5 131.6 C 87.5 103.9 103.4 | 749 586 689 1054 482 772 604 | 95.1 107.9 89.6 127.6 91.5 103.8 104.0 | 772 583 680 1019 507 764 600 | 98.0 107.4 88.4 123.4 96.2 102.7 103.3 138.2 | 808 574 673 981 519 758 595 | 102.5 105.7 87.5 118.8 C 98.5 101.9 102.4 136.5 C |
| iuilford ES ammond ES aurel Woods ES ew ES #43 NS egion Totals lestern ushy Park ES larksville ES ayton Oaks ES ultlon ES sbon ES sindelphia Ridge ES lest Friendship ES egion Totals | 735 465 653 640 0 4296 788 543 769 826 527 744 581 414 5192 | 735 465 653 640 0 4296 788 543 769 826 527 744 581 414 | 788 543 769 826 527 744 581 414 5192 | 653 640 0 4296 788 543 769 826 527 744 581 414 5192 | 801 525 630 921 451 702 571 311 4912 | 99.6 101.6 96.7 81.9 111.5 85.6 94.4 98.3 75.1 94.6 | 775 523 658 985 441 694 573 335 | 98.4 96.3 85.6 119.2 83.7 93.3 98.6 80.9 96.0 | 778 514 653 1052 431 701 578 375 | 98.7 94.7 84.9 127.4 81.8 94.2 99.5 90.6 97.9 | 737 534 714 1100 424 722 603 406 5240 | 93.5 98.3 92.8 133.2 80.5 97.0 103.8 98.1 | 738 571 695 1112 417 732 606 464 | 93.7 105.2 90.4 134.6 79.1 98.4 104.3 112.1 102.8 | 735 567 706 1124 422 738 610 518 | 93.3 104.4 91.8 136.1 C 80.1 99.2 105.0 125.1 C | 733 578 705 1120 426 742 607 554 | 93.0 106.4 91.7 135.6 C 80.8 99.7 104.5 133.8 C | 747 582 711 1087 461 773 601 584 | 94.8 107.2 92.5 131.6 C 87.5 103.9 103.4 141.1 C | 749 586 689 1054 482 772 604 582 5518 | 95.1 107.9 89.6 127.6 91.5 103.8 104.0 140.6 | 772 583 680 1019 507 764 600 572 5497 | 98.0 107.4 88.4 123.4 96.2 102.7 103.3 138.2 | 808 574 673 2 981 519 758 595 565 5473 | 102.5 105.7 87.5 118.8 C 98.5 101.9 102.4 136.5 C |

^{&#}x27;NS' New School proposed in FY 2019 Capital Budget

* Capacity includes reclaimed classroom space from repurposing community rooms.

| re-Measures | | | | | | apacity | Hiliza | | | | | | | | | rative | | | | | act for | A PEO | | | | |
|-----------------------|---------|---------|---------|---------|------|----------------|--------|---------|-------|---------|------|----------------|---------|----------------|-------|----------------|--------|----------------|--------|----------------|---------|---------|-------|----------------|-------|-------|
| hart reflects May 201 | 7 Proje | ections | Board c | of Educ | | | | | | | | | ris App | Jiovea | F1 20 | ro Cupi | iai bu | agerric | njecis | - 1101 16 | esi ioi | AFFO | | | | |
| man renocis may zer | / 110j | | acity | 71 Edoc | | 18-19 | | 19-20 | | 20-21 | | 21-22 | 20 | 22-23 | 20 | 23-24 | 20 | 24-25 | 20 | 25-26 | 20 | 026-27 | 20 | 27-28 | 20 | 28-29 |
| olumbia - East | 201 | 3 2019 | 2020 | 2021 | Proj | % Util. | Proj | % Util. | Proi | % Util. | Proi | % Util. | Proj | % Util. | Proi | % Util. | Proj | % Util. | Proi | % Util. | Proj | % Util. | Proi | % Util. | Proi | % Uti |
| ake Elkhorn MS | 643 | | 643 | 643 | 609 | 94.7 | 605 | 94.1 | 603 | 93.8 | 585 | 91.0 | 591 | 91.9 | 557 | 86.6 | 553 | 86.0 | 532 | 82.7 | 546 | 84.9 | 553 | 86.0 | 557 | 86.6 |
| akland Mills MS | 50€ | 506 | 506 | 506 | 499 | 98.6 | 512 | 101.2 | 506 | 100.0 | 497 | 98.2 | 495 | 97.8 | 513 | 101.4 | 506 | 100.0 | 501 | 99.0 | 495 | 97.8 | 496 | 98.0 | 496 | 98.0 |
| egion MS Totals | 114 | 7 1149 | 1149 | 1149 | 1108 | 96.4 | 1117 | 97.2 | 1109 | 96.5 | 1082 | 94.2 | 1086 | 94.5 | 1070 | 93.1 | 1059 | 92.2 | 1033 | 89.9 | 1041 | 90.6 | 1049 | 91.3 | 1053 | 91. |
| olumbia - West | | | | | | | | | | | | | | | | | | | | | | | | | | |
| arpers Choice MS | 506 | 506 | 506 | 506 | 572 | 113.0 | 573 | 113.2 | 567 | 112.1 | 585 | 115.6 C | 562 | 111.1 | 570 | 112.6 | 573 | 113.2 | 590 | 116.6 | 596 | 117.8 C | 590 | 116.6 C | 597 | 118. |
| /ilde Lake MS R | 760 | 760 | 760 | 760 | 590 | 77.6 | 634 | 83.4 | 652 | 85.8 | 673 | 88.6 | 705 | 92.8 | 732 | 96.3 | 792 | 104.2 | 847 | 111.4 | 891 | 117.2 C | 911 | 119.9 C | | 123. |
| egion MS Totals | 126 | 1266 | 1266 | 1266 | 1162 | 91.8 | 1207 | 95.3 | 1219 | 96.3 | 1258 | 99.4 | 1267 | 100.1 | 1302 | 102.8 | 1365 | 107.8 | 1437 | 113.5 | 1487 | | | 118.6 C | 1533 | 121. |
| ortheastern | | | | | | | | | | | | | | | | | | | | | | | | | | |
| onnie Branch MS | 662 | 662 | 662 | 662 | 747 | 112.8 | 732 | 110.6 | 696 | 105.1 | 670 | 101.2 | 681 | 102.9 | 697 | 105.3 | 703 | 106.2 | 702 | 106.0 | 719 | 108.6 | 732 | 110.6 | 761 | 115 |
| cridge Landing MS | 779 | | 779 | 779 | 704 | 90.4 | 710 | 91.1 | 688 | 88.3 | 720 | 92.4 | 734 | 94.2 | 747 | 95.9 | 732 | 94.0 | 716 | 91.9 | 740 | 95.0 | 767 | 98.5 | 789 | 101 |
| icott Mills MS A | | 701 | 701 | 701 | 897 | 128.0 C | 943 | 134.5 C | 919 | 131.1 C | | 129.2 C | | 122.3 C | | 122.4 C | | 96.5 | 810 | 94.5 | 801 | 93.5 | 814 | 95.0 | 854 | 99 |
| avfield Woods MS | 798 | | 798 | 798 | 745 | 93.4 | 809 | 101.4 | 843 | 105.6 | 864 | 108.3 | 843 | 105.6 | 858 | 107.5 | 900 | 112.8 | 929 | 116.4 | | | | 127.8 C | | 132 |
| omas Viaduct MS | 701 | 701 | 701 | 701 | 662 | 94.4 | 716 | 102.1 | 798 | 113.8 | 839 | 119.7 C | | 125.1 C | | 138.8 C | | 157.3 C | | 177.9 | | | | 196.7 C | | 203 |
| egion MS Totals | 364 | | 3641 | 3641 | 3755 | 103.1 | | 107.4 | 3944 | 108.3 | 3999 | 109.8 | 3992 | 109.6 | 4133 | 113.5 | 4265 | 112.3 | 4404 | | | | | 124.1 C | | |
| orthern | | | | | | | | | | | | | | | | | | | | | | | | | | |
| urleigh Manor MS | 779 | 779 | 779 | 779 | 808 | 103.7 | 820 | 105.3 | 859 | 110.3 | 858 | 110.1 | 865 | 111.0 | 886 | 113.7 | 925 | 118.7 C | 965 | 123.9 | 971 | 124.6 C | 976 | 125.3 C | 971 | 124 |
| unloggin MS A | | | 565 | 565 | 627 | 111.0 | | 115.0 C | | 116.5 C | | 122.8 C | | 107.4 | 730 | 110.3 | 720 | 108.8 | 704 | 106.3 | 698 | 105.4 | 712 | 107.6 | 717 | 108 |
| atapsco MS | 643 | | 643 | 643 | 691 | 107.5 | 686 | 106.7 | 697 | 108.4 | 735 | 114.3 | 764 | 118.8 C | | 119.6 C | | 120.7 C | | 120.5 | | 124.9 C | | 126.1 C | | 126 |
| egion MS Totals | 198 | | 1987 | 1987 | 2126 | 107.0 | | 108.5 | 2214 | | 2287 | 115.1 C | | 112.3 | 2385 | 114.4 | 2421 | 116.2 C | | | | | | | | |
| outheastern | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ammond MS | 604 | 604 | 604 | 604 | 551 | 91.2 | 570 | 94.4 | 608 | 100.7 | 612 | 101.3 | 661 | 109.4 | 693 | 114.7 | 706 | 116.9 C | 705 | 116.7 C | 722 | 119.5 C | 732 | 121.2 C | 743 | 123 |
| urray Hill MS | 662 | | 662 | 662 | 706 | 106.6 | 738 | 111.5 | 791 | 119.5 C | | 116.2 C | 754 | 113.9 | 737 | 111.3 | 781 | 118.0 C | 778 | 117.5 | | 116.9 C | | 113.4 | 746 | 112 |
| atuxent Valley MS | 760 | | 760 | 760 | 680 | 89.5 | 668 | 87.9 | 692 | 91.1 | 656 | 86.3 | 649 | 85.4 | 654 | 86.1 | 672 | 88.4 | 702 | 92.4 | 721 | 94.9 | 737 | 97.0 | 737 | 97. |
| gion MS Totals | 202 | | | 2026 | 1937 | 95.6 | 1976 | 97.5 | 2091 | 103.2 | 2037 | 100.5 | 2064 | 101.9 | 2084 | 102.9 | 2159 | 106.6 | 2185 | | 2217 | | | 109.6 | 2226 | |
| estern | | | | | | | | | | | | | | | | | | | | | | | | | | |
| arksville MS | 643 | 643 | 643 | 643 | 515 | 80.1 | 532 | 82.7 | 524 | 81.5 | 503 | 78.2 | 477 | 74.2 | 476 | 74.0 | 477 | 74.2 | 510 | 79.3 | 493 | 76.7 | 501 | 77.9 | 495 | 77. |
| lly Quarter MS | 662 | | 662 | 662 | 621 | 93.8 | 639 | 96.5 | 634 | 95.8 | 628 | 94.9 | 616 | 93.1 | 605 | 91.4 | 608 | 91.8 | 599 | 90.5 | 602 | 90.9 | 590 | 89.1 | 592 | 89 |
| enwood MS | 545 | | 545 | 545 | 520 | 95.4 | 548 | 100.6 | 544 | 99.8 | 534 | 98.0 | 502 | 92.1 | 492 | 90.3 | 477 | 87.5 | 484 | 88.8 | 506 | 92.8 | 517 | 94.9 | 539 | 98. |
| ne Kiln MS | 701 | 701 | 701 | 701 | 737 | 105.1 | | 110.3 | 777 | 110.8 | 789 | 112.6 | 829 | 118.3 C | | 119.3 C | | 121.0 C | | 122.1 | | 128.2 C | | 131.4 C | | 130 |
| ount View MS | 798 | | 798 | 798 | 822 | 103.0 | | 105.3 | 857 | 107.4 | 886 | 111.0 | 906 | 113.5 | 929 | 116.4 C | | 121.4 C | | 121.7 | | | | 125.3 C | | 127 |
| gion MS Totals | | 3349 | | | | 96.0 | | 99.5 | 3336 | 99.6 | 3340 | 99.7 | 3330 | 99.4 | 3338 | | | 100.9 | | 102.1 | 3507 | | | 105.4 | 3554 | |
| Countywide Totals | | 8 13418 | | | | | 13698 | | 13913 | | | 104.4 | | 104.2 | | 105.9 | 14648 | | | 109.2 | | 112.0 | 15510 | | 15757 | |

^{&#}x27;A' includes additions as reflected in FY 2018 CIP for Grades 6-8 'R' = Replacement school scheduled to open August 2017

| Post-Measures | | | | | | | | | MI | DDL | E SCH | OOL | S - Da | a for | Dem | onstr | ative P | urpc | ses O | nly | | | | | | | |
|------------------------------------|-------|-------------|-------------|-------------|-------------|-------------|---------------|-------------|---------------|-------------|---------------|-------------|---------------|-------------|---------------|-------------|----------------|-------------|----------------|------------|------------------|----------------|---------------|--------------|----------------|------------|---------|
| Aggregate Plan | | | | | | | | Co | apacity U | tilizati | on Rate | es with | Propose | ed FY 2 | 2019 C | apital E | Budget Pi | roiect | s - Not T | est for | APFO | | | | | | |
| Chart reflects May 201 | 7 Pro | jectior | ns, Boai | rd of Ed | ducatio | on's FY : | 2019 Req | uested c | apacities o | ind es | timated r | edistrict | ing base | d on the | 2017 Fe | easibility | Study. | | | | | | | | | | |
| | | | Cap | acity | | 20 | 018-19 | 20 | 19-20 | 20 | 20-21 | 20 | 21-22 | 20: | 22-23 | 20 | 23-24 | 20 | 24-25 | 20 | 25-26 | 20 | 26-27 | 20 | 27-28 | 20 | 28-29 |
| Columbia - East | | 2018 | 2019 | | | Proj | % Util. | Proj | % Util. | Proj | % Util. | Proj | % Util. | Proj | % Util. | Proj | % Util. |
| ake Elkhorn MS | | 643 | 643 | 643 | 643 | 698 | 108.6 | 699 | 108.7 | 702 | 109.2 | 683 | 106.2 | 688 | 107.0 | 662 | 103.0 | 662 | 103.0 | 650 | 101.1 | 669 | 104.0 | 680 | 105.8 | 688 | 107.0 |
| Oakland Mills MS | | 506 | 506 | 506 | 506 | 510 | 100.8 | 521 | 103.0 | 514 | 101.6 | 505 | 99.8 | 505 | 99.8 | 519 | 102.6 | 514 | 101.6 | 507 | 100.2 | 501 | 99.0 | 503 | 99.4 | 503 | 99.4 |
| Region MS Totals | | 1149 | 1149 | 1149 | 1149 | 1208 | 105.1 | 1220 | 106.2 | 1216 | 105.8 | 1188 | 103.4 | 1193 | 103.8 | 1181 | 102.8 | 1176 | 102.3 | 1157 | 100.7 | 1170 | 101.8 | 1183 | 103.0 | 1191 | 103.7 |
| Columbia - West | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harpers Choice MS | | 506 | 506 | 506 | 506 | 502 | 99.2 | 505 | 99.8 | 500 | 98.8 | 515 | 101.8 | 494 | 97.6 | 501 | 99.0 | 504 | 99.6 | 518 | 102.4 | 524 | 103.6 | 518 | 102.4 | 523 | 103.4 |
| Wilde Lake MS | | 760 | 760 | 760 | 760 | 651 | 85.7 | 690 | 90.8 | 707 | 93.0 | 730 | 96.1 | 758 | 99.7 | 784 | 103.2 | 840 | 110.5 | 894 | | 2 934 | 122.9 C | | | C 977 | 128.6 |
| Region MS Totals | | 1266 | 1266 | 1266 | 1266 | 1153 | | 1195 | 94.4 | 1207 | 95.3 | 1245 | 98.3 | 1252 | 98.9 | 1285 | 101.5 | 1344 | 106.2 | | 111.5 | 1458 | 115.2 C | | 116.0 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northeastern | | 701 | 701 | 701 | 701 | 70/ | 1101 | 770 | 1101 | 70.4 | 1047 | 70.4 | 100.7 | 71.4 | 101.0 | 700 | 1041 | 70.4 | 10.47 | 701 | 1040 | 7.17 | 1044 | 7.11 | 100 / | 701 | 1100 |
| Bonnie Branch MS | | 701 | 701 | 701 | 701 | 786 | 112.1 | 772 | 110.1 | 734 | 104.7 | 706 | 100.7 | 714 | 101.9 | 730 | 104.1 | 734 | 104.7 | 731 | 104.3 | 747 | 106.6 | 761 | 108.6 | 791 | 112.8 |
| Elkridge Landing MS | | 779 | 779 | 779 | 779 | 775 | 99.5 | 788 | 101.2 | 768 | 98.6 | 804 | 103.2 | 816 | 104.7 | 832 | 106.8 | 821 | 105.4 | 809 | 103.9 | 842 | 108.1 | 870 | 111.7 | 896 | 115.0 |
| Ellicott Mills MS | A* | 701 | 701 | 701 | 857 | 768 | 109.6 | 808 | 115.3 C | 786 | 112.1 | 776 | 90.5 | 733 | 85.5 | 734 | 85.6 | 708 | 82.6 | 695 | 81.1 | 689 | 80.4 | 700 | 81.7 | 734 | 85.6 |
| Mayfield Woods MS | | 798 | 798 | 798 | 798 | 716 | 89.7 | 773 | 96.9 | 809 | 101.4 | 826 | 103.5 | 808 | 101.3 | 824 | 103.3 | 868 | 108.8 | 901 | 112.9 | 968 | 121.3 C | | 123.4 | | |
| Thomas Viaduct MS Region MS Totals | | 701 3680 | 701 3680 | 701 3680 | 701 3836 | 552 3597 | 78.7 97.7 | 603 3744 | 86.0 101.7 | 677 3774 | 96.6 102.6 | 719 3831 | 102.6 99.9 | 756 3827 | 107.8 99.8 | 844 3964 | 120.4 C | 962 4093 | 137.2 C | 1090 | | C 1162 4408 | | 1209 4525 | | C 1252 | |
| | | 0000 | 0000 | 0000 | 0000 | 0077 | | 0, 11 | 10111 | 0,, , | 102.0 | 0001 | 77.7 | 0027 | 77.0 | 0,01 | 100.0 | 1070 | 100.7 | illo | | | | .020 | 110.0 | .070 | 122.0 |
| Northern | | 770 | 770 | 770 | 770 | 770 | 100.0 | 701 | 101.5 | 000 | 107.4 | 000 | 10/0 | 00.4 | 107.1 | 0.5.5 | 100.0 | 000 | 11.4.5 | 001 | 110.5 | • 00/ | 100.0 | 0.40 | 1007 | • 00/ | 100.0 |
| Burleigh Manor MS | | 779 | 779 | 779 | 779 | 779 | 100.0 | 791 | 101.5 | 829 | 106.4 | 828 | 106.3 | 834 | 107.1 | 855 | 109.8 | 892 | 114.5 | 931 | | C 936 | 120.2 C | | | C 936 | 120.2 |
| Dunloggin MS | Α | 565 | 565 | 565 | 565 | 611 | 108.1 | 637 | 112.7 | 643 | 113.8 | 675 | 119.5 C | | 103.5 | 703 | 106.2 | 691 | 104.4 | 674 | 101.8 | 668 | 100.9 | 680 | 102.7 | 688 | 103.9 |
| Patapsco MS | | 643 | 643 | 643 | 643 | 664 | 103.3 | 661 | 102.8 | 672 | 104.5 | 710 | 110.4 | 736 | 114.5 | 742 | 115.4 C | | 116.2 C | | | C 768 | 119.4 C | | | C 780 | 121.3 |
| Region MS Totals | | 1987 | 1987 | 1987 | 1987 | 2054 | 103.4 | 2089 | 105.1 | 2144 | 107.9 | 2213 | 111.4 | 2255 | 108.2 | 2300 | 110.4 | 2330 | 111.8 | 2352 | 112.9 | 23/2 | 113.8 | 2397 | 115.0 | 2404 | 115.4 |
| Southeastern | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hammond MS | | 604 | 604 | 604 | 604 | 551 | 91.2 | 570 | 94.4 | 608 | 100.7 | 612 | 101.3 | 661 | 109.4 | 693 | 114.7 | 706 | 116.9 C | 705 | 116.7 | C 722 | 119.5 C | 732 | 121.2 | C 743 | 123.0 |
| Murray Hill MS | | 662 | 662 | 662 | 662 | 637 | 96.2 | 666 | 100.6 | 716 | 108.2 | 698 | 105.4 | 685 | 103.5 | 671 | 101.4 | 713 | 107.7 | 710 | 107.3 | 708 | 106.9 | 687 | 103.8 | 683 | 103.2 |
| Patuxent Valley MS | | 760 | 760 | 760 | 760 | 749 | 98.6 | 740 | 97.4 | 767 | 100.9 | 727 | 95.7 | 718 | 94.5 | 720 | 94.7 | 740 | 97.4 | 770 | 101.3 | 787 | 103.6 | 801 | 105.4 | 800 | 105.3 |
| Region MS Totals | | 2026 | 2026 | 2026 | 2026 | 1937 | 95.6 | 1976 | 97.5 | 2091 | 103.2 | 2037 | 100.5 | 2064 | 101.9 | 2084 | 102.9 | 2159 | 106.6 | 2185 | 107.8 | 2217 | 109.4 | 2220 | 109.6 | 2226 | 109.9 |
| Maskam | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Western Clarksville MS | | 4.42 | 4.42 | 4.12 | 643 | 4.42 | 100.0 | 117 | 103.7 | 658 | 102.3 | 639 | 99.4 | 622 | 96.7 | 420 | 96.4 | 626 | 97.4 | 450 | 102.2 | / E 4 | 101.7 | 447 | 102.7 | 440 | 102 (|
| | | 643 | 643 | 643 662 | | 643 | 100.0 | 667 | 1103.7 | 658 729 | | | 99.4 109.5 | 622 716 | 108.2 | 620 707 | 96.4 106.8 | 626 713 | | 658 | 102.3 | 654 | 101.7 | 667 | 103.7 | 660 | 102.6 |
| Folly Quarter MS | | 662 | 662 545 | 545 | 662 | 713 | 107.7 | 733 | | 729 575 | 110.1 | 725 | | | 97.4 | 521 | 95.6 | 713 506 | 107.7 92.8 | 706 513 | 106.6 | 711 535 | 107.4 98.2 | 697 | 105.3 | 702 567 | 106.0 |
| Glenwood MS Lime Kiln MS | | 545 701 | 545 701 | 701 | 545 701 | 551 614 | 101.1 87.6 | 579 646 | 106.2 92.2 | 652 | 105.5 93.0 | 565 665 | 103.7 94.9 | 531 702 | 100.1 | 712 | 95.6 101.6 | 723 | 92.8 103.1 | 734 | 94.1 104.7 | 770 | 98.2 109.8 | 546 790 | 100.2 112.7 | 783 | 104.0 |
| | | | 701 798 | 701 798 | 701 798 | 833 | | | 92.2 106.4 | 867 | 108.6 | 895 | 112.2 | 702 917 | | 938 | | | | | | | | | | | 129.2 |
| Mount View MS | | 798 | 3349 | 3349 | 3349 | | 104.4 | 849 | 106.4 | | 108.6 | | 104.2 | | 114.9 | | 117.5 C | | 122.6 C | | 122.8 (107.2 | | 127.7 C | | | | |
| Region MS Totals | | 3349 | | | | 3354 | 100.1 | 3474 | | 3481 | | 3489 | | | | 3498 | | 3546 | | 3591 | | 3689 | 110.2 | | 111.0 | 3743 | |
| Countywide Totals | | 13457 | 13457 | 13457 | 13613 | 13303 | 98.9 | 13698 | 101.8 | 13913 | 103.4 | 14003 | 102.9 | 14079 | 102.7 | 14312 | 104.4 | 14648 | 106.8 | 14923 | 108.8 | 15314 | 111.7 | 15510 | 113.1 | 15757 | 114.9 |

^{*} Capacity includes reclaimed classroom space from repurposing community rooms.

| Columbia - East 2018 2019 2020 2021 Proj | Pre-Measures | | | | | | | HI | GH S | CHOC | DLS - I | Data | for D | emor | istrati | ive Pu | rpos | es Or | าไy | | | | | | | | |
|--|----------------------|------------|----------|---------|---------|--------|------------|----------|---------|-------|---------|---------|--------|--------|---------|--------------|---------|---------|-----------|--------|----------|-------|-------|-------|-------|-------|--------|
| Columbia - East 2018 2019 2020 2021 Proj % Utill. Proj % U | | | | | Ca | pacity | y Utilizat | tion Rat | es with | Board | of Edu | cation' | s Appr | oved F | Y 2018 | Capit | al Budç | get Pro | jects - I | Not Te | st for A | PFO | | | | | |
| Proj Sculmida - East 2018 2019 2020 2021 Proj Sculii. Proj Proj Sculii. Proj Sculii. Proj P | Chart reflects May 2 | 2017 Proje | ections, | Board (| of Educ | | | | | | | | | | | | | | | | | | | | | | |
| Columbia HS 1400 1400 1400 1400 1400 1401 1401 1815 1187 84.8 1225 87.5 1302 93.0 1354 96.7 1353 96.6 1345 96.1 1336 95.4 1315 93.9 1303 93.1 1298 Columbia - West Mide Loke HS 1424 1424 1424 1424 1424 1371 96.3 1389 97.5 1420 99.7 1418 99.6 1442 101.3 1474 103.5 1494 104.9 1520 106.7 1543 108.4 1597 112.1 1621 Columbia - West Mide Loke HS 1420 1420 1420 1420 1420 1420 1420 1420 | | | Cap | acity | | 20 | | | | | | | | | | | | | | | | | | | | | 28-29 |
| Columbia - West Midle Lake HS | | 2018 | | | | | % Util. | | | | | | | | | | | | | | | | | | | | % Util |
| Wildle Lake HS | Dakland Mills HS | 1400 | 1400 | 1400 | 1400 | 1141 | 81.5 | 1187 | 84.8 | 1225 | 87.5 | 1302 | 93.0 | 1354 | 96.7 | 1353 | 96.6 | 1345 | 96.1 | 1336 | 95.4 | 1315 | 93.9 | 1303 | 93.1 | 1298 | 92.7 |
| Continum | Columbia - West | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Howard HS Howard HS Have Have Have Have Have Have Have Have | Vilde Lake HS | 1424 | 1424 | 1424 | 1424 | 1371 | 96.3 | 1389 | 97.5 | 1420 | 99.7 | 1418 | 99.6 | 1442 | 101.3 | 1474 | 103.5 | 1494 | 104.9 | 1520 | 106.7 | 1543 | 108.4 | 1597 | 112.1 | 1621 | 113.8 |
| long Reach HS 1488 | lortheastern | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NS O O O O O O O O O | loward HS | 1420 | 1420 | 1420 | 1420 | 1943 | 136.8 | 2018 | 142.1 | 2043 | 143.9 | 2034 | 143.2 | 2057 | 144.9 | 2059 | 145.0 | 2049 | 144.3 | 2060 | 145.1 | 2069 | 145.7 | 2071 | 145.8 | 2043 | 143.9 |
| Part | ong Reach HS | 1488 | 1488 | 1488 | 1488 | 1776 | 119.4 | 1833 | 123.2 | 1896 | 127.4 | 1981 | 133.1 | 2079 | 139.7 | 2166 | 145.6 | 2230 | 149.9 | 2291 | 154.0 | 2396 | 161.0 | 2527 | 169.8 | 2672 | 179. |
| Northern Centennical HS 1360 1360 1360 1360 1360 1360 1360 1360 | lew HS #13 | NS 0 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | |
| Rentennial HS 1360 1360 1360 1360 1360 1360 1360 1360 | egion HS Totals | 2908 | 2908 | 2908 | 2908 | 3719 | 127.9 | 3851 | 132.4 | 3939 | 135.5 | 4015 | 138.1 | 4136 | 142.2 | 4225 | 93.4 | 4279 | 94.6 | 4351 | 96.2 | 4465 | 98.7 | 4598 | 101.7 | 4715 | 104. |
| Rentennial HS 1360 1360 1360 1360 1360 1360 1360 1672 122.9 1750 128.7 1792 131.8 1811 133.2 1850 136.0 1879 138.2 1891 139.0 1896 139.4 1916 140.9 1937 142.4 1963 dcarriotts Ridge HS 1615 1615 1615 1615 1615 1615 1615 161 | lorthern | | | | | | | | | | | | | | | | | | | | | | | | | | |
| At Hebron HS | | 1360 | 1360 | 1360 | 1360 | 1672 | 122.9 | 1750 | 128.7 | 1792 | 131.8 | 1811 | 133.2 | 1850 | 136.0 | 1879 | 138.2 | 1891 | 139.0 | 1896 | 139.4 | 1916 | 140.9 | 1937 | 142.4 | 1963 | 144. |
| Region HS Totals 4375 4375 4375 4375 4375 4375 4375 4606 105.3 4759 108.8 4854 110.9 4935 112.8 5061 115.7 5117 117.0 5205 119.0 5313 121.4 5332 121.9 5412 123.7 5455 14 months and the second of the | Narriotts Ridge HS | 1615 | 1615 | 1615 | 1615 | 1340 | 83.0 | 1386 | 85.8 | 1414 | 87.6 | 1446 | 89.5 | 1502 | 93.0 | 1518 | 94.0 | 1558 | 96.5 | 1602 | 99.2 | 1604 | 99.3 | 1655 | 102.5 | 1670 | 103. |
| Outheastern 1220 12 | At Hebron HS | 1400 | 1400 | 1400 | 1400 | 1594 | 113.9 | 1623 | 115.9 | 1648 | 117.7 | 1678 | 119.9 | 1709 | 122.1 | 1720 | 122.9 | 1756 | 125.4 | 1815 | 129.6 | 1812 | 129.4 | 1820 | 130.0 | 1822 | 130. |
| Vestern Control of the Control of | legion HS Totals | 4375 | 4375 | 4375 | 4375 | 4606 | 105.3 | 4759 | 108.8 | 4854 | 110.9 | 4935 | 112.8 | 5061 | 115.7 | 5117 | 117.0 | 5205 | 119.0 | 5313 | 121.4 | 5332 | 121.9 | 5412 | 123.7 | 5455 | 124. |
| Vestern Ves | outheastern | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atholfon HS 1460 1460 1460 1460 1460 1460 1460 1526 104.5 1526 104.5 1559 106.8 1569 107.5 1588 108.8 1650 113.0 1651 113.1 1688 115.6 1704 116.7 1730 118.5 1801 1801 1801 1801 1801 1801 1801 180 | lammond HS | 1220 | 1220 | 1220 | 1220 | 1347 | 110.4 | 1373 | 112.5 | 1348 | 110.5 | 1392 | 114.1 | 1423 | 116.6 | 1444 | 118.4 | 1515 | 124.2 | 1534 | 125.7 | 1575 | 129.1 | 1635 | 134.0 | 1715 | 140.6 |
| Rienelg HS 1420 1420 1420 1420 1420 1420 1420 1420 | /estern | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Genelg HS 1420 1420 1420 1420 1420 1420 1420 1188 83.7 1169 82.3 1151 81.1 1177 82.9 1155 81.3 1169 82.3 1167 82.2 1141 80.4 1122 79.0 1122 79.0 1108 teservoir HS 1551 1551 1551 1551 1551 1551 1551 1 | Atholton HS | 1460 | 1460 | 1460 | 1460 | 1526 | 104.5 | 1526 | 104.5 | 1559 | 106.8 | 1569 | 107.5 | 1588 | 108.8 | 1650 | 113.0 | 1651 | 113.1 | 1688 | 115.6 | 1704 | 116.7 | 1730 | 118.5 | 1801 | 123.4 |
| eservoir HS 1551 1551 1551 1551 1551 1551 1551 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 78.0 |
| egion HS Totals 5919 5919 5919 5919 5505 93.0 5509 93.1 5599 94.6 5674 95.9 5698 96.3 5816 98.3 5795 97.9 5807 98.1 5802 98.0 5833 98.5 5962 countywide Totals 17246 17246 17246 17246 17246 17246 17246 17246 18068 104.8 18385 106.6 18736 108.6 19114 110.8 19429 103.0 19633 104.1 19861 105.3 20032 106.2 20378 108.0 20766 | • | 1551 | | 1551 | 1551 | 1589 | 102.5 | 1635 | | 1707 | 110.1 | 1758 | 113.3 | 1797 | 115.9 | 1821 | 117.4 | 1832 | 118.1 | 1852 | 119.4 | 1858 | 119.8 | 1873 | 120.8 | 1927 | 124. |
| Countywide Totals 17246 | iver Hill HS | 1488 | 1488 | 1488 | 1488 | 1202 | 80.8 | 1179 | 79.2 | 1182 | 79.4 | 1170 | 78.6 | 1158 | 77.8 | 1176 | 79.0 | 1145 | 76.9 | 1126 | 75.7 | 1118 | 75.1 | 1108 | 74.5 | 1126 | 75. |
| | egion HS Totals | 5919 | 5919 | 5919 | 5919 | 5505 | 93.0 | 5509 | 93.1 | 5599 | 94.6 | 5674 | 95.9 | 5698 | 96.3 | 5816 | 98.3 | 5795 | 97.9 | 5807 | 98.1 | 5802 | 98.0 | 5833 | 98.5 | 5962 | 100 |
| | Countywide Totals | 17246 | 17246 | 17246 | 17246 | 17689 | 102.6 | 18068 | 104.8 | 18385 | 106.6 | 18736 | 108.6 | 19114 | 110.8 | 19429 | 103.0 | 19633 | 104.1 | 19861 | 105.3 | 20032 | 106.2 | 20378 | 108.0 | 20766 | 110. |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Post-Measures | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------------|---------|---------|----------|---------|-----------|---------|---------|-----------|---------|---------|--------|--------|---------|--------|------------|----------|----------|----------|---------|----------|---------|--------|-------|-------|---------|
| Aggregate Plan | | | | | | | Ca | pacity | Utilizati | on Rate | es with | Propos | sed FY | 2019 C | apital | Budge | t Projec | cts - No | t Test f | or APF0 | O | | | | | |
| Chart reflects May 2 | 2017 Proje | ections | , Board | d of Edu | ucation | 's FY 201 | 9 Reque | sted ca | | | | | | | 2017 F | easibility | Study | | | | | | | | | |
| | | Cap | acity | | 20 | 18-19 | 20 | 19-20 | | 20-21 | 202 | 1-22 | 202 | 22-23 | 20: | 23-24 | 202 | 24-25 | | 25-26 | 20 | 26-27 | 202 | 27-28 | 20: | 28-29 |
| Columbia - East | 2018 | | 2020 | | | % Util. | | % Util. | | % Util. | Proj | | | % Util. | | % Util. | Proj | | | % Util. | | % Util. | Proj | | | % Util. |
| Oakland Mills HS | 1400 | 1400 | 1400 | 1400 | 1343 | 95.9 | 1395 | 99.6 | 1440 | 102.9 | 1525 | 108.9 | 1601 | 114.4 | 1638 | 117.0 | 1673 | 119.5 | 1703 | 121.6 | 1746 | 124.7 | 1804 | 128.9 | 1871 | 133.6 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Columbia - West | 1 40 4 | 1 40 4 | 1 40 4 | 1 40 4 | | 00.4 | 1 407 | 1000 | | 100.5 | 1 400 | 100.0 | 1.500 | 10/0 | 15.00 | 100.1 | 1510 | 100 7 | 150/ | | 1 (0 (| 1100 | 1 / 50 | | 1 /00 | |
| Wilde Lake HS | 1424 | 1424 | 1424 | 1424 | 1415 | 99.4 | 1437 | 100.9 | 1474 | 103.5 | 1480 | 103.9 | 1509 | 106.0 | 1540 | 108.1 | 1562 | 109.7 | 1586 | 111.4 | 1606 | 112.8 | 1659 | 116.5 | 1683 | 118.2 |
| Northeastern | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Howard HS | 1420 | 1420 | 1420 | 1420 | 1574 | 110.8 | 1634 | 115.1 | 1662 | 117.0 | 1662 | 117.0 | 1683 | 118.5 | 1682 | 118.5 | 1676 | 118.0 | 1687 | 118.8 | 1696 | 119.4 | 1698 | 119.6 | 1676 | 118.0 |
| Long Reach HS | 1488 | 1488 | 1488 | 1488 | 1649 | 110.8 | 1699 | 114.2 | 1735 | 116.6 | 1777 | 117.0 | 1841 | 123.7 | 1893 | 127.2 | 1928 | 129.6 | 1965 | 132.1 | 2025 | 136.1 | | 141.5 | 2188 | 147.0 |
| 9 | NS () | 0 | 0 | 0 | 1047 | 110.0 | 10// | 117.2 | 1755 | 110.0 | 1/// | 117.4 | 1041 | 120.7 | 1075 | 127.2 | 1720 | 127.0 | 1700 | 102.1 | 2020 | 100.1 | 2100 | 141.5 | 2100 | 147.0 |
| Region HS Totals | 2908 | 2908 | 2908 | 2908 | 3223 | 110.8 | 3333 | 114.6 | 3397 | 116.8 | 3439 | 118.3 | 3524 | 121.2 | 3575 | 122.9 | 3604 | 79.7 | 3652 | 80.7 | 3721 | 82.3 | 3803 | 84.1 | 3864 | 85.4 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Centennial HS | 1360 | 1360 | 1360 | 1360 | 1462 | 107.5 | 1533 | 112.7 | 1573 | 115.7 | 1593 | 117.1 | 1625 | 119.5 | 1653 | 121.5 | 1665 | 122.4 | 1669 | 122.7 | 1687 | 124.0 | 1706 | 125.4 | 1726 | 126.9 |
| Marriotts Ridge HS | 1615 | 1615 | 1615 | 1615 | 1516 | 93.9 | 1568 | 97.1 | 1600 | 99.1 | 1630 | 100.9 | 1690 | 104.6 | 1711 | 105.9 | 1748 | 108.2 | 1795 | 111.1 | 1800 | 111.5 | | 114.7 | 1873 | 116.0 |
| Mt Hebron HS | 1400 | 1400 | 1400 | 1400 | 1423 | 101.6 | 1450 | 103.6 | 1474 | 105.3 | 1501 | 107.2 | 1531 | 109.4 | 1540 | 110.0 | 1575 | 112.5 | 1629 | 116.4 | 1627 | 116.2 | | 116.7 | 1638 | 117.0 |
| Region HS Totals | 4375 | 4375 | 4375 | 4375 | 4401 | 100.6 | 4551 | 104.0 | 4647 | 106.2 | 4724 | 108.0 | 4846 | 110.8 | 4904 | 112.1 | 4988 | 114.0 | 5093 | 116.4 | 5114 | 116.9 | 5193 | 118.7 | 5237 | 119.7 |
| C II I | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Southeastern Hammond HS | 1220 | 1220 | 1220 | 1220 | 1217 | 99.8 | 1237 | 101.4 | 1227 | 100.6 | 1262 | 103.4 | 1283 | 105.2 | 1311 | 107.5 | 1353 | 110.9 | 1370 | 112.3 | 1397 | 114.5 | 1438 | 117.9 | 1500 | 123.0 |
| паннона пз | 1220 | 1220 | 1220 | 1220 | 1217 | 77.0 | 1237 | 101.4 | 122/ | 100.6 | 1202 | 103.4 | 1203 | 105.2 | 1311 | 107.5 | 1333 | 110.9 | 13/0 | 112.3 | 1397 | 114.5 | 1430 | 117.9 | 1300 | 123.0 |
| Western | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atholton HS | 1460 | 1460 | 1460 | 1460 | 1361 | 93.2 | 1379 | 94.5 | 1396 | 95.6 | 1436 | 98.4 | 1465 | 100.3 | 1502 | 102.9 | 1514 | 103.7 | 1531 | 104.9 | 1542 | 105.6 | 1561 | 106.9 | 1607 | 110.1 |
| Glenela HS | 1420 | 1420 | 1420 | 1420 | 1551 | 109.2 | 1536 | 108.2 | 1516 | 106.8 | 1542 | 108.6 | 1526 | 107.5 | 1542 | 108.6 | 1539 | 108.4 | 1514 | 106.6 | 1493 | 105.1 | 1491 | 105.0 | 1483 | 104.4 |
| Reservoir HS | 1551 | 1551 | 1551 | 1551 | 1589 | 102.5 | 1635 | 105.4 | 1707 | 110.1 | 1758 | 113.3 | 1797 | 115.9 | 1821 | 117.4 | 1832 | 118.1 | 1852 | 119.4 | 1858 | 119.8 | 1873 | 120.8 | 1927 | 124.2 |
| River Hill HS | 1488 | 1488 | 1488 | 1488 | 1589 | 106.8 | 1565 | 105.2 | 1581 | 106.3 | 1570 | 105.5 | 1563 | 105.0 | 1596 | 107.3 | 1568 | 105.4 | 1560 | 104.8 | 1555 | 104.5 | 1556 | 104.6 | 1594 | 107.1 |
| Region HS Totals | 5919 | 5919 | 5919 | 5919 | 6090 | 102.9 | 6115 | 103.3 | 6200 | 104.7 | 6306 | 106.5 | 6351 | 107.3 | 6461 | 109.2 | 6453 | 109.0 | 6457 | 109.1 | 6448 | 108.9 | 6481 | 109.5 | 6611 | 111.7 |
| Countywide Totals | 17246 | 17246 | 17246 | 17246 | 17689 | 102.6 | 18068 | 104.8 | 18385 | 106.6 | 18736 | 108.6 | 19114 | 110.8 | 19429 | 112.7 | 19633 | 104.1 | 19861 | 105.3 | 20032 | 106.2 | 20378 | 108.0 | 20766 | 110.1 |

PUBLIC SCHOOL ENROLLMENT ACTUAL FOR 1973-2015 AND ESTIMATED FOR 2016-2027

| | | Elementary | K-5 | Middle | 6-8 | High | 9-12 | Sp. Ed. School | Sp Ed. | K-12 | |
|--------|--------------|------------------|------------|------------------|-------------|------------------|------------------|----------------|----------|------------------|------------|
| | Year | - | | Enrollment C | | | | | | | Chanae |
| | 1973 | 10,481 | - | 5,289 | - | 6,177 | - | 30 | - | 21,977 | _ |
| | 1974 | 10,798 | 317 | 5,652 | 363 | 6,638 | 461 | 35 | 5 | 23,123 | 1,146 |
| | 1975 | 10,891 | 93 | 6,025 | 373 | 7,032 | 394 | 44 | 9 | 23,992 | 869 |
| | 1976 | 11,069 | 178 | 6,117 | 92 | 7,410 | 378 | 61 | 17 | 24,657 | 665 |
| | 1977 | 11,246 | 177 | 6,175 | 58 | 7,957 | 547 | 62 | 1 | 25,440 | 783 |
| | 1978 | 10,968 | -278 | 6,080 | -95 | 8,488 | 531 | 70 | 8 | 25,606 | 166 |
| A | 1979 | 10,627 | -341 | 6,163 | 83 | 8,530 | 42 | 80 | 10 | 25,400 | -206 |
| C T | 1980 | 10,261 | -366 | 6,337 | 174 | 8,547 | 17 | 83 | 3 | 25,228 | -172 |
| Ü | 1981 | 9,856 | -405 | 6,409 | 72 | 8,468 | -79 | 112 | 29 | 24,845 | -383 |
| Α | 1982 | 9,486 | -370 | 6,245 | -164 | 8,387 | -81 | 106 | -6 | 24,224 | -621 |
| L | 1983 | 9,414 | -72 | 5,988 | -257 | 8,458 | 71 | 103 | -3 | 23,963 | -261 |
| | 1984 | 9,808 | 394 | 5,597 | -391 | 8,723 | 265 | 124 | 21 | 24,252 | 289 |
| Е | 1985 | 10,439 | 631 | 5,496 | -101 | 8,900 | 177 | 143 | 19 | 24,978 | 726 |
| N | 1986 | 11,135 | 696 | 5,551 | 55 | 8,737 | -163 | 173 | 30 | 25,596 | 618 |
| R | 1987 | 12,155 | 1,020 | 5,727 | 176 | 8,675 | -62 | 191 | 18 | 26,748 | 1,152 |
| 0 | 1988 | 13,225 | 1,070 | 5,776 | 49 | 8,441 | -234 | 147 | -44 | 27,589 | 841 |
| L | 1989 | 14,160 | 935 | 6,235 | 459 | 8,305 | -136 | 136 | -11 | 28,836 | 1,247 |
| L | 1990 | 15,001 | 841 | 6,603 | 368 | 8,248 | -57 | 150 | 14 | 30,002 | 1,166 |
| M E | 1991 | 15,805 | 804 | 7,058 | 455 | 8,527 | 279 | 70 | -80 | 31,460 | 1,458 |
| N | 1992 | 16,456 | 651 | 7,382 | 324 | 8,858 | 331 | 60 | -10 | 32,756 | 1,296 |
| T | 1993 | 17,155 | 699 | 7,958 | 576 | 9,107 | 249 | 58 | -2 | 34,278 | 1,522 |
| S | 1994 | 17,767 | 612 | 8,510 | 552 | 9,611 | 504 | 62 | 4 | 35,950 | 1,672 |
| | 1995 | 18,226 | 459 | 8,843 | 333 | 10,181 | 570 | 73 | 11 | 37,323 | 1,373 |
| | 1996 | 18,795 | 569 | 9,066 | 223 | 10,713 | 532 | 82 | 9 | 38,656 | 1,333 |
| | 1997 | 19,241 | 446 | 9,293 | 227 | 11,387 | 674 | 89 | 7 | 40,010 | 1,354 |
| | 1998 | 19,849 | 608 | 9,669 | 376 | 12,020 | 633 | 95 | 6 | 41,633 | 1,623 |
| | 1999 | 20,395 | 546 | 10,177 | 508 | 12,481 | 461 | 103 | 8 | 43,156 | 1,523 |
| | 2000 | 20,821 | 426 | 10,672 | 495 | 12,927 | 446 | 105 | 2 | 44,525 | 1,369 |
| | 2001 | 21,000 | 179 | 11,138 | 466 | 13,479 | 552 | 115 | 10 | 45,732 | 1,207 |
| | 2002 | 21,012 | 12 | 11,446 | 308 | 14,080 | 601 | 112 | -3 | 46,650 | 918 |
| | 2003 | 20,792 | -220 | 11,689 | 243 | 14,629 | 549 | 101 | -11 | 47,211 | 561 |
| | 2004 | 20,498 | -294 | 11,754 | 65 | 15,235 | 606 | 95 | -6 | 47,582 | 371 |
| | 2005 | 20,412 | -86 | 11,716 | -38 | 15,580 | 345 | 87 | -8 | 47,795 | 213 |
| | 2006 | 20,318 | -94 | 11,889 | 173 | 15,858 | 278 | 90 | 3 | 48,155 | 360 |
| | 2007 2008 | 20,550 20,811 | 232 | 11,740 | -149 | 16,094 16,231 | 236 | 96 | 6 2 | 48,480 | 325 |
| | 2006 | 20,611 | 261 481 | 11,748 11,649 | 8 -99 | 16,231 | 137 426 | 98 85 | -13 | 48,888 49,683 | 408 795 |
| | 2007 | 21,272 | 522 | 11,647 | -77 -177 | | -43 | 91 | | 49,991 | 308 |
| | 2010 | 22,246 | 432 | 11,472 | 51 | 16,614 16,627 | - 4 3 | 93 | 6 2 | 50,489 | 498 |
| | 2011 | 22,735 | 432 489 | 11,323 | -40 | 16,660 | 33 | 91 | -2 | 50,469 | 480 |
| | 2012 | 23,327 | 592 | 11,403 | 407 | 16,378 | -282 | 86 | -2 -5 | 51,681 | 712 |
| | 2013 | 23,698 | 372 | 12,276 | 386 | 16,438 | 60 | 99 | 13 | 52,511 | 830 |
| | 2014 | 24,245 | 547 | 12,715 | 439 | 16,574 | 136 | 100 | 13 | 53,634 | 1,123 |
| | 2016 | 24,582 | 337 | 12,897 | 182 | 16,768 | 194 | 101 | 1 | 54,348 | 714 |
| | 2017 | 24,937 | 692 | 13,079 | 364 | 17,235 | 661 | 99 | -1 | 55,350 | 1,716 |
| P | 2017 | 25,314 | 377 | 13,303 | 224 | 17,233 | 454 | 99 | 0 | 56,405 | 1,055 |
| R | 2019 | 25,626 | 312 | 13,698 | 395 | 18,068 | 379 | 99 | 0 | 57,491 | 1,033 |
| O J | 2020 | 26,216 | 590 | 13,913 | 215 | 18,385 | 317 | 99 | 0 | 58,613 | 1,122 |
| Ē | 2020 | 26,726 | 510 | 14,003 | 90 | 18,736 | 351 | 99 | 0 | 59,564 | 951 |
| Ċ | 2021 | 27,213 | 487 | 14,003 | 76 | 19,114 | 378 | 99 | 0 | 60,505 | 941 |
| Т | 2022 | 27,213 | 502 | 14,077 | 233 | 19,429 | 315 | 99 | 0 | 61,555 | 1,050 |
| I | 2023 | 28,216 | 501 | 14,648 | 336 | 19,633 | 204 | 99 | 0 | 62,596 | 1,030 |
| 0 | 2024 | 28,750 | 534 | 14,923 | 275 | 19,861 | 228 | 99 | 0 | 63,633 | 1,041 |
| N S | 2023 | 29,008 | 258 | 15,314 | 391 | 20,032 | 171 | 99 | 0 | 64,453 | 820 |
| 3 | 2027 | 29,348 | 340 | 15,514 | 196 | 20,032 | 346 | 99 | 0 | 65,335 | 882 |
| | 2027 | 29,630 | 282 | 15,757 | 247 | 20,766 | 388 | 99 | 0 | 66,252 | 917 |
| | 2029 | 29,837 | 207 | 15,783 | 26 | 21,229 | 463 | 99 | 0 | 66,948 | 696 |
| | Notes: | (1) All "actual" | enrollmen | ts are head co | unt as of | September 30 | th. | // | J | 00,740 | 373 |

^{(2) &}quot;Change" column indicates change from prior year.

⁽³⁾ Preschool enrollments are not included in these figures.

⁽⁴⁾ Cedar Lane School's projected enrollment is based on Cedar Lane School's September 30, 2014 enrollment

FY 2019 Superintendent's Proposed Capital Budget

Facility Use, Acreage, and Capital Projects

| HCPSS Elementary Schools | Acreage | Current Relocatables | Original Construction Cost | Initially Complete | Renovations (R), Additions (A), Conversion (C), Projects |
|-----------------------------|---------------|-------------------------|----------------------------------|-----------------------|---|
| Atholton ES | 12.31 | 3 | \$ 447,569 | 1961 | 1980(A), 2001(R), 2002(R), 2006, 2007 |
| Bellows Spring ES | 40.00 | 5 | \$ 15,105,663 | 2003 | 2009(A), 2011(A) |
| Bollman Bridge ES | 16.95 | 2 | \$ 6,274,000 | 1988 | 1994(A), 2008(C),2013(R/A) |
| Bryant Woods ES | 9.25 | 4 | \$ 695,406 | 1968 | 1983, 1984(A), 2004(R), 2007 |
| Bushy Park ES | 19.20 | - | \$ 24,000,000 | 2007 | (Replacement) replaced Old Bushy Park with a new school |
| Centennial Lane ES | 11.22 | 5 | \$ 1,101,140 | 1973 | 1987(A), 2007(R), 2008(A) |
| Clarksville ES | 10.69 | 1 | \$ 435,986 | 1964 | 1980(A), 1986 HVAC, 2002(R), 2006 |
| Clemens Crossing ES | 10.80 | 3 | \$ 1,853,590 | 1979 | 1988(A), 2009(R) |
| Cradlerock ES | 33.16 | 3 | \$ 4,249,000 | 1976 | 1998(A), 2001(R), 2003(R), 2007, 1996 Dasher Green Head Start |
| Dayton Oaks ES** | 22.74 | - | \$ 21,804,000 | 2006 | New school 2006 |
| Deep Run ES | 11.67 | 6 | \$ 6,403,575 | 1990 | 1998(A), 2009(A), 2016® |
| Ducketts Lane ES | 10.03 | 9 | \$ 34,447,000 | 2013 | New school 2013 |
| Elkridge ES | 48.581 shared | 4 | \$ 7,139,588 | 1992 | 1998, 2009(A) |
| Forest Ridge ES | 20.85 | 5 | \$ 6,050,000 | 1992 | 2001/2 (R)/(A), 2009(A) |
| Fulton ES | 99.0 shared | - | \$ 6,156,161 | 1997 | 2003(A)/(R), 2006 |
| Gorman Crossing ES | 15.00 | 2 | \$ 5,766,716 | 1998 | 2007,2013(A) |
| Guilford ES | 11.00 | 5 | \$ 216,278 | 1954 | 1959(R), 1982, 1986(A), 1989, 2006 |
| Hammond ES | 35.00 shared | 1 | \$ 2,381,673 | 1971 | (includes Hammond MS & Hammond ES) 1987, 1988/9, 1996/7 (A), 2007, 2011(R/A) |
| Hollifield Station ES | 14.50 | 3 | \$ 6,017,889 | 1997 | 2002(R)/(A), 2009(A) |
| Ilchester ES | 27.22 shared | 3 | \$ 6,430,404 | 1996 | 2000/1, 2008(A) |
| Jeffers Hill ES | 10.00 | 2 | \$ 1,747,200 | 1975 | 1998/1999(R) |
| Laurel Woods ES | 27.00 | 2 | \$ 1,658,399 | 1973 | 1987(A), 2004(R), 2005(ROOFING PROJECT), 2008(A) |
| Lisbon ES | 22.55 | 1 | \$ 2,056,000 | 1976 | 1988(A), 2006 |
| Longfellow ES | 9.50 | - | \$ 775,481 | 1970 | 1986(R), 1994(A), 2008(A) |
| Manor Woods ES | 43.23 | 1 | \$ 5,900,000 | 1994 | 2004(R) |
| Northfield ES | 10.00 | 1 | \$ 20,330,000 | 1968 | 1986(A), 2007, 2011(R/A) |
| Phelps Luck ES | 10.00 | 2 | \$ 1,036,792 | 1972 | 1989, 1999(A), 2007,2013(R/A) |
| Pointers Run ES | 13.69 | 9 | \$ 6,645,000 | 1991 | 2000, 2001/2, 2006, 2008(A) |
| Rockburn ES | 8.74 | 1 | \$ 5,849,000 | 1993 | 2004(A), 2007 |
| Running Brook ES | 9.00 | 3 | \$ 776,406 | 1970 | 1984(A)/(REMODELING), 2004 (ROOF REPLACEMENT), 2006, 2014(A) |
| St. John's Lane ES | 10.00 | 7 | \$ 235,985 | 1954 | 1988(A), 1959, 1966, 1975(MODERNIZ)1988, 1995, 2000(A)/(R), 2009(A) |
| Stevens Forest ES | 10.00 | 5 | \$ 764,941 | 1972 | 1995(A),2013(R/A) |
| Swansfield ES | 10.00 | 12 | \$ 764,941 | 1972 | 1988(A), 1998(R), 2008(A) |
| Talbott Springs ES | 10.00 | 11 | \$ 1,224,800 | 1973 | 1999(SPRINKLERS), 2000(A) & (R), 2008(A) |
| Thunder Hill ES | 14.93 | 3 | \$ 14,515,430 | 1970 | 1987, 1988(A), 1988, 1989, 2007, 2012(R/A) |
| Triadelphia Ridge ES | 78.3 shared | - | \$ 6,219,488 | 1998 | 2005(A), 2006 |
| Veterans ES | 23.66 | 5 | \$ 19,000,000 | 2007 | New school 2007 |
| Waterloo ES | 10.00 | 4 | \$ 435,221 | 1964 | 1987(A)/(MODERNIZATION), 1998(A), 2009(R) |
| Waverly ES | 11.49 | 9 | \$ 6,669,587 | 1990 | 2007 |
| West Friendship ES | 17.85 | - | unknown | 1925 | (7 rm school (1925)) 1950, 1962, 1971 (MODERNIZATION), 1978(A), 2004(R), 2005(ROOF) |
| Worthington ES | 19.69 | 1 | \$ 2,385,850 | 1976 | 1989, 1998, 2007, 2008(R) |

^{*} Estimated Investment: based on available records; in process of updating data.

^{**}Dayton Oaks shares 12.66 acres with Recreation and Parks play fields.

102

Facility Use, Acreage, and Capital Projects

| HCPSS Middle Schools | Acreage | Current Relocatables | Original onstruction Cost | Initially Complete | Renovations (R), Additions (A), Conversion (C), Projects |
|-------------------------|--------------|-------------------------|---------------------------------|-----------------------|--|
| Bonnie Branch MS | 27.22 shared | 2 | \$ 7,819,520 | 1999 | 1999(A) |
| Burleigh Manor MS | 27.00 | 1 | \$ 8,107,000 | 1992 | |
| Clarksville MS | 20.43 | 5 | \$ 5,662,361 | 1979 | 2004, 2006(A), 2008®, 2010(Masonry) |
| Dunloggin MS | 20.00 | 5 | \$ 1,963,323 | 1973 | 1999(R) |
| Elkridge Landing MS | 48.58 | 2 | \$ 9,000,000 | 1995 | |
| Ellicott Mills MS | 16.22 | 3 | \$ 9,430,537 | 1939 | (Replacement) 1957, 1962, 1973, 2001 |
| Folly Quarter MS | 78.3 shared | - | \$ 11,077,000 | 2003 | |
| Glenwood MS | 30.00 | 6 | \$ 1,179,168 | 1967 | 1999(R), 2000(R), 1986(Air Conditioning), 2016 (HVAC) |
| Hammond ES/MS | 35.00 shared | 3 | \$ 22,650,672 | 1971 | includes Hammond MS & Hammond ES, 2011 |
| Harper's Choice MS | 19.67 | 5 | \$ 1,974,697 | 1973 | 1999(R), 2000 |
| Lake Elkhorn MS | 33.16 shared | 1 | \$ 4,244,500 | 1976 | includes Dasher Green ES & Owen Brown MS |
| Lime Kiln MS | 99.0 shared | - | \$ 8,420,400 | 1999 | 2005(A) |
| Mayfield Woods MS | 27.00 | 2 | \$ 8,501,354 | 1991 | |
| Mount View MS | 35.75 | 2 | \$ 8,617,000 | 1993 | |
| Murray Hill MS | 25.00 | 6 | \$ 7,858,000 | 1997 | |
| Oakland Mills MS | 20.00 | - | \$ 1,803,876 | 1972 | 1998 (R) |
| Patapsco MS | 21.13 | 2 | \$ 1,391,791 | 1969 | 1974, 1996, 2003(R)/(A), 2004 (R)/(A) |
| Patuxent Valley MS | 30.00 | 6 | \$ 8,261,000 | 1989 | 2017 (R) |
| Thomas Viaduct MS | 20.21 | - | \$ 34,755,000 | 2014 | |
| Wilde Lake MS | 21.00 | 9 | \$ 1,323,314 | 1969 | 1974, 1998(R), Replacement(2017) |

| HCPSS High Schools | Acreage | Current Relocatables | Original Construction Cost | Initially Complete | Renovations (R), Additions (A), Projects |
|-----------------------|-------------|-------------------------|----------------------------------|-----------------------|--|
| Atholton HS | 36.28 | - | \$ 1,423,493 | 1966 | 1972, 1977, 1978, 1988, 1987(A), 1997(R), 2003(R)/(A), |
| Centennial HS | 43.00 | 4 | \$ 6,337,867 | 1977 | 1998(R), 2002(R)/(A), 2011(A) |
| Glenelg HS | 40.94 | - | \$ 56,345,257 | 1958 | 1963, 1967, 1969, 1971, 1972(R), 1986(A), 1988(A)/(R), 2003, 2008(A), 2009(Auditorium), 2011(HVA |
| Hammond HS | 33.14 | 4 | \$ 6,321,000 | 1976 | 1996(A), 1998®, 2011(A) |
| Howard HS | 41.00 | 15 | \$ 698,781 | 1951 | 1960, 1964,1971, 1975, 1977, 2001(A)/(R), 2002(R), 2004, 2006, 2009(Windows) |
| Long Reach HS | 50.00 | 4 | \$ 20,373,000 | 1996 | |
| Marriotts Ridge HS | 42.40 | - | \$ 34,115,895 | 2005 | |
| Mt. Hebron HS | 40.05 | 4 | \$ 55,560,000 | 1965 | 1968,1972,1976, 1977-1978,1983(MODERNIZATION), 1997-99(A), 2004(R), 2005(R), 2011 |
| Oakland Mills HS | 28.60 | - | \$ 3,579,000 | 1973 | 1991-92(R), 1998(R), 2004(A) |
| Reservoir HS | 99.0 shared | 5 | \$ 27,224,000 | 2002 | |
| River Hill HS | 64.2 | - | \$ 21,473,000 | 1994 | |
| Wilde Lake HS | 31.25 | - | \$ 21,202,391 | 1996 | (Replacement) |

| HCPSS Countywide Schools | Acreage | Current Relocatables | Original Construction Cost | Initially Complete | Renovations (R), Additions (A), Projects |
|-----------------------------|--------------|-------------------------|----------------------------------|-----------------------|---|
| Applications & Research Lab | 45.48 shared | - | \$ 1,502,581 | 1968 | 1970, 1974, 1986, 1997/1998(R),2002(NEW ROOF), 2006 |
| Cedar Lane Special | 99.0 shared | - | \$ 18,663,069 | 2005 | 2005(A) |
| Homewood | 45.48 shared | 1 | \$ 8.620.912 | 2002 | |

| HCPSS Other Facilities | Acreage | Current Relocatables | Cons | riginal struction Cost | Initially Complete | Renovations (R), Additions (A), Projects |
|----------------------------------|--------------|-------------------------|------|------------------------------|-----------------------|--|
| Admin. Building(Harriett Tubman) | 3.58 | - | \$ | 256,664 | 1948 | 1953, 1956 |
| Admin. Building(Central Office) | 45.48 shared | 4 | \$ 3 | 3,657,660 | 1980 | |
| Old Bushy Park | 12.00 shared | - | \$ 2 | 2,931,991 | 1976 | 1988(A), school replaced 2007 |
| Faulkner Ridge Resource Center | 9.01 | - | \$ | 750,174 | 1969 | |
| Old Cedar Lane | 11 | - | \$: | 3,839,731 | 1981 | |

ELEMENTARY SCHOOLS - MAY 2017 APFO Test
Capacity Utilization Rates with Board of Education's Approved FY 2018 Capital Budget Projects
Chart reflects May 2016 Projections, Board of Education's Requested FY 2018 capacities, and proposed redistricting associated with 0

| 1 | | | | | | | lay 2010 | | | | | s Reques | | 10 Capaci | | ropos | | | 20000 | | | tui i i | | 007 00 | | | 000 DO | | | AA AA |
|--|--|---|---|--|--|---|--|--|--|--|--|--|--|--|---|----------------------------|---|---|---------------------------------------|--|--|---------------------------------------|--|---|---------------------------------------|--|---|---------------------------------------|--|--|
| Calumbia Fast | 2020 | 2021 | acity | 2022 | | 020-21 | | 2021- | | | 022-23 | D | 2023-24 | Dua | 2024-25 | | | 025-26 | | | 026-27 | | | 027-28 | | | 028-29 | | | 29-30 |
| Columbia - East | | | 2022 398 | 2023 398 | Proj | % Util. | | roj %l | | Proj | % Util. | Pro | | Pro | | | Proj | % Util. | | Proj | % Util. | _ | Proj | % Util. | | Proj | % Util. | | | % Util. |
| Cradlerock ES | 398 | 398 | | | 442 | 111.1 | | 42 11 | | 439 | 110.3 | 440 | | 455 | | | 468 | 117.6 | C | 465 | 116.8 | С | 463 | 116.3 | С | 461 | 115.8 | | | 115.6 C |
| Jeffers Hill ES | 421 | 421 | 421 | 421 | 440 | 104.5 | | 39 10 | | 437 | 103.8 | 439 | | 441 | | | 450 | 106.9 | | 455 | 108.1 | | 462 | 109.7 | | 468 | 111.2 | | | 112.6 |
| Phelps Luck ES | 616 | 616 | 616 | 616 | 588 | 95.5 | | 08 98 | | 624 | 101.3 | 632 | | 636 | | | 643 | 104.4 | | 655 | 106.3 | | 666 | 108.1 | | 672 | 109.1 | | | 110.4 |
| Stevens Forest ES | 399 | 399 | 399 | 399 | 413 | 103.5 | | 12 10 | | 415 | 104.0 | 410 | | 415 | | _ | 423 | 106.0 | _ | 428 | 107.3 | _ | 433 | 108.5 | _ | 444 | 111.3 | | | 112.0 |
| Talbott Springs ES | 377 | 377 | 377 | 377 | 457 | 121.2 | | | 0.2 C | | 119.1 | C 453 | | C 466 | | С | 462 | 122.5 | С | 469 | 124.4 | С | 476 | 126.3 | C | 485 | 128.6 | | 493 | 130.8 C |
| Thunder Hill ES | 509 | 509 | 509 | 509 | 571 | 112.2 | | 72 11: | | 564 | 110.8 | 56 | | 572 | | | 577 | 113.4 | | 585 | 114.9 | | 594 | 116.7 | С | 602 | 118.3 | | 618 | 121.4 C |
| Region Totals | 2720 | 2720 | 2720 | 2720 | 2911 | 107.0 | 29 | 26 10° | 7.6 | 2928 | 107.6 | 294 | 1 108.1 | 298 | 5 109.7 | | 3023 | 111.1 | | 3057 | 112.4 | | 3094 | 113.8 | | 3132 | 115.1 | C : | 3172 | 116.6 C |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Columbia - West | 004 | 201 | 004 | 004 | | | | | | | 440.0 | | | | | _ | | 447.0 | _ | 400 | 4400 | _ | | 440.4 | _ | | 400.0 | _ | | 4000 |
| Bryant Woods ES | 361 | 361 | 361 | 361 | 412 | 114.1 | | 10 11 | | 411 | 113.9 | 412 | | 415 | | C | 423 | 117.2 | | 428 | 118.6 | C | 430 | 119.1 | C | 434 | 120.2 | | 436 | 120.8 C |
| Clemens Crossing ES | 521 | 521 | 521 | 521 | 590 | 113.2 | | 93 11: | | 609 | | O ^{CIP} 61 | | C 608 | | С | 605 | 116.1 | С | 611 | 117.3 | С | 634 | 121.7 | С | 652 | 125.1 | С | 671 | 128.8 C |
| Longfellow ES | 512 | 512 | 512 | 512 | 423 | 82.6 | 4 | 20 82 | .0 | 413 | 80.7 | 413 | | 414 | | _ | 421 | 82.2 | _ | 424 | 82.8 | _ | 430 | 84.0 | _ | 433 | 84.6 | _ | 439 | 85.7 |
| Running Brook ES | 515 | 515 | 515 | 515 | 724 | | | | 3.5 o ^c | | 168.5 | O ^{CIP} 94 | | C 100 | | С | 1044 | 202.7 | | 1076 | 208.9 | С | 1099 | 213.4 | С | 1124 | 218.3 | | | 220.0 C |
| | A 621 | 621 | 621 | 621 | 597 | 96.1 | | 87 94 | | 597 | 96.1 | 60 | | 602 | | | 609 | 98.1 | | 617 | 99.4 | | 623 | 100.3 | | 630 | 101.4 | | 637 | 102.6 |
| Region Totals | 2530 | 2530 | 2530 | 2530 | 2746 | 108.5 | 28 | 16 11 | 1.3 | 2898 | 114.5 | 298 | 2 117.9 | C 304 | 120.2 | С | 3102 | 122.6 | C : | 3156 | 124.7 | С | 3216 | 127.1 | С | 3273 | 129.4 | C : | 3316 | 131.1 C |
| Northogetorn | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northeastern | 751 | 751 | 751 | 751 | 926 | 123.3 | O ^{CIP} 9 | 64 12 | 3.4 o ^c | ^{IP} 969 | 129.0 | O ^{CIP} 975 | 129.8 | O ^{CIP} 971 | 129.3 | OCIP | 953 | 126.9 | OCIP | 925 | 123.2 | OCIP | 800 | 118.5 | OCIP | 858 | 114.2 | | 835 | 111.2 |
| Bellows Spring ES | 751 772 | 751 772 | 751 772 | 772 | 872 | | | | | 969 866 | | 87 | | | | U | 953 881 | | J | 925 892 | | c | 890 | | C | 923 | 114.2 | | 936 | 121.2 C |
| Deep Run ES | 772 | 772 | 772 | 772 | | 113.0 156.4 | | | 4.0 3.3 o ^c | | 112.2 177.9 | O ^{CIP} 140 | | 0 ^{CIP} 144 | | OCIP | 1470 | 114.1 190.9 | OCIP | | 115.5 196.1 | | 910 | 117.9 199.5 | | | | | | 211.6 C |
| Ducketts Lane ES | | | | | 1204 | | | | | | | | | | | 0 | | | | 1510 | | | 1536 | | | 1586 | 206.0 | | | |
| Elkridge ES | 760 | 760 | 760 | 760 | 843 | 110.9 | | 28 10 | | 810 | 106.6 | 812 | | 823 | | | 877 | 115.4 | С | 882 | 116.1 | С | 907 | 119.3 | С | 938 | 123.4 | | | 124.2 C |
| Ilchester ES | 653 | 653 | 653 | 653 | 595 | 91.1 | 6 | 60 10 | 1.1 | 687 | 105.2 | 717 | 109.8 | 724 | 110.9 | | 722 | 110.6 | | 707 | 108.3 | | 681 | 104.3 | | 652 | 99.8 | | 651 | 99.7 |
| | NS 788 | 788 | 788 | 788 | 670 | 102.0 | _ | 04 40 | | 700 | 440.0 | 7.1 | | 000 | 400.0 | o CIP | 007 | 400.0 | - CIP | 000 | 400.0 | o CIP | 045 | 4447 | -CIP | 004 | 150.7 | _ | 1000 | 4545 |
| Rockburn ES | 653 | 653 | 653 | 653 | 678 | 103.8 | | 81 10 | | 722 | 110.6 | 74 | | 803 | | OCIP | 837 | | OCIP | 888 | | OCIP | 945 | | OCIP | 984 | 150.7 | | 1009 | 154.5 C |
| Veterans ES | 821 | 821 | 821 | 821 | 937 | 114.1 | | 16 11 | | 912 | 111.1 | 900 | | 906 | | | 887 | 108.0 | | 881 | 107.3 | | 913 | 111.2 | | 947 | 115.3 | | 951 | 115.8 C |
| Waterloo ES | 663 | 663 | 663 | 663 | 572 | 86.3 | | 54 83 | | 554 | 83.6 | 554 | | 551 | | | 565 | 85.2 | | 572 | 86.3 | | 579 | 87.3 | | 588 | 88.7 | | 610 | 92.0 |
| Worthington ES | 590 | 590 | 590 | 590 | 439 | 74.4 | | 44 75 | | 452 | 76.6 | 462 | | 478 | | | 498 | 84.4 | | 501 | 84.9 | | 489 | 82.9 | | 501 | 84.9 | | 496 | 84.1 |
| Region Totals | 7221 | 7221 | 7221 | 7221 | 7066 | 97.9 | 72 | 23 10 | 0.0 | 7342 | 101.7 | 744 | 8 103.1 | 758 | 2 105.0 | | 7690 | 106.5 | | 7758 | 107.4 | | 7850 | 108.7 | | 7977 | 110.5 | | 8061 | 111.6 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northorn | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern | 647 | 647 | 647 | 647 | 706 | 101 5 | C 7 | OE 10 | 12 6 | 700 | 122 5 | C 700 | 101 5 | C 705 | 122.0 | c | 901 | 100.0 | _ | 905 | 124.4 | _ | 010 | 126.4 | _ | 020 | 129.0 | r | 027 | 120.4 6 |
| Centennial Lane ES | 647 | 647 | 647 | 647 | 786 | 121.5 | | | 1.3 C | | 123.5 | C 786 | | C 795 | | C | 801 | 123.8 | | 805 | 124.4 | | 818 | 126.4 | C | 828 | 128.0 | | 837 | 129.4 C |
| Centennial Lane ES Hollifield Station ES | 694 | 694 | 694 | 694 | 823 | 118.6 | C 8 | 25 11 | 3.9 C | 833 | 120.0 | C 818 | 117.9 | C 831 | 119.7 | С | 833 | 120.0 | С | 869 | 125.2 | C | 908 | 130.8 | С | 947 | 136.5 | Ċ | 991 | 142.8 C |
| Centennial Lane ES Hollifield Station ES Manor Woods ES | 694 681 | 694 681 | 694 681 | 694 681 | 823 1225 | 118.6 179.9 | C 8 | 25 118 868 20 | 3.9 C | 833 1487 | 120.0 218.4 | C 818 o ^{CIP} 160 | 3 117.9 6 235.8 | C 831 O ^{CIP} 167 | 119.7 7 246.3 | | 833 1693 | 120.0 248.6 | С | 869 1692 | 125.2 248.5 | C | 908 1651 | 130.8 242.4 | C O ^{CIP} | 947 1574 | 136.5 231.1 | C O ^{CIP} | 991 1490 | 142.8 C 218.8 o ^c |
| Centennial Lane ES Hollifield Station ES Manor Woods ES Northfield ES | 694 681 700 | 694 681 700 | 694 681 700 | 694 681 700 | 823 1225 715 | 118.6 179.9 102.1 | C 8 o ^{CIP} 13 7 | 25 118 868 20 17 10 | 3.9 C 0.9 o ^c 2.4 | 833 1487 724 | 120.0 218.4 103.4 | C 818 o ^{CIP} 160 718 | 3 117.9 6 235.8 3 102.6 | C 831 O ^{CIP} 167 738 | 119.7 7 246.3 1 105.4 | C O ^{CIP} | 833 1693 762 | 120.0 248.6 108.9 | C O ^{CIP} | 869 1692 771 | 125.2 248.5 110.1 | C O ^{CIP} | 908 1651 818 | 130.8 242.4 116.9 | C O ^{CIP} | 947 1574 813 | 136.5 231.1 116.1 | C O ^{CIP} | 991 1490 817 | 142.8 C 218.8 o ^c 116.7 C |
| Centennial Lane ES Hollifield Station ES Manor Woods ES Northfield ES St Johns Lane ES | 694 681 700 612 | 694 681 700 612 | 694 681 700 612 | 694 681 700 612 | 823 1225 715 721 | 118.6 179.9 102.1 117.8 | C 8 o ^{CIP} 13 7 C 7 | 25 118 868 <mark>20</mark> 8 17 103 22 118 | 3.9 C 0.9 o ^c 2.4 3.0 C | 833 1487 724 737 | 120.0 218.4 103.4 120.4 | C 818 0 ^{CIP} 160 718 C 74 | 3 117.9 6 235.8 3 102.6 7 122.1 | C 831 0 ^{CIP} 167 738 C 739 | 119.7 7 246.3 1 105.4 1 120.8 | С | 833 1693 762 754 | 120.0 248.6 108.9 123.2 | C O ^{CIP} | 869 1692 771 787 | 125.2 248.5 110.1 128.6 | C | 908 1651 818 809 | 130.8 242.4 116.9 132.2 | C O ^{CIP} | 947 1574 813 817 | 136.5 231.1 116.1 133.5 | C C C | 991 1490 817 831 | 142.8 C 218.8 o ^c 116.7 C 135.8 C |
| Centennial Lane ES Hollifield Station ES Manor Woods ES Northfield ES St Johns Lane ES Waverly ES | 694 681 700 612 A 738 | 694 681 700 612 738 | 694 681 700 612 738 | 694 681 700 612 738 | 823 1225 715 721 637 | 118.6 179.9 102.1 117.8 86.3 | C 8 0 ^{CIP} 13 7 C 7 6 | 25 118 868 200 17 103 22 118 15 83 | 3.9 C 0.9 o ^c 2.4 3.0 C | 833 1487 724 737 606 | 120.0 218.4 103.4 120.4 82.1 | C 818 O ^{CIP} 160 718 C 747 607 | 3 117.9 6 235.8 3 102.6 7 122.1 7 82.2 | C 831 0 ^{CIP} 167 738 C 739 606 | 119.7 7 246.3 1 105.4 1 120.8 8 82.1 | C O ^{CIP} | 833 1693 762 754 627 | 120.0 248.6 108.9 123.2 85.0 | C O ^{CIP} | 869 1692 771 787 643 | 125.2 248.5 110.1 128.6 87.1 | C O ^{CIP} | 908 1651 818 809 653 | 130.8 242.4 116.9 132.2 88.5 | C C C | 947 1574 813 817 659 | 136.5 231.1 116.1 133.5 89.3 | C C C | 991 1490 817 831 676 | 142.8 C 218.8 o ^c 116.7 C 135.8 C 91.6 |
| Centennial Lane ES Hollifield Station ES Manor Woods ES Northfield ES St Johns Lane ES | 694 681 700 612 | 694 681 700 612 | 694 681 700 612 | 694 681 700 612 | 823 1225 715 721 637 | 118.6 179.9 102.1 117.8 | C 8 0 ^{CIP} 13 7 C 7 6 | 25 118 868 200 17 103 22 118 15 83 | 3.9 C 0.9 o ^c 2.4 3.0 C | 833 1487 724 737 606 | 120.0 218.4 103.4 120.4 | C 818 0 ^{CIP} 160 718 C 74 | 3 117.9 6 235.8 3 102.6 7 122.1 7 82.2 | C 831 0 ^{CIP} 167 738 C 739 | 119.7 7 246.3 1 105.4 1 120.8 8 82.1 | C O ^{CIP} | 833 1693 762 754 | 120.0 248.6 108.9 123.2 | C O ^{CIP} | 869 1692 771 787 | 125.2 248.5 110.1 128.6 | C O ^{CIP} | 908 1651 818 809 | 130.8 242.4 116.9 132.2 | C C C | 947 1574 813 817 | 136.5 231.1 116.1 133.5 | C C C | 991 1490 817 831 | 142.8 C 218.8 o ^c 116.7 C 135.8 C |
| Centennial Lane ES Hollifield Station ES Manor Woods ES Northfield ES St Johns Lane ES Waverly ES Region Totals | 694 681 700 612 A 738 | 694 681 700 612 738 | 694 681 700 612 738 | 694 681 700 612 738 | 823 1225 715 721 637 | 118.6 179.9 102.1 117.8 86.3 | C 8 0 ^{CIP} 13 7 C 7 6 | 25 118 868 200 17 103 22 118 15 83 | 3.9 C 0.9 o ^c 2.4 3.0 C | 833 1487 724 737 606 | 120.0 218.4 103.4 120.4 82.1 | C 818 O ^{CIP} 160 718 C 747 607 | 3 117.9 6 235.8 3 102.6 7 122.1 7 82.2 | C 831 0 ^{CIP} 167 738 C 739 606 | 119.7 7 246.3 1 105.4 1 120.8 8 82.1 | C O ^{CIP} | 833 1693 762 754 627 | 120.0 248.6 108.9 123.2 85.0 | C O ^{CIP} | 869 1692 771 787 643 | 125.2 248.5 110.1 128.6 87.1 | C O ^{CIP} | 908 1651 818 809 653 | 130.8 242.4 116.9 132.2 88.5 | C C C | 947 1574 813 817 659 | 136.5 231.1 116.1 133.5 89.3 | C C C | 991 1490 817 831 676 | 142.8 C 218.8 o ^c 116.7 C 135.8 C 91.6 |
| Centennial Lane ES Hollifield Station ES Manor Woods ES Northfield ES St Johns Lane ES Waverly ES Region Totals Southeastern | 694 681 700 612 A 738 4072 | 694 681 700 612 738 4072 | 694 681 700 612 738 4072 | 694 681 700 612 738 4072 | 823 1225 715 721 637 4907 | 118.6 179.9 102.1 117.8 86.3 120.5 | C 8 O ^{CIP} 13 7 C 7 6 C 50 | 25 111 368 200 17 10: 22 11: 15 83 332 12: | 3.9 C 0.9 o ^c 2.4 3.0 C 3.3 | 833 1487 724 737 606 5186 | 120.0 218.4 103.4 120.4 82.1 127.4 | C 818 0 ^{CIP} 160 718 C 74 607 C 528 | 3 117.9 6 235.8 3 102.6 7 122.1 7 82.2 2 129.7 | C 831 0°IP 167 738 C 739 606 C 538 | 119.7 7 246.3 6 105.4 9 120.8 82.1 6 132.3 | C O ^{CIP} C | 833 1693 762 754 627 5470 | 120.0 248.6 108.9 123.2 85.0 134.3 | C C | 869 1692 771 787 643 5567 | 125.2 248.5 110.1 128.6 87.1 136.7 | C O ^{CIP} C | 908 1651 818 809 653 5657 | 130.8 242.4 116.9 132.2 88.5 138.9 | C C C | 947 1574 813 817 659 5638 | 136.5 231.1 116.1 133.5 89.3 138.5 | C C C | 991 1490 817 831 676 5642 | 142.8 C 218.8 o ^c 116.7 C 135.8 C 91.6 |
| Centennial Lane ES Hollifield Station ES Manor Woods ES Northfield ES St Johns Lane ES Waverly ES Region Totals Southeastern Atholton ES | 694 681 700 612 A 738 4072 | 694 681 700 612 738 4072 | 694 681 700 612 738 4072 | 694 681 700 612 738 4072 | 823 1225 715 721 637 4907 | 118.6 179.9 102.1 117.8 86.3 120.5 | C 8 O ^{CIP} 13 7 C 7 6 C 50 | 25 118 368 200 17 100 22 118 15 83 132 120 75 110 | 3.9 C 0.9 o ^c 2.4 3.0 C 3.6 C | 833 1487 724 737 606 5 5186 | 120.0 218.4 103.4 120.4 82.1 127.4 | C 818 O ^{CIP} 160 718 C 741 607 C 528 | 3 117.9 6 235.8 8 102.6 7 122.1 7 82.2 2 129.7 | C 831 O ^{CIP} 167 738 C 738 606 C 538 | 119.7 7 246.3 6 105.4 9 120.8 82.1 6 132.3 | C C C | 833 1693 762 754 627 5470 | 120.0 248.6 108.9 123.2 85.0 134.3 | C C C | 869 1692 771 787 643 5567 | 125.2 248.5 110.1 128.6 87.1 136.7 | C C | 908 1651 818 809 653 5657 | 130.8 242.4 116.9 132.2 88.5 138.9 | C C C | 947 1574 813 817 659 5638 | 136.5 231.1 116.1 133.5 89.3 138.5 | C C C | 991 1490 817 831 676 5642 | 142.8 C 218.8 o ^c 116.7 C 135.8 C 91.6 138.6 C |
| Centennial Lane ES Hollifield Station ES Manor Woods ES Northfield ES St Johns Lane ES Waverly ES Region Totals Southeastern Atholton ES Bollman Bridge ES | 694 681 700 612 A 738 4072 424 666 | 694 681 700 612 738 4072 424 666 | 694 681 700 612 738 4072 424 666 | 694 681 700 612 738 4072 424 666 | 823 1225 715 721 637 4907 479 739 | 118.6 179.9 102.1 117.8 86.3 120.5 | C 8 O ^{CIP} 13 7 C 7 6 C 50 4 7 | 25 118 868 200 117 103 122 118 15 83 132 123 75 113 53 113 | 3.9 C 0.9 o ^c 2.4 3.0 C 3.3 3.6 C | 833 1487 724 737 606 5186 480 781 | 120.0 218.4 103.4 120.4 82.1 127.4 113.2 117.3 | C 818 O ^{CIP} 160 718 C 747 607 C 528 490 C 808 | 3 117.9 6 235.8 8 102.6 7 122.1 7 82.2 2 129.7 0 115.6 120.9 | C 831 O ^{CIP} 167 738 C 739 606 C 538 C 501 C 819 | 119.7 7 246.3 1 105.4 1 120.8 82.1 6 132.3 118.2 123.0 | C C C | 833 1693 762 754 627 5470 494 827 | 120.0 248.6 108.9 123.2 85.0 134.3 | C C C C | 869 1692 771 787 643 5567 501 829 | 125.2 248.5 110.1 128.6 87.1 136.7 | C C C | 908 1651 818 809 653 5657 509 840 | 130.8 242.4 116.9 132.2 88.5 138.9 | C C C | 947 1574 813 817 659 5638 516 844 | 136.5 231.1 116.1 133.5 89.3 138.5 | C C C C C C C C C C C C C C C C C C C | 991 1490 817 831 676 5642 527 860 | 142.8 C 218.8 o ^c 116.7 C 135.8 C 91.6 138.6 C |
| Centennial Lane ES Hollifield Station ES Manor Woods ES Northfield ES St Johns Lane ES Waverly ES Region Totals Southeastern Atholton ES Bollman Bridge ES Forest Ridge ES | 694 681 700 612 A 738 4072 424 666 713 | 694 681 700 612 738 4072 424 666 713 | 694 681 700 612 738 4072 424 666 713 | 694 681 700 612 738 4072 424 666 713 | 823 1225 715 721 637 4907 479 739 909 | 118.6 179.9 102.1 117.8 86.3 120.5 | C 8 0°IP 13 7 C 7 6 C 50 C 9 | 25 11: 368 20: 17 10: 22 11: 15 83 132 12: 75 11: 53 11: 36 13 | 2.0 3.1 1.3 C | 833 1487 724 737 606 5186 480 781 978 | 120.0 218.4 103.4 120.4 82.1 127.4 113.2 117.3 137.2 | C 818 O ^{CIP} 1600 718 C 747 600 C 528 490 C 809 C 103 | 3 117.9 6 235.8 8 102.6 7 122.1 7 82.2 2 129.7 0 115.6 5 120.9 0 144.5 | C 831 O ^{CIP} 167 738 C 739 606 C 538 C 501 C 819 C 106 | 119.7 7 246.3 1 105.4 1 120.8 82.1 6 132.3 118.2 1 123.0 2 148.9 | C C C | 833 1693 762 754 627 5470 494 827 1085 | 120.0 248.6 108.9 123.2 85.0 134.3 | C C C | 869 1692 771 787 643 5567 501 829 1103 | 125.2 248.5 110.1 128.6 87.1 136.7 | C C C | 908 1651 818 809 653 5657 509 840 1102 | 130.8 242.4 116.9 132.2 88.5 138.9 | C C C | 947 1574 813 817 659 5638 516 844 1100 | 136.5 231.1 116.1 133.5 89.3 138.5 | C C C C C | 991 1490 817 831 676 5642 527 860 1088 | 142.8 C 218.8 o ^c 116.7 C 135.8 C 91.6 138.6 C |
| Centennial Lane ES Hollifield Station ES Manor Woods ES Northfield ES St Johns Lane ES Waverly ES Region Totals Southeastern Atholton ES Bollman Bridge ES Forest Ridge ES Gorman Crossing ES | 694 681 700 612 A 738 4072 424 666 713 735 | 694 681 700 612 738 4072 424 666 713 735 | 694 681 700 612 738 4072 424 666 713 735 | 694 681 700 612 738 4072 424 666 713 735 | 823 1225 715 721 637 4907 479 739 909 780 | 118.6 179.9 102.1 117.8 86.3 120.5 113.0 111.0 127.5 106.1 | C 8 O ^{CIP} 13 7 C 7 6 C 50 C 9 7 | 25 118 868 200 17 103 22 118 15 83 132 123 75 113 53 13 97 108 | 3.9 C 0.9 o ^c 2.4 3.0 C 3.3 3.6 C | 833 1487 724 737 606 5186 480 781 978 807 | 120.0 218.4 103.4 120.4 82.1 127.4 113.2 117.3 137.2 109.8 | C 818 O ^{CIP} 1600 718 C 741 600 C 528 C 809 C 103 799 | 3 117.9 6 235.8 8 102.6 7 122.1 82.2 2 129.7 0 115.6 5 120.9 0 144.5 108.2 | C 831 C 738 606 C 538 C 501 C 819 C 106 774 | 119.7 7 246.3 6 105.4 1 120.8 82.1 6 132.3 118.2 1 23.0 2 148.9 1 105.3 | C C C C | 833 1693 762 754 627 5470 494 827 1085 778 | 120.0 248.6 108.9 123.2 85.0 134.3 116.5 124.2 152.2 105.9 | C C C C C | 869 1692 771 787 643 5567 501 829 1103 796 | 125.2 248.5 110.1 128.6 87.1 136.7 118.2 124.5 154.7 108.3 | C C C C | 908 1651 818 809 653 5657 509 840 1102 786 | 130.8 242.4 116.9 132.2 88.5 138.9 | C C C C | 947 1574 813 817 659 5638 516 844 1100 784 | 136.5 231.1 116.1 133.5 89.3 138.5 121.7 126.7 154.3 106.7 | C C C C C | 991 1490 817 831 676 5642 527 860 1088 790 | 142.8 C 218.8 o° 116.7 C 135.8 C 91.6 138.6 C |
| Centennial Lane ES Hollifield Station ES Manor Woods ES Northfield ES St Johns Lane ES Waverly ES Region Totals Southeastern Atholton ES Bollman Bridge ES Forest Ridge ES Gorman Crossing ES Guilford ES | 694 681 700 612 A 738 4072 424 666 713 735 465 | 694 681 700 612 738 4072 424 666 713 735 465 | 694 681 700 612 738 4072 424 666 713 735 465 | 694 681 700 612 738 4072 424 666 713 735 465 | 823 1225 715 721 637 4907 479 739 909 780 471 | 118.6 179.9 102.1 117.8 86.3 120.5 113.0 111.0 127.5 106.1 101.3 | C 8 0° 13 7 7 C 7 6 C 50 C 50 7 4 | 25 113 368 200 17 105 22 114 15 83 332 123 75 115 53 115 53 116 53 136 63 13 64 13 65 106 76 105 | 3.9 C 0.9 o ^c 2.4 3.0 C 3.3 3.6 C 2.0 3.1 1.3 C 3.4 2.4 | 833 1487 724 737 606 5186 480 781 978 807 470 | 120.0 218.4 103.4 120.4 82.1 127.4 113.2 117.3 137.2 109.8 101.1 | C 818 O ^{CIP} 1600 718 C 747 600 C 528 490 C 809 C 103 | 3 117.9 6 235.8 3 102.6 7 122.1 82.2 2 129.7 0 115.6 5 120.9 0 144.5 108.2 114.0 | C 831 C 738 606 C 538 C 501 C 819 C 106 774 542 | 119.7 7 246.3 6 105.4 1 120.8 82.1 6 132.3 118.2 1 123.0 2 148.9 1 105.3 1 116.6 | C C C | 833 1693 762 754 627 5470 494 827 1085 778 542 | 120.0 248.6 108.9 123.2 85.0 134.3 116.5 124.2 152.2 105.9 116.6 | C C C C C C | 869 1692 771 787 643 5567 501 829 1103 796 537 | 125.2 248.5 110.1 128.6 87.1 136.7 118.2 124.5 154.7 108.3 115.5 | C C C C | 908 1651 818 809 653 5657 509 840 1102 786 537 | 130.8 242.4 116.9 132.2 88.5 138.9 120.0 126.1 154.6 106.9 115.5 | C C C C C | 947 1574 813 817 659 5638 516 844 1100 784 537 | 136.5 231.1 116.1 133.5 89.3 138.5 121.7 126.7 154.3 106.7 115.5 | C C C C C C | 991 1490 817 831 676 5642 527 860 1088 790 542 | 142.8 C 218.8 o° 116.7 C 135.8 C 91.6 138.6 C 124.3 C 129.1 C 152.6 C 107.5 116.6 C |
| Centennial Lane ES Hollifield Station ES Manor Woods ES Northfield ES St Johns Lane ES Waverly ES Region Totals Southeastern Atholton ES Bollman Bridge ES Forest Ridge ES Gorman Crossing ES | 694 681 700 612 A 738 4072 424 666 713 735 | 694 681 700 612 738 4072 424 666 713 735 | 694 681 700 612 738 4072 424 666 713 735 | 694 681 700 612 738 4072 424 666 713 735 | 823 1225 715 721 637 4907 479 739 909 780 | 118.6 179.9 102.1 117.8 86.3 120.5 113.0 111.0 127.5 106.1 | C 8 0° 13 7 7 6 7 6 6 5 6 7 7 6 7 7 6 7 7 7 7 7 7 | 25 118 868 200 17 103 22 118 15 83 132 123 75 113 53 13 97 108 | 33.9 C 2.4 3.0 C 33.6 C 2.0 3.1 11.3 C 3.4 2.4 4.7 | 833 1487 724 737 606 5186 480 781 978 807 | 120.0 218.4 103.4 120.4 82.1 127.4 113.2 117.3 137.2 109.8 | C 818 O ^{CIP} 1600 718 C 744 607 C 528 C 808 C 103 799 530 | 3 117.9 6 235.8 8 102.6 7 82.2 2 129.7 0 115.6 5 120.9 0 144.5 5 108.2 0 114.0 | C 831 C 738 C 738 606 C 538 C 501 C 819 C 106 774 542 | 119.7 7 246.3 1 105.4 1 20.8 8 2.1 6 132.3 118.2 1 123.0 2 148.9 1 105.3 1 116.6 1 134.2 | C C C C C | 833 1693 762 754 627 5470 494 827 1085 778 | 120.0 248.6 108.9 123.2 85.0 134.3 116.5 124.2 152.2 105.9 | C C C C C C | 869 1692 771 787 643 5567 501 829 1103 796 | 125.2 248.5 110.1 128.6 87.1 136.7 118.2 124.5 154.7 108.3 | C C C C | 908 1651 818 809 653 5657 509 840 1102 786 | 130.8 242.4 116.9 132.2 88.5 138.9 | C C C C C | 947 1574 813 817 659 5638 516 844 1100 784 | 136.5 231.1 116.1 133.5 89.3 138.5 121.7 126.7 154.3 106.7 | C C C C C C C C C C C C C C C C C C C | 991 1490 817 831 676 5642 527 860 1088 790 | 142.8 C 218.8 o° 116.7 C 135.8 C 91.6 138.6 C |
| Centennial Lane ES Hollifield Station ES Manor Woods ES Northfield ES St Johns Lane ES Waverly ES Region Totals Southeastern Atholton ES Bollman Bridge ES Forest Ridge ES Gorman Crossing ES Guilford ES Hammond ES | 694 681 700 612 A 738 4072 424 666 713 735 465 653 | 694 681 700 612 738 4072 424 666 713 735 465 653 | 694 681 700 612 738 4072 424 666 713 735 465 653 | 694 681 700 612 738 4072 424 666 713 735 465 653 | 823 1225 715 721 637 4907 479 739 909 780 471 704 532 | 118.6 179.9 102.1 117.8 86.3 120.5 113.0 111.0 127.5 106.1 101.3 107.8 | C 8 0° 13 7 7 6 7 6 6 5 6 7 7 7 7 7 7 7 5 5 | 25 118 117 100 122 118 83 132 123 15 83 16 83 17 100 18 83 18 83 19 100 100 100 100 100 100 100 100 | 3.9 C 0.9 o ^c 2.4 3.0 C 3.3 3.6 C 2.0 3.1 1.3 C 3.4 4.7 | 833 1487 724 737 606 5186 480 781 978 807 470 815 | 120.0 218.4 103.4 120.4 82.1 127.4 113.2 117.3 137.2 109.8 101.1 124.8 | C 818 O ^{CIP} 160 718 C 744 600 C 528 C 803 799 530 C 844 | 3 117.9 6 235.8 8 102.6 7 122.1 82.2 2 129.7 0 115.6 5 120.9 0 144.5 5 108.2 0 114.0 1 114.0 4 129.2 7 85.5 | C 831 C 738 C 738 606 C 538 C 501 C 819 C 106 772 542 C 876 | 119.7 7 246.3 105.4 120.8 82.1 6 132.3 118.2 123.0 2 148.9 105.3 116.6 6 134.2 86.4 | C C C C C | 833 1693 762 754 627 5470 494 827 1085 778 542 918 | 120.0 248.6 108.9 123.2 85.0 134.3 116.5 124.2 152.2 105.9 116.6 140.6 | C C C C C C | 869 1692 771 787 643 5567 501 829 1103 796 537 929 | 125.2 248.5 110.1 128.6 87.1 136.7 118.2 124.5 154.7 108.3 115.5 142.3 | C C C C C C C | 908 1651 818 809 653 5657 509 840 1102 786 537 948 | 130.8 242.4 116.9 132.2 88.5 138.9 120.0 126.1 154.6 106.9 115.5 145.2 | C C C C C C C | 947 1574 813 817 659 5638 516 844 1100 784 537 975 | 136.5 231.1 116.1 133.5 89.3 138.5 121.7 126.7 154.3 106.7 115.5 149.3 | C C C C C C C C | 991 1490 817 831 676 5642 527 860 1088 790 542 988 | 142.8 C 218.8 o° 116.7 C 135.8 C 91.6 C 124.3 C 129.1 C 152.6 C 151.3 C 151.3 C |
| Centennial Lane ES Hollifield Station ES Manor Woods ES Northfield ES St Johns Lane ES Waverly ES Region Totals Southeastern Atholton ES Bollman Bridge ES Forest Ridge ES Gorman Crossing ES Guilford ES Hammond ES Laurel Woods ES Region Totals | 694 681 700 612 A 738 4072 424 666 713 735 465 653 640 | 694 681 700 612 738 4072 424 666 713 735 465 653 640 | 694 681 700 612 738 4072 424 666 713 735 465 653 640 | 694 681 700 612 738 4072 424 666 713 735 465 653 640 | 823 1225 715 721 637 4907 479 739 909 780 471 704 532 | 118.6 179.9 102.1 117.8 86.3 120.5 113.0 111.0 127.5 106.1 101.3 107.8 83.1 | C 8 0° 13 7 7 6 7 6 6 5 6 7 7 7 7 7 7 7 5 5 | 25 118 200 117 100 117 117 117 117 117 117 117 1 | 3.9 C 0.9 o ^c 2.4 3.0 C 3.3 3.6 C 2.0 3.1 1.3 C 3.4 4.7 | 833 1487 724 737 606 5186 480 781 978 807 470 815 545 | 120.0 218.4 103.4 120.4 82.1 127.4 113.2 117.3 137.2 109.8 101.1 124.8 85.2 | C 818 O ^{CIP} 160 718 C 74 607 C 528 490 C 808 C 103 798 530 C 844 | 3 117.9 6 235.8 8 102.6 7 122.1 82.2 2 129.7 0 115.6 5 120.9 0 144.5 5 108.2 0 114.0 1 114.0 4 129.2 7 85.5 | C 831 C 738 606 C 538 C 501 C 106 774 542 C 876 | 119.7 7 246.3 105.4 120.8 82.1 6 132.3 118.2 123.0 2 148.9 105.3 116.6 6 134.2 86.4 | C C C C C C | 833 1693 762 754 627 5470 494 827 1085 778 542 918 554 | 120.0 248.6 108.9 123.2 85.0 134.3 116.5 124.2 152.2 105.9 116.6 140.6 86.6 | C C C C C C | 869 1692 771 787 643 5567 501 829 1103 796 537 929 571 | 125.2 248.5 110.1 128.6 87.1 136.7 118.2 124.5 154.7 108.3 115.5 142.3 89.2 | C C C C C C C | 908 1651 818 809 653 5657 509 840 1102 786 537 948 576 | 130.8 242.4 116.9 132.2 88.5 138.9 120.0 126.1 154.6 106.9 115.5 145.2 90.0 | C C C C C C C | 947 1574 813 817 659 5638 516 844 1100 784 537 975 583 | 136.5 231.1 116.1 133.5 89.3 138.5 121.7 126.7 154.3 106.7 115.5 149.3 91.1 | C C C C C C C C | 991 1490 817 831 676 5642 527 860 1088 790 542 988 588 | 142.8 C 218.8 O 9 1.6 135.8 C 91.6 129.1 C 152.6 C 107.5 116.6 C 151.3 91.9 |
| Centennial Lane ES Hollifield Station ES Manor Woods ES Northfield ES St Johns Lane ES Waverly ES Region Totals Southeastern Atholton ES Bollman Bridge ES Forest Ridge ES Gorman Crossing ES Guilford ES Hammond ES Laurel Woods ES Region Totals | 694 681 700 612 A 738 4072 424 666 713 735 465 653 640 4296 | 694 681 700 612 738 4072 424 666 713 735 465 653 640 4296 | 694 681 700 612 738 4072 424 666 713 735 465 653 640 4296 | 694 681 700 612 738 4072 424 666 713 735 465 653 640 4296 | 823 1225 715 721 637 4907 479 739 909 780 471 704 532 4614 | 118.6 179.9 102.1 117.8 86.3 120.5 113.0 111.0 127.5 106.1 101.3 107.8 83.1 | C 8 O ^{CIP} 13 7 C 7 6 C 50 C 50 C 50 4 7 C 7 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 | 25 118 1088 2008 2017 100 118 33 122 118 33 123 123 124 118 118 118 118 118 118 118 118 118 11 | 3.9 C 0.9 °C 2.4 3.0 C 3.3 C 2.0 3.1 1.3 C 3.4 4.74 | 833 1487 724 737 606 5186 480 781 978 807 470 815 545 4876 | 120.0 218.4 103.4 120.4 82.1 127.4 113.2 117.3 137.2 109.8 101.1 124.8 85.2 113.5 | C 818 0° 160 718 C 744 600 C 528 499 C 808 C 103 7 99 533 C 844 544 | 3 117.9 6 235.8 7 122.1 7 82.2 2 129.7 0 115.6 5 120.9 0 144.5 5 108.2 0 114.0 1 129.2 7 85.5 1 117.3 | C 831 C 738 606 C 538 C 501 C 106 774 C 819 C 106 774 552 C 512 | 119.7 7 246.3 1 120.8 82.1 6 132.3 118.2 1 123.0 2 148.9 1 105.3 1 116.6 1 134.2 1 134.2 1 134.2 | C C C C C C | 833 1693 762 754 627 5470 494 827 1085 778 542 918 554 5198 | 120.0 248.6 108.9 123.2 85.0 134.3 116.5 124.2 152.2 105.9 116.6 140.6 86.6 | C C C C C C | 869 1692 771 787 643 5567 501 829 1103 796 537 929 571 5266 | 125.2 248.5 110.1 128.6 87.1 136.7 118.2 124.5 154.7 108.3 115.5 142.3 89.2 | C C C C C C C | 908 1651 818 809 653 5657 509 840 1102 786 537 948 576 5298 | 130.8 242.4 116.9 132.2 88.5 138.9 120.0 126.1 154.6 106.9 115.5 145.2 90.0 | C C C C C C C | 947 1574 813 817 659 5638 516 844 1100 784 537 975 583 5339 | 136.5 231.1 116.1 133.5 89.3 138.5 121.7 126.7 154.3 106.7 115.5 149.3 91.1 124.3 | C C C C C C C | 991 1490 817 831 676 5642 527 860 1088 790 542 988 588 5383 | 142.8 C 218.8 O C 218.8 O C 218.8 O C 218.8 O C 21.6 C 21. |
| Centennial Lane ES Hollifield Station ES Manor Woods ES Northfield ES St Johns Lane ES Waverly ES Region Totals Southeastern Atholton ES Bollman Bridge ES Forest Ridge ES Gorman Crossing ES Guilford ES Hammond ES Laurel Woods ES Region Totals | 694 681 700 612 A 738 4072 424 666 713 735 465 653 640 4296 | 694 681 700 612 738 4072 424 666 713 735 465 653 640 4296 | 694 681 700 612 738 4072 424 666 713 735 465 653 640 4296 | 694 681 700 612 738 4072 424 666 713 735 465 653 640 4296 | 823 1225 715 721 637 4907 479 739 909 780 471 704 532 4614 | 118.6 179.9 102.1 117.8 86.3 120.5 113.0 111.0 127.5 106.1 101.3 107.8 83.1 107.4 | C 8 0° 13 7 7 C 7 6 6 C 50 C 50 4 7 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | 25 11: 268 2006 2006 1007 115 83 122 11: 8332 12: 75 11: 553 11: 36 13 36 13 37 10: 49 11: 40 84 27 66 | 3.9 C 0.9 o ^c 2.4 3.0 C 3.3 2.0 3.1 1.3 C 3.4 2.4 4.7 .4 | 833 1487 724 737 606 5186 480 781 978 807 470 815 545 4876 | 120.0 218.4 103.4 120.4 82.1 127.4 113.2 117.3 137.2 109.8 101.1 124.8 85.2 113.5 | C 818 O ^{CIP} 160 718 C 744 600 C 528 499 C 103 799 530 C 844 547 504 | 3 117.9 6 235.8 8 102.6 7 122.1 7 82.2 2 129.7 0 115.6 5 120.9 0 144.5 5 108.2 7 85.5 1 117.3 | C 831 C 738 600 C 538 C 501 C 106 774 544 C 875 C 512 | 119.7 7 246.3 1 20.8 1 120.8 1 82.1 1 132.3 1 18.2 1 123.0 2 148.9 1 105.3 2 116.6 1 134.2 1 19.3 | C C C C C C | 833 1693 762 754 627 5470 494 827 1085 778 542 918 554 5198 | 120.0 248.6 108.9 123.2 85.0 134.3 116.5 124.2 152.2 105.9 116.6 140.6 86.6 121.0 | C C C C C C | 869 1692 771 787 643 5567 501 829 1103 796 537 929 571 5266 | 125.2 248.5 110.1 128.6 87.1 136.7 118.2 124.5 154.7 108.3 115.5 142.3 89.2 122.6 | C C C C C C C | 908 1651 818 809 653 5657 509 840 1102 786 537 948 576 5298 | 130.8 242.4 116.9 132.2 88.5 138.9 120.0 126.1 154.6 106.9 115.5 145.2 90.0 123.3 | C C C C C C C | 947 1574 813 817 659 5638 516 844 1100 784 537 975 583 5339 | 136.5 231.1 116.1 133.5 89.3 138.5 121.7 126.7 154.3 106.7 115.5 149.3 91.1 124.3 | C C C C C C C C C C C C C C C C C C C | 991 1490 817 831 676 5642 527 860 1088 790 542 988 588 5383 | 142.8 C 218.8 o ^c 218.8 o ^c 116.7 C 135.8 c 91.6 C 124.3 C 129.1 C 152.6 C 107.5 C 116.6 C 125.3 C 77.8 |
| Centennial Lane ES Hollifield Station ES Manor Woods ES Northfield ES St Johns Lane ES Waverly ES Region Totals Southeastern Atholton ES Bollman Bridge ES Forest Ridge ES Gorman Crossing ES Guilford ES Hammond ES Laurel Woods ES Region Totals Western Bushy Park ES Clarksville ES | 694 681 700 612 A 738 4072 424 666 713 735 465 653 640 4296 | 694 681 700 612 738 4072 424 666 713 735 465 653 640 4296 | 694 681 700 612 738 4072 424 666 713 735 465 653 640 4296 | 694 681 700 612 738 4072 424 666 713 735 465 653 640 4296 | 823 1225 715 721 637 4907 479 739 909 780 471 704 532 4614 | 118.6 179.9 102.1 117.8 86.3 120.5 113.0 111.0 127.5 106.1 101.3 107.8 83.1 107.4 | C 8 0 13 7 7 6 C 50 50 50 47 5 5 3 | 25 11: 2668 20068 | 3.9 C 0.9 o ^c 2.4 3.0 C 3.1 1.3 C 2.0 3.1 4.7 4.4 0.0 | 833 1487 724 737 606 5186 480 781 978 807 470 815 545 4876 | 120.0 218.4 103.4 82.1 127.4 113.2 117.3 137.2 109.8 101.1 124.8 85.2 113.5 | C 818 O ^{CIP} 160 718 C 744 600 C 528 490 C 103 799 530 C 844 504 | 3 117.9 6 235.8 8 102.6 6 7 122.1 7 82.2 2 129.7 9 115.6 5 120.9 0 114.0 4 129.2 7 85.5 1 117.3 | C 831 C 738 600 C 538 C 501 C 819 C 106 772 553 C 512 | 119.7 7 246.3 1 105.4 1 120.8 82.1 1 132.3 1 118.2 1 123.0 2 148.9 1 105.3 1 116.6 1 134.2 1 134.2 1 19.3 1 | C C C C C C | 833 1693 762 754 627 5470 494 827 1085 778 542 918 554 5198 | 120.0 248.6 108.9 123.2 85.0 134.3 116.5 124.2 152.2 105.9 116.6 140.6 86.6 121.0 | C C C C C C | 869 1692 771 787 643 5567 501 829 1103 796 537 929 571 5266 | 125.2 248.5 110.1 128.6 87.1 136.7 118.2 124.5 154.7 108.3 115.5 142.3 89.2 122.6 | C C C C C C C | 908 1651 818 809 653 5657 509 840 1102 786 537 948 576 5298 | 130.8 242.4 116.9 132.2 88.5 138.9 120.0 126.1 154.6 106.9 115.5 145.2 90.0 123.3 | C C C C C C C | 947 1574 813 817 659 5638 516 844 1100 784 537 975 583 5339 | 136.5 231.1 116.1 133.5 89.3 138.5 121.7 126.7 154.3 106.7 115.5 149.3 91.1 124.3 | C C C C C C C C C C C C C C C C C C C | 991 1490 817 831 676 5642 527 860 1088 790 542 988 588 5383 613 358 | 142.8 C 218.8 O 116.7 C 135.8 C 91.6 138.6 C 129.1 C 152.6 C 151.3 C 152.3 C 17.8 58.5 |
| Centennial Lane ES Hollifield Station ES Manor Woods ES Northfield ES St Johns Lane ES Waverly ES Region Totals Southeastern Atholton ES Bollman Bridge ES Forest Ridge ES Gorman Crossing ES Guilford ES Hammond ES Laurel Woods ES Region Totals Western Bushy Park ES Clarksville ES Dayton Oaks ES | 694 681 700 612 A 738 4072 424 666 713 735 465 653 640 4296 | 694 681 700 612 738 4072 424 666 713 735 465 653 640 4296 788 | 694 681 700 612 738 4072 424 666 713 735 465 653 640 4296 | 694 681 700 612 738 4072 424 666 713 735 465 653 640 4296 788 | 823 1225 715 721 637 4907 479 739 909 780 471 704 532 4614 | 118.6 179.9 102.1 117.8 86.3 120.5 113.0 111.0 127.5 106.1 101.3 107.8 83.1 107.4 | C 80° 137 7 6 6 C 50° 50° 50° 50° 50° 50° 50° 50° 50° 50° | 25 11: 2068 2006 2007 10: 202 11: 15 83 332 12: 75 11: 553 11: 336 13: 397 10: 49 11: 49 11: 40 84 40 | 3.9 C 0.9 o° 2.4 3.0 C 3.3 C 3.6 C 2.0 3.1 1.3 C 3.4 4.7 .4 | 833 1487 724 737 606 5186 480 781 978 807 470 815 5487 4876 | 120.0 218.4 103.4 120.4 82.1 127.4 113.2 117.3 137.2 109.8 101.1 124.8 85.2 113.5 | C 8180 1600 1600 1600 1600 1600 1600 1600 | 3 117.9 35.8 3 102.6 6 122.1 82.2 129.7 115.6 5 120.9 0 144.5 5 108.2 7 85.5 1 117.3 2 63.7 60.0 7 70.1 | C 831 C 738 600 C 538 C 501 C 818 C 106 777 545 C 551 C 512 | 119.7 7 246.3 1 105.4 1 120.8 82.1 6 132.3 118.2 1 123.0 2 148.9 1 105.3 2 148.9 1 105.3 1 116.6 1 134.2 1 134.2 1 19.3 1 | C C C C C C C | 833 1693 762 754 627 5470 494 827 1085 778 542 918 554 5198 | 120.0 248.6 108.9 123.2 85.0 134.3 116.5 124.2 152.2 105.9 116.6 140.6 86.6 121.0 | C C C C C C C | 869 1692 771 787 643 5567 501 829 1103 796 537 929 571 5266 523 365 516 | 125.2 248.5 110.1 128.6 87.1 136.7 118.2 124.5 154.7 108.3 115.5 142.3 89.2 122.6 | C C C C C C C C C C C C C C C C C C C | 908 1651 818 809 653 5657 509 840 1102 786 537 948 576 5298 | 130.8 242.4 116.9 132.2 88.5 138.9 120.0 126.1 154.6 106.9 115.5 90.0 123.3 | C C C C C C C | 947 1574 813 817 659 5638 516 844 1100 784 537 583 5339 605 361 498 | 136.5 231.1 116.1 133.5 89.3 138.5 121.7 126.7 154.3 106.7 115.5 149.3 91.1 124.3 | C C C C C C C C C C C C C C C C C C C | 991 1490 817 831 676 5642 527 860 1088 790 542 988 588 5383 | 142.8 C 218.8 O 116.7 C 135.8 C 91.6 C 129.1 C 129.1 C 152.6 C 107.5 116.6 C 17.5 C 129.1 C 129.1 C 155.3 C 17.8 C |
| Centennial Lane ES Hollifield Station ES Manor Woods ES Northfield ES St Johns Lane ES Waverly ES Region Totals Southeastern Atholton ES Bollman Bridge ES Forest Ridge ES Gorman Crossing ES Guilford ES Hammond ES Laurel Woods ES Region Totals Western Bushy Park ES Clarksville ES Dayton Oaks ES Fulton ES | 694 681 700 612 A 738 4072 424 666 713 735 465 653 640 4296 | 694 681 700 612 738 4072 424 666 713 735 653 640 4296 788 612 788 788 | 694 681 700 612 738 4072 424 666 713 735 653 640 4296 788 612 788 788 | 694 681 700 612 738 4072 424 666 713 735 653 640 4296 788 612 788 788 | 823 1225 715 721 637 4907 479 739 909 780 471 704 532 4614 | 118.6 179.9 102.1 117.8 86.3 120.5 113.0 111.0 127.5 106.1 101.3 107.8 83.1 107.4 | C 80° 137 7 6 6 C 50° 50° 50° 50° 50° 50° 50° 50° 50° 50° | 25 11: 2668 200 117 10: 222 11: 15 83: 332 12: 75 11: 75 11: 75 11: 75 11: 76 10: 40 84: 40 84: 40 84: 41 11: 41 11: 42 6 11: 43 12: 44 61: 45 61: 46 61: 47 61: 48 17 48 11: 48 17 18 18 18 18 18 18 18 18 18 18 18 18 18 | 3.9 C 0.9 0° 2.4 C 3.0 C 3.1 C 3.1 C 3.4 C 4.7 C 4.7 C 3.6 C | 833 1487 724 737 606 5186 480 781 978 807 470 470 476 4876 520 368 565 1004 | 120.0 218.4 103.4 82.1 127.4 113.2 117.3 137.2 109.8 101.1 124.8 85.2 113.5 | C 8140 1600 1600 1600 1600 1600 1600 1600 1 | 3 117.9 235.8 3 102.6 7 122.1 82.2 2 129.7 2 129.7 2 120.9 0 144.5 5 108.2 114.0 4 129.2 7 85.5 1 117.3 2 63.7 7 60.0 7 70.1 2 125.9 | C 831 C 738 C 738 C 538 C 500 C 538 C 106 C 819 C 106 7542 C 877 555 C 512 | 119.7 7 246.3 1 105.4 1 120.8 82.1 6 132.3 118.2 123.0 2 148.9 1 116.6 1 34.2 1 86.4 7 119.3 6 63.8 6 59.8 6 68.4 1 23.2 | C C C C C C | 833 1693 762 754 627 5470 494 827 1085 778 542 918 554 5198 524 364 527 939 | 120.0 248.6 108.9 123.2 85.0 134.3 116.5 124.2 105.9 116.6 40.6 121.0 | C C C C C C C | 869 1692 771 787 643 5567 501 829 1103 796 537 929 571 5266 523 365 516 923 | 125.2 248.5 110.1 128.6 87.1 136.7 118.2 124.5 154.7 108.3 115.5 142.3 89.2 122.6 | C C C C C C C | 908 1651 818 809 653 5657 509 840 1102 786 537 948 576 5298 560 361 507 892 | 130.8 242.4 116.9 132.2 88.5 138.9 120.0 126.1 154.6 106.9 115.5 145.2 90.0 123.3 | C C C C C C C | 947 1574 813 817 659 5638 516 844 1100 784 537 975 583 5339 605 361 498 864 | 136.5 231.1 116.1 133.5 89.3 138.5 121.7 126.7 154.3 106.7 115.5 149.3 91.1 124.3 | C C C C C C C C C C C C C C C C C C C | 991 1490 817 831 676 5642 527 860 1088 790 542 988 588 5383 613 358 533 844 | 142.8 C 218.8 O 116.7 C 135.8 C 91.6 138.6 C 129.1 C 129.1 C 152.6 C 107.5 116.6 C 151.3 C 91.9 125.3 C 77.8 58.5 67.6 107.1 |
| Centennial Lane ES Hollifield Station ES Manor Woods ES Northfield ES St Johns Lane ES Waverly ES Region Totals Southeastern Atholton ES Bollman Bridge ES Forest Ridge ES Gorman Crossing ES Guilford ES Hammond ES Laurel Woods ES Region Totals Western Bushy Park ES Clarksville ES Dayton Oaks ES Fulton ES Lisbon ES | 694 681 700 612 A 738 4072 424 666 713 735 653 640 4296 788 612 788 788 788 527 | 694 681 700 612 738 4072 424 666 713 735 465 653 640 4296 788 612 788 788 788 788 | 694 681 700 612 738 4072 424 666 713 465 653 640 4296 788 612 788 788 527 | 694 681 700 612 738 4072 424 666 713 735 465 653 640 4296 788 612 788 788 788 527 | 823 1225 715 721 637 4907 479 739 909 780 471 704 532 4614 | 118.6 179.9 102.1 117.8 86.3 120.5 113.0 127.5 106.1 101.3 107.8 83.1 107.4 69.9 59.5 74.5 124.6 87.5 | C 80° 13 77 6 6 77 6 6 77 6 77 6 77 6 77 6 77 | 25 11: 17 20: 17 20: 18 332 12: 18 332 12: 19 10: 10 10: 10 10: 11 10: 12 10: 13 10: 14 10: 15 10: 16 10: 17 10: 18 10: | 3.9 C 0.9 o° 3.0 C 3.1 C 3 | 833 1487 724 737 606 5186 480 781 978 807 470 815 545 4876 | 120.0 218.4 103.4 120.4 82.1 127.4 113.2 117.3 137.2 109.8 101.1 124.8 85.2 113.5 | C 8180 1600 741 600 1600 741 600 1600 741 600 1600 1600 1600 1600 1600 1600 160 | 3 117.9 35.8 6 235.8 6 102.6 7 122.1 7 82.2 2 129.7 0 144.5 5 120.9 0 144.5 5 111.0 111.3 11.3 111.3 111.3 11.3 11.3 11.3 11.3 11.3 11.3 11.3 11.3 11.3 11.3 | C 831 C 738 C 538 C 538 C 501 C 501 C 1066 774 544 C 877 553 C 512 | 119.7 119.7 105.4 120.8 120.8 120.1 132.3 118.2 123.0 125.1 116.6 134.2 116.6 134.2 116.6 134.2 148.9 16.3 16.4 17.1 19.3 | C C C C C C C | 833 1693 762 754 627 5470 494 827 1085 778 542 918 554 5198 524 364 527 939 478 | 120.0 248.6 108.9 123.2 85.0 134.3 116.5 124.2 152.2 105.9 140.6 86.6 121.0 | C C C C C C C C C C C C C C C C C C C | 869 1692 771 787 643 5567 501 829 1103 796 537 929 571 5266 523 365 516 516 523 524 | 125.2 248.5 110.1 128.6 87.1 136.7 118.2 124.5 154.7 108.3 115.5 142.3 89.2 122.6 | C C C C C C C C C C C C C C C C C C C | 908 1651 818 809 653 5657 509 840 1102 786 537 948 576 5298 | 130.8 242.4 116.9 132.2 88.5 138.9 120.0 126.1 154.6 106.9 115.5 145.2 90.0 123.3 71.1 59.0 64.3 113.2 102.1 | C C C C C C C | 947 1574 813 817 659 5638 516 844 1100 784 537 975 583 5339 605 361 498 864 555 | 136.5 231.1 116.1 133.5 89.3 138.5 121.7 126.7 154.3 106.7 115.5 149.3 91.1 124.3 76.8 59.0 63.2 109.6 60.53 | C C C C C C C C C C C C C C C C C C C | 991 1490 817 831 676 5642 527 860 1088 790 542 988 5383 613 358 533 358 533 844 563 | 142.8 C 218.8 O 116.7 C 135.8 C 91.6 138.6 C 129.1 C 129.1 C 129.1 C 129.1 C 152.6 C 107.5 116.6 C 17.8 C 1 |
| Centennial Lane ES Hollifield Station ES Manor Woods ES Northfield ES St Johns Lane ES Waverly ES Region Totals Southeastern Atholton ES Bollman Bridge ES Forest Ridge ES Gorman Crossing ES Guilford ES Hammond ES Laurel Woods ES Region Totals Western Bushy Park ES Clarksville ES Dayton Oaks ES Fulton ES Lisbon ES Pointers Run ES | 694 681 700 612 A 738 4072 424 666 713 735 465 653 640 4296 | 694 681 700 612 738 4072 424 666 713 735 465 653 640 4296 788 612 788 788 527 744 | 694 681 700 612 738 4072 424 666 713 735 465 653 640 4296 788 788 788 788 788 | 694 681 700 612 738 4072 424 666 713 735 465 653 640 4296 788 612 788 788 527 744 | 823 1225 715 715 716 637 4907 479 739 909 780 471 704 532 4614 551 364 587 982 461 827 | 118.6 179.9 102.1 117.8 86.3 120.5 113.0 127.5 106.1 101.3 107.4 69.9 59.5 74.5 124.6 87.5 111.2 | C 80° 13 13 13 15 15 15 15 15 15 15 15 15 15 15 15 15 | 25 11: 17 10: 17 10: 18 20: 17 10: 18 20: 17 20: 18 20: 18 20: 19 20: 19 20: 10 20: | 3.3.9 C | 833 1487 724 737 606 5186 480 781 978 807 470 815 545 4876 520 368 565 1004 456 887 | 120.0 218.4 103.4 120.4 82.1 127.4 113.2 117.3 137.2 109.8 101.1 124.8 85.2 113.5 | C 81100°°° 1600 7711 C 741 600 600 600 600 600 600 600 600 600 60 | 3 117.9 35.8 3 102.6 7 122.1 82.2 129.7 115.6 5 120.9 0 144.5 5 108.2 114.0 1 117.3 117.3 125.9 85.5 1 125.9 8 85.0 1 20.8 8 85.0 8 120.8 | C 831 C 538 C 538 C 500 C 538 C 501 C 501 C 501 C 971 544 C 971 555 C 512 C 971 | 119.7 7 246.3 i 105.4 i 120.8 i 82.1 i 132.3 i 118.2 i 123.0 i 116.6 i 134.2 i | C C C C C C C | 833 1693 762 754 627 5470 494 827 1085 778 542 918 554 5198 524 364 527 939 478 869 | 120.0 248.6 108.9 123.2 85.0 134.3 116.5 124.2 152.2 105.9 116.6 86.6 121.0 66.5 59.5 66.9 119.2 90.7 116.8 | C C C C C C C C C | 869 1692 771 787 643 5567 501 829 1103 796 537 929 571 5266 523 365 516 923 851 | 125.2 248.5 110.1 128.6 87.1 136.7 118.2 124.5 154.7 108.3 115.5 142.3 89.2 122.6 66.4 59.6 65.5 117.1 99.4 | C C C C C C C C C C C C C C C C C C C | 908 1651 818 809 653 5657 509 840 1102 786 537 948 576 5298 560 361 507 892 538 829 | 130.8 242.4 116.9 132.2 88.5 138.9 120.0 126.1 154.6 106.9 115.5 145.2 90.0 123.3 71.1 59.0 64.3 113.2 102.1 111.4 | C C C C C C C | 947 1574 813 817 659 5638 516 844 1100 784 537 975 583 5339 605 361 498 864 498 864 5555 815 | 136.5 231.1 116.1 133.5 89.3 138.5 121.7 126.7 154.3 106.7 115.5 149.3 91.1 124.3 76.8 59.0 63.2 109.6 105.3 109.5 | C C C C C C C C C C C C C C C C C C C | 991 1490 817 831 676 5642 527 860 1088 790 542 988 5383 613 358 533 844 563 800 | 142.8 C 218.8 O 116.7 C 135.8 C 91.6 C 129.1 C 129.1 C 152.6 C 177.8 58.5 C 177.8 58.5 C 107.5 C 106.8 106.8 106.8 107.5 C 106.8 1 |
| Centennial Lane ES Hollifield Station ES Manor Woods ES Northfield ES St Johns Lane ES Waverly ES Region Totals Southeastern Atholton ES Bollman Bridge ES Forest Ridge ES Gorman Crossing ES Guilford ES Hammond ES Laurel Woods ES Region Totals Western Bushy Park ES Clarksville ES Dayton Oaks ES Fulton ES Lisbon ES Pointers Run ES Triadelphia Ridge ES | 694 681 700 612 A 738 4072 424 666 713 735 465 653 653 654 652 788 612 788 612 788 527 748 527 | 694 681 700 612 738 4072 424 666 713 735 465 653 640 4296 788 612 788 788 527 744 581 | 694 681 700 612 738 4072 424 666 713 735 465 653 640 4296 788 612 788 788 527 744 581 | 694 681 700 612 738 4072 424 666 713 735 465 653 640 4296 788 612 788 788 527 744 581 | 823 1225 715 716 637 479 739 909 780 471 704 532 4614 551 364 587 982 461 827 634 | 118.6 179.9 102.1 117.8 86.3 120.5 113.0 127.5 106.1 101.3 107.8 87.5 74.5 124.6 87.5 111.2 | C 80°°° 13°° 13°° 13°° 13°° 13°° 13°° 13°° | 25 11:68 2001 17 10:22 11:17 10:22 11:18 13:32 12:18 13:32 12:18 13:32 12:18 13:32 12:18 13:32 12:18 13:32 13:32 12:18 13:32 1 | 2.0 C C C C C C C C C C C C C C C C C C C | 833 1487 724 737 606 5186 480 781 978 807 470 815 545 4876 520 368 565 51004 456 887 647 | 120.0 218.4 103.4 120.4 82.1 127.4 113.2 117.3 137.2 109.8 101.1 124.8 85.2 113.5 | C 8110 C 1600 711 C 744 600 C 528 C 103 753 60 504 504 600 C 999 655 655 655 655 655 655 655 655 655 | 3 117.9 6 235.8 6 235.8 6 102.6 7 122.1 82.2 2 129.7 0 115.6 5 120.9 0 144.5 5 108.2 114.0 117.3 117.3 117.3 12 63.7 7 60.0 7 7 60.1 12 125.9 8 85.0 7 113.1 120.8 7 113.1 | C 8310 C 538 C 5012 C 512 C 5012 C 6012 C 60 | 119.7 7 246.3 1 105.4 1 120.8 82.1 6 132.3 118.2 1 123.0 2 148.9 1 105.3 1 105.3 1 115.6 1 134.2 1 19.3 1 63.8 1 7 119.3 | C C C C C C C | 833 1693 762 754 627 5470 494 827 1085 778 542 918 554 5198 524 364 527 939 478 869 655 | 120.0 248.6 108.9 123.2 85.0 134.3 116.5 124.2 152.2 105.9 116.6 140.6 86.6 121.0 66.5 59.5 66.9 119.2 90.7 116.8 112.7 | C C C C C C C C C | 869 1692 771 787 643 5567 501 829 1103 529 537 929 557 5266 537 929 523 5516 923 5566 524 645 | 125.2 248.5 110.1 128.6 87.1 136.7 118.2 124.5 154.7 108.3 115.5 142.3 89.2 122.6 66.4 59.6 65.5 117.1 99.4 114.0 | C C C C C C C C C C C C C C C C C C C | 908 1651 818 809 653 5657 509 840 1102 786 537 948 576 5298 560 361 507 892 538 829 641 | 130.8 242.4 116.9 132.2 88.5 138.9 120.0 126.1 154.6 106.9 115.5 145.2 90.0 64.3 113.2 102.1 111.4 | C C C C C C C | 947 1574 813 817 659 5638 516 844 1100 784 537 975 583 5339 605 361 498 864 555 815 640 | 136.5 231.1 116.1 133.5 89.3 138.5 121.7 126.7 154.3 106.7 115.5 149.3 91.1 124.3 76.8 59.0 63.2 109.6 105.3 109.5 109.6 105.3 | C C C C C C C C C C C C C C C C C C C | 991 1490 817 831 676 5642 527 860 1088 790 542 988 588 5333 844 563 800 644 | 142.8 C 218.8 O 116.7 C 135.8 C 91.6 138.6 C 124.3 C 129.1 C 152.6 C 157.3 C 157.8 C 167.8 C 1 |
| Centennial Lane ES Hollifield Station ES Manor Woods ES Northfield ES St Johns Lane ES Waverly ES Region Totals Southeastern Atholton ES Bollman Bridge ES Forest Ridge ES Gorman Crossing ES Guilford ES Hammond ES Laurel Woods ES Region Totals Western Bushy Park ES Clarksville ES Dayton Oaks ES Fulton ES Lisbon ES Pointers Run ES Triadelphia Ridge ES West Friendship ES | 694 681 700 612 A 738 4072 424 666 713 735 465 653 640 4296 788 612 788 788 527 744 581 414 | 694 681 700 612 738 4072 424 666 713 735 653 640 4296 788 612 788 788 788 788 784 744 581 414 | 694 681 700 612 738 4072 424 666 713 735 653 640 4296 788 612 788 788 527 744 581 414 | 694 681 700 612 738 4072 424 666 713 735 653 640 4296 788 788 788 788 788 744 581 414 | 823 1225 721 637 4907 479 739 909 780 471 704 532 4614 551 364 587 982 461 827 634 304 | 118.6 179.9 102.1 117.8 86.3 120.5 113.0 111.0 127.5 106.1 101.3 107.8 83.1 107.4 69.9 59.5 74.5 124.6 83.1 11.2 109.1 11.2 | C 80°°° 133° | 25 11:25 11:17 10:22 11:15 83:32 12: 75 11:53:32 12: 75 11:53:33 11:33: 76 10:44:0 84: 40 84: 40 84: 41:40 84: 42:26 11: 40 84: 41:40 84: 42:40 84: 43:40 84: 44:40 84: 44:40 84: 45:40 84: 46:40 84: 47:40 84: 48:40 84: 48:4 | 3.3.9 C o o o o o o o o o o o o o o o o o o | 833 1487 724 724 737 606 5186 480 781 978 807 470 470 475 4876 520 368 565 1004 456 887 647 647 319 | 120.0 218.4 103.4 120.4 82.1 127.4 113.2 117.3 137.2 109.8 101.1 124.8 85.2 113.5 | C 81100° 1600 7711 60000 7711 6000 7711 6000 7711 6000 7711 6000 7711 6000 7711 6000 7711 6000 7711 6000 7711 6000 7 | 3 117.9 35.8 3 102.6 6 235.8 3 102.6 6 235.8 3 102.6 6 122.1 9.7 122.1 123.1 1 | C 831 C 738 C 538 C 538 C 501 C 501 C 816 C 106 774 542 C 877 553 C 512 C 977 455 C 886 657 3363 | 119.7 119.7 120.8 12 | C C C C C C C | 833 1693 762 754 627 5470 494 827 1085 778 542 5198 554 5198 524 364 478 869 939 478 869 336 | 120.0 248.6 108.9 123.2 85.0 134.3 116.5 124.2 152.2 116.6 140.6 86.6 121.0 66.5 59.5 66.9 119.2 90.7 116.8 112.7 81.2 | C C C C C C C C C C C C C C C C C C C | 869 1692 771 787 643 5567 501 829 1103 796 796 797 929 571 523 365 516 923 524 851 851 851 851 851 851 851 851 851 851 | 125.2 248.5 110.1 128.6 87.1 136.7 118.2 124.5 154.7 108.3 115.5 142.3 89.2 122.6 66.4 59.6 65.5 117.1 199.4 114.4 111.0 82.4 | C C C C C C C C C C C C C C C C C C C | 908 1651 818 809 653 5657 509 840 1102 786 786 537 948 576 5298 560 361 5507 892 538 829 641 345 | 130.8 242.4 116.9 132.2 88.5 138.9 120.0 126.1 154.6 106.9 115.5 145.2 90.0 123.3 71.1 59.0 64.3 113.2 102.1 111.4 110.3 83.3 | C C C C C C C C C C C C C C C C C C C | 947 1574 1574 813 817 659 5638 516 844 1100 784 537 975 583 5339 605 361 498 498 498 498 493 494 494 494 494 494 494 494 494 494 | 136.5 231.1 116.1 133.5 89.3 138.5 121.7 126.7 154.3 106.7 115.5 149.3 91.1 124.3 76.8 59.0 63.2 109.6 105.3 109.5 110.2 83.8 | C C C C C C C C C C C C C C C C C C C | 991 1490 817 831 676 5642 527 860 1088 790 542 988 588 5383 613 358 533 358 533 800 644 347 | 142.8 C 218.8 O 116.7 C 135.8 C 91.6 C 129.1 C 129.1 C 129.1 C 129.1 C 129.1 C 155.3 C 17.8 C |
| Centennial Lane ES Hollifield Station ES Manor Woods ES Northfield ES St Johns Lane ES Waverly ES Region Totals Southeastern Atholton ES Bollman Bridge ES Forest Ridge ES Gorman Crossing ES Guilford ES Hammond ES Laurel Woods ES Region Totals Western Bushy Park ES Clarksville ES Dayton Oaks ES Fulton ES Lisbon ES Pointers Run ES Triadelphia Ridge ES | 694 681 700 612 A 738 4072 424 666 713 735 465 653 653 654 652 788 612 788 612 788 527 748 527 | 694 681 700 612 738 4072 424 666 713 735 465 653 640 4296 788 788 788 788 784 444 544 544 544 | 694 681 700 612 738 4072 424 666 713 735 640 4296 788 612 788 788 581 744 581 414 | 694 681 700 612 738 4072 424 666 713 735 465 653 640 4296 788 788 788 788 788 527 744 541 | 823 1225 715 716 637 479 739 909 780 471 704 532 4614 551 364 587 982 461 827 634 | 118.6 179.9 102.1 117.8 86.3 120.5 113.0 111.0 127.5 106.1 101.3 107.8 83.1 107.4 69.9 59.5 74.5 124.6 87.5 111.2 109.1 73.4 89.9 | C 80°°° 13°° 13°° 13°° 13°° 13°° 13°° 13°° | 25 11:68 2001 17 10:22 11:17 10:22 11:18 13:32 12:18 13:32 12:18 13:32 12:18 13:32 12:18 13:32 12:18 13:32 13:32 12:18 13:32 1 | 2.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 833 1487 724 737 606 5186 480 781 978 807 470 815 545 4876 520 368 565 51004 456 887 647 | 120.0 218.4 103.4 120.4 82.1 127.4 113.2 117.3 137.2 109.8 101.1 124.8 855.2 113.5 66.0 60.1 71.7 127.4 86.5 119.2 111.4 77.1 90.9 | C 8110 C 1600 711 C 744 600 C 528 C 103 753 60 504 504 600 C 999 655 655 655 655 655 655 655 655 655 | 3 117.9 35.8 3 102.6 7 122.1 82.2 129.7 115.6 5 120.9 0 144.5 5 108.2 114.0 11 | C 8310 C 538 C 5012 C 512 C 5012 C 6012 C 60 | 119.7 7 246.3 1 105.4 1 120.8 82.1 118.2 1 123.0 2 148.9 1 105.3 1 116.6 1 134.2 1 134.2 1 134.2 1 134.2 1 134.2 1 134.2 1 13.0 1 134.2 1 134. | C C C C C C C | 833 1693 762 754 627 5470 494 827 1085 778 542 918 554 5198 524 364 527 939 478 869 655 | 120.0 248.6 108.9 123.2 85.0 134.3 116.5 124.2 152.2 105.9 116.6 140.6 86.6 121.0 66.5 59.5 66.9 119.2 90.7 116.8 112.7 | C C C C C C C | 869 1692 771 787 643 5567 501 829 1103 529 537 929 557 5266 537 929 523 5516 923 5566 524 645 | 125.2 248.5 110.1 128.6 87.1 136.7 118.2 124.5 154.7 108.3 115.5 142.3 89.2 122.6 66.4 59.6 65.5 117.1 99.4 114.0 | C C C C C C C C C C C C C C C C C C C | 908 1651 818 809 653 5657 509 840 1102 786 537 948 576 5298 560 361 507 892 538 829 641 | 130.8 242.4 116.9 132.2 88.5 138.9 120.0 126.1 154.6 106.9 115.5 145.2 90.0 123.3 71.1 590.0 64.3 113.2 102.1 111.4 110.3 83.3 89.1 | C C C C C C C C C C C C C C C C C C C | 947 1574 813 817 659 5638 516 844 1100 784 537 975 583 5339 605 361 498 864 555 815 640 | 136.5 231.1 116.1 133.5 89.3 138.5 121.7 126.7 154.3 106.7 115.5 149.3 91.1 124.3 76.8 59.0 63.2 109.6 105.3 109.5 109.6 105.3 | C C C C C C C C C C C C C C C C C C C | 991 1490 817 831 676 55642 527 860 1088 790 1088 5542 988 55383 613 358 533 844 800 644 347 44702 | 142.8 C 218.8 O 116.7 C 135.8 C 91.6 138.6 C 124.3 C 129.1 C 152.6 C 157.3 C 157.8 C 167.8 C 1 |

A: capacity includes additions as reflected in FY 2018 Capital Budget for Grades K-5 in 2018.

NS: New school scheduled to open in August 2018.

C: Constrained for future development

O^{CIP} - Open based on proposed redistricting associated with a capital improvement project

MIDDLE SCHOOLS - MAY 2017 APFO Test

Capacity Utilization Rates with Board of Education's Approved FY 2018 Capital Budget Projects

| Columbia - East 2020 2021 2022 2023 Proj % Util. Proj % U |
|--|
| Lake Eikhorn MS 643 643 643 643 643 643 542 843 542 843 543 844 542 84.3 556 865 562 87.4 576 89.6 579 90.0 583 90.7 579 Region MS Totals 1149 1149 1149 1149 1163 91.6 1043 90.8 1055 91.8 1064 92.6 1066 92.8 1071 93.2 1085 94.4 1094 95.2 1101 95.8 1104 525 Region MS Totals 1149 1149 1149 1149 1163 91.6 1043 90.8 1055 91.8 1064 92.6 1066 92.8 1071 93.2 1085 94.4 1094 95.2 1101 95.8 1104 104 1049 1049 1049 1049 1049 1049 |
| Columbia - West Harpers Choice MS 506 50 |
| Region MS Totals 1149 1149 1149 1149 1149 1149 1053 91.6 1043 90.8 1055 91.8 1064 92.6 1066 92.8 1071 93.2 1085 94.4 1094 95.2 1101 95.8 1104 Columbia - West |
| Columbia - West Harpers Choice MS |
| Harpers Choice MS 506 506 506 506 639 126.3 C 660 130.4 C 630 124.5 C 627 123.9 C 615 121.5 C 616 121.7 C 617 121.9 C 613 121.1 C 620 122.5 C 626 Wilde Lake MS 760 760 760 760 760 669 88.0 700 92.1 739 97.2 755 99.3 821 108.0 877 115.4 C 922 121.3 C 950 125.0 C 956 125.8 C 971 Region MS Totals 1266 1266 1266 1266 1266 1266 1308 103.3 1360 107.4 1369 108.1 1382 109.2 1436 113.4 1493 117.9 1539 121.6 1563 123.5 1576 124.5 1597 Northeastern Bonnie Branch MS 662 662 662 662 662 757 114.4 737 111.3 750 113.3 779 117.7 C 790 119.3 C 805 121.6 C 813 122.8 C 833 125.8 C 844 127.5 C 865 Elkridge Landing MS 779 779 779 779 779 679 87.2 703 90.2 707 90.8 738 94.7 735 94.4 742 95.3 754 96.8 781 100.3 811 104.1 817 Ellicott Mills MS A 701 701 701 701 905 129.1 C 921 131.4 C 902 128.7 C 899 128.2 C 857 100.0 825 96.3 809 94.4 824 96.1 875 102.1 901 Mayfield Woods MS 798 798 798 798 798 906 113.5 948 118.8 C 963 120.7 C 969 121.4 C 995 124.7 C 978 122.6 C 989 122.6 C 989 122.0 C 974 122.1 C 984 123.3 C 989 Thomas Viaduct MS 701 701 701 701 895 127.7 C 923 131.7 C 949 135.4 C 1037 147.9 C 1125 160.5 C 1210 172.6 C 1245 177.6 C 1282 182.9 C 1292 184.3 C 1292 Region MS Totals 364 364 364 364 364 364 727 113.1 765 119.0 C 758 117.9 C 762 118.5 C 758 117.9 C 778 121.0 C 793 123.3 C 799 124.3 C 802 124.7 C 799 Region MS Totals 1987 1987 2084 2084 2276 114.5 2367 119.1 2381 114.3 2437 116.9 2455 117.8 2521 121.0 2543 122.0 2612 125.3 2659 127.6 2676 |
| Harpers Choice MS 506 506 506 506 639 126.3 C 660 130.4 C 630 124.5 C 627 123.9 C 615 121.5 C 616 121.7 C 617 121.9 C 613 121.1 C 620 122.5 C 626 Wilde Lake MS 760 760 760 760 760 669 88.0 700 92.1 739 97.2 755 99.3 821 108.0 877 115.4 C 922 121.3 C 950 125.0 C 956 125.8 C 971 Region MS Totals 1266 1266 1266 1266 1266 1308 103.3 1360 107.4 1369 108.1 1382 109.2 1436 113.4 1493 117.9 1539 121.6 1563 123.5 1576 124.5 1597 Northeastern Bonnie Branch MS 662 662 662 662 662 757 114.4 737 111.3 750 113.3 779 117.7 C 790 119.3 C 805 121.6 C 813 122.8 C 833 125.8 C 844 127.5 C 865 Elkridge Landing MS 779 779 779 779 779 779 679 87.2 703 90.2 707 90.8 738 94.7 735 94.4 742 95.3 754 96.8 781 100.3 811 104.1 817 Ellicott Mills MS A 701 701 701 701 905 129.1 C 921 131.4 C 902 128.7 C 899 128.2 C 857 100.0 825 96.3 809 94.4 824 96.1 875 102.1 901 Mayfield Woods MS 798 798 798 798 798 906 113.5 948 118.8 C 963 120.7 C 969 121.4 C 995 122.6 C 989 122.6 C 989 122.6 C 989 122.0 C 974 122.1 C 984 123.3 C 989 Thomas Viaduct MS 701 701 701 701 895 127.7 C 923 131.7 C 949 135.4 C 1037 147.9 C 1125 160.5 C 1210 172.6 C 1245 177.6 C 1282 182.9 C 1292 184.3 C 1292 Region MS Totals 3641 3641 3641 3641 3641 3641 3641 3641 |
| Region MS Totals 1266 12 |
| Northeastern Bonnie Branch MS 662 662 662 662 662 757 114.4 737 111.3 750 113.3 779 117.7 C 790 119.3 C 805 121.6 C 813 122.8 C 833 125.8 C 844 127.5 C 865 Elkridge Landing MS 779 779 779 779 679 87.2 703 90.2 707 90.8 738 94.7 735 94.4 742 95.3 754 96.8 781 100.3 811 104.1 817 Ellicott Milk MS A 701 701 701 701 701 905 129.1 C 921 131.4 C 902 128.7 C 899 128.2 C 857 100.0 825 96.3 809 94.4 824 96.1 875 102.1 901 Mayfield Woods MS 798 798 798 798 906 113.5 948 118.8 C 963 120.7 C 969 121.4 C 995 124.7 C 978 122.6 C 989 123.9 C 974 122.1 C 984 123.3 C 989 Thomas Viaduct MS 701 701 701 701 701 895 127.7 C 923 131.7 C 949 135.4 C 1037 147.9 C 1125 160.5 C 1210 172.6 C 1245 177.6 C 1282 182.9 C 1292 184.3 C 1292 Region MS Totals 3641 3641 3641 3641 31.1 C 929 119.3 C 949 121.8 C 986 126.6 C 1025 131.6 C 1076 138.1 C 1096 140.7 C 1138 146.1 C 1156 148.4 C 1164 Dunloggin MS A 565 565 662 662 652 115.4 C 673 119.1 C 674 101.8 689 104.1 672 101.5 667 100.8 654 98.8 675 102.0 701 105.9 713 Patapsoo MS 643 643 643 643 643 727 113.1 765 119.0 C 758 117.9 C 762 118.5 C 758 117.9 C 778 121.0 C 793 123.3 C 799 124.3 C 802 124.7 C 799 Region MS Totals 1987 1987 2084 2084 2276 114.5 2367 119.1 2381 114.3 2437 116.9 2455 117.8 2521 121.0 2543 122.0 2612 125.3 2659 127.6 2676 |
| Bonnie Branch MS 662 662 662 662 662 757 114.4 737 111.3 750 113.3 779 117.7 C 790 119.3 C 805 121.6 C 813 122.8 C 833 125.8 C 844 127.5 C 865 Elkridge Landing MS 779 779 779 779 779 679 87.2 703 90.2 707 90.8 738 94.7 735 94.4 742 95.3 754 96.8 781 100.3 811 104.1 817 104.1 |
| Bonnie Branch MS 662 662 662 662 662 757 114.4 737 111.3 750 113.3 779 117.7 C 790 119.3 C 805 121.6 C 813 122.8 C 833 125.8 C 844 127.5 C 865 Elkridge Landing MS 779 779 779 779 779 679 87.2 703 90.2 707 90.8 738 94.7 735 94.4 742 95.3 754 96.8 781 100.3 811 104.1 |
| Elkridge Landing MS 779 779 779 779 779 779 779 779 87.2 703 90.2 707 90.8 738 94.7 735 94.4 742 95.3 754 96.8 781 100.3 811 104.1 817 Ellicott Mills MS A 701 701 701 701 701 701 905 129.1 C 921 131.4 C 902 128.7 C 899 128.2 C 857 100.0 825 96.3 809 94.4 824 96.1 875 102.1 991 Mayfield Woods MS 798 798 798 798 906 113.5 948 118.8 C 963 120.7 C 969 121.4 C 995 124.7 C 978 122.6 C 989 123.9 C 974 122.1 C 984 123.3 C 999 Thomas Viaduct MS 701 701 701 701 895 127.7 C 923 131.7 C 949 135.4 C 1037 147.9 C 1125 160.5 C 1210 172.6 C 1245 177.6 C 1282 182.9 C 1292 184.3 C 1292 Region MS Totals 3641 3641 3641 3641 3641 318 4232 116.2 4271 117.3 4422 121.5 4502 118.6 4560 120.1 4610 121.4 4694 123.6 4806 126.6 4864 Northern Burleigh Manor MS 779 779 779 779 779 897 115.1 C 929 119.3 C 949 121.8 C 986 126.6 C 1025 131.6 C 1076 138.1 C 1096 140.7 C 1138 146.1 C 1156 148.4 C 1164 Dunloggin MS A 565 565 662 662 652 115.4 C 673 119.1 C 674 101.8 689 104.1 672 101.5 667 100.8 654 98.8 675 102.0 701 105.9 713 Patapsco MS 643 643 643 643 643 727 113.1 765 119.0 C 758 117.9 C 762 118.5 C 758 117.9 C 778 121.0 C 793 123.3 C 799 124.3 C 802 124.7 C 799 Region MS Totals 1987 1987 2084 2084 2276 114.5 2367 119.1 2381 114.3 2437 116.9 2455 117.8 2521 121.0 2543 122.0 2612 125.3 2659 127.6 2676 |
| Ellicott Mills MS A 701 701 701 701 701 905 129.1 C 921 131.4 C 902 128.7 C 899 128.2 C 857 100.0 825 96.3 809 94.4 824 96.1 875 102.1 901 Mayfield Woods MS 798 798 798 798 798 906 113.5 948 118.8 C 963 120.7 C 969 121.4 C 995 124.7 C 978 122.6 C 989 123.9 C 974 122.1 C 984 123.3 C 989 120.7 C 969 121.4 C 995 124.7 C 978 122.6 C 1282 182.9 C 1292 184.3 C 1292 Region MS Totals 3641 3641 3641 3641 3641 3641 3641 3641 |
| Mayfield Woods MS 798 798 798 798 798 798 906 113.5 948 118.8 C 963 120.7 C 969 121.4 C 995 124.7 C 978 122.6 C 989 123.9 C 974 122.1 C 984 123.3 C 989 Thomas Viaduct MS 701 701 701 701 701 895 127.7 C 923 131.7 C 949 135.4 C 1037 147.9 C 1125 160.5 C 1210 172.6 C 1245 177.6 C 1282 182.9 C 1292 184.3 C 1292 Region MS Totals 3641 3641 3641 3641 4142 113.8 4232 116.2 4271 117.3 4422 121.5 4502 118.6 4560 120.1 4610 121.4 4694 123.6 4806 126.6 4864 123.6 MS 709 779 779 779 779 779 779 779 779 779 |
| Thomas Viaduct MS 701 701 701 701 895 127.7 C 923 131.7 C 949 135.4 C 1037 147.9 C 1125 160.5 C 1210 172.6 C 1245 177.6 C 1282 182.9 C 1292 184.3 C 1292 Region MS Totals 3641 3641 3641 3641 3641 4142 113.8 4232 116.2 4271 117.3 4422 121.5 4502 118.6 4560 120.1 4610 121.4 4694 123.6 4806 126.6 4864 Northern Burleigh Manor MS 779 779 779 779 779 897 115.1 C 929 119.3 C 949 121.8 C 986 126.6 C 1025 131.6 C 1076 138.1 C 1096 140.7 C 1138 146.1 C 1156 148.4 C 1164 Dunloggin MS A 565 565 662 662 652 115.4 C 673 119.1 C 674 101.8 689 104.1 672 101.5 667 100.8 654 98.8 675 102.0 701 105.9 713 Patapseo MS 643 643 643 643 727 113.1 765 119.0 C 758 117.9 C 762 118.5 C 758 117.9 C 778 121.0 C 793 123.3 C 799 124.3 C 802 124.7 C 799 Region MS Totals 1987 1987 2084 2084 2276 114.5 2367 119.1 2381 114.3 2437 116.9 2455 117.8 2521 121.0 2543 122.0 2612 125.3 2659 127.6 2676 |
| Region MS Totals 3641 3641 3641 3641 3641 4142 113.8 4232 116.2 4271 117.3 4422 121.5 4502 118.6 4560 120.1 4610 121.4 4694 123.6 4806 126.6 4864 Northern Burleigh Manor MS 779 779 779 779 779 779 897 115.1 C 929 119.3 C 949 121.8 C 986 126.6 C 1025 131.6 C 1076 138.1 C 1096 140.7 C 1138 146.1 C 1156 148.4 C 1164 Dunloggin MS A 565 565 662 662 652 115.4 C 673 119.1 C 674 101.8 689 104.1 672 101.5 667 100.8 654 98.8 675 102.0 701 105.9 713 Patapsco MS 643 643 643 643 727 113.1 765 119.0 C 758 117.9 C 762 118.5 C 758 117.9 C 778 121.0 C 793 123.3 C 799 124.3 C 802 124.7 C 799 Region MS Totals 1987 1987 2084 2084 2276 114.5 2367 119.1 2381 114.3 2437 116.9 2455 117.8 2521 121.0 2543 122.0 2612 125.3 2659 127.6 2676 |
| Northern Burleigh Manor MS 779 779 779 779 779 779 897 115.1 C 929 119.3 C 949 121.8 C 986 126.6 C 1025 131.6 C 1076 138.1 C 1096 140.7 C 1138 146.1 C 1156 148.4 C 1164 Dunloggin MS A 565 565 662 662 652 115.4 C 673 119.1 C 674 101.8 689 104.1 672 101.5 667 100.8 654 98.8 675 102.0 701 105.9 713 Patapsco MS 643 643 643 643 727 113.1 765 119.0 C 758 117.9 C 762 118.5 C 758 117.9 C 778 121.0 C 793 123.3 C 799 124.3 C 802 124.7 C 799 Region MS Totals 1987 1987 2084 2084 2276 114.5 2367 119.1 2381 114.3 2437 116.9 2455 117.8 2521 121.0 2543 122.0 2612 125.3 2659 127.6 2676 |
| Burleigh Manor MS 779 779 779 779 779 779 779 779 779 77 |
| Dunloggin MS A 565 565 662 662 662 652 115.4 C 673 119.1 C 674 101.8 689 104.1 672 101.5 667 100.8 654 98.8 675 102.0 701 105.9 713 Patapsco MS 643 643 643 643 727 113.1 765 119.0 C 758 117.9 C 762 118.5 C 758 117.9 C 778 121.0 C 793 123.3 C 799 124.3 C 802 124.7 C 799 Region MS Totals 1987 1987 2084 2084 2276 114.5 2367 119.1 2381 114.3 2437 116.9 2455 117.8 2521 121.0 2543 122.0 2612 125.3 2659 127.6 2676 |
| Patapsco MS 643 643 643 643 727 113.1 765 119.0 C 758 117.9 C 762 118.5 C 758 117.9 C 778 121.0 C 793 123.3 C 799 124.3 C 802 124.7 C 799 Region MS Totals 1987 1987 2084 2084 2276 114.5 2367 119.1 2381 114.3 2437 116.9 2455 117.8 2521 121.0 2543 122.0 2612 125.3 2659 127.6 2676 |
| Region MS Totals 1987 1987 2084 2084 2276 114.5 2367 119.1 2381 114.3 2437 116.9 2455 117.8 2521 121.0 2543 122.0 2612 125.3 2659 127.6 2676 |
| |
| Southeastern |
| |
| Hammond MS 604 604 604 604 604 604 114.9 737 122.0 C 799 132.3 C 818 135.4 C 836 138.4 C 876 145.0 C 886 146.7 C 895 148.2 C 880 145.7 C 896 |
| Murray Hill MS 662 662 662 662 662 766 115.7 C 756 114.2 712 107.6 712 107.6 747 112.8 752 113.6 781 118.0 C 769 116.2 C 784 118.4 C 757 |
| Patuxent Valley MS 760 760 760 760 760 82 707 93.0 744 97.9 768 101.1 782 102.9 785 103.3 815 107.2 851 112.0 863 113.6 879 |
| Region MS Totals 2026 2026 2026 2026 2026 2026 108.9 2200 108.6 2255 111.3 2298 113.4 2365 116.7 2413 119.1 2482 122.5 2515 124.1 2527 124.7 2532 |
| Western |
| Clarksville MS 643 643 643 643 649 96.3 575 89.4 537 83.5 508 79.0 533 82.9 537 83.5 549 85.4 544 84.6 539 83.8 529 |
| Folly Quarter MS 662 662 662 662 667 100.8 668 100.9 662 100.0 670 101.2 688 103.9 686 103.6 684 103.3 668 100.9 667 100.8 674 |
| Genwood MS 545 545 545 545 602 110.5 593 108.8 560 102.8 565 103.7 575 105.5 605 111.0 606 111.2 608 111.6 620 113.8 622 |
| Lime Kiln MS 701 701 701 701 801 114.3 830 118.4 C 838 119.5 C 854 121.8 C 864 123.3 C 892 127.2 C 892 127.2 C 860 122.7 C 849 |
| Mount View MS 798 798 798 798 829 103.9 866 108.5 912 114.3 958 120.1 C 996 124.8 C 1004 125.8 C 1039 130.2 C 1036 129.8 C 1050 131.6 C 1063 |
| Region MS Totals 3349 3349 3349 3349 3518 105.0 3532 105.5 3509 104.8 3555 106.2 3656 109.2 3724 111.2 3777 112.8 3748 111.9 3736 111.6 3737 |
| |

A: capacity includes additions as reflected in FY 2018 Capital Budget for Grades 6-8 between 2018 and 2025. C: Constrained for future development

Partially and Fully Funded Projects in Process

| Project Name | | Project Number | Appropriation | Proposed Completion | Project Status |
|--------------|--|-------------------|--------------------------------|---------------------|---|
| Planning | Talbott Springs ES Replacement Oakland Mills MS Renovation* | E1043 E1036 | \$ 1,000,000 \$ - | 2021 2021 | Planning. Planning. |
| Construction | Waverly ES Renovation/Addition* New ES #42 | E0973 E1028 | \$ 32,455,000 \$ 35,741,000 | 2018 2018 | Under construction. Under construction. |

^{*} Planning funds appropriated under E-0980.

Facilities Constructed With Assistance From Maryland School Construction Funds (1980–2017)

| Completion (School year) | Elementary | Middle | High | Special |
|-----------------------------|------------------------|----------------------------|------------------------|------------|
| 1980–1981 | Liementary | Middle | Thigh | Special |
| 1981–1982 | | | | Cedar Lane |
| 1988–1989 | Bollman Bridge | | | |
| 1989–1990 | | Patuxent Valley | | |
| | Deep Run | , | | |
| 1990–1991 | Waverly | | | |
| 1991–1992 | Pointers Run | Mayfield Woods | | |
| | Elkridge | Burleigh Manor | | |
| 1992–1993 | Forest Ridge | | | |
| 1993–1994 | Rockburn | Mount View | | |
| 1994–1995 | Manor Woods | | River Hill | |
| 1995–1996 | | Elkridge Landing | | |
| | Ilchester | | Long Reach | |
| 1996–1997 | | | Wilde Lake Replacement | |
| | Fulton | Murray Hill | | |
| 1997–1998 | Hollifield Station | | | |
| | Gorman Crossing | | | |
| 1998–1999 | Triadelphia Ridge | | | |
| 1000 0000 | | Bonnie Branch | | |
| 1999–2000 | | Lime Kiln | | |
| 2001–2002 | | Ellicott Mills Replacement | | |
| 2002–2003 | | | Reservoir | Homewood |
| 2003–2004 | Bellows Spring | Folly Quarter | | |
| 2005–2006 | | | Marriotts Ridge | Cedar Lane |
| 2006–2007 | Dayton Oaks | | | |
| 2007 2000 | Veterans | | | |
| 2007–2008 | Bushy Park Replacement | | | |
| 2013–2014 | Ducketts Lane | | | |
| 2014–2015 | | Thomas Viaduct | | |
| 2016-2017 | | Wilde Lake MS* | | |

^{*} Replacement School

Additions/Renovations Constructed with Assistance From Maryland School Construction Funds (1980–2017) Completion (School year) Middle Elementary High **Special** 1980-1981 Atholton 1981-1982 Clarksville Waterloo 1983-1984 Guilford 1985-1986 Mt. Hebron 1986-1987 Guilford School of Technology 1987-1988 Atholton 1991-1992 Oakland Mills Northfield Owen Brown 1994-1995 Centennial Lane Dasher Green Wilde Lake 1995-1996 Oakland Mills 1996-1997 Hammond Hammond Swansfield Dunloggin 1998-1999 Jeffers Hill Waterloo **Ilchester** Pointers Run 2000-2001 St. John's Lane **Talbott Springs** Forest Ridge 2001-2002 Pointers Run Atholton Centennial 2002-2003 Clarksville Hollifield Station 2003-2004 Fulton Patapsco Atholton Manor Woods Clarksville Mt. Hebron 2004-2005 Rockburn Oakland Mills Clarksville Howard **Fulton** 2006-2007 Pointers Run Triadelphia Ridge All Day K All Day K Waverly 2007-2008 Centennial Lane Clarksville All Day K Clarksville Glenelg 2008-2009 Centennial Lane Worthington All Day K Clemens Crossing 2009-2010 Waterloo 2010-2011 Northfield Hammond Hammond Hammond 2011-2012 Bellows Spring Centennial 2012-2013 Thunder Hill Bollman Bridge Gorman Crossing 2013-2014 Phelps Luck

2014-2015

2015-2016

2016-2017

Stevens Forest

Running Brook Longfellow

Laurel Woods

Patuxent Valley MS

Atholton

Glossary of Terms

ADA: Americans with Disabilities Act.

ADDITION (SCHOOL): Any type of space that adds capacity or provides space for a new program.

BUILDING: A structure, either permanent or relocatable, consisting of constructed walls, a roof, and a floor. A structure that has the same floors, ceiling, and walls and is not separated by an open air space is considered one building.

PERMANENT: A structure built with a fixed foundation that has permanently attached walls, a roof, and a floor that cannot be moved or transported either as a unit or in sections.

RELOCATABLE: A building or portion of a building made up of prefabricated units that may be disassembled and reassembled, or a single unit of construction consisting of walls, roof, and floor that is movable as a unit either on wheels or by truck. Mobile, demountable, dividable, modular, and portable buildings are types of relocatable units.

CAFETORIUM: A space within an educational facility that is used as both a cafeteria and an auditorium.

CAPACITY: Number of students that may be housed in a facility at any given time based on a utilization percentage of the total number of existing satisfactory student stations.

CIP: Capital Improvement Program.

CLASSROOM: An instructional space requiring no special design or equipment and used for housing general programs such as language arts, social studies, and mathematics.

CLEAN AIR ACT: This program includes projects to convert or replace cooling equipment in school facilities so that they will no longer use ozone-depleting refrigerants.

COMAR: Code of Maryland Regulations.

COURTYARD: A large open space, usable by the student body or faculty, enclosed or surrounded by buildings.

COVERED WALKWAY: Enclosed or unenclosed covered passageways connected to a building outside the exterior walls.

EDUCATIONAL FACILITIES: Buildings and equipment, structures, and special educational use areas that are built, installed, or established to serve primarily educational purposes and secondarily social and recreational purposes of the community.

FEASIBILITY STUDY: The examination and analysis of information related to projected educational facilities to determine whether they are reasonable and possible.

FY: Fiscal Year.

G.S.F.: Gross Square Feet.

GYMNASIUM: An instructional area designed or adapted specifically for physical education activities. Regular or special classrooms connected to, or contained in, gymnasiums are recorded individually as regular or special classrooms and not as part of the gymnasium.

HVAC: Heating, ventilation, air conditioning, and refrigeration.

KINDERGARTEN CLASSROOM: A special classroom designed or provided with special built-in equipment for use by a group or class organized to provide educational experiences for children preceding the first grade. Room must not be located above the first floor and must have self-contained rest rooms.

Glossary of Terms

LABORATORY: An instructional area designed for and furnished with specialized equipment to serve the needs of a particular program of study. Included in this category are science laboratories, language laboratories, reading laboratories, and vocational/technology laboratories.

LEED: Leadership in Energy and Environmental Design is a green building certification program.

LIMITED RENOVATION (LR): Includes projects that upgrade or replace a minimum of five major building systems and include widespread educational or architectural enhancements in schools or part(s) of schools that have been in use for more than 15 years. A limited renovation upgrades an existing building and site, or a portion of a building and site, to achieve many, but not all, of the current educational, building performance, and aesthetic qualities of a new school. A limited renovation allows further participation by the state within 15 years after the project is placed in service for projects that were not included in the original awarded scope of the Limited Renovation.

MAINTENANCE AND REPAIRS: The upkeep of educational and ancillary plants, including, but not limited to, roof or roofing replacement short of complete replacement of membrane or structure; repainting of interior or exterior surfaces; resurfacing of floors; repair or replacement of glass; repair of hardware, furniture, equipment, electrical fixtures, and plumbing fixtures; and repair or resurfacing of parking lots, roads, and walkways. "Maintenance and repair" will not include renovations except for the replacement of equipment with new equipment of equal systems meeting current code requirements, provided that the replacement item neither places increased demand upon utilities services or structural supports nor adversely affects the function of safety to life systems.

MEDIA CENTER: An area specifically designed or adapted as a place for studying, reading, and the custody, circulation, and administration of a collection of books, manuscripts, and periodicals kept for use by the student body.

MULTIPURPOSE ROOM: An instructional area designed or adapted specifically for two or more of the combined functions that might normally be used for assemblies, physical education, lunch, music, clubs, audiovisual work, and library services. Separate cafetoriums are not classified as multipurpose rooms.

MUSIC ROOM: An instructional area designed or provided with special built-in equipment for learning activities involving choral and instrumental music.

NEW CONSTRUCTION: Any construction of a building or unit of a building in which the entire work is new or an entirely new addition connected to an existing building or which adds additional square footage to the space inventory.

N.S.F.: Net Square Feet.

PARCEL: The unique acreage of contiguous land. Typically consists of a plot of land that is not divided by a county, city, state, or federally owned or maintained road or highway.

PROJECT FEASIBILITY STUDY: A project and site evaluation study to determine the suitability of the site for the project in question. A pre-design architectural study which may look at various scenarios before an architect is engaged to design the renovation or new construction.

PUBLIC SCHOOL CONSTRUCTION PROGRAM (PSCP): The Maryland Public School Construction Program funds the cost of constructing certain school capital improvements or portions thereof up to the extent of the approvals by the Board of Public Works and consistent with the current regulations, subject to annual appropriations.

Glossary of Terms

RENOVATION: The rejuvenating or upgrading of existing facilities by installation or replacement of materials and equipment and includes, but is not limited to, interior or exterior reconditioning of facilities and spaces; air-conditioning, heating, and/or ventilation equipment; fire alarm systems; emergency lighting; electrical systems; and complete roofing or roof replacement, including replacement of membrane or structure. (In this context, the term "materials" does not include instructional materials.) PSCP distinguishes between different types of renovations, depending upon their scope.

REPLACEMENT: Projects to replace the majority or the entirety of an existing school where the cost of renovation is prohibitive, or site/building layout and other technical factors make renovation of the entire structure infeasible. Replacement may include expansion to increase capacity, and must typically be justified on the basis of a feasibility study.

RESOURCE ROOM: An instructional space used primarily to enhance and support, not supplant, instruction received in regular or special classrooms. Generally designed to accommodate fewer students than other classrooms.

ROOM: A space enclosed on all sides. Alcoves or recesses are not considered separate rooms and should be included in the NSF of the room where such spaces are found.

SITE: A space of ground occupied or to be occupied by an educational facility or program.

SITE DEVELOPMENT: Site development means work that must be performed on an unimproved site in order to make it usable for the desired purpose; or, work incidental to new construction or to make an addition usable.

SITE IMPROVEMENT: The work that must be performed on an existing site to improve its utilization, correct health and safety deficiencies meet special program needs or provide additional service areas. Site improvement incident to

construction is the work that must be performed on a site as an accompaniment to the construction of an addition to an educational facility or for a modernization project.

USGBC: U.S. Green Building Council administers the LEED building program which certifies green buildings.



BOARD OF EDUCATION POLICY 6020 SCHOOL PLANNING/SCHOOL CONSTRUCTION PROGRAMS

Effective: August 14, 2014

I. Policy Statement

The Board of Education is responsible for providing safe, engaging and supportive educational and work environments for all students and staff. The Board recognizes the continuing need to plan, design, and construct new educational facilities and to renovate or make additions to existing schools that are in accordance with all applicable code, as well as Maryland and federal law. Fulfilling this responsibility requires a comprehensive program that monitors population trends, enrollment trends, educational program spatial requirements, cost/benefit considerations, technologies that support environmentally responsible construction, and an annual six-year capital improvement program.

II. Purpose

The purpose of the policy is to establish guidelines for the administration of the School Planning and the School Construction programs.

III. Definitions

Within the context of this policy, the following definitions apply:

- A. Architect/Engineering Firm (A/E) A designation usually reserved by law for a person or organization professionally qualified and duly licensed to perform architectural and/or engineering services including, but not necessarily limited to, analysis of project requirements; creation and development of the project design; preparation of drawings, specifications, and bidding requirements; and general administration of the construction contract.
- B. Beneficial Occupancy The use by the owner of a project or portion thereof before all the terms of the contract are complete.
- C. Bid The price a contractor commits to for constructing a project.
- D. Bid Procedures Criteria to determine the award of a contract pursuant to Policy 4050 Procurement of Capital Materials, Supplies, Equipment and Services.
- E. Bonds General obligation documents issued by the county to borrow money to fund capital projects.

- F. Capital Improvement Program (CIP) All capital improvements listed as part of the Board's annual approved capital budget.
- G. Capital Improvement Project Any physical betterment or improvement and any preliminary studies and surveys relative thereto, including but not limited to, any property of a permanent nature, and equipment needed in connection with such improvement when first erected or acquired.
- H. Change Order A written document to the contractor signed by the owner and engineer or architect, issued after the execution of the contract, authorizing a change in the work or an adjustment in the contract sum.
- I. Construction Manager (CM) A person or organization hired to coordinate and manage the construction phases of a project with the objective of minimizing project construction time and cost while maintaining the quality, function, and aesthetics of the building.
- J. Design Stages The three phases of an architect's basic services, which include:
 - 1. Schematic Design (SD) the first phase of the architect's basic services. In this phase, the architect meets with the project planning team to ascertain the requirements of the project and prepares schematic design studies consisting of drawings and other documents illustrating the scale and relationship of the project components for approval by the Board. A statement of probable construction cost is also submitted at this time.
 - 2. Design Development (DD) the second phase of the architect's basic services. In this phase the architect prepares, from the approved schematic design studies, the design development documents for approval by the Board. These design documents consist of drawings and other documents to fix and describe the size and character of the entire project as to structural, mechanical and electrical systems, materials and other essentials as may be appropriate. The architect also submits to the Board a further statement of probable construction costs.
 - 3. Construction Documents (CD) the third phase of the architect's basic services. In this phase the architect prepares, from the approved design development documents, the working drawings, specifications, and necessary bidding information for approval by the Board. A final cost estimate is prepared before the project is bid.
- K. Facility Design Plans, elevations, sections, and other drawings and specifications that may be necessary for a building or other structure.

- L. Facility Planning Educational and architectural planning and analysis used to produce and design the concept for school projects.
- M. Final Occupancy The point at which all or a designated portion of a building complies with the provisions of a contract and all applicable county and state statutes and regulations.
- N. Interagency Committee on School Construction (IAC) The state agency responsible for the review/approval of construction documents and funding of schools or school construction projects.
- O. Office of Safety, Environment and Risk Management The office that is responsible for reviewing and monitoring the design and construction phases related to environmental initiatives, such as Integrated Pest Management (IPM), Indoor Air Quality (IAQ), and Asbestos Abatement.
- P. Office of School Construction The office that is responsible for all phases of planning, design and construction of new schools as well as additions to and comprehensive modernization of existing schools, from planning through occupancy.
- Q. Office of School Planning The office that is responsible for projecting needs based on demographics for the purpose of assisting the Superintendent in the development of the Capital Improvement Program.
- R. Punch List List made near the completion of work, indicating items to be furnished or work to be performed by the contractor or subcontractor in order to complete the work as specified in the contract documents.
- S. State of Maryland Public School Construction Program (PSCP) Program that provides for the funding of public school construction.
- T. Sustainable Design Design that seeks to reduce negative impacts on the environment and the health and comfort of building occupants, thereby improving building performance. The objectives of sustainability are to reduce consumption of non-renewable resources, minimize waste, and create healthy, productive environments.
- U. Warranty/Guarantee Period Period of time in which the quality of work and/or satisfactory performance is guaranteed.

IV. Standards

- A. This policy and associated implementation procedures apply to the capital improvement projects that are listed as part of the Board's annual approved capital budget requiring contracts and consultant agreements.
- B. The Howard County Public School System (HCPSS) employs sustainable design construction that supports educational program needs and creates a safe and nurturing environment for students and staff within allotted budgetary resources.
- C. The school planning/school construction program involves a sequential plan of action and is divided into ten general categories, each requiring professionally trained and experienced staff to plan and carry out the requirements of the program consistent with the Superintendent's Safety Guidelines for Renovation and Construction Projects and all applicable regulations.
 - 1. Long-Range Planning and Student Population Projection
 - a. This category involves the annual projection of pupil population and general population growth by the Office of School Planning. Short-range demographic studies to support the Capital Improvement Program, school attendance area studies, transportation planning, and other special needs are also included.
 - b. By state regulation the Board is also required to develop, maintain, and annually update a master plan for the school system for submission to the IAC. This plan has as its basis a variety of population studies which guide the decision making for school facilities on both a long and short-term basis.

2. Capital Improvement Program

- a. The Capital Improvement Program is a projection of the school facility needs for the next fiscal year (Capital Budget) and the following five-year period. The Capital Improvement Program is based on needs to support the educational program of the system with new schools, modernizations, and other construction projects.
- b. The local Capital Improvement Program serves as the basis for state funding requests through the Interagency Committee for School Construction and the State of Maryland Public School Construction Program.

3. Site Selection

Procedures for site selection and summarization of site size criteria for elementary, middle and high schools are addressed in Policy 6000 Site Selection and Acquisition. As part of the selection process, the Office of School Construction produces studies including site layouts and environmental assessments.

4. Architect/Engineering Firm and Construction Manager Selection

Procedures for architectural/engineering and construction management services selection are addressed in Policy 6030 Procurement of Architectural/Engineering and Construction Management Services.

5. Facility Planning and Facility Design

The facility planning and design process allows for orderly and systematic design of school facilities. This process is conducted using either the Board-approved General Elementary Educational Specifications for New Schools, General Educational Specifications for New Howard County Middle Schools, General Educational Specifications High Schools, or the Board approved Guidelines Manual for Renovations and Modernizations of Existing Schools as the basic references for the facility in question. These documents describe the basic educational philosophy, instructional program, and spatial requirements needed to implement the planning and construction program.

6. Bid and Award

The bid and award procedures for school construction projects conform to those used for the procurement of other goods and services which are addressed in Policy 4050. In addition, these procedures comply with the requirements of the State of Maryland Public School Construction Program.

7. Contract and Construction Administration

The Office of School Construction is responsible for monitoring construction work and administering the schedule, budget, and change orders that affect the scope and/or cost of the work. A school construction progress report which includes these topics is submitted monthly to the Board.

In accordance with the provisions of Policy 6030, a construction manager may be hired to manage the construction process.

8. Official Acceptance of Capital Improvement Projects

Capital improvement projects may be designed to be accepted in stages or upon total completion of work, based on staff recommendation to and approval by the Board.

9. Post-Acceptance Evaluation

Use, occupancy, and evaluation by staff may occur only after the project has been officially accepted. The Board will receive a final report following the walk-through.

10. Temporary and Relocatable Facilities

Relocatable classroom units should be considered under the following conditions and within the context of Policy 6010 School Attendance Areas:

- a. Where school population growth occurs
- b. Where school capacity is near maximum
- c. When boundary lines are adjusted
- d. Where population is projected to remain high for at least one year
- e. Where school construction or renovation projects require the provision of swing space to accommodate the student population and minimize the impact on instruction.

Where excess population is projected to remain beyond four years, consideration should be given to an addition or new construction.

D. To the extent possible, school facilities and sites should be available for after school use by the community. The possibility of joint use development of school and recreational facilities, including joint construction of school and recreational space, is encouraged on a case-by-case basis.

V. Compliance

- A. The Superintendent/Designee is responsible for the administration of the school planning and construction programs.
- B. The Office of School Planning and the Office of School Construction are responsible for collaboration in order to obtain the efficient implementation of this policy.
- C. For Capital Improvement Projects, the Principal is responsible for communicating project information to the parent community in a timely manner.

VI. Delegation of Authority

The Superintendent is authorized to develop appropriate procedures to implement this policy.

VII. References

A. Legal

The Annotated Code of Maryland, Education Article

- § 3-602.1 (requirements to design high performance buildings)
- § 4-115 (right to acquire land, school sites or buildings)
- § 4-116 (land use approval procedures)
- § 4-117 (construction and remodeling conformance to state and county building codes)
- § 5-301 (Board of Public Works role and procedures in school construction)
- § 5-302 (composition and role of the IAC in school construction)
- § 5-303 (procedure for determining the cost of renovating existing schools)
- § 5-312 (state funding support related to high performance buildings)
- § 7-108 (guidelines for community use of public school facilities)
- § 7-109 (use of public school facilities as day care centers)
- COMAR 13A.01.02.03 (requirements for obtaining State Superintendent's approval for school construction projects)
- COMAR 15.05.02 (regulations pertaining to integrated Pest Management and Notification of Pesticide Use in a Public School Building or on School Grounds)

Americans with Disabilities Act (ADA)

Occupational Safety and Health Act (OSHA)

Maryland Occupational Safety and Health Act (MOSHA)

B. Other Board Policies

| Policy 4050 | Procurement of Capital Materials, Supplies, Equipment, |
|-------------|--|
| | and Services |

Policy 6000 Site Selection and Acquisition

Policy 6010 School Attendance Areas

Policy 6030 Procurement of Architectural/Engineering and

Construction Management Services

C. Other

General Elementary Educational Specifications for New Schools

General Educational Specifications for New Howard County Middle Schools

General Educational Specifications High Schools

Guidelines Manual for Renovations and Modernizations of Existing Schools Safety Guidelines for Renovation and Construction Projects

VIII. History

ADOPTED: September 4, 1968

REVIEWED:

MODIFIED: August 14, 2014 REVISED: September 13, 1990

January 14, 2010

EFFECTIVE: August 14, 2014



POLICY 6020-PR IMPLEMENTATION PROCEDURES SCHOOL PLANNING/SCHOOL CONSTRUCTION PROGRAMS

Effective: July 1, 2010

These procedures apply to the construction of new schools and the modernization/renovation of existing facilities that are included in the Board's Capital Improvement Program.

I. Long-range Planning and Student Population Projection

The Office of School Planning will:

- A. Gather enrollment, population, and housing data from appropriate sources
- B. Provide an annual projection using the cohort survival method or other established demographic methodology
- C. Provide an annual report of projection accuracy to the Board of Education.

II. Capital Improvement Program

The Office of School Planning and the Office of School Construction will:

- A. Develop the Capital Improvement Program based on population growth and anticipated needs of that population
- B. Present the Board's requested six-year Capital Improvement Program, which includes a request for the next fiscal year (capital budget) and the following five-year period
- C. Prepare the State of Maryland Public School Construction Program (PSCP) budget funding request
- D. Incorporate the state budget request with the Board six-year Capital Improvement Program to determine the annual county Capital Improvement Program request
- E. Select and analyze site(s).

III. Site Selection

Site selection and acquisition is recommended to the Board after being analyzed for appropriateness for a school. (See Policy 6000 Site Selection and Acquisition.)

IV. Architect/Engineering Firm and Construction Manager Selection

Procurement of architectural/engineering and construction management services are recommended to and approved by the Board in compliance with Policy 6030 Procurement of Architectural/Engineering and Construction Management Services.

V. Facility Planning and Facility Design

A facility planning team is convened, consisting of school and community members, personnel from the Office of School Construction, a designee from the Office of Safety, Environment and Risk Management, other central office personnel, the project architect, and others who may be named by the Superintendent/Designee. The planning team provides input to the architect in developing a series of three design studies that meets Board policy as well as the objectives of the applicable educational specifications or renovation guidelines.

The series of three design studies is as follows:

A. Schematic Design Phase

- 1. Planning team named by the Superintendent/Designee
- 2. Description of conceptual design
- 3. Initial cost analysis
- 4. Presentation to and approval by the Board.

B. Design Development Phase

- 1. Description of the design
- 2. Detailed layouts of subject areas
- 3. Cost analysis
- 4. Presentation to and approval by the Board.

C. Construction Documents Phase

- 1. Description of the final design
- 2. Cost analysis and cost reduction
- 3. Final review of drawings and specifications
- 4. Presentation to and approval by the Board
- 5. Preparation of bid documents.

The above steps may be combined. In each phase, the effect on the occupants, the building structure, and/or systems is considered. Each phase is submitted for review and approval by the Board and the Interagency Committee on School Construction (IAC). Copies of the Howard County Public School System (HCPSS) response to the design

submission review letters from the IAC approving agencies will also be submitted to the Board

VI. Bid and Award

Pursuant to Policy 4050 Procurement of Capital Materials, Supplies, Equipment, and Services, these procedures call for a publicly announced bid period during which interested bidders examine the bid documents and submit a sealed bid by the date and time required. The bid documents are opened in public and the price submitted for each bid item is read aloud. At a subsequent meeting of the Board, the results of the bid are presented and a recommendation to award to the lowest responsible and responsive bidder is made.

The final decision is made by the Board. Upon submission of all documents, bonds, and other matters required in the contract, a formal contract is signed.

VII. Contract and Construction Administration

A. Office of School Construction

The project architect serves as the Board's representative and administers the contract, answers technical questions, approves submittals, and initiates change orders and requests for proposals subject to the Board's approval. The Office of School Construction coordinates the completion schedule with the principal/designee and other school system personnel to ensure that furniture and equipment deliveries, technology services, and food services satisfy the requirements for their respective sections. Prior to the opening of school, the Office of School Construction monitors each project to resolve any last minute problems and continues this supervision during the warranty period.

The Office of School Construction supervises the construction, budget, schedule, and quality of work, administers change order requests, and administers the warranty period. When school projects are technically complex, have a very short construction time, or require staff attention beyond the time available, a construction manager may be hired to manage the construction process.

B. Office of Safety, Environment and Risk Management

The Office of Safety, Environment and Risk Management monitors the design and construction phases at regular intervals and in response to specific concerns. Consistent with all statutory requirements, monitoring includes Integrated Pest Management (IPM), Indoor Air Quality (IAQ), and abatement of potentially hazardous materials.

VIII. Official Acceptance of Capital Improvement Projects

New facilities and other Capital Improvement Projects may be accepted in several ways. If conditions permit, the school system will wait until all major and minor building system corrections are fully complete and all minor repairs, deficiencies and discrepancies (punch list items) have been corrected. The project architect will then certify that the building is complete and has been constructed according to the drawings and specifications. This marks the beginning of the warranty period for the building. School facilities are typically scheduled so that all construction will be complete and the building ready for acceptance in early summer. Final inspection and acceptance involves a review of the project at substantial completion of construction, which includes listing items to be adjusted, corrected, or completed by the contractor's "punch list." In most cases, the project is complete except for minor system work and completion of the punch list items by late summer.

The Office of School Construction is responsible for certifying, as applicable, beneficial occupancy, final occupancy, move-in, punch list, and warranty/guarantee.

IX. Post-Acceptance Evaluation

- A. After project acceptance, furnishings and movable equipment can be installed, supplies can be delivered and stored, and the staff can occupy the facility for operation. At this time, the construction project enters into a one year guarantee and a two year mechanical/electrical guarantee period during which time discrepancies in the workmanship, materials, and equipment supplied under the contract are noted and corrected. Some specifically identified warranties/guarantees may be longer than one to two years.
- B. Following the move-in, the Office of School Construction works closely with the school administration and maintenance personnel to correct any problems that arise during the warranty period.
- C. After the first instructional year following construction, a walk-through of the facility is conducted to evaluate the success of the facility as a teaching environment and the success of the educational concepts in the General Elementary Educational Specifications for New Schools, or General Educational Specifications for New Howard County Middle Schools, or General Educational Specifications High Schools or Guidelines Manual for Renovations and Modernizations of Existing Schools in effect at the time the project was designed. The facility is also evaluated as to use of materials, building systems, construction quality, and other aspects pertaining to the building.

- D. A walk-through of the building by a representative team of stakeholders may include a:
 - 1. Teacher representative
 - 2. Administration personnel
 - 3. Custodian
 - 4. PTA representative
 - 5. School facilities representative(s)
 - 6. Designee from Safety, Environment and Risk Management.

X. Temporary and Relocatable Facilities

Placement of temporary and relocatable portable facilities is determined by and implemented as follows:

- A. Presentation of current population projections
- B. Identification of where new units are needed
- C. Evaluation of site plans
- D. Evaluation of cost implications
- E. Presentation to and approval by the Board
- F. Reassignment or procurement of units
- G. Installation of units
- H. Post installation inspection by the Office of School Construction.

ADOPTED: September 13, 1990 AMENDED: January 14, 2010 EFFECTIVE: July 1, 2010