

IAC MEETING
Wednesday, September 13, 2017

Maryland State Department of Education Building
8th Floor Conference Room #1
9 am – 12:00 pm

AGENDA

ITEMS FOR APPROVAL AND DISCUSSION

INTRODUCTION

- Meeting called to order
- Roll Call
- Revisions to Agenda

Section I – Approval of Minutes

- A. IAC Minutes for backlog 7/31/17, 2/15/17, 9/15/16, 8/30/16) 1-9**
- B. Concurrence with Previously Approved Memorandum (August 16, 2017) 10**
- C. Revision to Section III Contract Awards 11**
 - 1. Baltimore County – Battle Grove ES
 - 2. Baltimore County – Charlesmont ES

Section II – Discussion Items and Deferred Items

- A. Draft Educational Facilities Adequacy Standards Revised 12-23
 - Summary 24-28
 - BACK-UP comments from LEAs 29-73
- B. LEA Template for the October 18 BPW Meeting 74-78
- C. Amendments to COMAR Regulations – State-Local Cost Share Percentages 79-80**
- D. Maintenance Inspection Program: FY 2018 Inspection Schedule 81-88

Section III – Approval of Contracts

- See summary in Section III (Total Contracts \$80,937,862) with backup 89-118**

Section IV – Approval of Sites None

Section V – Approval of Property Transfers

- A. Washington County Public Schools – Transfer of Conococheague ES 119**
- B. Carroll County Public Schools – Disposal of Charles Carroll ES 120**
- C. Carroll County Public Schools – Transfer of North Carroll HS 121**

Section VI – Approval of Accounting Adjustments

- A. Audit Exceptions
 - 1. Howard County 122**
 - 2. Frederick County 122**
- B. Project Allocation Reversions 123**
- C. Cancellation of Contract Award None
- D. Closed Projects 124-125**
- E. Funding Amendments to FY 2018 CIP 126**

Section VII – Approval of Other Items..... None

Section VIII (A) – Information: Change Orders 127-141

IAC MEETING
Wednesday, September 13, 2017
(Continued)

Section VIII (B) – Information: Property Transfers 1 acre or less

1. Baltimore City Public Schools – Madison Park North .69 acre Air Rights 142
2. St. Mary's County Public Schools – Easements (3 properties) 142
 - George Washington Carver ES .133
 - Lexington Park ES .003 acre
 - Ridge ES .018 acre

Section VIII (C) – Information: Other/Name Change/Educational Function

1. Anne Arundel County Public Schools – Carrie Weedon Early Education Center.....143
2. Garrett County Public Schools – Hickory Environmental Education Center.....143
3. Montgomery County Public Schools – Bethesda-Chevy Chase Middle School #2.....143
4. Washington County Public Schools – Funkstown Elementary 143

Section IX Fund Adjustments None

****Action Item**

Time Meeting Adjourned: _____

State of Maryland
Interagency Committee on School Construction
UNOFFICIAL MEETING MINUTES

July 31, 2017

Meeting called to order: 9:05 am

A meeting of the Interagency Committee on School Construction was held at 200 W. Baltimore Street, Baltimore MD, 8th Floor CR #1 on July 31, 2017.

Attendees

Dr. Karen Salmon – State Superintendent - Chair
Ms. Wendi Peters – Secretary of MD Dept. of Planning – Member
Mr. Ellington Churchill – Secretary of MD Dept. of General Services – Member
Mr. John Bohanan – Public Member

Members not in attendance

Ms. Barbara Hoffman – Public Member

Approval of minutes

- Section I – Approval of the Minutes**
- A. Minutes – June 14, 2017 MOTION CARRIED
 - B. Concurrence with Previously Approved Memorandum (June 28 and July 26) MOTION CARRIED

Section II – Discussion Items and Deferred Items

- A. Amendments to COMAR Regulations – State Cost Share Percentages MOTION CARRIED
Noted: the COMAR process allows the LEAs to send comments after the AELR process during public comment period.
- B. Washington County Public Schools – Partial Waiver of LEED MOTION CARRIED

Section III – Approval of Contracts

- See summary in Section III NONE

Section IV – Approval of Sites NONE

Section V – Approval of Property Transfers NONE

Section VI – Approval of Accounting Adjustments

- A. Audit Exceptions NONE
- B. Project Allocation Reversions NONE
- C. Cancellation of Contract Award NONE
- D. Closed Projects NONE
- E. Funding Amendments NONE

Section VII – Approval of Other Items NONE

Section VIII (A) – Information: Change Orders NONE

Section VIII (B) – Information: Property Transfer NONE

MEETING MINUTES Continued

Section VIII (C) – Information: Other/Name Change/Educational Function NONE

Unfinished business

NONE

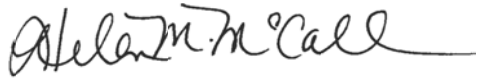
New business

NONE

Announcements

NONE

Meeting Adjourned: 9:31 am



Recording Secretary

July 31, 2017

Date of approval

State of Maryland
Interagency Committee on School Construction
UNOFFICIAL MEETING MINUTES
February 15, 2017

Meeting called to order: 9:00 am

A meeting of the Interagency Committee on School Construction was held at 200 W. Baltimore Street in the Nancy S. Grasmick Building on February 15, 2017.

Attendees

Dr. Karen Salmon – State Superintendent - Chair
Ms. Wendi Peters – Secretary of MD Dept. of Planning – Member
Mr. Ellington Churchill – Secretary of MD Dept. of General Services – Member
Ms. Barbara Hoffman – Appointee of the President of the Senate, Public Member

Members via teleconference:

Mr. John Bohanan – Appointee of the Speaker of the House, Public Member

Approval of minutes

Section I – Approval of the Minutes

- A. Revision to May 20, 2016 - Section VIII – Montgomery County – Carderock Springs Change Orders MOTION CARRIED
- B. Concurrence with Previously MOTION CARRIED Memorandum (1/10/17) MOTION CARRIED

Section II – Discussion Items and Deferred Items

- A. Nonpublic Aging Schools Program FY 2017 MOTION CARRIED
- B. Design and Planning Professionals on Local School Board Staff..... Informational Only
- C. Relocatables SY 2016-2017 Informational Only
- D. Howard County Public Schools: Mold and Maintenance Issues Report Informational Only
- E. FY 2018 Capital Improvement Program 90% Allocations MOTION CARRIED
- F. Baltimore City Public Schools Annual Report **DEFERRED**
- G. Amendments to Regulations – Eligible and Ineligible Expenditures MOTION CARRIED

Section III – Approval of Contracts

- See summary in Section III on agenda previously published online MOTION CARRIED

Section IV – Approval of Sites MOTION CARRIED

Section V – Approval of Property Transfers MOTION CARRIED

Section VI – Approval of Accounting Adjustments

- A. Audit Exceptions –
 - 1. Carroll County MOTION CARRIED
 - 2. Prince George's.....MOTION CARRIED
- B. Project Allocation Reversions MOTION CARRIED
- C. Cancellation of Contract Award (Prince George's – Bowie Air Conditioning) MOTION CARRIED
- D. Closed Projects MOTION CARRIED

MEETING MINUTES Continued

E. Funding Amendments NONE

Section VII – Approval of Other Items

- A. Approval to Establish Supplementary Appropriation Project Allocations MOTION CARRIED
- B. Amendments to FY 2014 CIP – Charles County.....MOTION CARRIED
- C. State-Owned Relocatables – Caroline County.....MOTION CARRIED

Section VIII (A) – Information: Change Orders MOTION CARRIED

Section VIII (B) – Information: Property Transfer NONE

Section VIII (C) – Information: Other/Name Change/Educational Function

- A. Prince George's County (Several schools) MOTION CARRIED

Unfinished business

NONE

New business

NONE

Announcements

NONE

Meeting Adjourned: 11:00 am



Recording Secretary

February 15, 2017

Date of approval

State of Maryland
Interagency Committee on School Construction
OFFICIAL MEETING MINUTES
September 15, 2016

Meeting called to order: 9:00 am

A meeting of the Interagency Committee on School Construction was held at the House of Appropriations in Room 120 on September 15, 2016.

Attendees

Dr. Karen Salmon – State Superintendent - Chair
Ms. Wendi Peters – Secretary of MD Dept. of Planning – Member
Mr. Ellington Churchill – Secretary of MD Dept. of General Services – Member
Ms. Barbara Hoffman – Appointee of the President of the Senate, Public Member
Mr. John Bohanan – Appointee of the Speaker of the House, Public Member

Members not in attendance

N/A

Approval of minutes

Section I – Approval of Minutes

A...Approval of previous Memoranda (6/30/16, 7/28/16, 8/22/16).....MOTION CARRIED

Section II – Discussion Items and Deferred Items

- A. Maintenance Inspection Program NO ACTION
 - *Members suggested that meetings with the LEAs need to occur to accomplish the goal.*
- B. Executive Director – Qualifications and Process for Selection NO ACTION
- C. Baltimore County Public Schools: Request for Waiver to Solicit Bids for A/C Projects Prior to Project Approval by BPW MOTION CARRIED

Section III – Approval of Contracts

- See summary in Section III MOTION CARRIED

Section IV – Approval of Sites

- A...Frederick County – Landsdale Development, East County ES Site MOTION CARRIED

Section V – Approval of Property Transfers

- A... Cecil County BOE Central Offices (201 Booth Street) Transfer to County Government, then to Town of Elkton MOTION CARRIED
- B... Cecil County BOE Maintenance & Operations Bldg. (203 Booth Street) Transfer to County Government MOTION CARRIED
- C. . Carroll County Public Schools – Charles Carroll ES Transfer to County Government MOTION CARRIED
- D. . Carroll County Public Schools – North Carroll HS Transfer to County Government MOTION CARRIED

Section VI – Approval of Accounting Adjustments

- A. Audit Exceptions
 - 1. Allegany County MOTION CARRIED
 - 2. Garret County MOTION CARRIED

MEETING MINUTES Continued

- B. Project Allocation Reversions MOTION CARRIED
C. Cancellation of Contract Award..... NONE
D. Closed Projects MOTION CARRIED

E. Funding Amendments NONE

Section VII – Approval of Other Items..... NONE

Section VIII (A) – Information: Change Orders NONE

Section VIII (B) – Information: Property Transfer NONE

Section VIII (C) – Information: Other/Name Change/Educational Function

- Carroll County – New Windsor Middle – School Closure NO ACTION NECESSARY

Unfinished business**New business****Announcements**

NONE

Meeting Adjourned: 11:00 am



Recording Secretary

September 15, 2016

Date of approval

State of Maryland
Interagency Committee on School Construction
OFFICIAL MEETING MINUTES

August 30, 2016

Meeting called to order: 9:00 am

A meeting of the Interagency Committee on School Construction was held at 200 W. Baltimore Street, Baltimore MD, 8th Floor CR #1 on August 30, 2016.

Attendees

Dr. Karen Salmon – State Superintendent - Chair

Ms. Wendi Peters – Secretary of MD Dept. of Planning – Member

Mr. Ellington Churchill – Secretary of MD Dept. of General Services – Member

Ms. Barbara Hoffman – Public Member

Members not in attendance

N/A

Approval of minutes

Section I – Approval of Minutes NONE

Section II – Discussion Items and Deferred Items

- A. Maintenance Inspection Program NO ACTION
- B. Executive Director – Qualifications and Process for Selection NO ACTION
- C. Baltimore County Public Schools: Request for Waiver to Solicit Bids for A/C Projects Prior to Project Approval by BPW DEFERRED

Section III – Approval of Contracts

- See summary in Section III NONE

Section IV – Approval of Sites NONE

Section V – Approval of Property Transfers NONE

Section VI – Approval of Accounting Adjustments

- A. Audit Exceptions NONE
- B. Project Allocation Reversions NONE
- C. Cancellation of Contract Award.....NONE
- D. Closed Projects.....NONE
- E. Funding Amendments.....NONE

Section VII – Approval of Other Items.....NONE

Section VIII (A) – Information: Change Orders NONE

Section VIII (B) – Information: Property Transfer NONE

Section VIII (C) – Information: Other/Name Change/Educational Function NONE

MEETING MINUTES Continued

Section IX Fund Adjustments NONE

Unfinished business

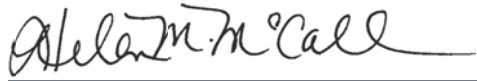
IAC Members will reconvene on September 15, 2016.

New business

Announcements

NONE

Meeting Adjourned: 11:00 am



Recording Secretary

August 30, 2016

Date of approval

IAC Meeting – August 30, 2016

In summary, the IAC met on August 30, 2016 to discuss the items presented on the agenda. During the meeting each Section Item was discussed and resulted in the following:

Section II A – Maintenance Inspection Program

- IAC members decided to allow more time to review the chart provided and send their comments back to Ms. Joan Schaefer and Dr. Karen Salmon for further discussion at the next IAC meeting scheduled on September 15.

Section II B – Executive Director Position

- The IAC made the decision to advertise for a permanent Executive Director position instead of an Interim Executive Director.
- IAC members discussed details regarding the Job Announcement, job duties and the MS 22 Job Description. It was decided that the members will send their comments back to Ms. Joan Schaefer within one week in order to present this at the IAC's next meeting on September 15.
 - o *Please note: the date of distribution of the items for the September 15 meeting is September 8. To allow time to integrate everyone's notes/comments, the comments are needed today, September 6, if possible. If you expect to have comments, but cannot provide them today, please let us know when you expect to send them to us.*
- It was also discussed that Ms. Joan Schaefer and staff research the possibility of using a search firm for advertising or seeking a specific pool of candidates, and compile a list of organizations and school system contacts for use in advertising the position. This item will also be reconsidered at the next IAC meeting on September 15.
- Members were also asked to provide feedback on the Steps, Selection Committee, and Timeframe listed on the item.

Section II C – Baltimore County Public Schools: Request for Waiver to Solicit Bids for Air Conditioning Projects Prior to Project Approval by Board of Public Works

- IAC members had discussion regarding the COMAR regs in place and Secretary Wendi Peters suggested making a motion to defer the Item until the next IAC meeting on September 15, to allow the members more time to review the Item since it was expedited so quickly.

The next IAC meeting for September 15 has been scheduled to be in Annapolis, in House Appropriations room number 120.



STATE OF MARYLAND
PUBLIC SCHOOL CONSTRUCTION PROGRAM
200 W. BALTIMORE STREET
BALTIMORE, MARYLAND 21201
410-767-0617

LARRY HOGAN
GOVERNOR

INTERAGENCY COMMITTEE ON SCHOOL CONSTRUCTION

ROBERT A. GORRELL
EXECUTIVE DIRECTOR

KAREN SALMON, Ph.D.
CHAIRPERSON

MEMORANDUM

PLEASE REVIEW AND RESPOND PRIOR TO AUGUST 16, 2017

TO: Dr. Karen Salmon, Ms. Wendi Peters, Mr. Ellington Churchill
Ms. Barbara Hoffman, and Mr. John Bohanan
FROM: Bob Gorrell *RAG*
DATE: August 10, 2017
RE: Approval of Expedited IAC Agenda Items

Enclosed for your review and approval is the Section III agenda item submitted for expedited processing.

SECTION I – APPROVAL OF CORRECTIONS TO THE MINUTES

See SEC I - Individual items listed separately

SECTION III – APPROVAL OF CONTRACTS

See SEC III Summary Page

SECTION IV – APPROVAL OF SITES

A. Wicomico County Public Schools – Site Acquisition of Calloway parcel

Approval of this item is recommended. It will be recorded as approved by the Committee at the next IAC meeting.

Please call or email prior to August 16, 2017 with your comments and approval.

RG:hm

Attachment

cc: Gloria Mikolajczyk, Michael Bayer, Fred Mason, III

IAC ACTION: THE ABOVE REFERENCED ITEMS WERE:					
	Approved	Disapproved	Deferred	Abstain	Recuse
Dr. Karen Salmon	☒	☐	☐	☐	☐
Ms. Wendi Peters	☒	☐	☐	☐	☐
Mr. Ellington Churchill, Jr.	☒	☐	☐	☐	☐
Ms. Barbara Hoffman	☒	☐	☐	☐	☐
Mr. John Bohanan	☒	☐	☐	☐	☐

SECTION I - APPROVAL OF CORRECTIONS TO THE MINUTES

March 8, 2017 -

SECTION III - Approval of Contracts

Baltimore County – Battle Grove Elementary

PSC# 03.116.16EGRC/18/18EGRC SR

Project Type: Systemic Renovation

Air Conditioning

Change PSC # from 03.116.18 SR to 03.116.16EGRC/18/18EGRC SR

Change Local Funding from \$4,910,000 to \$2,359,688

Change State Funding from \$0 to \$2,550,912

Change State Contingency for Change Orders from \$0 to \$34,088

Add Note:

- 5) Increase in State funding due to allocation provided in the FY 2018 CIP.

March 8, 2017 -

SECTION III - Approval of Contracts

Baltimore County – Charlesmont Elementary

PSC# 03.173.18/18EGRC SR

Project Type: Systemic Renovation

Air Conditioning

Change PSC # from 03.173.18 SR to 03.173.18/18EGRC SR

Change Local Funding from \$3,370,000 to \$1,620,200

Change State Funding from \$0 to \$1,749,800

Change State Contingency for Change Orders from \$0 to \$43,745

Change Account to Decrease from \$0 to \$231,455

Add Note:

- 5) Increase in State funding due to allocation provided in the FY 2018 CIP.

IAC ACTION: THE ABOVE REFERENCED ITEMS WERE:

	Approved	Disapproved	Deferred	Abstain	Recuse
Dr. Karen Salmon	☒	☐	☐	☐	☐
Ms. Wendi Peters	☐	☐	☐	☐	☐
Mr. Ellington Churchill, Jr.	☒	☐	☐	☐	☐
Ms. Barbara Hoffman	☐	☐	☐	☐	☐
Mr. John Bohanan	☒	☐	☐	☐	☐

MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT
For September 13, 2017 IAC Review

Note: References to COMAR are provided to explain basis of certain items in the current draft. Please do not hesitate to suggest revisions that would conflict with current COMAR.

I. **PURPOSE.** The purpose of Maryland Public School Facilities Assessment Standards (*COMAR 13A.01.02.04*) is to establish acceptable levels for the physical condition, capacity, and educational suitability of school facilities. The application of these standards shall be limited to space and attributes needed to support educational programs and curricula, defined by the Maryland State Board of Education, that is sustainable within the operational budget of the school systems for staffing, maintenance, and full utilization of the facilities. The Maryland Public School Facilities Assessment Standards are dynamic. The Interagency Committee on School Construction (IAC) ~~plans to~~ shall periodically review them ~~at least annually~~ and recommend changes to them as time and circumstances require. These standards are intended for use in the evaluation of existing public school facilities with projected seven-year future student count and are not intended to limit the flexibility of design solutions for new construction and renovation projects. A companion document [TO BE DEVELOPED] is the “Maryland Public School Planning Guide” provided by the State for use in the programming and design of school projects to meet adequacy. The Maryland Public School Planning Guide is incorporated by reference into these standards and may be amended by the IAC with adequate notice and input from the public. *[Code of Maryland (COMAR) references in this document are to certain Title 13A regulations of the State Board of Education for State School Administration, General Instructional Programs, Specific Subjects, Special Instructional Programs, and Supporting Programs.]*

II. **GENERAL REQUIREMENTS.** These standards are not intended to supersede or omit, compliance with applicable building and fire code or any other code, regulation, law or standard that has been adopted by State agencies.

A. **Building condition.** A school facility must be safe (*COMAR 13A.01.04.03*) and capable of being maintained.

1. **Structural.** A school facility must be structurally sound. A school facility shall be considered structurally sound and safe if the building presents no imminent danger or major visible signs of decay or distress.
2. **Exterior envelope.** An exterior envelope is safe and capable of being maintained if:

MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT
For September 13, 2017 IAC Review

- a) *Walls and roof are weather tight under normal conditions with routine upkeep;*
- b) *Doors and windows are weather tight under normal conditions with routine upkeep; and*
- c) *the building structural systems support the loads imposed on them.*

3. Interior surfaces. An interior surface is safe and capable of being maintained if it is:

- a) *Structurally sound;*
- b) *Capable of supporting a finish; and*
- c) *Capable of continuing in its intended use with normal maintenance and repair.*

4. Interior finishes. An interior finish is safe and capable of being maintained if it is:

- a) *Free of exposed lead paint;*
- b) *Free of friable asbestos; and*
- c) *Capable of continuing in its intended use with normal maintenance and repair.*

B. Building systems. Building systems in a school facility must be in working order and capable of being properly maintained. Building systems include roof, plumbing, telephone, electrical, and heating and cooling systems, as well as fire alarm, 2-way internal communication, technological infrastructure, and security systems.

1. General. A building system shall be considered to be in working order and capable of being maintained if all of the following apply:

- a) *The system is capable of being operated as intended and maintained.*
- b) *Newly manufactured or cost-effective refurbished replacement parts are available.*
- c) *The system is capable of supporting the standards established in this rule.*
- d) *Components of the system present no imminent danger of personal injury.*

2. Plumbing fixtures. A school facility shall be equipped with sanitary facilities in accordance with the Maryland Building Performance Standards as modified by the local jurisdiction. Fixtures shall include, but are not limited to, water closets, urinals, lavatories, and drinking fountains. In all new construction, restrooms shall be available so students will not have to exit the building. In existing facilities, restrooms shall be available for general classrooms for grades 5-3 and below and special needs classrooms without having to exit the building, wherever possible within reasonable cost constraints.

MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT
For September 13, 2017 IAC Review

3. Fire alarm and emergency notification system. A school facility shall have a fire alarm and emergency notification system as required by applicable State fire codes and emergency procedures.
4. 2-way communication system. A school facility shall have a 2-way internal communication system between a central location and each classroom, isolated office space, library media center, physical education space, cafeteria, and other regularly-used spaces.

III. CLASSIFICATION OF PUBLIC SCHOOLS. The classifications for public schools under these standards are:

- A. Elementary school
- B. Middle school
- C. High school
- D. Combination school
- E. Other school (includes special education centers, career technology centers, alternative education schools, etc.)

IV. SCHOOL SITE. A school site shall be of sufficient size to accommodate safe access, parking, drainage, and security (*COMAR 13A.01.04.03*). Additionally, the site shall be provided with an adequate source of water and appropriate means of effluent disposal.

- A. Safe access. A school site shall be configured for safe and controlled access that separates pedestrian from vehicular traffic. If buses are used to transport students, then separate bus loading/unloading areas shall be provided wherever possible. Dedicated student drop-off and pickup areas shall be provided for safe use by student passengers arriving or departing by automobile.
- B. Parking. A school site shall include a maintainable surfaced area that is stable, firm, and slip resistant and is large enough to accommodate 1.5 parking spaces/staff FTE and one student space /~~four~~ten high school students. If this standard is not met, alternative parking may be approved after the sufficiency of parking at the site is reviewed by the IAC using the following criteria:

1. Availability of street parking around the school;
2. Availability of any nearby parking lots;

MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT
For September 13, 2017 IAC Review

3. Availability of public transit;
4. Number of staff who drive to work on a daily basis; and
5. average number of visitors on a daily basis.

C. Drainage. A school site shall be configured such that runoff does not undermine the structural integrity of the school buildings located on the site or create flooding, ponding, or erosion resulting in a threat to health, safety, or welfare.

D. Security.

1. All schools shall have safe and secure site fencing or other barriers with accommodations for safe passage through openings to protect students from the hazards of traffic, railroad tracks, steep slopes, animal nuisance, and ~~steep slopes to discourage unauthorized access to the campus.~~
2. For schools which include students in grade 5 and below, a ~~fenced or walled~~ protected play ~~equipment area, paved area, and field~~ shall be provided. Play equipment areas shall have surfacing materials that meet or exceed safety specifications for shock absorbing qualities as outlined by the U.S. Consumer Product Safety Commission.

V. SITE RECREATION AND OUTDOOR PHYSICAL EDUCATION. A school facility shall have area, space and fixtures, in accordance with the standard equipment necessary to meet the educational requirements of the public education department, for physical education activity. (*COMAR 13A.01.02.05 and 13A.04.13, Physical Education only*)

- A. Elementary school. Safe play area(s) and playground(s) including hard surfaced court(s) and unpaved recreation area(s) shall be conveniently accessible to the students. Play area(s) and appropriate equipment for physical education and school recreational purposes shall be provided based on the planned school program capacity.
- B. Middle school. Hard surfaced court(s) and playing field(s) for physical education activities shall be provided. Playing field(s) and equipment shall be based on the planned school program capacity.
- C. High school. ~~A paved multipurpose play surface and a~~ A playing field for physical education activities shall be provided. Playing fields and equipment shall be based on the planned school program capacity.

MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT
For September 13, 2017 IAC Review

D. Combination school. A combination school shall provide the elements of the grades served by Subsections A, B and C above without duplication, but shall meet the highest standard.

E. Other school. Other schools shall provide the elements above necessary to meet the educational requirements of the specific programs and capacity of the schools.

VI. **ACADEMIC CLASSROOM SPACE.** All classroom space shall meet or exceed the requirements listed below:

A. Classroom space. Classroom space shall be sufficient for appropriate educational programs for the class level needs.

B. Classroom fixtures and equipment

1. Each general and specialty classroom shall contain a work surface and seat for each student in the classroom. The work surface and seat shall be appropriate for the normal activity of the class conducted in the room.
2. Each general and specialty classroom shall have an erasable surface and a surface suitable for projection purposes, appropriate for group classroom instruction, and a display surface. A single surface may meet one or more of these purposes.
3. Each general and specialty classroom shall have storage for classroom materials or access to conveniently located storage.
4. Each general and specialty classroom shall have a work surface and seat for the teacher and for the aide assigned to the classroom, if any, and it shall have secure storage for student records that is located in the classroom or is convenient to access from the classroom.

C. Classroom lighting

1. Each general and specialty classroom shall have a light system capable of maintaining at least 50 foot-candles of well-distributed light. Provide appropriate task lighting in specialty classrooms where enhanced visibility is required.
2. The light level shall be measured at a work surface located in the approximate center of the classroom, between clean light fixtures.

D. Classroom temperature and relative humidity

1. Each general and specialty classroom shall have a heating, ventilation and air conditioning (HVAC) system capable of maintaining a temperature between 68 and 75 degrees Fahrenheit and a relative humidity between 30-60% at full occupancy.

MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT
For September 13, 2017 IAC Review

2. The temperature and humidity shall be measured at a work surface in the approximate center of the classroom.

E. Classroom acoustics

1. Each general and specialty classroom shall be maintainable at a sustained background sound level of less than 55 decibels.

2. The sound level shall be measured at a work surface in the approximate center of the classroom.

F. Classroom air quality

1. Each general, science, and fine arts classroom shall have an HVAC system that continually moves air and is capable of maintaining a CO₂ level of not more than 1,200 parts per million.

2. The air quality shall be measured at a work surface in the approximate center of the classroom.

VII. GENERAL USE CLASSROOMS. (ENGLISH LANGUAGE ARTS/LITERACY, MATHEMATICS, SOCIAL STUDIES AND WORLD LANGUAGES (COMAR 13A.03, *General Instructional Programs* and 13A.04, *Specific Subjects*)).

A. Cumulative classroom net square foot (sf) requirements, excluding in-classroom storage space, shall be at least:

1.	Prekindergarten	50 net sf/student
2.	Kindergarten	50 net sf/student
3.	Grades 1 – 5	32 net sf/student
4.	Grades 6 – 8	28 net sf/student
5.	Grades 9 – 12	25 net sf/student

B. At least 2 net sf/student shall be available for dedicated, in-classroom storage and may be provided vertically to avoid the need for additional floor area.

C. Sufficient number of classrooms shall be provided to meet state and local board mandated student/staff ratio requirements.

VIII. SPECIALTY CLASSROOMS.

A. Career and Technology Education (COMAR 13A.04.02 and 13A.04.10)

MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT
For September 13, 2017 IAC Review

1. Elementary school. No requirement.
2. Middle school. Career and technology education programs shall be provided with no less than 3 net sf/student of the specialty program capacity of the school for career education. Each program lab or classroom space shall not be smaller than 650 net sf.
3. High school. Career and technology education programs space shall be provided with no less than 4 net sf/student of the specialty program capacity of the school for career education. Each program lab or classroom space shall not be smaller than 650 net sf. Cosmetology and barber programs shall comply with the sanitation requirements of the State Board of Cosmetologists and the State Board of Barbers, respectively.
4. Combination school. A combination school shall provide the elements of the grades served by Paragraphs (1), (2) and (3) above without duplication, but meeting the higher standards.
5. Other school. Other schools shall provide the elements above necessary to meet the educational requirements of the specific programs and capacity of the schools.

B. Fine Arts Education. (COMAR 13A.04.16) A school facility shall have classroom space to deliver fine art education programs. Fine arts subjects include art, music, dance, and theater. ~~Fine arts instruction shall be offered to each year for all students in PK-8. Fine arts instruction in 9—12 shall enable students to meet graduation requirements and select electives.~~ Classroom space(s) for fine arts education shall not be smaller than the average classroom at the facility. Fine arts education classroom space(s) may be included in the academic classroom requirement and may be used for other instruction.

1. Elementary school. Fine arts education programs may be accommodated within a general use or dedicated arts classroom. Provide one dedicated classroom for each fine arts subject area staffed with greater than 0.5 full time fine arts teacher. Provide additional dedicated fine arts program storage of at least 60 net sf for each subject area per facility.
2. Middle school. Classroom space(s) for fine arts education programs shall have no less than 4 net sf/student of the specialty program capacity for ~~the four~~ fine arts subjects. Provide one dedicated classroom for each fine arts subject area staffed with greater than 0.5 full time fine arts teacher. Provide additional 60 net sf of storage for each fine arts program subject. ~~Provide additional ancillary space for group music practice, individual music practice room(s), specialized storage/library rooms, and office(s).~~
3. High school. Classroom space(s) for fine arts education programs shall have no less than 5 net sf/student of the specialty program capacity for ~~the four~~ fine arts subjects. ~~Provide additional ancillary space for group music practice, individual music practice room(s), specialized storage/library rooms, and office(s).~~

MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT
For September 13, 2017 IAC Review

4. Combination school. A combination school shall provide the elements of the grades served by paragraphs (1), (2) and (3) above without duplication but meeting the higher standards.
5. Other school. Other schools shall provide the elements above necessary to meet the educational requirements of the specific programs and capacity of the schools.

C. Science (COMAR 13A.04.09)

1. For grades PK through 5, no additional space is required beyond the classroom requirement.
2. For grades 6 through 12, 4 net sf/student of the specialty program capacity for science is required. The space shall not be smaller than the average classroom at the facility. This space is included in the academic classroom requirement and may be used for other instruction. The space shall have science fixtures and equipment, in accordance with the standard equipment necessary to meet the educational requirements of the State Board of Education, Maryland Science Content Standards.
3. ~~Provide For grades 9 through 12 only,~~ at least ~~80-40~~ net sf ~~of space is provided~~ for securable, well-ventilated storage/prep space for each science room having science fixtures and equipment. Storage/prep room(s) may be combined and shared between more than one classroom.

D. Special education (COMAR 13A.05.01) Maryland assures a free appropriate public education for all students with disabilities, birth through the end of the school year in which the student turns 21 years old, in accordance with the student's Individualized Education Program. Early Intervention Services for children from birth through two years is typically provided through the Maryland Infants and Toddlers Program. To the maximum extent appropriate, students with disabilities are educated in the least restrictive environment with students who are not disabled. A continuum of alternative placements shall be provided.

1. If a special education space is provided and the space is required to support educational programs, services, and curricula, the space shall not be smaller than 450 net sf.
2. When the need is demonstrated ~~by the LEA,~~ additional space in the classroom shall be provided with, or students shall have an accessible route to: an accessible unisex restroom with one toilet, sink, washer/dryer, and shower stall/tub, as needed, and at least 15 net sf of storage.
3. When the need is demonstrated ~~by the LEA,~~ in 6th grade classrooms and above, a kitchenette (?) with at least 15 net sf of storage shall be provided.

E. Technology Education (COMAR 13A.04.02)

MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT
For September 13, 2017 IAC Review

1. For grades K through 5, no additional space is required beyond the classroom requirement.
2. For grades 6 through ~~128, 3 net sf/student,~~ and 4 net sf/student for grades 9 through 12, of the specialty program capacity for science is required. The space shall not be smaller than the average classroom at the facility. This space is included in the academic classroom requirement and may be used for other instruction.
3. The space shall have technology fixtures and equipment, in accordance with the standard equipment necessary to meet the educational requirements of the State Board of Education, Maryland Technology Education Content Standards, and in high school, the requirements of Maryland Advanced Technology Education electives.
4. Provide at least 80 net sf for securable, well-ventilated storage/prep space for each technology education room having technology fixtures and equipment. Storage/prep room(s) may be combined and shared between more than one classroom.

IX. PHYSICAL EDUCATION. (COMAR 13A.01.02.05 and 13A.04.13)

A. General requirements. Each local school system shall provide an instructional program in physical education each year for all students in grades PK-8. Each local school system shall offer a physical education program in grades 9 – 12 which shall enable students to meet graduation requirements and to select physical education electives. The following minimum spaces are required: gymnasium, teacher office or planning area, equipment storage, outdoor instructional playing field, ~~and outdoor instructional hard surface area.~~

1. Elementary school. Provide a gymnasium with at least 2,200 net sf. This space may have multi-purpose use in accommodating other educational program activities such as art program performances.
2. Middle school. Provide a gymnasium with a minimum of ~~6,85,200~~ net sf.
3. High school. Provide a gymnasium with at least ~~10,06,500~~ nsf. Provide the elements of the grades served by Paragraphs (1), (2) and (3) above without duplication, but meeting the higher net sf standards.
4. Other school. Other schools shall provide the elements above necessary to meet the educational requirements of the specific programs and capacity of the schools.

B. Additional physical education requirements in addition to space requirements in Subsection A:

1. Elementary school. One office shall be provided. Separate physical education equipment storage shall be provided.

MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT
For September 13, 2017 IAC Review

2. Middle school. One office shall be provided. Separate physical education equipment storage space shall be provided.
3. High school. Two dressing rooms shall be provided, with lockers, showers and restroom fixtures. Two offices shall be provided. Separate physical education equipment storage space shall be provided.
4. Combination school. A combination school shall provide the elements of the grades served by Paragraphs (1), (2) and (3) above without duplication, but meeting the higher standards.
5. Other school. Other schools shall provide the elements above necessary to meet the educational requirements of the specific programs and capacity of the schools.

X. SCHOOL LIBRARY MEDIA CENTER. (*COMAR 13A.05.04*) A school facility shall have a unified school library media program for the use of all students which shall include an organized and centrally managed collection of instructional materials and technologies and direct instruction. Provide space for collections, reference, circulation, instruction, workroom for staff, and storage.

- A. Elementary school. The area for stacks and seating space shall be at least 3 net sf/student of the planned school program capacity. The space shall not be smaller than the average classroom at the facility. In addition, office/workroom space and secure storage shall be provided.
- B. Middle or high school. The area for stacks and seating shall be at least 3 net sf/student of the planned school program capacity. The space shall not be smaller than the average classroom at the facility. In addition, office/workroom space and secure storage shall be provided.
- C. Combination school. Provide the elements of the grades set out in Paragraphs (~~1A~~) and (~~2B~~) above without duplication, but meeting the higher standards.
- D. Other school. Other schools shall provide the elements above necessary to meet the educational requirements of the specific programs and capacity of the schools.

XI. FOOD SERVICE (*COMAR 13A.06.01*)

MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT
For September 13, 2017 IAC Review

A. Dining. A school facility shall have a space to permit students to eat within the school outside of general classrooms. ~~Schools must offer lunches between 10 am and 2 pm.~~ Schools are encouraged to provide sufficient lunch periods that are long enough to give all students enough time to be serviced and to eat their lunches. This space may have more than one function and may fulfill more than one adequacy standards requirement. Dining area shall be sized for the planned school program capacity for as many meal periods as scheduled by the school system. The dining area shall have no less than 15 net sf/seated student.

B. Serving area shall be provided in addition to dining area.

C. Kitchen. Kitchen and equipment shall comply with either the food preparation kitchen or the serving kitchen standards defined as follows:

1. Food preparation kitchen. Provide 2 net sf/meal served minimum based upon the single largest serving period.
2. Serving kitchen. Where food is not prepared, there shall be a minimum of 200 net sf with a hand wash sink and a phone.

XII. OTHER FACILITY AREAS.

A. Administrative space. A school facility shall have space to be used for the administration of the school. The space shall consist of a minimum of 150 net sf, plus ~~1.5~~ net sf/student of the planned school program capacity.

B. Faculty workroom/lounge. A school facility shall have workspace/lounge available to the faculty. This space is in addition to any workspace/lounge available to a teacher in or near a classroom. The space shall consist of 1 net sf/student of the planned school program capacity with no less than 150 net sf. The space may consist of more than one room and may have more than one function. This space shall include a break area with a sink.

C. Health services. (*COMAR 13A.01.02.05 and 13A.05.05.10A*) A school facility shall have a dedicated health services space with areas for waiting, examination and treatment, resting, storage, and an accessible toilet room. There shall be a separate room for private consultations and for use as a health service professional's office. Provide lockable cabinets for medical records and medications and at least one sink in addition to the sink in the toilet room. Provide a minimum of 500 net sf.

MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT
For September 13, 2017 IAC Review

D. Pupil services. (COMAR 13A.05.05) A school shall provide a coordinated program of pupil services for all students which shall include, but not be limited to, school counseling, pupil personnel, school psychology, and health services. The school facility shall provide a minimum of 120 net sf for each discipline, except school health services, staffed with greater than a 0.5 full time professional

XIII. GENERAL STORAGE (EXCLUDES LOCKERS, JANITORIAL, KITCHEN, GENERAL CLASSROOM, SPECIALTY CLASSROOMS, AND ADMINISTRATIVE STORAGE). For storage, at least 1 net sf/student of the planned school program capacity may be distributed in or throughout any type of room or space, but may not count toward required room square footages. General storage must be securable and include textbook storage.

XIV. MAINTENANCE OR JANITORIAL SPACE. Each school shall designate 0.5 net sf /student of the planned school program capacity for maintenance or janitorial space. Janitorial space shall include a janitorial sink.

XV. STANDARDS VARIANCE.

A. The IAC may grant a variance from any of the adequacy standards if it determines that the intent of the standard can be met by the school system in an alternate manner or if a variance is required for appropriate programmatic needs as demonstrated by the school system. If the IAC grants the variance, the school system shall be deemed to have met the standard.

B. The IAC may, with adequate justification, also grant a variance from any of the provisions of the Maryland Public School Planning Guide (TO BE DEVELOPED) provided by the State for use in the programming and design of school projects to meet adequacy. Such variance shall be considered through an appeal to the IAC by the school system following a final administrative interpretation of the planning guide. Procedures for achieving final administrative interpretation and filing an appeal to the IAC for a variance are as provided for in the Planning Guide.

End of Standards

NOTES: MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT
For September 13, 2017 IAC Review
LISTING OF SUBSTANTIAL COMMENTS

In six regional meetings between July 19 and August 22, 2017, all twenty-four LEAs participated in discussions regarding the DRAFT Standards. Suggested revisions to the June 9, 2017 draft are the result of those discussions and written comments received from the following LEAs - Anne Arundel, Baltimore City, Calvert, Harford, and Prince George's. A brief listing of substantial comments are below:

COUNTY	Re: STDS #	COMMENT	RESPONSE
LEAs and staff	I.	Good planning necessitates that the Standards should attempt to remain a constant from year to year.	Review and revisions to Standards should be as necessary, but predictable and based upon circumstances such as repeated variances provided by the IAC under Section XV or mandatory changes to State education requirements.
Some LEAs including Baltimore City and Harford	I.	Questions raised about additional space and without specific requirement to support Title 1.	Standards are for existing facilities. It is assumed that existing programs are currently housed, otherwise they would not exist. This may be a solution or design and construction phase issue. Potentially, a GSF percent increase in certain spaces necessary to support Title 1 population could be included in the "Maryland Public School Planning Guide."
Most LEAs	I.	If the adequacy measure is to be applied to an existing facility (or lack of) and projected seven year capacity is applied, then the Standards should say so.	Language revised to make clear that future capacity is to be used in calculating measures.
Most LEAs	I.	It would be helpful to see a DRAFT of the "Maryland Public School Planning Guide" when reviewing these DRAFT Standards.	Comment will be provided to the IAC.
Harford	II.A.	Suggested that ADA compliance be added.	ADA compliance is covered in the charging language under "code, regulation, law or standard" and is described in the ADAAG under "reasonable accommodation". There is no requirement to bring an existing facility to full compliance.
Calvert	II.B.1.b.	Although refurbished parts may be available in some instances, the proposition can be very time consuming and expensive.	Added "cost effective" to definition.
Most LEAs	II.B.2.	Grades for access to restrooms without exiting the	Language revised.

NOTES: MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT
For September 13, 2017 IAC Review
LISTING OF SUBSTANTIAL COMMENTS

		building should be lowered from 5 to grade 3 and it should be clear that specialty classrooms would not have the same requirement.	
Prince George's	II.B.2	There should be a minimum adequacy standard for that Kindergarten and PreK students do not have to exit the-classroom to use restrooms.	The language remains the same. The standards are for existing facilities and this was the only suggestion for this more restrictive revision.
Anne Arundel	II.B.2.	Requested that portables be excluded from Standards.	Portables are suitable educational spaces and may be used for housing required educational programs and Standards will apply equally to portables. Note: on the facility condition side of assessments, portables have much shorter expected life than permanent facilities and may be found deficient if they have greatly exceeded their expected life.
Most LEAs	N/A	Do the standards apply to portable or temporary facilities?	Yes. They are educational spaces and the standards apply to them equally to "bricks and mortar".
Calvert	IV.A.	Unobstructed access for emergency vehicles access should be added to the language.	Existing facilities must be assumed to have been built to code at the time they were built and are grandfathered from having to constantly be improved to current code.
Most LEAs	IV.B.	Parking space requirement for HS students is too high. Generally, most concerns were eliminated when raising to 10, but still there were concerns that in some urban areas even this would be too much. Additionally, there were comments that excessive pavement contradicts other MD environmental requirements.	Language revised to one space per 10 students and note that the IAC can on case-by-case basis lower standards in this section.
Most LEAs	IV.D.1.	The DRAFT Standard appears to require school sites to be fenced in their entirety and this would not work for many school sites.	Revisions made to ensure barriers are for safety.
Most LEAs	IV.D.2.	Fencing and walled play area requirements is too prescriptive.	Language revised to "protected" and eliminated specifics.
Harford	V.A.	No mention of providing playground equipment for special needs students. Schools with Special	Existing language includes "Play area(s) and appropriate equipment for physical education and

NOTES: MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT
For September 13, 2017 IAC Review
LISTING OF SUBSTANTIAL COMMENTS

		Education programs should offer playground equipment to accommodate the child's needs.	school recreational purposes shall be provided based on the planned school program capacity. " The LEA would determine reasonable specifics for special ed need.
Calvert and Anne Arundel	V.C.	CCPS High Schools do not typically provide multipurpose play surfaces for site recreation /outdoor physical education.	Multi-purpose play surface removed.
Calvert and others	VI.C.	Consideration for daylighting or visual connection to the outside are not mentioned.	Not a requirement by Code or Maryland Education.
Calvert and others	VI.D.1.	HVAC systems are typically designed to maintain space temperatures in the 68 to 76 degree range	Revised upper end to 76 degrees Fahrenheit.
Calvert	VI.E.1.	The 55 decibel sound level allows only 1 unit ventilator manufacturer to satisfy this requirement.	No revision made. Need more information as 55 dB is just below conversational speech. Room noise above this might require amplification for teacher. See links. http://www.noisehelp.com/noise-level-chart.html http://www.industrialnoisecontrol.com/comparative-noise-examples.htm https://www.youtube.com/watch?v=kUHOzBbjA8c
Calvert	Several	Suggested adding unique specialty space requirements	The Standards measure existing facilities and needs for flooring are local choice. On the solution side, design and construction, potentially guidance, not requirements, could be provided in the yet to be created "Maryland Public School Planning Guide".
Anne Arundel and Baltimore City	VII.A.	Suggested revisions to square footage. When reviewed with the other LEAs, there did not appear to be a desire to make revision as the square footages apply to the assessment of existing facilities and not the solution side design and construction.	Square footages remain as is. Additional comments and suggested revisions will be received although it is encouraged that as much evidence for revision as possible is provided. E.g. fact-based studies on square foot per student and educational outcomes.
Anne Arundel	VII.B.	Concern that required storage square footage had to be horizontal (floor area) where they try to utilize	Language revised to make clear that vertical is sufficient.

NOTES: MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT
For September 13, 2017 IAC Review
LISTING OF SUBSTANTIAL COMMENTS

		vertical to keep GSF down.	
Anne Arundel	VIII.A.	Concerns regarding misunderstanding of student count of “specialty program”	No revision necessary. Ensure definitions in the “Maryland Public School Planning Guide.”
Baltimore City	VIII.B	Standards should not prescribe the quantity of educational programs.	Removed the prescriptive quantity language.
Anne Arundel	VIII.B.2.-3.	Additional ancillary space requirements vague and unnecessary.	Language removed.
Most LEAs	VIII.B.2-.3	Error in naming “the four” fine arts subjects as there may be more.	Removed “the four”.
Baltimore City	VIII.B.2	In middle school, sixty square feet of storage area required for each fine arts program subject.	Added suggested language.
Anne Arundel, Harford, and Baltimore City	VIII.D.a.	Suggested that 450 sf was excessive and that 400 sf should be minimum. Harford and Baltimore City felt that special education classrooms must be the same size as regular classrooms.	Language remains unchanged. Additional comments and suggested revisions will be received although it is encouraged that as much evidence for revision as possible is provided. E.g. fact-based studies on square foot per student and educational outcomes.
Anne Arundel	VIII.D.b-c.	Clarification needed that demonstrated need would be at the LEA level.	Language revised.
Anne Arundel	VIII.E.	Requested that Technology Ed requirements are changing and that for grades 6-8, 3 net sf/student and 4 for grades 9-12 was appropriate.	Language revised and comments will be received on this revision.
Most LEAs	IX.A.	Outdoor instructional hard surface is not necessary.	Language revised. COMAR needs revision to delete as well.
PSCP Staff	IX.A.2.	A middle school Gym at 5,200 sf should meet educational requirements. The larger number, 6,800 sf included in the first draft appears to be an error.	Language revised. Additional comments and suggested revisions will be received although it is encouraged that as much evidence for revision as possible is provided. E.g. fact-based studies on square foot per student and educational outcomes.

NOTES: MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT
For September 13, 2017 IAC Review
LISTING OF SUBSTANTIAL COMMENTS

PSCP Staff	IX.A.3.	A high school Gym at 6,500 sf should meet educational requirements. The larger number, 10,000 sf included in the first draft appears to be an error and to provide also an extracurricular practice gym.	Language revised. Additional comments and suggested revisions will be received although it is encouraged that as much evidence for revision as possible is provided. E.g. fact-based studies on square foot per student and educational outcomes.
Anne Arundel	XI.A.	Requested that that the LEA will determine when best to serve meals.	Times removed.
Anne Arundel	XII.A.	Administrative space in draft is excessive and should be lowered to 1 net sf/student.	Language revised. Additional comments and suggested revisions will be received although it is encouraged that as much evidence for revision as possible is provided. E.g. fact-based studies on square foot per student and educational outcomes.

June 9, 2017 Draft
IAC K12 School Facilities Adequacy Standards
CHANGE Proposal

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APPLICABLE SECTION/TABLE/FIGURE NUMBER(S) II General Requirements – B/2

PROPONENT(S) _____

REPRESENTING (LEA, FIRM, ETC.) Anne Arundel County Public Schools

CHECK ONE: | ☒ | Change section to read as follows EMAIL lseaman-crawford@aacps.org
 | ☐ | Add new section to read as follows PHONE 410-439-5658
 | ☐ | Delete section and substitute as follows
 | ☐ | Delete section without substitution

Line through material to be deleted

Underline material to be added

USE SEPARATE SHEETS FOR SEPARATE TOPICS

SUGGESTED CHANGES TO THE DRAFT(s):

II. GENERAL REQUIREMENTS. These standards are not intended to supersede or omit, compliance with applicable building and fire code or any other code, regulation, law or standard that has been adopted by State agencies.

B. Building systems. Building systems in a school facility must be in working order and capable of being properly maintained. Building systems include roof, plumbing, telephone, electrical, and heating and cooling systems, as well as fire alarm, 2-way internal communication, technological infrastructure, and security systems.

1. General. A building system shall be considered to be in working order and capable of being maintained if all of the following apply:

- a) *The system is capable of being operated as intended and maintained.*
- b) *Newly manufactured or refurbished replacement parts are available.*
- c) *The system is capable of supporting the standards established in this rule.*
- d) *Components of the system present no imminent danger of personal injury.*

2. Plumbing fixtures. A school facility shall be equipped with sanitary facilities in accordance with the Maryland Building Performance Standards as modified by the local jurisdiction. Fixtures shall include, but are not limited to, water closets, urinals, lavatories, and drinking fountains. In all new construction, restrooms shall be available so students will not have to exit the building. In existing facilities, restrooms shall be available for classrooms for grades 5 and below and special needs classrooms without having to exit the building, wherever possible within reasonable cost constraints. Portable classrooms are exempt from this guideline.

3. Fire alarm and emergency notification system. A school facility shall have a fire alarm and emergency notification system as required by applicable State fire codes and emergency procedures.

4. 2-way communication system. A school facility shall have a 2-way internal communication system between a central location and each classroom, isolated office space, library media center, physical education space, cafeteria, and other regularly-used spaces.

REASON(s):

June 9, 2017 Draft
IAC K12 School Facilities Adequacy Standards
CHANGE Proposal

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APPLICABLE SECTION/TABLE/FIGURE NUMBER(S) IV School Site -ABD

PROPONENT(S) _____

REPRESENTING (LEA, FIRM, ETC.) Anne Arundel County Public Schools

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 | ☐ | Add new section to read as follows PHONE 410-439-5658
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 | ☐ | Delete section without substitution

Line through material to be deleted

Underline material to be added

USE SEPARATE SHEETS FOR SEPARATE TOPICS

SUGGESTED CHANGES TO THE DRAFT(s):

I. SCHOOL SITE. A school site shall be of sufficient size to accommodate safe access, parking, drainage, and security (*COMAR 13A.01.04.03*). Additionally, the site shall be provided with an adequate source of water and appropriate means of effluent disposal.

A. Safe access. A school site ~~shall~~should be configured for safe and controlled access that separates pedestrian from vehicular traffic. If buses are used to transport students, then separate bus loading/unloading areas shall be provided wherever possible and practicable. Dedicated student drop-off and pickup areas ~~shall~~ should be provided for safe use by student passengers arriving or departing by automobile.

B. Parking. A school site shall include a maintainable surfaced area that is stable, firm, and slip resistant and is large enough to accommodate 1.5 parking spaces/staff FTE and one student space/~~four~~ ten high school students. If this standard is not met, alternative parking may be approved after the sufficiency of parking at the site is reviewed by the IAC using the following criteria:

1. Availability of street parking around the school;
2. Availability of any nearby parking lots;

3. Availability of public transit;
4. Number of staff who drive to work on a daily basis; and
5. average number of visitors on a daily basis.

C. Drainage. A school site shall be configured such that runoff does not undermine the structural integrity of the school buildings located on the site or create flooding, ponding, or erosion resulting in a threat to health, safety, or welfare.

D. Security.

1. All schools shall have safe and secure site fencing or other barriers with accommodations for safe passage through openings to protect students from the hazards of traffic, railroad tracks, and steep slopes. ~~animal nuisance, and to discourage unauthorized access to the campus.~~
2. For schools which include students in grade ~~5~~ 1 and below, a fenced or walled play equipment area, and paved area ~~and field~~ shall be provided. Play equipment areas shall have surfacing materials that meet or exceed safety specifications for shock absorbing qualities as outlined by the U.S. Consumer Product Safety Commission.

REASON(s):

June 9, 2017 Draft
IAC K12 School Facilities Adequacy Standards
CHANGE Proposal

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APPLICABLE SECTION/TABLE/FIGURE NUMBER(S) IX Physical Education -AB

PROPONENT(S) _____

REPRESENTING (LEA, FIRM, ETC.) Anne Arundel County Public Schools

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 | ☐ | Delete section and substitute as follows
 | ☐ | Delete section without substitution

Line through material to be deleted

Underline material to be added

USE SEPARATE SHEETS FOR SEPARATE TOPICS

SUGGESTED CHANGES TO THE DRAFT(s):

IX. PHYSICALEDUCATION. *(COMAR 13A.01.02.05 and 13A.04.13)*

~~A-~~ General requirements. Each local school system shall provide an instructional program in physical education each year for all students in grades K-8. Each local school system shall offer a physical education program in grades 9 – 12 which shall enable students to meet graduation requirements and to select physical education electives. The following minimum spaces are required: gymnasium, teacher office or planning area, equipment storage, outdoor instructional playing field. ~~and outdoor instructional hard surface area.~~

1. Elementary school. Provide a gymnasium with at least 2,200 net sf. This space may have multi-purpose use in accommodating other educational program activities such as art program performances.
2. Middle school. Provide a gymnasium with a minimum of 6,800 net sf.
3. High school. Provide a gymnasium with at least 10,000 nsf.
4. Provide the elements of the grades served by Paragraphs (1), (2) and (3) above without duplication, but meeting the higher net sf standards.
5. Other school. Other schools shall provide the elements above necessary to meet the

educational requirements of the specific programs and capacity of the schools.

B. Additional physical education requirements in addition to space requirements in Subsection A:

1. Elementary school. One office shall be provided. Separate physical education equipment storage shall be provided.
2. Middle school. One office shall be provided. Separate physical education equipment storage space shall be provided.
3. High school. Two dressing rooms shall be provided, with lockers, showers and restroom fixtures. Two offices shall be provided. Separate physical education equipment storage space shall be provided.
4. Combination school. A combination school shall provide the elements of the grades served by Paragraphs (1), (2) and (3) above without duplication, but meeting the higher standards.
5. Other school. Other schools shall provide the elements above necessary to meet the educational requirements of the specific programs and capacity of the schools.

June 9, 2017 Draft
IAC K12 School Facilities Adequacy Standards
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APPLICABLE SECTION/TABLE/FIGURE NUMBER(S) V Site Recreation and Outdoor - C

PROPONENT(S) _____

REPRESENTING (LEA, FIRM, ETC.) Anne Arundel County Public Schools

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 | ☐ | Add new section to read as follows PHONE 410-439-5658
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Line through material to be deleted

Underline material to be added

USE SEPARATE SHEETS FOR SEPARATE TOPICS

SUGGESTED CHANGES TO THE DRAFT(s):

V. SITE RECREATION AND OUTDOOR PHYSICAL EDUCATION. A school facility shall have area, space and fixtures, in accordance with the standard equipment necessary to meet the educational requirements of the public education department, for physical education activity.
 (COMAR 13A.01.02.05 and 13A.04.13, Physical Education only)

- A. Elementary school. Safe play area(s) and playground(s) including hard surfaced court(s) and unpaved recreation area(s) shall be conveniently accessible to the students. Play area(s) and appropriate equipment for physical education and school recreational purposes shall be provided based on the planned school program capacity.

- B. Middle school. Hard surfaced court(s) and playing field(s) for physical education activities shall be provided. Playing field(s) and equipment shall be based on the planned school program capacity.

- C. High school. ~~A paved multipurpose play surface and a~~ A playing field for physical education activities shall be provided. Playing fields and equipment shall be based on the planned school program capacity.

- D. Combination school. A combination school shall provide the elements of the grades served by Subsections A, B and C above without duplication, but shall meet the highest

standard.

E. Other school. Other schools shall provide the elements above necessary to meet the educational requirements of the specific programs and capacity of the schools.

REASON(s):

June 9, 2017 Draft
IAC K12 School Facilities Adequacy Standards
CHANGE Proposal

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APPLICABLE SECTION/TABLE/FIGURE NUMBER(S) II General Requirements – B/2

PROPONENT(S) _____

REPRESENTING (LEA, FIRM, ETC.) Anne Arundel County Public Schools

CHECK ONE: | ☒ | Change section to read as follows EMAIL lseaman-crawford@aacps.org
 | ☐ | Add new section to read as follows PHONE 410-439-5658
 | ☐ | Delete section and substitute as follows
 | ☐ | Delete section without substitution

~~Line through material to be deleted~~

Underline material to be added

USE SEPARATE SHEETS FOR SEPARATE TOPICS

SUGGESTED CHANGES TO THE DRAFT(s):

II. GENERAL REQUIREMENTS. These standards are not intended to supersede or omit, compliance with applicable building and fire code or any other code, regulation, law or standard that has been adopted by State agencies.

B. Building systems. Building systems in a school facility must be in working order and capable of being properly maintained. Building systems include roof, plumbing, telephone, electrical, and heating and cooling systems, as well as fire alarm, 2-way internal communication, technological infrastructure, and security systems.

1. General. A building system shall be considered to be in working order and capable of being maintained if all of the following apply:

- a) *The system is capable of being operated as intended and maintained.*
- b) *Newly manufactured or refurbished replacement parts are available.*
- c) *The system is capable of supporting the standards established in this rule.*
- d) *Components of the system present no imminent danger of personal injury.*

2. Plumbing fixtures. A school facility shall be equipped with sanitary facilities in accordance with the Maryland Building Performance Standards as modified by the local jurisdiction. Fixtures shall include, but are not limited to, water closets, urinals, lavatories, and drinking fountains. In all new construction, restrooms shall be available so students will not have to exit the building. In existing facilities, restrooms shall be available for classrooms for grades 5 and below and special needs classrooms without having to exit the building, wherever possible within reasonable cost constraints. Portable classrooms are exempt from this guideline.

3. Fire alarm and emergency notification system. A school facility shall have a fire alarm and emergency notification system as required by applicable State fire codes and emergency procedures.

4. 2-way communication system. A school facility shall have a 2-way internal communication system between a central location and each classroom, isolated office space, library media center, physical education space, cafeteria, and other regularly-used spaces.

REASON(s):

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APPLICABLE SECTION/TABLE/FIGURE NUMBER(S) VII General Use Classroom -AB

PROPONENT(S) _____

REPRESENTING (LEA, FIRM, ETC.) Anne Arundel County Public Schools

CHECK ONE: | ☒ | Change section to read as follows EMAIL lseaman-crawford@aacps.org
 | ☐ | Add new section to read as follows PHONE 410-439-5658
 | ☐ | Delete section and substitute as follows
 | ☐ | Delete section without substitution

Line through material to be deleted

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USE SEPARATE SHEETS FOR SEPARATE TOPICS

SUGGESTED CHANGES TO THE DRAFT(s):

VII. GENERAL USE CLASSROOMS. (ENGLISH LANGUAGE ARTS/LITERACY, MATHEMATICS, SOCIAL STUDIES AND WORLD LANGUAGES

(COMAR 13A.03, General Instructional Programs and 13A.04, Specific Subjects)).

A. Cumulative classroom net square foot (sf) requirements, excluding in-classroom storage space, shall be at least:

- | | | |
|----|-----------------|--|
| 1. | Prekindergarten | 50 net sf/student |
| 2. | Kindergarten | 50 net sf/student |
| 3. | Grades 1 – 5 | ~~32~~ <u>35</u> net sf/student |
| 4. | Grades 6 – 8 | ~~28~~ <u>32</u> net sf/student |
| 5. | Grades 9 – 12 | ~~35~~ <u>32</u> net sf/student |

B. At least ~~2~~ 1 net sf/student for grades PreK – 5 and .5 net sf/student for grades 6-12 shall be available for dedicated, in-classroom storage.

C. Sufficient number of classrooms shall be provided to meet local board

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APPLICABLE SECTION/TABLE/FIGURE NUMBER(S) VIII Specialty Classrooms -ABCDE

PROPONENT(S) _____

REPRESENTING (LEA, FIRM, ETC.) Anne Arundel County Public Schools

CHECK ONE: | ☒ | Change section to read as follows EMAIL lseaman-crawford@aacps.org
 | ☐ | Add new section to read as follows PHONE 410-439-5658
 | ☐ | Delete section and substitute as follows
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Underline material to be added

USE SEPARATE SHEETS FOR SEPARATE TOPICS

SUGGESTED CHANGES TO THE DRAFT(s):

I. SPECIALTY CLASSROOMS.

A. Career and Technology Education (*COMAR 13A.04.02 and 13A.04.10*)

1. Elementary school. No requirement.
2. Middle school. Career and technology education programs shall be provided with no less than 3 net sf/student of the school capacity of the ~~specialty program~~ school for career education. Each program lab or classroom space shall not be smaller than 650 net sf.
3. High school. Career and technology education programs space shall be provided with no less than 4 net sf/student of the ~~specialty program~~ school capacity of the school for career education. Each program lab or classroom space shall not be smaller than 650 net sf. Cosmetology and barber programs shall comply with the sanitation requirements of the State Board of Cosmetologists and the State Board of Barbers, respectively.
4. Combination school. A combination school shall provide the elements of the grades served by Paragraphs (1), (2) and (3) above without duplication, but meeting the higher standards.
5. Other school. Other schools shall provide the elements above necessary to meet the educational requirements of the specific programs and capacity of the schools.

B. Fine Arts Education. (*COMAR 13A.04.16*) A school facility shall have classroom

space to deliver fine art education programs. Fine arts subjects include art, music, dance, and theater. Fine arts instruction shall be offered to each year for all students in K-8. Fine arts instruction in 9 – 12 shall enable students to meet graduation requirements and select electives. Classroom space(s) for fine arts education shall not be smaller than the average classroom at the facility. Fine arts education classroom space(s) may be included in the academic classroom requirement and may be used for other instruction.

1. Elementary school. Fine arts education programs may be accommodated within a general use or dedicated arts classroom. Provide one dedicated classroom for each fine arts subject area staffed with greater than 0.5 full time fine arts teacher. Provide additional dedicated fine arts program storage of at least 60 net sf for each subject area per facility.
2. Middle school. Classroom space(s) for fine arts education programs shall have no less than 4 net sf/student of the specialty program capacity for the four fine arts subjects. Provide one dedicated classroom for each fine arts subject area staffed with greater than 0.5 full time fine arts teacher. ~~Provide additional ancillary space for group music practice, individual music practice room(s), specialized storage/library rooms, and office(s).~~
3. High school. Classroom space(s) for fine arts education programs shall have no less than 5 net sf/student of the specialty program capacity for the four fine arts subjects. ~~Provide additional ancillary space for group music practice, individual music practice room(s), specialized storage/library rooms, and office(s).~~
4. Combination school. A combination school shall provide the elements of the grades served by paragraphs (1), (2) and (3) above without duplication but meeting the higher standards.
5. Other school. Other schools shall provide the elements above necessary to meet the educational requirements of the specific programs and capacity of the schools.

C. Science (COMAR 13A.04.09)

1. For grades K through 5, no additional space is required beyond the classroom requirement.
2. For grades 6 through 12, 4 net sf/student of the specialty program capacity for science is required. The space shall not be smaller than the average classroom at the facility. This space is included in the academic classroom requirement and may be used for other instruction. The space shall have science fixtures and equipment, in accordance with the standard equipment necessary to meet the educational requirements of the State Board of Education, Maryland Science Content Standards.
3. For grades 9 through 12 only, Provide at least ~~80-40~~ net sf of space is provided for securable, well-ventilated storage/prep space for each science room having science fixtures and equipment. Storage/prep room(s) may be combined and shared between more than one classroom.

D. Special education (COMAR 13A.05.01) Maryland assures a free appropriate

public education for all students with disabilities, birth through the end of the school year in which the student turns 21 years old, in accordance with the student's Individualized Education Program. Early Intervention Services for children from birth through two years is typically provided through the Maryland Infants and Toddlers Program. To the maximum extent appropriate, students with disabilities are educated in the least restrictive environment with students who are not disabled. A continuum of alternative placements shall be provided.

- a) If a special education space is provided and the space is required to support educational programs, services, and curricula, the space shall not be smaller than ~~450~~ 400 net sf.
- b) When the need is demonstrated by LEA, additional space in the classroom shall be provided with, or students shall have an accessible route to: an accessible unisex restroom with one toilet, sink, washer/dryer, and shower stall/tub, as needed, and at least 15 net sf of storage.
- c) When the need is demonstrated by LEA in 6th grade classrooms and above, a kitchenette (?) with at least 15 net sf of storage shall be provided.

E. Technology Education (*COMAR 13A.04.02*)

- 1. For grades K through 5, no additional space is required beyond the classroom requirement.
- 2. For grades 6 through ~~12-8~~, 3 net sf/student and 4 net sf/student for grades 9 through 12 of the specialty program capacity for science is required. The space shall not be smaller than the average classroom at the facility. This space is included in the academic classroom requirement and may be used for other instruction.
- 3. The space shall have technology fixtures and equipment, in accordance with the standard equipment necessary to meet the educational requirements of the State Board of Education, Maryland Technology Education Content Standards, and in high school, the requirements of Maryland Advanced Technology Education electives.
- 4. Provide at least 80 net sf for securable, well-ventilated storage/prep space for each technology education room having technology fixtures and equipment. Storage/prep room(s) may be combined and shared between more than one classroom.

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APPLICABLE SECTION/TABLE/FIGURE NUMBER(S) X School Library Media - C

PROPONENT(S) _____

REPRESENTING (LEA, FIRM, ETC.) Anne Arundel County Public Schools

CHECK ONE: | X | Change section to read as follows EMAIL lseaman-crawford@aacps.org
 | | Add new section to read as follows PHONE 410-439-5658
 | | Delete section and substitute as follows
 | | Delete section without substitution

~~Line through material to be deleted~~

Underline material to be added

USE SEPARATE SHEETS FOR SEPARATE TOPICS

SUGGESTED CHANGES TO THE DRAFT(s):

- X. SCHOOL LIBRARY MEDIA CENTER. (COMAR 13A.05.04) A school facility shall have a unified school library media program for the use of all students which shall include an organized and centrally managed collection of instructional materials and technologies and direct instruction. Provide space for collections, reference, circulation, instruction, workroom for staff, and storage.
 - A. Elementary school. The area for stacks and seating space shall be at least 3 net sf/student of the planned school program capacity. The space shall not be smaller than the average classroom at the facility. In addition, office/workroom space and secure storage shall be provided.
 - B. Middle or high school. The area for stacks and seating shall be at least 3 net sf/student of the planned school program capacity. The space shall not be smaller than the average classroom at the facility. In addition, office/workroom space and secure storage shall be provided.
 - C. Combination school. Provide the elements of the grades set out in Paragraphs (A) and (B) above without duplication, but meeting the higher standards.
 - D. Other school. Other schools shall provide the elements above necessary to meet the educational requirements of the specific programs and capacity of the schools.

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APPLICABLE SECTION/TABLE/FIGURE NUMBER(S) XI Food Service – A

PROPONENT(S) _____

REPRESENTING (LEA, FIRM, ETC.) Anne Arundel County Public Schools

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 ☐ | Add new section to read as follows PHONE 410-439-5658
 ☐ | Delete section and substitute as follows
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USE SEPARATE SHEETS FOR SEPARATE TOPICS

SUGGESTED CHANGES TO THE DRAFT(s):

XI **FOOD SERVICE (COMAR 13A.06.01)**

Dining. A school facility shall have a space to permit students to eat within the school outside of general classrooms. ~~Schools must offer lunches between 10 am and 2 pm.~~ Schools lunches are defined per the schools schedule. Schools are encouraged to provide sufficient lunch periods that are long enough to give all students enough time to be serviced and to eat their lunches. This space may have more than one function and may fulfill more than one adequacy standards requirement. Dining area shall be sized for the planned school program capacity for as many meal periods as scheduled by the school system. The dining area shall have no less than 15 net sf/seated student.

B. Serving area shall be provided in addition to dining area.

C. Kitchen. Kitchen and equipment shall comply with either the food preparation kitchen or the serving kitchen standards defined as follows:

1. Food preparation kitchen. Provide 2 net sf/meal served minimum based upon the single largest serving period.

2. Serving kitchen. Where food is not prepared, there shall be a minimum of 200 net sf with a hand wash sink and a phone.

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XI APPLICABLE SECTION/TABLE/FIGURE NUMBER(S) XII Other Facilities Areas AD

PROPONENT(S) _____

REPRESENTING (LEA, FIRM, ETC.) _____

Anne Arundel County Public Schools

CHECK ONE: | X | Change section to read as follows EMAIL lseaman-crawford@aacps.org
 | | Add new section to read as follows PHONE 410-439-5658
 | | Delete section and substitute as follows
 | | Delete section without substitution

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Underline material to be added

USE SEPARATE SHEETS FOR SEPARATE TOPICS

SUGGESTED CHANGES TO THE DRAFT(s):

XII *OTHER FACILITY AREAS.*

A. Administrative space. A school facility shall have space to be used for the administration of the school. The space shall consist of a minimum of 150 net sf, plus ~~1.5~~ 1 net sf/student of the planned school program capacity.

B. Faculty workroom/lounge. A school facility all have workspace/lounge available to the faculty. This space is in addition to any workspace/lounge available to a teacher in or near a classroom. The space shall consist of 1 net sf/student of the planned school program capacity with no less than 150 net sf. The space may consist of more than one room and may have more than one function. This space shall include a break area with a sink.

C. Health services. (*COMAR 13A.01.02.05 and 13A.05.05.10A*) A school facility shall have a dedicated health services space with areas for waiting, examination and treatment, resting, storage, and an accessible toilet room. There shall be a separate room for private consultations and for use as a health service professional's office. Provide lockable cabinets for medical records and medications and at least one sink in

addition to the sink in the toilet room. Provide a minimum of 500 net sf.

D. Pupil services. (*COMAR 13A.05.05*) A school shall provide a coordinated program of pupil services for all students which shall include, but not be limited to, school counseling, pupil personnel, school psychology, and health services. The school facility shall provide a minimum of ~~120~~100 net sf for each discipline, except school health services, staffed with greater than a 0.5 full time professional

June 9, 2017 Draft

IAC K12 School Facilities Adequacy Standards

Calvert County Public Schools Comments

Upon review of the Draft Facilities Adequacy Standards, Calvert County Public Schools offers the following comments and questions:

1. Will these standards be utilized for evaluating the adequacy of existing facilities to meet eligibility for a future capital project? Or is the objective to create minimum standards for future projects?
2. ***(II.B.1.b) A building system shall be considered to be in working order and capable of being maintained if all of the following apply, including newly manufactured or refurbished replacement parts are available.*** Although refurbished parts may be available in some instances, the proposition can be very time consuming and expensive.
3. ***(III.B.2) Plumbing fixtures-In existing facilities, restrooms shall be available for classrooms for grades 5 and below and special needs classrooms without having to exit the building, wherever possible within reasonable cost constraints.*** The definition of reasonable is not clearly defined and can be open to interpretation. How are existing portable classrooms evaluated against this criteria?
4. ***(IV.A) Safe Access.*** Unobstructed access for emergency vehicles access should be added to the language.
5. ***(IV.D.1) Security. All schools shall have safe and secure site fencing or other barriers with accommodations for safe passage through openings to protect students from the hazards of traffic, railroad tracks, steep slopes, animal nuisance, and to discourage unauthorized access to the campus.*** The language within this standard appears to require school sites to be fenced in their entirety and should be modified to account for rural vs urban sites.
6. ***(V.C) Site recreation and outdoor physical education. High School. A paved multipurpose play surface and a playing field for physical education shall be provided.*** CCPS High Schools do not typically provide multipurpose play surfaces for site recreation/outdoor physical education.
7. ***(VI.C) Classroom lighting.*** Consideration for daylighting or visual connection to the outside are not mentioned.
8. ***(VI.D.1) Classroom temperature and relative humidity. 68 to 75 degrees Fahrenheit.*** CCPS HVAC systems are typically designed to maintain space temperatures in the 68 to 76 degree range.
9. ***(VI.E.1) Classroom acoustics. Each general and specialty classroom shall be maintainable at a sustained background sound level of less than 55 decibels.*** The 55 decibel sound level allows only 1 unit ventilator manufacturer to satisfy this

requirement. If unit ventilators are specified in the design, that does not allow for competition.

10. **(VI.F) Classroom Air Quality.** To prevent mold, relative humidity and flooring type should be added to this section.
11. **(VIII.B) Fine Arts Education.** Acoustical requirements & associated treatments for music classrooms should be added.
12. **(IX) Physical Education.** Clearance to underside of deck needs to be considered for competitive play in Gymnasium design.
13. **(IX.B) Additional physical education requirements in addition to space requirements in Subsection A.** Ventilation and safety requirements should be considered.
14. **(XI.C) Food Service. Kitchen.** Ventilation and flooring requirements should be added.
15. **(XII.C) Other Facility Areas. Health services.** Requirements for flooring should be added. Dedicated HVAC system is recommended.
16. **(XII.D) Pupil Services.** Privacy requirements due to HIPPA. Consider STC rating minimums.

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CHANGE Proposal

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APPLICABLE SECTION/TABLE/FIGURE NUMBER(S) _____ None - Special Education Comments

PROPONENT(S) _____

REPRESENTING (LEA, FIRM, ETC.) _____ Harford County Public Schools

CHECK ONE: ☐ | Change section to read as follows EMAIL missy.valentino@hcps.org
 ☒ | Add new section to read as follows PHONE 410-809-6124
 ☐ | Delete section and substitute as follows
 ☐ | Delete section without substitution

Line through material to be deleted

Underline material to be added

USE SEPARATE SHEETS FOR SEPARATE TOPICS

SUGGESTED CHANGES TO THE DRAFT(s):

Special Education

Special education is a unique and growing component of school systems and the proposed facility adequacy standards do not fully address the space requirements. School systems are aiming to provide the "least restrictive environment" for special needs students so they can attend school with non-disabled peers to the greatest extent possible. Our concerns go beyond general ADA guidelines. Some factors that should be considered include:

- Do these standards adequately meet the growing special education and program service needs?
- Does facilities have proper equipment, furnishings and accessibility to all educational spaces?
- Is there adequate space for parental involvement - spend time meeting with administrators and staff, observing their children
- Is the facility able to keep students with disabilities, such as autism and emotional disabilities, from leaving the school building
- Have all modifications been completed to minimize travel time between building levels (1st, 2nd, 3rd floor)
- Are the needs of children experiencing behavioral or focusing problems addressed?

- o Sensory
 - o Acoustical
 - o Sensory rooms/ De-escalation areas/Seclusion rooms
- Is there adequate space for the specialized services required by the students
 - o Speech Therapy
 - o Occupational Therapy
 - o Physical Therapy

While some of the items listed above can take place in shared general education spaces, proper scheduling, storage, and school enrollment must be accounted for to ensure the space is adequate.

REASON(s):

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APPLICABLE SECTION/TABLE/FIGURE NUMBER(S) Secion II. Line A

PROPONENT(S) _____

REPRESENTING (LEA, FIRM, ETC.) Harford County Public Schools

CHECK ONE: | ☐ | Change section to read as follows EMAIL missy.valentino@hcps.org
 | ☒ | Add new section to read as follows PHONE 410-809-6124
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 | ☐ | Delete section without substitution

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USE SEPARATE SHEETS FOR SEPARATE TOPICS

SUGGESTED CHANGES TO THE DRAFT(s):

Section II. Line A. Should specifically mention ADA compliance. ADA compliance issues are not directly accounted for in the adequacy standards. When evaluating buildings, ADA compliance issues of older facilities should be included.

REASON(s):

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APPLICABLE SECTION/TABLE/FIGURE NUMBER(S) _____ Section V. Line A

PROPONENT(S) _____

REPRESENTING (LEA, FIRM, ETC.) _____ Harford County Public Schools

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| ☐ | Delete section and substitute as follows

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Underline material to be added

USE SEPARATE SHEETS FOR SEPARATE TOPICS

SUGGESTED CHANGES TO THE DRAFT(s):

Section V. Line A. – No mention to providing playground equipment for special needs students. Schools with Special education programs should offer playground equipment to accommodate the child's needs.

REASON(s):

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APPLICABLE SECTION/TABLE/FIGURE NUMBER(S) _____

PROPONENT(S) _____

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USE SEPARATE SHEETS FOR SEPARATE TOPICS

SUGGESTED CHANGES TO THE DRAFT(s):

Section VIII – Part D. Special education Item 1: The proposed classroom size for Special education is smaller than standard classroom size. This is not adequate. Rooms should be large enough that sub-areas can be created, as with screens, dividers, carrels, and furniture. Classrooms often need to accommodate several adults—teachers, consultants, related services personnel, paraprofessionals, aides, etc. Also, space requirements for Special Education classrooms must consider the needs of students with physical disabilities (canes, wheel chairs, etc)

Space Summary Table

- The Special Education Kitchenette is accounted for with storage area.
- Student health/counseling does not account for additional requirements of schools with specific special education programs. Some schools may require additional health services and therefore require additional space.

REASON(s):

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APPLICABLE SECTION/TABLE/FIGURE NUMBER(S) _____ None – Title I Schools

PROPONENT(S) _____

REPRESENTING (LEA, FIRM, ETC.) _____ Harford County Public Schools

CHECK ONE: | ☐ | Change section to read as follows EMAIL missy.valentino@hcps.org
 | ☒ | Add new section to read as follows PHONE 410-809-6124
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USE SEPARATE SHEETS FOR SEPARATE TOPICS

SUGGESTED CHANGES TO THE DRAFT(s):

Title I Schools

The adequacy standards do not address the additional space requirements of Title I schools. Title I schools offer additional resources to meet the needs of at-risk and low-income students. Title I funds are used to improve instructional activities, counseling, parental involvement, increase staff and program improvement. The implementation of these resources require administrators to allocate the appropriate space. While some spaces can serve multiple purposes, scheduling and having adequate, space to accommodate all of the school's needs quickly becomes a problem for school administrators. Additional spaces are needed for pullout small group instruction, counseling, offices, planning, storage, and meeting (for parent meetings).

REASON(s):

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APPLICABLE SECTION/TABLE/FIGURE NUMBER(S) _____ None – General Comments and Questions

PROPONENT(S) _____

REPRESENTING (LEA, FIRM, ETC.) _____ Harford County Public Schools

CHECK ONE: | ☐ | Change section to read as follows EMAIL missy.valentino@hcps.org
 | ☒ | Add new section to read as follows PHONE 410-809-6124
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Underline material to be added

USE SEPARATE SHEETS FOR SEPARATE TOPICS

SUGGESTED CHANGES TO THE DRAFT(s):

General Comments and Questions

There is concern that smaller systemic projects may no longer receive State funding. Local funding authorities may not fund projects that do not receive State funding making it difficult to maintain facilities.

These adequacy standards do not affect the local fiscal authorities. If smaller locally funded maintenance projects go unfunded, how will this impact State funding?

If one school system has facilities in worse condition than others, will they receive a larger share of the available State funding?

There is concern that the adequacy standards will be viewed as standards for new building construction rather than the minimum requirements of existing schools.

REASON(s):

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APPLICABLE SECTION/TABLE/FIGURE NUMBER(S) _____ Page 2, B.2.

PROPONENT(S) _____

REPRESENTING (LEA, FIRM, ETC.) _____ PGCPs, Capital Programs

CHECK ONE: ☐ Change section to read as follows EMAIL elizabeth.chaisson@pgcps.org
 ☐ Add new section to read as follows PHONE 301-952-6597
 ☒ Delete section and substitute as follows
 ☐ Delete section without substitution

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USE SEPARATE SHEETS FOR SEPARATE TOPICS

SUGGESTED CHANGES TO THE DRAFT(s):

Plumbing fixtures....In existing facilities, restrooms shall be available for classrooms for grades ~~5~~ **3** and below and special needs classrooms without having to exit the building. **This applies to the use of temporary relocatables for classrooms.**

2b Restrooms shall be available for classrooms for grades 1 and below without having to exit the classroom.

REASON(s):

A building is 'inadequate' if there are temporary relocatables. It is more inadequate if the temps are being used for grades 3 and below—particularly if they are not equipped with in-class restrooms.

2b-- There should be a minimum adequacy standard for Kindergarten and PreK classrooms concerning in-classroom restrooms.

June 9, 2017 Draft
IAC K12 School Facilities Adequacy Standards
CHANGE Proposal

MD PUBLIC SCHOOL CONSTRUCTION Attn: Robert Gorrell Robert.Gorrell@maryland.gov Tele (410) 767-0610	Item _____ (for staff use only)
--	------------------------------------

APPLICABLE SECTION/TABLE/FIGURE NUMBER(S) _____ Page 3, B

PROPONENT(S) _____

REPRESENTING (LEA, FIRM, ETC.) _____ PGCPs, Capital Programs

CHECK ONE: ☐ Change section to read as follows EMAIL elizabeth.chaisson@pgcps.org
 ☐ Add new section to read as follows PHONE 301-952-6597
 ☐ Delete section and substitute as follows
 ☐ Delete section without substitution

Line through material to be deleted

Underline material to be added

USE SEPARATE SHEETS FOR SEPARATE TOPICS

SUGGESTED CHANGES TO THE DRAFT(s):

Parking. A school site shall include a maintainable surfaced area that is stable, firm, and slip resistant and is large enough to accommodate ~~1.5 parking spaces/staff FTE and one student space/four high school students~~ the minimum number of handicapped parking spaces. ~~If this standard is not met,~~ alternative parking may be ~~approved~~ provided after the sufficiency of.....

REASON(s):

These are suburban parking standards that do not meet the goals of LEED, which suggests that the parking capacity not exceed minimum zoning.

June 9, 2017 Draft
IAC K12 School Facilities Adequacy Standards
CHANGE Proposal

MD PUBLIC SCHOOL CONSTRUCTION Attn: Robert Gorrell Robert.Gorrell@maryland.gov Tele (410) 767-0610	Item _____ (for staff use only)
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APPLICABLE SECTION/TABLE/FIGURE NUMBER(S) _____ Page 5, B.1

PROPONENT(S) _____

REPRESENTING (LEA, FIRM, ETC.) _____ PGCPs, Capital Programs

CHECK ONE: ☐ Change section to read as follows EMAIL elizabeth.chaisson@pgcps.org
 ☐ Add new section to read as follows PHONE 301-952-6597
 ☐ Delete section and substitute as follows
 ☐ Delete section without substitution

Line through material to be deleted

Underline material to be added

USE SEPARATE SHEETS FOR SEPARATE TOPICS

SUGGESTED CHANGES TO THE DRAFT(s):

1. Each general and specialty classroom shall contain a work surface and seat for each student in the classroom for classroom grades 1 and below.

REASON(s):

These standards are too restrictive for PreK and K classrooms outfitted for activity centres and carpeted floor gatherings.

June 9, 2017 Draft
IAC K12 School Facilities Adequacy Standards
CHANGE Proposal

MD PUBLIC SCHOOL CONSTRUCTION Attn: Robert Gorrell Robert.Gorrell@maryland.gov Tele (410) 767-0610	Item _____ (for staff use only)
--	------------------------------------

APPLICABLE SECTION/TABLE/FIGURE NUMBER(S) _____ Page 6, A.2.

PROPONENT(S) _____

REPRESENTING (LEA, FIRM, ETC.) _____ PGCPs, Capital Programs

CHECK ONE: ☐ Change section to read as follows EMAIL elizabeth.chaisson@pgcps.org
 ☐ Add new section to read as follows PHONE 301-952-6597
 ☐ Delete section and substitute as follows
 ☐ Delete section without substitution

Line through material to be deleted

Underline material to be added

USE SEPARATE SHEETS FOR SEPARATE TOPICS

SUGGESTED CHANGES TO THE DRAFT(s):

Middle School. Career and technology education programs shall be provided with no less than 3 net sf/student.

REASON(s):

We need an example of a program that would take up this much SF. According to COMAR, our middle school students might be learning about careers and developing a career plan. This could be taught in a regular classroom or computer lab. Were you thinking about a STEM lab??—Most of our existing MS are designed with old home ec and wood shop spaces.

MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT

I. **PURPOSE.** The purpose of Maryland Public School Facilities Assessment Standards (COMAR 13A.01.02.04) is to establish acceptable levels for the physical condition, capacity, and educational suitability of school facilities. The application of these standards shall be limited to space and attributes needed to support educational programs and curricula, defined by the Maryland State Board of Education, that is sustainable within the operational budget of the school systems for staffing, maintenance, and full utilization of the facilities. The Maryland Public School Facilities Assessment Standards are dynamic. The Interagency Committee on School Construction (IAC) plans to review them at least annually and change them as time and circumstances require. These standards are intended for use in the evaluation of existing public school facilities and ~~are shall not be used not intended~~ to limit the flexibility of design solutions for new construction and renovation projects. A companion document TO BE DEVELOPED is the Maryland Public School Planning Guide provided by the State for use in the programming and design of school projects to meet adequacy. The Maryland Public School Planning Guide is incorporated by reference into these standards and may be amended by the IAC with adequate notice and input from the public. *[Code of Maryland (COMAR) references in this document are to certain Title 13A regulations of the State Board of Education for State School Administration, General Instructional Programs, Specific Subjects, Special Instructional Programs, and Supporting Programs.]*

II. **GENERAL REQUIREMENTS.** These standards are not intended to supersede or omit, compliance with applicable building and fire code or any other code, regulation, law or standard that has been adopted by State agencies.

A. **Building condition.** A school facility must be safe (COMAR 13A.01.04.03) and capable of being maintained, as defined below.

1. **Structural.** A school facility must be structurally sound. A school facility shall be considered structurally sound and safe if the building presents no imminent danger or major visible signs of decay or distress.
2. **Exterior envelope.** An exterior envelope is safe and capable of being maintained if:
 - a) Walls and roof are weather tight under normal conditions with routine upkeep;

Commented [SC1]: How will this be able to be amended in the future?

Commented [SC2]: How will comments from all of the LEA's be incorporated? What if the comments do not align? What is there to say that any LEA has to use these adequacy standards in their district?

Commented [SC3]: Acceptable is vague. What is the definition of acceptable?

Commented [SC4]: When will this be developed? When will it be available for use? It is very difficult to review the adequacy standards without the companion document that is referenced throughout.

Commented [SC5]: How can a document that isn't even created be incorporated by reference? How can this document be completed without that document if they are dependent on each other?

Commented [SC6]: What does "capable of being maintained" mean? This is very subjective.

Commented [SC7]: Need a definition of routine upkeep. This could mean different things to different LEAs.

MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT

- b) *Doors and windows are weather tight under normal conditions with routine upkeep; and*
- c) *the building structural systems support the loads imposed on them.*
- 3. Interior surfaces. An interior surface is safe and capable of being maintained if it is:
 - a) *Structurally sound;*
 - b) *Capable of supporting a finish; and*
 - c) *Capable of continuing in its intended use with normal maintenance and repair.*
- 4. Interior finishes. An interior finish is safe and capable of being maintained if it is:
 - a) *Free of exposed lead paint;*
 - b) *Free of friable asbestos; and*
 - c) *Capable of continuing in its intended use with normal maintenance and repair.*

Commented [SC8]: Need definition of normal maintenance. This could mean different things to different LEAs.

B. Building systems. Building systems in a school facility must be in working order and capable of being properly maintained. Building systems include roof, plumbing, telephone, electrical, and heating and cooling systems, as well as fire alarm, 2-way internal communication, technological infrastructure, and security systems.

Commented [SC9]: What about sprinklers?

- 1. General. A building system shall be considered to be in working order and capable of being maintained if all of the following apply:
 - a) *The system is capable of being operated as intended and maintained.*
 - b) *Newly manufactured or refurbished replacement parts are available.*
 - c) *The system is capable of supporting the standards established in this rule.*
 - d) *Components of the system present no imminent danger of personal injury.*
- 2. Plumbing fixtures. A school facility shall be equipped with sanitary facilities in accordance with the Maryland Building Performance Standards as modified by the local jurisdiction. Fixtures shall include, but are not limited to, water closets, urinals, lavatories, and drinking fountains. ~~In all new construction, restrooms shall be available so students will not have to exit the building.~~ In existing permanent facilities, restrooms shall be available for general classrooms for grades 5 and below and special needs classrooms without having to exit the building, wherever possible within reasonable cost constraints.
- 3. Fire alarm and emergency notification system. A school facility shall have a fire alarm and emergency notification system as required by applicable State fire codes and emergency procedures.

MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT

4. 2-way communication system. A school facility shall have a 2-way internal communication system between a central location and each classroom, isolated office space, library media center, physical education space, cafeteria, and other regularly-used spaces.

III. CLASSIFICATION OF PUBLIC SCHOOLS. The classifications for public schools under these standards are:

- A. Elementary school
- B. Middle school
- C. High school
- D. Combination school (PK-8, K-8, 6-12, etc)
- E. Other school (includes special education centers, career technology centers, alternative education schools, etc.)

IV. SCHOOL SITE. Where possible or practical, A school site shall be of sufficient size to accommodate safe access, parking, drainage, and security (COMAR 13A.01.04.03). Additionally, the site shall be provided with an adequate source of water and appropriate means of effluent disposal.

A. Safe access. A school site shall be configured for safe and controlled access that separates pedestrian from vehicular traffic. If buses are used to transport students, then separate bus loading/unloading areas shall be provided wherever possible. Dedicated student drop-off and pickup areas shall be provided for safe use by student passengers arriving or departing by automobile, where possible.

B. Parking. A school site shall include a maintainable surfaced area that is stable, firm, and slip resistant and is large enough to accommodate the quantity of parking spaces that the LEA determines to be sufficient for the school population. 1.5 parking spaces/staff FTE and one student space /four high school students. If this standard is not met, a alternative parking may be approved after the sufficiency of parking at the site is reviewed by the IAC using the following criteria:

1. Availability of street parking around the school;
2. Availability of any nearby parking lots;
3. Availability of public transit;
4. Number of staff who drive to work on a daily basis; and

Commented [SC10]: Our students don't drive, most of our sites are not capable of this, and we don't need them to be.

MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT

5. average number of visitors on a daily basis.

C. Drainage. A school site shall be configured such that runoff does not undermine the structural integrity of the school buildings located on the site or create flooding, ponding, or erosion resulting in a threat to health, safety, or welfare.

D. Security.

1. All schools shall have safe and secure site fencing or other barriers with accommodations for safe passage through openings to protect students from the hazards of traffic, railroad tracks, steep slopes, animal nuisance, ~~and to discourage unauthorized access to the campus~~.

2. For schools which include students in grade 5 and below, a fenced or walled play equipment area, paved area, and field shall be provided. Play equipment areas shall have surfacing materials that meet or exceed safety specifications for shock absorbing qualities as outlined by the U.S. Consumer Product Safety Commission.

Commented [SC11]: The last part of the sentence is contradictory to the continual premise that schools are community assets and should be open to community use, including playgrounds, fields, etc.

V. SITE RECREATION AND OUTDOOR PHYSICAL EDUCATION. A school facility shall have area, space and fixtures, in accordance with the standard equipment necessary to meet the educational requirements of the public education department, for physical education activity. (COMAR 13A.01.02.05 and 13A.04.13, Physical Education only)

A. Elementary school. Safe play area(s) and playground(s) including hard surfaced court(s) and unpaved recreation area(s) shall be conveniently accessible to the students. Play area(s) and appropriate equipment for physical education and school recreational purposes shall be provided based on the planned school program capacity.

B. Middle school. Hard surfaced court(s) and playing field(s) for physical education activities shall be provided. Playing field(s) and equipment shall be based on the planned school program capacity.

C. High school. A paved multipurpose play surface and a playing field for physical education activities shall be provided. Playing fields and equipment shall be based on the planned school program capacity.

D. Combination school. A combination school shall provide the elements of the grades served by Subsections A, B and C above without duplication, but shall meet the highest standard.

No Fence

*Fence
OK
Playground
for Fence*

MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT

E. Other school. Other schools shall provide the elements above necessary to meet the educational requirements of the specific programs and capacity of the schools.

VI. ACADEMIC CLASSROOM SPACE. All classroom space shall meet or exceed the requirements listed below:

A. Classroom space. Classroom space shall be sufficient for appropriate educational programs for the class level needs.

B. Classroom fixtures and equipment

1. Each general and specialty classroom shall contain a work surface and seat for each student in the classroom. The work surface and seat shall be appropriate for the normal activity of the class conducted in the room.
2. Each general and specialty classroom shall have an erasable surface and a surface suitable for projection purposes, appropriate for group classroom instruction, and a display surface. A single surface may meet one or more of these purposes.
3. Each general and specialty classroom shall have storage for classroom materials or access to conveniently located storage.
4. Each general and specialty classroom shall have a work surface and seat for the teacher and for the aide assigned to the classroom, if any, and it shall have secure storage for student records that is located in the classroom or is convenient to access from the classroom.

C. Classroom lighting

1. Each general and specialty classroom shall have a light system capable of maintaining at least 50 foot-candles of well-distributed light. Provide appropriate task lighting in specialty classrooms where enhanced visibility is required.
2. The light level shall be measured at a work surface located in the approximate center of the classroom, between clean light fixtures.

D. Classroom temperature and relative humidity

1. Each general and specialty classroom shall have a heating, ventilation and air conditioning (HVAC) system capable of maintaining a temperature between 68 and 75 degrees Fahrenheit and a relative humidity between 30-60% at full occupancy.
2. The temperature and humidity shall be measured at a work surface in the approximate center of the classroom.

E. Classroom acoustics

Commented [SC12]: Student records should not be stored in a classroom, as this is too easily accessible by the students. Student records should be kept in a secure records storage area.

MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT

1. Each general and specialty classroom shall be maintainable at a sustained background sound level of less than 55 decibels.
2. The sound level shall be measured at a work surface in the approximate center of the classroom.

F. Classroom air quality

1. Each general, science, and fine arts classroom shall have an HVAC system that continually moves air and is capable of maintaining a CO2 level of not more than 1,200 parts per million.
2. The air quality shall be measured at a work surface in the approximate center of the classroom.

VII. GENERAL USE CLASSROOMS. (ENGLISH LANGUAGE ARTS/LITERACY, MATHEMATICS, SOCIAL STUDIES AND WORLD LANGUAGES (COMAR 13A.03, *General Instructional Programs and 13A.04, Specific Subjects*)).

A. Cumulative classroom net square foot (sf) requirements, excluding in-classroom storage space, shall be at least:

- | | |
|--------------------|---------------------------------|
| 1. Prekindergarten | 50 net sf/student |
| 2. Kindergarten | 50 net sf/student |
| 3. Grades 1 – 5 | ~~32-35~~ net sf/student |
| 4. Grades 6 – 8 | ~~28-32~~ net sf/student |
| 5. Grades 9 – 12 | ~~25-32~~ net sf/student |

B. At least 2 net sf/student shall be available for dedicated, in-classroom storage.

C. Sufficient number of classrooms shall be provided to meet local board mandated student/staff ratio requirements.

VIII. SPECIALTY CLASSROOMS.

A. Career and Technology Education (COMAR 13A.04.02 and 13A.04.10)

1. Elementary school. No requirement.
2. Middle school. Career and technology education programs shall be provided with no less than 3 net sf/student of the specialty program capacity of the school for career education. Each program lab or classroom space shall not be smaller than 650 net sf.

?? ~~INFORMATION~~ ~~PROGRAM~~ ~~SPECIFICATION~~

MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT

3. High school. Career and technology education programs space shall be provided to meet the required minimum guidelines for the provided program. with no less than 4 net sf/student of the specialty program capacity of the school for career education. Each program lab or classroom space shall not be smaller than 650 net sf. Cosmetology and barber programs shall comply with the sanitation requirements of the State Board of Cosmetologists and the State Board of Barbers, respectively.

Commented [SC13]: Health Sciences, Cosmetology, Building Construction Trades, Automotive, Culinary, Childcare – these ALL have very specific requirements on size, sanitation, required elements. The space needs to be built around the program requirement.

4. Combination school. A combination school shall provide the elements of the grades served by Paragraphs (1), (2) and (3) above without duplication, but meeting the higher standards.

5. Other school. Other schools shall provide the elements above necessary to meet the educational requirements of the specific programs and capacity of the schools.

Commented [SC14]: Where does ROTC fall? It isn't CTE, but it also has very specific requirements that must be met for the licensing of it.

B. Fine Arts Education. (COMAR 13A.04.16) A school facility shall have classroom space to deliver fine art education programs. Fine arts subjects include art, music, dance, and theater. Fine arts instruction shall be offered to each year for all students in PK-8. Fine arts instruction in 9 – 12 shall enable students to meet graduation requirements and select electives. Classroom space(s) for fine arts education shall not be smaller than the average classroom at the facility. Fine arts education classroom space(s) may be included in the academic classroom requirement and may be used for other instruction.

1. Elementary school. Fine arts education programs may be accommodated within a general use or dedicated arts classroom. Provide one dedicated classroom for each fine arts subject area staffed with greater than 0.5 full time fine arts teacher. Provide additional dedicated fine arts program storage of at least 60 net sf for each subject area per facility.

2. Middle school. Classroom space(s) for fine arts education programs shall have no less than 4 net sf/student of the specialty program capacity for the four fine arts subjects. Provide one dedicated classroom for each fine arts subject area staffed with greater than 0.5 full time fine arts teacher. Provide additional ancillary space for group music practice, individual music practice room(s), specialized storage/library rooms, and office(s). Provide additional dedicated fine arts program storage of at least 60 net sf for each subject area per facility.

3. High school. Classroom space(s) for fine arts education programs shall have no less than 5 net sf/student of the specialty program capacity for the four fine arts subjects. Provide additional ancillary space for group music practice, individual music practice room(s), specialized storage/library rooms, and office(s).

4. Combination school. A combination school shall provide the elements of the grades served by paragraphs (1), (2) and (3) above without duplication but meeting the higher standards.

5. Other school. Other schools shall provide the elements above necessary to meet the educational requirements of the specific programs and capacity of the schools.

MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT

C. Science (COMAR 13A.04.09)

1. For grades PK through 5, no additional space is required beyond the classroom requirement.
2. For grades 6 through 12, 4 net sf/student of the specialty program capacity for science is required. The space shall not be smaller than the average classroom at the facility. This space is included in the academic classroom requirement and may be used for other instruction. The space shall have science fixtures and equipment, in accordance with the standard equipment necessary to meet the educational requirements of the State Board of Education, Maryland Science Content Standards.
3. Provide at least 80 net sf for securable, well-ventilated storage/prep space for each science room having science fixtures and equipment. Storage/prep room(s) may be combined and shared between more than one classroom.

D. Special education (COMAR 13A.05.01) Maryland assures a free appropriate public education for all students with disabilities, birth through the end of the school year in which the student turns 21 years old, in accordance with the student's Individualized Education Program. Early Intervention Services for children from birth through two years is typically provided through the Maryland Infants and Toddlers Program. To the maximum extent appropriate, students with disabilities are educated in the least restrictive environment with students who are not disabled. A continuum of alternative placements shall be provided.

1. If a special education space is provided and the space is required to support educational programs, services, and curricula, the space shall not be smaller than ~~450 net sf~~ The average classroom at the facility.
2. When the need is demonstrated, additional space in the classroom shall be provided with, or students shall have an accessible route to: an accessible unisex restroom with one toilet, sink, washer/dryer, and shower stall/tub, as needed, and at least 15 net sf of storage.
3. When the need is demonstrated in 6th grade classrooms and above, a kitchenette (?) with at least 15 net sf of storage shall be provided.

E. Technology Education (COMAR 13A.04.02)

1. For grades K through 5, no additional space is required beyond the classroom requirement.
2. For grades 6 through 12, 4 net sf/student of the specialty program capacity for science is required. The space shall not be smaller than the average classroom at the facility. This space is included in the academic classroom requirement and may be used for other instruction.



Commented [SC15]: Indicating that less than a general classroom size is sufficient is a legality issue

MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT

3. The space shall have technology fixtures and equipment, in accordance with the standard equipment necessary to meet the educational requirements of the State Board of Education, Maryland Technology Education Content Standards, and in high school, the requirements of Maryland Advanced Technology Education electives.
4. Provide at least 80 net sf for securable, well-ventilated storage/prep space for each technology education room having technology fixtures and equipment. Storage/prep room(s) may be combined and shared between more than one classroom.

IX. PHYSICAL EDUCATION. (COMAR 13A.01.02.05 and 13A.04.13)

A. General requirements. Each local school system shall provide an instructional program in physical education each year for all students in grades PK-8. Each local school system shall offer a physical education program in grades 9 – 12 which shall enable students to meet graduation requirements and to select physical education electives. The following minimum spaces are required: gymnasium, teacher office or planning area, equipment storage, outdoor instructional playing field, and outdoor instructional hard surface area.

1. Elementary school. Provide a gymnasium with at least 2,200 net sf. This space may have multi-purpose use in accommodating other educational program activities such as art program performances.
2. Middle school. Provide a gymnasium with a minimum of 6,800 net sf.
3. High school. Provide a gymnasium with at least 10,000 nsf. Provide the elements of the grades served by Paragraphs (1), (2) and (3) above without duplication, but meeting the higher net sf standards.
4. Other school. Other schools shall provide the elements above necessary to meet the educational requirements of the specific programs and capacity of the schools.

B. Additional physical education requirements in addition to space requirements in Subsection A:

1. Elementary school. One office shall be provided. Separate physical education equipment storage shall be provided.
2. Middle school. One office shall be provided. Separate physical education equipment storage space shall be provided.
3. High school. Two dressing rooms shall be provided, with lockers, showers and restroom fixtures. Two offices shall be provided. Separate physical education equipment storage space shall be provided.

6,200

Commented [SC16]: Auxiliary gyms, wrestling rooms, dance rooms, weight rooms?

MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT

4. Combination school. A combination school shall provide the elements of the grades served by Paragraphs (1), (2) and (3) above without duplication, but meeting the higher standards.

5. Other school. Other schools shall provide the elements above necessary to meet the educational requirements of the specific programs and capacity of the schools.

X. SCHOOL LIBRARY MEDIA CENTER. (COMAR 13A.05.04) A school facility shall have a unified school library media program for the use of all students which shall include an organized and centrally managed collection of instructional materials and technologies and direct instruction. Provide space for collections, reference, circulation, instruction, workroom for staff, and storage.

A. Elementary school. The area for stacks and seating space shall be at least 3 net sf/student of the planned school program capacity. The space shall not be smaller than the average classroom at the facility. In addition, office/workroom space and secure storage shall be provided.

B. Middle or high school. The area for stacks and seating shall be at least 3 net sf/student of the planned school program capacity. The space shall not be smaller than the average classroom at the facility. In addition, office/workroom space and secure storage shall be provided.

C. Combination school. Provide the elements of the grades set out in Paragraphs (1) and (2) above without duplication, but meeting the higher standards.

D. Other school. Other schools shall provide the elements above necessary to meet the educational requirements of the specific programs and capacity of the schools.

XI. FOOD SERVICE (COMAR 13A.06.01)

A. Dining. A school facility shall have a space to permit students to eat within the school outside of general classrooms. Schools must offer lunches between 10 am and 2 pm. Schools are encouraged to provide sufficient lunch periods that are long enough to give all students enough time to be serviced and to eat their lunches. This space may have more than one function and may fulfill more than one adequacy standards requirement. Dining area shall be sized for the planned school program capacity for as many meal periods as scheduled by the school system. The dining area shall have no less than 15 net sf/seated student.

MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT

- B. Serving area shall be provided in addition to dining area.
- C. Kitchen. Kitchen and equipment shall comply with either the food preparation kitchen or the serving kitchen standards defined as follows:
 - 1. Food preparation kitchen. Provide 2 net sf/meal served minimum based upon the single largest serving period.
 - 2. Serving kitchen. Where food is not prepared, there shall be a minimum of 200 net sf with a hand wash sink and a phone.

XII. OTHER FACILITY AREAS.

- A. Administrative space. A school facility shall have space to be used for the administration of the school. The space shall consist of a minimum of 150 net sf, plus 1.5 net sf/student of the planned school program capacity.
- B. Faculty workroom/lounge. A school facility shall have workspace/lounge available to the faculty. This space is in addition to any workspace/lounge available to a teacher in or near a classroom. The space shall consist of 1 net sf/student of the planned school program capacity with no less than 150 net sf. The space may consist of more than one room and may have more than one function. This space shall include a break area with a sink.
- C. Health services. (*COMAR 13A.01.02.05 and 13A.05.05.10A*) A school facility shall have a dedicated health services space with areas for waiting, examination and treatment, resting, storage, and an accessible toilet room. There shall be a separate room for private consultations and for use as a health service professional's office. Provide lockable cabinets for medical records and medications and at least one sink in addition to the sink in the toilet room. Provide a minimum of 500 net sf.
- D. Pupil services. (*COMAR 13A.05.05*) A school shall provide a coordinated program of pupil services for all students which shall include, but not be limited to, school counseling, pupil personnel, school psychology, and health services. The school facility shall provide a minimum of 120 net sf for each discipline, except school health services, staffed with greater than a 0.5 full time professional

MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT

XIII. GENERAL STORAGE (EXCLUDES LOCKERS, JANITORIAL, KITCHEN, GENERAL CLASSROOM, SPECIALTY CLASSROOMS, AND ADMINISTRATIVE STORAGE). For storage, at least 1 net sf/student of the planned school program capacity may be distributed in or throughout any type of room or space, but may not count toward required room square footages. General storage must be securable and include textbook storage.

XIV. MAINTENANCE OR JANITORIAL SPACE. Each school shall designate 0.5 net sf /student of the planned school program capacity for maintenance or janitorial space. Janitorial space shall include a janitorial sink.

XV. STANDARDS VARIANCE.

A. The IAC may grant a variance from any of the adequacy standards if it determines that the intent of the standard can be met by the school system in an alternate manner or if a variance is required for appropriate programmatic needs as demonstrated by the school system. If the IAC grants the variance, the school system shall be deemed to have met the standard.

B. The IAC may, with adequate justification, also grant a variance from any of the provisions of the Maryland Public School Planning Guide (TO BE DEVELOPED) provided by the State for use in the programming and design of school projects to meet adequacy. Such variance shall be considered through an appeal to the IAC by the school system following a final administrative interpretation of the planning guide. Procedures for achieving final administrative interpretation and filing an appeal to the IAC for a variance are as provided for in the Planning Guide.

Missing Elements:

MARYLAND PUBLIC SCHOOL FACILITIES ADEQUACY STANDARDS – DRAFT

1. PK/K should have bathrooms in their classrooms.
2. Security – minimal elements for security should be indicated. Secure vestibule. Restricted access system (buzzer/camera). Security cameras.
3. Community space – schools are the hubs of the community
4. Technology. All schools should have at minimum the technology infrastructure to support the required State testing program and to address the technology graduation requirements.
5. None of these adequacy standards address how we provide facilities that are capable of providing a 21st Century education, address the elements that top businesses have indicated are needed from students (collaboration skills, critical thinking skills, communication skills and creativity), or reflect how we accommodate differentiated learning.
6. How do these standards compare to other states, not just New Mexico?
7. How can these standards promote equity between districts given the variety of socio-economic and demographic differences throughout the state?
8. How will these measures be able to be rated quantifiably and not just qualitatively?

End of Standards

X 9. ADA - RESOURCE ACCOMMODATED?

10. ADULTS?

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SCHOOL
62 WINDOWS
SHOT OUT
LEAD+WATER
E.S.

DRAFT

**Worcester County Public Schools
FY 2019 Capital Improvement Program Request
Presentation to the Board of Public Works October 18, 2017**

Presenter: Mr. Louis H. Taylor, Superintendent

I. Brief Summary of the Unique Challenges, such as enrollment growth or decline, and Upkeep of PK-12 School Facilities:

- Following the 1997 construction of Stephen Decatur Middle School to relieve overcrowding, the Worcester County Board of Education and Worcester County Commissioners developed and executed an aggressive and ambitious school construction program. The goal of the program was to address facility and instructional deficiencies in 1950's vintage schools and to address overcrowding due to ongoing population growth in Worcester County.
- From 1980 through 2000, Worcester County experienced a 50% increase in total population which resulted in a 28% increase in school enrollment.
- From 1997 through 2016, WCPS completed renovation/addition projects at five schools. The total construction cost for these five projects was \$145,000,000. Total State funding for these projects totaled \$35,000,000 (24%).
The total project cost, including A/E fee, CM fee, technology and FFE was \$179,000,000
- The Showell Elementary Replacement School project is the sixth and final phase of the school construction program envisioned 20 years ago.
- Following construction of the Showell Replacement School, we are planning an addition to Stephen Decatur Middle School and then a sustained program of systemic renovation projects including roof replacements at two middle and one elementary schools.
- Actual enrollment for 2016 was 6,667 students. We are projecting an enrollment of 6,679 students for 2017 which is within 66 students of our total enrollment from 10 years ago. Projected enrollments identify an enrollment of nearly 7,000 students by 2026. Student enrollment has, and is projected to continue, to be stable. Future school construction in Worcester County will be driven by aging facilities.
- Although we are considered one of Maryland's wealthiest counties, as evidenced by our 50% State-Local Cost Share Percentage for school construction, 42% of all Worcester County students were eligible for the Free and Reduced Meal Program during the 2016-2017 school year. This includes 67% of the students served by our three Pocomoke area schools, 49% of the students served by our three Snow Hill area schools and 51% of the Berlin area elementary school students.

II. County Information:

- Number of PK-12 students – 7,225
NOTE: REVISED: 6,679 (Projected September 2017 enrollment)
- Square miles with County – 695
NOTE: REVISED: Total County Square Miles = 584.85 broken down as follows: Land Sq. Mi = 471.49, Uninhabited Islands = 16.86, Total Land = 454.63, Water = 113.36 Per Worcester County Government, Development, Review and Permitting Office.
- Average number of students per square mile – 10
NOTE: REVISED: 6,679 / 454.63 (Habitable land) = 14.69 (15)

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**Worcester County Public Schools
FY 2019 Capital Improvement Program Request
Presentation to the Board of Public Works October 18, 2017**

- Total number of school facilities - 14
- III. Total current estimated cost of repair (replacement schools, needed schools, needed renovations, needed correction of deferred maintenance) for all school facilities: **\$67,871,000**
(Note: This amount includes the estimated \$42,406,000 project cost for the Showell Elementary Replacement School.)
***INTERROGATORY #1:** Worcester County calculated "Replacement Costs" using the \$320/sf cost identified in the State "Fiscally Sustainable School Facilities" document (page 3 of 3, note 2). We are assuming that this cost does not include associated site work or overall project costs since the State FY19 CIP building + site cost is \$360/sf. Please clarify that all LEA's will be using the \$320/sf cost for consistency or provide other cost to use for calculating "Replacement Cost".*
- IV. Current estimated average of schools Facility Condition Index (FCI): **15.88%**
[FCI % = facility's total repair costs / facility's replacement cost]
15.88 % = \$67,871,000 / \$427,493,360
Four of Worcester County's 14 schools have an FCI of 0%: Ocean City Elementary (constructed 2005), Worcester Technical High School (constructed 2008), Pocomoke High (renovated 2011) and Snow Hill High (renovated 2016).
- V. Total cost of all projects listed in the 6 year CIP Request: **\$59,790,000**
***INTERROGATORY #2:** The \$59,790,000 identified on the FY19 CIP IAC/PSCP Form 102.4 includes all PROJECT costs (A/E, CM, FFE, Technology). Concerned that we are, perhaps inconsistently, providing and discussing building square foot costs, building + site costs and total project costs within the template.*
- VI. Current LEA average PSCP Maintenance Score: **Overall Rating 88.53 = Good**
- Summary of maintenance efforts and challenges:
 - The Worcester County Public Schools 13-person Maintenance Department is responsible for the maintenance and repair of 1.3 million square feet of facilities encompassing 14 school facilities, 35 portable classrooms and the Central Office and 430 acres of school grounds.
 - Although Worcester County has aggressively addressed aging school facilities over the past 20 years, seven of our schools were constructed between 38 and 47 years ago and have had no comprehensive renovations since original construction.
 - These aging facilities provide maintenance, upkeep and repair challenges for both our Maintenance Department and the school custodial staffs.
 - The overall PSCP Maintenance Score illustrates the efforts of our team to meet those challenges and to provide our students functional, well maintained and quality school facilities even in those facilities approaching 50 years of service.
 - Local, state and national economic conditions over the past decade have served to limit the amount of local funding available to our staff for maintenance and repairs. Again, however our Maintenance and Custodial teams have 'done more with less' and have provided each of our students quality schools for learning.

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**Worcester County Public Schools
FY 2019 Capital Improvement Program Request
Presentation to the Board of Public Works October 18, 2017**

VII. What do you currently estimate as the total cost per square foot for a new school in your area inclusive of site, design, FF&E, etc.?:

- Comment on construction costs and challenges:
- Our current project cost estimate for the Showell Elementary Replacement School, scheduled to bid in June 2018 is:
 - i. Building cost/s.f.: \$ 305.00
 - ii. Sitework: \$ 3,000,000
 - iii. Other project costs: \$ 8,200,000 (A/E, CM, FFE, Technology)
 - iv. Project Cost/S.F.: \$ 42,406,000 / 97,613 s.f. = \$434.43/sf

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Worcester County Public Schools
FY 2019 Capital Improvement Program Request
Presentation to the Board of Public Works October 18, 2017

VIII. Listing of FY19 CIP Request (two types):

New School, Replacement School, Total Renovation that results in like-new condition

Project Description for New School, Replacement School, or Total Renovation that results in a LIKE- NEW CONDITION of the school	LEA Priority (#)	Total Estimated Cost (\$)	LEA Share (\$)	State Share (\$)	New Funding Request (Y/N)	Previously Funded Project (Y/N)	County Has Forward Funded (Y/N)	Comments
Showell Elementary - Replacement	1	42,406	33,734	8,672	Y	N		
Total Cost		42,406	33,734	8,672				

Systemic projects, Additions, and Renovations that DO NOT result in like-new school

Project Description for Systemic projects, Additions, Renovations, and for other capital work that DOES NOT result in a like-new condition of the school	LEA Priority (#)	Total Estimated Cost (\$)	LEA Share (\$)	State Share (\$)	New Funding Request (Y/N)	Previously Funded Project (Y/N)	County Has Forward Funded (Y/N)	Comments
N/A								

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**Current Estimated Schools Facility Condition Index
Worcester County Public Schools**

School	Cost of Repairs	SF	Portable	Total SF	Replacement Cost	FCI
Buckingham Elem.	\$1,434,000	49,000	3,840	52,840	\$16,908,800	8.48%
Ocean City Elem.	\$0	87,477	0	87,477	\$27,992,640	0.00%
Pocomoke Elem.	\$387,000	52,512	0	52,512	\$16,803,840	2.30%
Showell Elem.	\$42,406,000	52,610	6,912	59,522	\$42,406,000	100.00%
Snow Hill Elem.	\$702,000	40,500	3,840	44,340	\$14,188,800	4.95%
Cedar Chapel Special	\$302,000	17,175	0	17,175	\$5,496,000	5.49%
Berlin Intermediate	\$529,500	101,000	4,608	105,608	\$33,794,560	1.57%
Pocomoke Middle	\$3,748,500	87,600	0	87,600	\$28,032,000	13.37%
Stephen Decatur Middle	\$12,660,000	79,500	6,912	86,412	\$27,651,840	45.78%
Snow Hill Middle	\$4,100,000	90,000	768	90,768	\$29,045,760	14.12%
Pocomoke High	\$0	124,202	0	124,202	\$39,744,640	0.00%
Snow Hill High	\$0	122,310	0	122,310	\$39,139,200	0.00%
Stephen Decatur High	\$1,602,000	193,077	0	193,077	\$61,784,640	2.59%
Worcester Tech	\$0	139,077	0	139,077	\$44,504,640	0.00%
	\$67,871,000	1,236,040	26,880	1,262,920	\$427,493,360	15.88%

Notes:

1. Worcester County does not have a current/complete facilities condition assessment. Costs are estimates only.
2. 'Replacement Cost' calculated using \$320/sf per State "Fiscally Sustainable School Facilities" document.

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SECTION II - DISCUSSION ITEMS AND DEFERRED ITEMS – cont'd**C. AMENDMENTS TO REGULATIONS – STATE COST SHARE PERCENTAGES****Background****State Cost Share Percentages** (Amend Existing COMAR 23.03.02.05)

By regulation, every three years the IAC shall recommend to the Board of Public Works the State-Local Cost Share Percentages that determine the State funding participation for individual projects approved in the annual Capital Improvement Program (CIP). The Cost Share Percentage for each local educational agency (LEA) is based on calculations that consider the factors described in COMAR 23.03.02.05:

- The LEA's current share of the Foundation program;
- The LEA's allocation under the guaranteed tax base program;
- The LEA's Free and Reduced Price Meal student population;
- The LEA's location in a Distressed County as defined by the Department of Business and Economic Development;
- The LEA's student enrollment growth; and
- The local government's financial effort toward school construction since the previous calculation

Attached for your information are the proposed Cost Share Percentages that will apply to the FY 2019 through FY 2021 CIPs; for comparison, the Cost Share Percentages for FY 2018 are also shown. The Percentage of six (6) LEAs will increase, nine (9) LEAs and the Maryland School for the Blind Percentage's will remain unchanged, and the Percentage of nine (9) LEAs is decreased. By regulation a decrease in Percentage cannot exceed 5% in any fiscal year. Therefore, for Baltimore City the decrease will occur over two (2) fiscal years.

Explanation:

As stated in COMAR, this regulation was due to be amended last October, and percentages are necessary for the FY 2019 CIP. However, there are factors that delayed this process. Previously, the Public School Construction Program worked with DLS to collect and analyze data necessary to calculate the Percentages. The process now involves the PSCP, MSDE, and DLS. Further, there was hesitation to begin this work amongst participants as the 21st Century Schools Commission, in reviewing all aspects of the Public School Construction Program, might have altered the current practice. This delay was then compounded by the loss of key PSCP staffs that were assigned this work.

Once the COMAR State participation Percentages for FY19 through FY21 are approved by the IAC, they will be submitted to the Board of Public Works for consideration at their meeting on October 4, 2017. The amended regulation then goes through the AELR process and comment period. It is our intention to distribute the final Cost Share Percentages to the LEAs and the local governments in the week of November 6 for use in their FY 2019 CIP requests.

Motion:

TO RECOMMEND APPROVAL TO THE BOARD OF PUBLIC WORKS OF AN AMENDMENT TO EXISTING REGULATION 23.03.02.05 REGARDING THE STATE-LOCAL COST SHARE PERCENTAGES.

IAC ACTION: THE ABOVE REFERENCED ITEMS WERE:					
	Approved	Disapproved	Deferred	Abstain	Recuse
Dr. Karen Salmon	☐	☐	☐	☐	☐
Ms. Wendi Peters	☐	☐	☐	☐	☐
Mr. Ellington Churchill, Jr.	☐	☐	☐	☐	☐
Ms. Barbara Hoffman	☐	☐	☐	☐	☐
Mr. John Bohanan	☐	☐	☐	☐	☐

Title 23 BOARD OF PUBLIC WORKS**Subtitle 03 PUBLIC SCHOOL CONSTRUCTION****Chapter 02 Administration of the Public School Construction Program**

Authority: Education Article, §§4-126, 5-112, and 5-301, Annotated Code of Maryland

.05 State Cost Share Percentage

A. The State may fund eligible costs of approved public school construction projects according to the State cost share percentage established in this regulation.

B. Percentages.

- (1) For Fiscal Year [2016] 2019 through Fiscal Year [2018] 2021, the State share percentages of public school construction funding for eligible costs of approved projects are as follows:

[COUNTY	FY 2016	FY 2017	FY 2018		COUNTY	FY 2019	FY 2020	FY 2021
<i>Allegany</i>	88%	83%	83%		<i>Allegany</i>	85%	85%	85%
<i>Anne Arundel</i>	50%	50%	50%		<i>Anne Arundel</i>	50%	50%	50%
<i>Baltimore City</i>	93%	93%	93%		<i>Baltimore City</i>	88%	87%	87%
<i>Baltimore</i>	52%	52%	52%		<i>Baltimore</i>	56%	56%	56%
<i>Calvert</i>	53%	53%	53%		<i>Calvert</i>	53%	53%	53%
<i>Caroline</i>	80%	80%	80%		<i>Caroline</i>	81%	81%	81%
<i>Carroll</i>	59%	59%	59%		<i>Carroll</i>	55%	55%	55%
<i>Cecil</i>	64%	63%	63%		<i>Cecil</i>	66%	66%	66%
<i>Charles</i>	61%	61%	61%		<i>Charles</i>	61%	61%	61%
<i>Dorchester</i>	76%	76%	76%		<i>Dorchester</i>	75%	75%	75%
<i>Frederick</i>	64%	64%	64%		<i>Frederick</i>	60%	60%	60%
<i>Garrett</i>	50%	50%	50%		<i>Garrett</i>	50%	50%	50%
<i>Harford</i>	63%	63%	63%		<i>Harford</i>	60%	60%	60%
<i>Howard</i>	55%	55%	55%		<i>Howard</i>	54%	54%	54%
<i>Kent</i>	50%	50%	50%		<i>Kent</i>	50%	50%	50%
<i>Montgomery</i>	50%	50%	50%		<i>Montgomery</i>	50%	50%	50%
<i>Prince George's</i>	63%	63%	63%		<i>Prince George's</i>	70%	70%	70%
<i>Queen Anne's</i>	50%	50%	50%		<i>Queen Anne's</i>	51%	51%	51%
<i>St. Mary's</i>	59%	58%	58%		<i>St. Mary's</i>	57%	57%	57%
<i>Somerset</i>	100%	100%	100%		<i>Somerset</i>	96%	96%	96%
<i>Talbot</i>	50%	50%	50%		<i>Talbot</i>	50%	50%	50%
<i>Washington</i>	71%	71%	71%		<i>Washington</i>	71%	71%	71%
<i>Wicomico</i>	97%	97%	97%		<i>Wicomico</i>	95%	95%	95%
<i>Worcester</i>	50%	50%	50%]		<i>Worcester</i>	50%	50%	50%

C.1 -2 Text unchanged.

BALTIMORE CITY PUBLIC SCHOOLS

SUPPLEMENTAL

Catherine E. Pugh
Mayor, City of Baltimore

Cheryl A. Casciani
*Chair, Baltimore City Board of
School Commissioners*

Dr. Sonja Brookins Santelises
Chief Executive Officer

September 7, 2017

Interagency Committee on School Construction
200 W. Baltimore Street
Baltimore, MD 21201

RE: State Cost Share FY 2019-FY 2021

Dear Members of the IAC,

Thank you for speaking with City Schools staff last week about our concerns regarding the proposed changes to the state cost share calculations. While I understand that the IAC is required to update the state cost share every three years, we would suggest that there be additional time to align any changes with the statewide review of the use of wealth and enrollment data. In addition, we are requesting the inclusion of other sources of City Schools' debt into the state cost share calculation to accurately reflect City Schools' financial position. We've also included an analysis of select FY 2019 CIP projects to demonstrate the significant impact the proposed change in the state cost share using the existing calculations would have on City Schools' ability to complete much needed capital projects.

Wealth and Enrollment Calculations

The calculations used for the state cost share include wealth, enrollment, free and reduced price meals data, and outstanding debt among other items. While this has been the standard practice, the use of this data is now problematic. In fact, the General Assembly passed legislation in 2017 that would exclude certain items from the wealth calculation, such as tax increment financing (TIFs) because it realizes that TIFs may negatively impact state funding for those school districts that are in a county that uses TIFs or other economic incentives to fund redevelopment and attract residents. While this correction to the funding formula will be put in place for future fiscal years, the adjustment should be applied retroactively to the data being used for the purposes of the FY 2019 to FY2021 state cost share calculation.

The General Assembly also realized that large drops in enrollment can negatively impact the education formula so it agreed to lessen this impact by using a three-year average of enrollment for funding school systems. The Commission on Innovation and Excellence in Education (Kirwan Commission) has also been meeting to discuss modifications to the current education funding formula in light of the above listed items as well as questions about whether the current formula meets the standard for educational adequacy. The Commission will have recommendations in December 2017. If the Kirwan Commission determines that the operating funding formula must change, it would seem that any changes in the state cost share calculations would need to be modified so as not to be using data that has been proven to be inappropriate.

In addition, the foundation calculation does not include the additional funding provided as part of the Geographic Cost of Education Index (GCEI) calculation. We would like to understand the rationale for not including those components of the funding formula in the foundation calculation as the State often

reports GCEI as part of the foundation funding. The amount captured in the existing state share formula is \$372 million for FY 2017 and is \$395 million in the foundation state aid calculations.

City Schools' Debt

In the process of reviewing the state cost share formula it has recently come to City Schools' attention that the local debt calculations do not include debt issued by City Schools. This substantial underreporting of local effort towards school construction reduces the state cost share and does a disservice to the children of Baltimore City. As of June 30, 2015 this amount is \$127 million. We are in the process of providing accurate data to ensure the calculation is corrected moving forward. This review of the formula has also led to an additional question that should be considered when adopting a new formula moving forward.

The historic 21st Century Buildings Program and the partnership created by the General Assembly to begin the process of rebuilding school facilities in the City includes annual contributions from City Schools and the City's operating budget to support the issuance of bonds. We would like to request that the \$40 million per year that is dedicated to school construction in the city be counted in the debt effort portion of the state cost share formula. While the program would not be possible without the support of the State and our partners, the contributions from City Schools and the City are from operating dollars that would otherwise be supporting other functions.

Impact of Proposed State Cost Share

The last update of the state cost share for Baltimore City resulted in a decrease from 97% to 93% for FY 2016-2018. The proposed reduction from 93% to 88% in FY 2019 and to 87% for FY 2020-2021 would further hamper the school system's ability to complete capital projects.

As an example, City Schools' anticipated highest priority systemic projects for the FY 2019 CIP includes three HVAC projects which were partially funded in FY 2016 and FY 2017, and for which contingency funds were requested in FY 2018 to expedite the completion of the projects.

However, as explained in our correspondence regarding rescission funding, due to the lag in time between original cost estimates included in the CIP funding request in 2014 and receipt of the final portion of CIP funding from the IAC in 2017, the estimated project cost for all three projects increased by a total of \$3 million and the projects had to be rescinded. As we have discussed, the increase in estimated project costs and higher project bids has been a direct result of partial funding allocated from the state, not because of receiving slow bid responses. See Exhibit A below:

Exhibit A								
Building	Project	Original Estimated Cost (2014)	Lowest Bid as of April 2017	State Funds @ 93%	Local Funds @ 7%	State Funds @ 88%	Local Funds @ 12 %	Difference in State Funds
Roland Park EM	HVAC	5,000,000	6,317,000	4,939,894	1,377,106	4,624,044	1,692,956	(315,850)
The Historic Sam. Coleridge-T. E	HVAC	7,500,000	8,383,000	6,555,506	1,827,494	6,136,356	2,246,644	(419,150)
Garrett Heights EM	HVAC	4,200,000	4,943,000	3,865,426	1,077,574	3,618,276	1,324,724	(247,150)
Totals		16,700,000	19,643,000	15,360,826	4,282,174	14,378,676	5,264,324	(982,150)

Now that the projects are being resubmitted in the FY 2019 CIP, the updated state cost share of 88% would result in the state portion for these three projects to decrease by approximately \$1 million. For

the remainder of the systemic projects being submitted for FY 2019, the difference in state funds based on the current 93% state cost share and the proposed 88% could be an additional \$2.3 million.

Due to City Schools' limited local funding of \$17M per year for capital improvement and our inability to pay for school construction first and then be reimbursed for projects later like most other LEA's in the state, it is clear that a reduction in the funding formula would significantly affect our ability to fund many substantive projects. By reducing the state share, it is possible that City Schools may not have enough local matching funds for all state approved projects. This fact should further emphasize that the formulas to determine the state cost share are problematic for Baltimore City Public Schools.

I understand that per the Code of Maryland Regulations, the IAC is required to update the state cost share every three years, and the revision is scheduled for FY 2019. However, it is imperative that the IAC consider City Schools' suggestions for adjusting the calculations and the amount of City Schools' debt included in the formula. I appreciate you giving us an opportunity to provide feedback and thank you for considering the matters presented in this letter as you review and revise the state cost share formula and calculation.

Sincerely,



Dr. Sonja Brookins Santelises
Chief Executive Officer



Cheryl Casciani
Chair, Baltimore City Board of School Commissioners

cc: Barbara Hoffman
John Bohanan
Karen Salmon
Wendi Peters
Ellington Churchill
Robert Gorrell
Alison Perkins-Cohen
J. Keith Scroggins
Dawana Sterrette
Dr. Lynette Washington
Dr. Nichole Stewart

SECTION II – DISCUSSION ITEMS AND DEFERRED ITEMS

D. MAINTENANCE INSPECTION PROGRAM:

FY 2017 Annual Maintenance Survey Report

The IAC is required to report to the Governor and General assembly by October 1 each year on the results of the maintenance surveys in the prior fiscal year. The annual report entitled “Maintenance of Maryland’s Public School Buildings” for FY 2017 is in the process of being completed at this time and a draft of the report is expected to be completed and submitted to the IAC for comment by September 19, 2017. This draft report will be submitted at the same time to both the Department of Budget and Management (DBM) and the Governor’s Legislative Office (GLO) as required. If we receive any comments requiring edits from DBM, GLO, or the IAC, we will revise as necessary and submit to the IAC at a subsequent date. Upon acceptance, this report will be immediately submitted to the General Assembly and to the Board of Public Works.

FY 2018 Annual Maintenance Inspection Schedule

In accordance with the differential accountability method implemented by the IAC at a prior meeting, the Overview of LEA Performance report (attached) has been updated and used to analyze the inspection results data from fiscal years FY 2013 through FY 2017 to determine LEAs that have not received a high percentage of *Superior* and *Good* ratings. Accordingly, PSCP will continue to focus its evaluation of maintenance on those LEAs that have achieved lesser results by doing more maintenance surveys in those jurisdictions. PSCP will continue to conduct a total of 220 maintenance inspections this fiscal year.

Attachments:

- FY 2018 Maintenance Inspection Data
- # of Maintenance Inspections Per Year Per LEA
- FY 2018 Maintenance Inspection Breakdown
- PSCP Maintenance Program Overview of LEA Performance (Updated 8/8/17)

FOR INFORMATION ONLY
NO ACTION REQUIRED

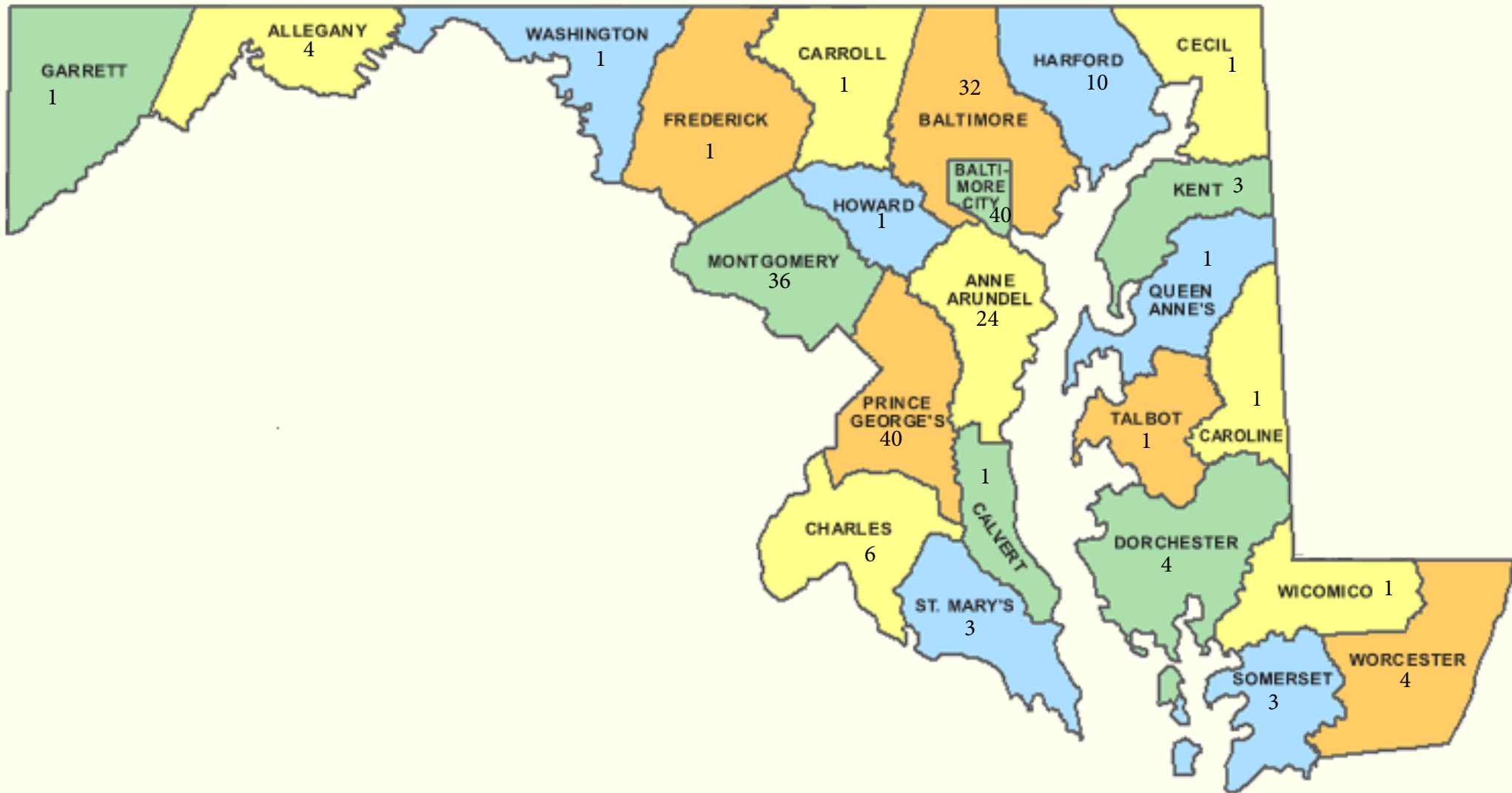
**PUBLIC SCHOOL CONSTRUCTION PROGRAM
MAINTENANCE INSPECTION PROGRAM
OVERVIEW OF LEA PERFORMANCE**
Updated 8/8/17

NOTES:	(1)	For any LEA, survey results are highly influenced by the sample that's chosen in a particular year and may vary considerably from year to year.
	(2)	Many factors influence survey outcomes, including the size of the district, the characteristics of its student population, the age of the facilities, climatic conditions, and leadership (central office and school-based)
	(3)	"Adjusted Age of School": Based on a formula that weighs the size of a school area with its age (most schools represent two or more building phases at different times)
	Superior + Good	
	Not Adequate + Poor	
QUALITY LEGEND	Noteworthy	Superior plus Good = 96% or more
	Good job	Superior plus Good = 86% to 95%
	Acceptable	Superior plus Good = 76% to 85%
	High concern	Superior plus Good = 66% to 75%
	Unacceptable	Superior plus Good = less th. 65%
		Not Adequate + Poor = 0%
		Not Adequate + Poor = 1% to 4%
		Not Adequate + Poor = more th. 5%

LEA	LEA CHARACTERISTICS														FIVE-YEAR SUMMARY, FY10 - FY14								FIVE-YEAR SUMMARY, FY13 - FY17																																				
	TOT. NO. SCHOOL	FY 2018 Insp.	AVG. AD-JUSTED AGE OF SCHOOLS	AGE TIERS OF SCHOOL FACILITIES											NO. SCHOOLS SUR-VEYED,				NO. SCHOOLS SUR-VEYED,																																								
				(number of schools in												FY10-14	SUPERIOR + GOOD			ADE-QUATE	NOT ADEQUATE + POOR			FY13-17	SUPERIOR + GOOD			ADE-QUATE	NOT ADEQUATE + POOR																														
				each tier)													S	G			Tot:	A			NA	P	Tot: NA + P		S	G	Tot:	A	NA	P	Tot: NA + P																								
			0-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51+		S	G	S + G	A	NA	P	Tot: NA + P		S	G	S + G	A	NA	P	Tot: NA + P																														
Allegany	22	4	36	0	1	0	2	3	1	0	7	4	2	2	16	25%	63%	88%	13%	0%	0%	0%	16	6%	75%	81%	19%	0%	0%	0%																													
Anne Arundel	120	24	29	10	10	6	16	8	18	6	7	16	10	13	100	8%	55%	63%	36%	1%	0%	1%	102	5%	61%	66%	34%	0%	0%	0%																													
Baltimore City	159	40	41	2	2	4	6	9	7	20	21	23	20	46	104	4%	26%	30%	51%	18%	1%	19%	169	0%	17%	17%	66%	17%	0%	17%																													
Baltimore Co	163	32	33	7	11	6	4	8	27	26	30	17	7	19	122	4%	70%	74%	26%	0%	0%	0%	128	0%	69%	69%	28%	0%	0%	0%																													
Calvert	26	1	26	1	2	2	6	4	1	3	5	1	0	1	20	50%	45%	95%	5%	0%	0%	0%	18	39%	61%	100%	0%	0%	0%	0%																													
Caroline	10	1	27	1	1	2	0	0	1	1	1	3	0	0	9	33%	67%	100%	0%	0%	0%	0%	8	25%	75%	100%	0%	0%	0%	0%																													
Carroll	40	1	25	1	2	5	6	11	5	2	3	4	0	1	34	26%	68%	94%	6%	0%	0%	0%	30	17%	77%	93%	7%	0%	0%	0%																													
Cecil	29	1	27	1	2	4	4	7	1	2	2	2	2	2	26	62%	35%	96%	4%	0%	0%	0%	20	60%	35%	95%	5%	0%	0%	0%																													
Charles	38	6	29	1	3	3	3	6	2	4	11	3	1	1	30	17%	70%	87%	13%	0%	0%	0%	26	0%	77%	77%	10%	0%	0%	0%																													
Dorchester	14	4	32	1	1	1	1	0	0	2	5	2	0	1	12	42%	33%	75%	25%	0%	0%	0%	11	9%	55%	64%	36%	0%	0%	0%																													
Frederick	68	1	30	2	6	7	7	6	7	5	7	7	7	6	53	15%	85%	100%	0%	0%	0%	0%	44	11%	89%	100%	0%	0%	0%	0%																													
Garrett	13	1	29	0	1	1	1	0	3	3	3	1	0	0	13	23%	77%	100%	0%	0%	0%	0%	10	20%	80%	100%	0%	0%	0%	0%																													
Harford	53	10	29	1	6	3	6	9	3	3	10	4	6	2	39	8%	70%	78%	23%	0%	0%	0%	50	6%	72%	78%	22%	0%	0%	0%																													
Howard	75	1	16	8	13	15	19	12	3	0	3	0	0	0	61	20%	76%	97%	3%	0%	0%	0%	63	16%	83%	98%	2%	0%	0%	0%																													
Kent	7	3	40	0	0	0	0	1	1	0	1	1	1	2	5	20%	80%	100%	0%	0%	0%	0%	5	0%	60%	60%	40%	0%	0%	0%																													
Montgomery	209	36	24	17	18	21	24	38	34	14	10	17	8	6	173	10%	60%	70%	28%	2%	0%	2%	168	8%	58%	66%	33%	1%	0%	1%																													
Prince George's	194	40	37	6	6	17	6	12	12	13	25	25	44	29	172	2%	50%	52%	47%	1%	0%	1%	164	1%	46%	47%	52%	1%	0%	1%																													
Queen Anne's	14	1	18	1	1	4	4	2	0	1	1	0	0	0	13	15%	62%	77%	23%	0%	0%	0%	11	9%	91%	100%	0%	0%	0%	0%																													
St. Mary's	27	3	24	1	4	3	5	4	0	3	1	4	1	1	20	25%	50%	75%	25%	0%	0%	0%	23	4%	78%	83%	17%	0%	0%	0%																													
Somerset	10	3	28	0	3	0	1	0	0	2	2	1	1	0	9	22%	56%	78%	22%	0%	0%	0%	8	0%	50%	50%	50%	0%	0%	0%																													
Talbot	9	1	16	0	2	2	2	3	0	0	0	0	0	0	8	63%	38%	100%	0%	0%	0%	0%	7	43%	57%	100%	0%	0%	0%	0%																													
Washington	46	1	31	2	5	2	4	5	0	1	13	6	4	2	39	28%	69%	97%	3%	0%	0%	0%	31	26%	71%	97%	3%	0%	0%	0%																													
Wicomico	24	1	29	1	3	2	2	2	1	2	6	2	1	2	21	43%	43%	86%	14%	0%	0%	0%	18	39%	56%	94%	6%	0%	0%	0%																													
Worcester	14	4	29	1	1	1	1	1	1	2	3	1	2	0	12	17%	67%	83%	17%	0%	0%	0%	9	11%	44%	56%	44%	0%	0%	0%																													
1384															220															1111															1139														

Methodology used for FY 2018 inspections minimized inspections for school systems that have scored well in recent years on maintenance inspections. To that end, more inspections will be conducted in LEAs that have received 85% or less Superior and Good ratings in the five prior inspection years which are indicated by the color RED, PINK, or YELLOW in the column AC of this document. LEAs identified by the color blue or green will have one maintenance inspection conducted in their jurisdiction.

FY 2018 Maintenance Inspection Breakdown
(220 total)



FY 2018 Maintenance Inspection Data

Total Active/Holding: 1393				# insp FY 2018 (220)		insp % of total		previous ratings		# of years since last insp	
School Types		#	% of total								
Allegany	Total Schools in LEA:	22	2%	4	18%	total:		4		6-7	
	Elem	13	59%	2	15%	S					
	Elem/Mid	1	5%		0%	G		3			
	Mid	3	14%	2	67%	A		1			
	High	3	14%		0%	N/A					
	Alternate	1	5%		0%	P					
	Career Tech	1	5%		0%						
Anne Arundel	Total Schools in LEA:	119	9%	24	20%	total:		24		5-7	
	Elem	79	66%	17	22%	S		1			
	Mid	19	16%	3	16%	G		15			
	High	12	10%	4	33%	A		8			
	Alternate	1	1%		0%	N/A					
	Career Tech	2	2%		0%	P					
	Science	1	1%		0%						
	Special Ed.	4	3%		0%						
	Environ Ed.	1	1%		0%						
Baltimore City	Total Schools in LEA:	176	13%	40	23%	total:		40		4-11	
	Elem	51	29%	11	22%	S		1			
	Elem/Mid	5	3%	1	20%	G		5			
	PK-8	56	32%	15	27%	A		29			
	Mid	12	7%	1	8%	N/A		3			
	Mid/High	9	5%	3	33%	P		1			
	High	28	16%	7	25%	No Previous Score		1			
	Elem/Mid/High	1	1%		0%						
	Alternate	4	2%		0%						
	Career Tech	3	2%		0%						
	Science	1	1%	1	100%						
	Special Ed.	6	3%	1	17%						
Baltimore County	Total Schools in LEA:	162	12%	32	20%	total:		32		6-7	
	Elem	103	64%	21	20%	S		1			
	Mid	27	17%	6	22%	G		24			
	High	22	14%	4	18%	A		6			
	Alternate	2	1%	1	50%	N/A					
	Career Tech	3	2%		0%	P					
	Special Ed.	5	3%		0%	No Previous Score		1			
Calvert	Total Schools in LEA:	25	2%	1	4%	total:		1		8	
	Elem	13	52%		0%	S		1			
	Mid	5	20%	1	20%	G					
	High	4	16%		0%	A					
	Career Tech	1	4%		0%	N/A					
	Special Ed.	2	8%		0%	P					
Caroline	Total Schools in LEA:	12	1%	2	17%	total:		1		7	
	Elem	5	42%		0%	S		1			
	Mid	2	17%		0%	G					
	High	2	17%	1	50%	A					
	Career Tech	3	25%		0%	N/A					
Carroll	Total Schools in LEA:	46	3%	1	2%	total:		1		7	
	Elem	22	48%		0%	S					
	Mid	8	17%		0%	G					
	High	7	15%	1	14%	A		1			
	Alternate	1	2%		0%	N/A					
	Career Tech	2	4%		0%	P					
	Special Ed.	6	13%		0%						

FY 2018 Maintenance Inspection Data

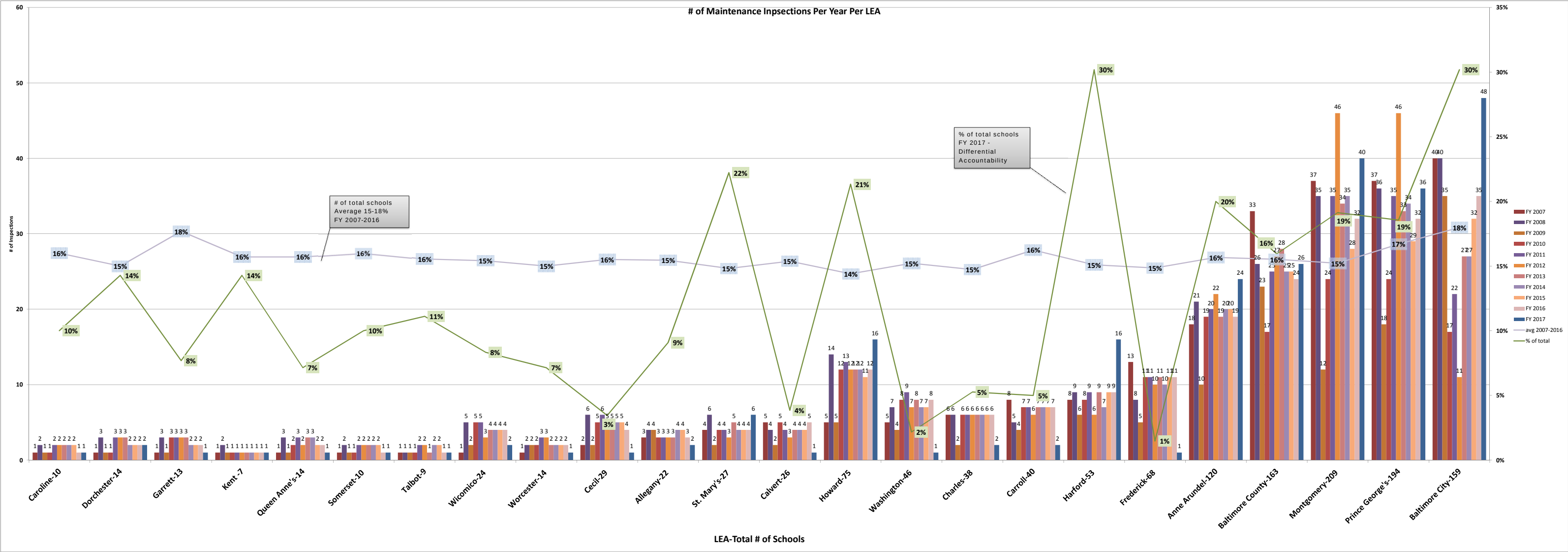
Total Active/Holding: 1393				# insp			# of years	
	School Types	#	% of total	FY 2018 (220)	insp % of total	previous ratings	since last insp	
Cecil	Total Schools in LEA:	28	2%	1	4%	total:	1	10
	Elem	17	61%		0%	S		
	Mid	5	18%	1	20%	G		
	Mid/High	1	4%		0%	A	1	
	High	4	14%		0%	N/A		
	Alternate	1	4%		0%	P		
	Career Tech	0	0%		0%			
Charles	Total Schools in LEA:	40	3%	6	15%	total:	6	6-8
	Elem	21	53%	4	19%	S	1	
	Mid	8	20%	1	13%	G	4	
	Mid/High	1	3%		0%	A	1	
	High	7	18%	1	14%	N/A		
	Alternate	1	3%		0%	P		
	Career Tech	1	3%		0%			
	Special Ed.	1	3%		0%			
Dorchester	Total Schools in LEA:	13	1%	4	31%	total:	4	5-6
	Elem	7	54%	2	29%	S	2	
	Elem/Mid	1	8%	1	100%	G	1	
	Mid	1	8%	1	100%	A	1	
	High	2	15%		0%	N/A		
	Career Tech	1	8%		0%	P		
	Special Ed.	1	8%		0%			
Frederick	Total Schools in LEA:	68	5%	1	1%	total:	1	8
	Elem	38	56%		0%	S	1	
	Mid	14	21%	1	7%	G		
	High	11	16%		0%	A		
	Alternate	3	4%		0%	N/A		
	Career Tech	1	1%		0%	P		
	Special Ed.	1	1%		0%			
Garrett	Total Schools in LEA:	13	1%	1	8%	total:	1	6
	Elem	7	54%		0%	S		
	Elem/Mid	1	8%		0%	G	1	
	Mid	2	15%		0%	A		
	High	2	15%	1	50%	N/A		
	Science	1	8%		0%	P		
Harford	Total Schools in LEA:	53	4%	10	19%	total:	10	5-8
	Elem	32	60%	5	16%	S	3	
	Mid	9	17%	1	11%	G	7	
	Mid/High (1 =Alt)	1	2%	2	200%	A		
	High	9	17%	2	22%	N/A		
	Career Tech	1	2%		0%	P		
	Special Ed.	1	2%		0%			
Howard	Total Schools in LEA:	72	5%	1	1%	total:	1	6
	Elem	38	53%		0%	S		
	Mid	18	25%		0%	G		
	PreK8	1	1%		0%	A	1	
	High	12	17%	1	8%	N/A		
	Alternate	1	1%		0%	P		
	Career Tech	1	1%		0%			
	Special Ed.	1	1%		0%			
Kent	Total Schools in LEA:	7	1%	3	43%	total:	3	5-7
	Elem	3	43%	2	67%	S		
	Mid	3	43%	1	33%	G	3	
	High	1	14%		0%	A		
						N/A		
						P		

FY 2018 Maintenance Inspection Data

Total Active/Holding: 1393				# insp FY 2018 (220)		insp % of total		previous ratings		# of years since last insp	
School Types		#	% of total								
Montgomery	Total Schools in LEA:	207	15%	36	17%	total:		36		6-11	
	Elem	131	63%	26	20%	S		3			
	Mid	38	18%	7	18%	G		21			
	High	25	12%	2	8%	A		11			
	Alternate	5	2%	1	20%	N/A		1			
	Career Tech	1	0%		0%	P					
	Special Ed.	6	3%		0%						
	Environ Ed.	1	0%		0%						
Prince George's	Total Schools in LEA:	196	14%	40	20%	total:		40		5-8	
	Elem	126	64%	26	21%	S		1			
	Elem/Mid	3	2%		0%	G		22			
	PK-8	3	2%	4	133%	A		14			
	Mid	28	14%	4	14%	N/A		2			
	High	23	12%	5	22%	P					
	Alternate	2	1%		0%	No Previous Score		1			
	Career Tech	1	1%		0%						
	Science	2	1%		0%						
	Special Ed.	8	4%	1	13%						
Queen Anne's	Total Schools in LEA:	14	1%	1	7%	total:		1		8	
	Elem	8	57%		0%	S					
	Mid	3	21%	1	33%	G					
	High	2	14%		0%	A		1			
	Career Tech	1	7%		0%	N/A					
						P					
St. Mary's	Total Schools in LEA:	26	2%	10	38%	total:		3		6	
	Elem	18	69%	2	11%	S		2			
	Mid	4	15%	1	25%	G		1			
	High	3	12%		0%	A					
	Career Tech	1	4%		0%	N/A					
						P					
Somerset	Total Schools in LEA:	10	1%	3	30%	total:		3		5-6	
	Elem	4	40%	1	25%	S		2			
	Elem/Mid	1	10%	1	100%	G		1			
	Mid	1	10%	1	100%	A					
	Mid/High	1	10%		0%	N/A					
	High	2	20%		0%	P					
	Career Tech	1	10%		0%						
Talbot	Total Schools in LEA:	11	1%	1	9%	total:		1		6	
	Elem	6	55%		0%	S					
	Mid	1	9%	1	100%	G		1			
	Mid/High	1	9%		0%	A					
	High	1	9%		0%	N/A					
	Career Tech	2	18%		0%	P					
Washington	Total Schools in LEA:	44	3%	1	2%	total:		1		7	
	Elem	25	57%		0%	S					
	Mid	7	16%	1	14%	G		1			
	Mid/High	1	2%		0%	A					
	High	7	16%		0%	N/A					
	Alternate	1	2%		0%	P					
	Career Tech	1	2%		0%						
	Special Ed.	1	2%		0%						
	Environ Ed.	1	2%		0%						

FY 2018 Maintenance Inspection Data

Total Active/Holding: 1393				# insp FY 2018 (220)			# of years since last insp	
School Types	#	% of total		insp % of total		previous ratings		
Wicomico	Total Schools in LEA:	25	2%	1	4%	total:	1	7
Elem	16	64%			0%	S		
Elem/Mid	1	4%			0%	G		
Mid	2	8%			0%	A	1	
Mid/High	1	4%		1	100%	N/A		
High	3	12%			0%	P		
Career Tech	1	4%			0%			
Special Ed.	1	4%			0%			
Worcester	Total Schools in LEA:	14	1%	4	29%	total:	4	6-7
Elem	6	43%		1	17%	S	1	
Elem/Mid	2	14%		1	50%	G	2	
Mid	1	7%		1	100%	A	1	
High	3	21%		1	33%	N/A		
Career Tech	1	7%			0%	P		
Special Ed.	1	7%			0%			



TO: IAC

FROM: JAMIE BRIDGES, PSCP

DATE: SEPTEMBER 13, 2017

RE: BACKGROUND ON BALTIMORE PUBLIC SCHOOL REQUEST TO AMMEND FY 2018 CIP

1. Received request for allocation of \$30.6M in reserves to FY 2018 and FY 2019 projects on August 30, 2017
2. Requested additional information on September 1, 2017
3. Received additional information on September 6, 2017
 - a. To amend FY 2018 CIP to include \$20.271M from reserves
 - b. To request FY 2019 CIP to include \$10.547M from reserves
4. Baltimore City Schools provided a thorough response to request for additional information
5. Response consistent with programmatic requirements
6. Baltimore City Schools demonstrated improvements in project management with its response in:
 - a. Capital project prioritization
 - b. Capital project sequencing
 - c. Capital project scoping



Jamie Bridges -MSDE- <jamie.bridges@maryland.gov>

RE: City Schools' Contingency Request

1 message

Stewart, Nichole M <NMStewart@bcps.k12.md.us>

Wed, Sep 6, 2017 at 1:52 PM

To: Robert Gorrell -MSDE- <robert.gorrell@maryland.gov>

Cc: "Scroggins, Keith" <KScroggins@bcps.k12.md.us>, "Washington, Lynette K." <LKWashington@bcps.k12.md.us>, "Lipski, Blaine" <blipski@bcps.k12.md.us>, "Smith, Cynthia" <CSmith03@bcps.k12.md.us>, "kim.spivey@maryland.gov" <kim.spivey@maryland.gov>, "Sawyers, Greta" <GSawyers@bcps.k12.md.us>, Arabia Davis -MSDE- <arabia.davis1@maryland.gov>, Joan Schaefer <joan.schaefer@maryland.gov>, Jamie Bridges <jamie.bridges@maryland.gov>, "Sterrette, Dawana M." <DSterrette@bcps.k12.md.us>, "Broome, Melissa C" <MCBroome@bcps.k12.md.us>, "Perkins-Cohen, Alison" <APerkins-Cohen@bcps.k12.md.us>, "Merrill, John D." <JDMerrill@bcps.k12.md.us>

Mr. Gorrell,

Thanks for your quick response to our request to use the funds in our contingency account. The attached document includes the funding and timing details for the projects included in our request. I also wanted to share with you some important additional information about our contingency request in relation to our FY19 CIP request.

The contingency fund request consists of:

- 12 split AC projects to fulfill our 5-year AC plan
- 2 projects that were partially funded in the FY18 CIP
- 4 projects rescinded in May due to contract issues
- 6 FY18 CIP projects that were submitted to and reviewed by the BPW and received a "B" status

It is important to note that our FY19 CIP request prioritizes our 2 major projects (Holabird and Graceland Park/ODonnell Heights) and 3 partially funded HVAC projects (Roland Park, The Historic Samuel Coleridge-Taylor, and Garrett Heights) that we had to rescind in May which have already been designed. Our previous correspondence about our rescinded projects outlines the impact of partial funding allocations from the state. Due to the lag in time between original cost estimates included in the CIP funding request in 2014 and receipt of the final portion of CIP funding from the IAC in 2017, the estimated project cost for all three projects increased by a total of \$3 million and the projects had to be rescinded. As we have discussed, many of the recent rescissions are a direct result of partial funding allocated from the state, not because of issues with City Schools' management of these projects.

Just for the 5 projects mentioned above, the amount requested from the will be about \$36M, our entire allocation (see attached 102.4 draft). Therefore our contingency request for \$30 million reflects all the additional systemic projects that we feel we can successfully move forward this year.

I received Jamie's instructions for revising the request into two separate requests with scopes for the new AC projects and recently rescinded projects. These documents are attached to this email as well. Please note, the signed request letter includes the updated accurate amount for the balance of the Franklin Square project.

Again, thanks for reaching out to us. If you have any questions or concerns about the information provided, please let us know.

Thanks,

Nichole

From: Robert Gorrell -MSDE- [mailto:robert.gorrell@maryland.gov]

Sent: Friday, September 01, 2017 3:53 PM

To: Stewart, Nichole M

Cc: Perkins-Cohen, Alison; Scroggins, Keith; Washington, Lynette K.; Lipski, Blaine; Smith, Cynthia; Godfrey, Wayne; kim.spivey@maryland.gov; Sawyers, Greta; Arabia Davis -MSDE-; Joan Schaefer; Jamie Bridges

Subject: Re: City Schools' Contingency Request

Good afternoon Nicole,

I will not be able to process this request and make a recommendation without additional information. Too, we will need to discern the projects that have not yet gone before the BPW as this may be required.

The Interagency Committee on School Construction, as well as other governance, have had persistent concerns with Baltimore City's project delivery. With funding resources always scarce, it is imperative that funding dollars go to work as quickly as possible and that they are maximized to benefit the greatest number of students.

My desire is to fully support the continued improvement of Baltimore City's school facilities. I commend the efforts being made to improve the delivery of your many projects. Therefore, I encourage your efforts working with Jamie Bridges of this office in refining the response to the presentation on the strategy to improve project management required by the IAC as a condition of the May recession of some of your previous awards.

To begin processing this Request for Contingency Funds, I would like for each project listed: the percent contingency included in the request; any other funding for the project or contingency and the source and timing; the planned date that the design will start and end and it's percent complete; and, the planned date that the construction will start and end and the percent complete. Further, if any have not yet come before the IAC, please identify them.

With all the best,

Bob G.

On Wed, Aug 30, 2017 at 7:32 PM, Stewart, Nichole M <NMStewart@bcps.k12.md.us> wrote:

Mr. Gorrell,

Please accept the attached document as City Schools' request for contingency funds.

Thanks,

Nichole

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5 attachments

-  **102.4_FY19_090517.pdf**
135K
-  **Req for Contingency Fund Attachment B_090617.docx**
200K
-  **Req for Contingency Funds Attachment A_090617.docx**
195K
-  **City Schools Contingency_083017_CEO SignatureRVSD.pdf**
182K
-  **ContingencyRequestProjectManagment090617.xlsx**
22K

BALTIMORE CITY PUBLIC SCHOOLS

Catherine E. Pugh
Mayor, City of Baltimore

Cheryl A. Casciani
*Chair, Baltimore City Board of
School Commissioners*

Dr. Sonja Brookins Santelises
Chief Executive Officer

Baltimore City Public Schools
Contingency Request
ATTACHMENT A

September 6, 2017

RE: LEA Public School Construction Funds in Reserve for FY17 and FY18 Projects (Request 1 of 2)

In follow up to an email from Jamie Bridges, dated September 6, 2017, Baltimore City Public Schools (City Schools) is submitting two separate requests to the IAC on School Construction Funds. Please note that the two requests are duplicative of those submitted to you August 30, 2017, by a letter from Dr. Santelises.

City Schools is requesting the use of our contingency funds for the following:

- 1. An amendment to the FY18 CIP to apply \$5,559,000** in reserves to two (2) projects in the FY2018 CIP that were approved as eligible and were funded in part. See the projects below:
 - Harlem Park PK-8 #35 HVAC – to complete the multi-year project that received funding in the FY18 CIP - \$1,790,000
 - Franklin Square PK-8 #95 HVAC/Windows/Structural – to complete the project which received partial funding in the FY18 CIP - \$3,769,000
- 2. Application of \$14,712,000** in reserves to six (6) projects that were approved as eligible, but were not funded.

Eutaw-Marshburn PK-5 #11 HVAC	\$4,825,000
Eutaw-Marshburn PK-5 #11 Fire Alarms	\$1,160,000
Furley PK-5 #206 HVAC	\$2,257,000
James McHenry PK-8 #10 Windows	\$585,000
Callaway PK-5 #251 HVAC	\$4,030,000
Coldstream PK-8 #31 Roof/Windows & Doors	\$1,855,000

Please also reference request 2 of 2, dated September 6, 2017. The two amendments to our contingency letter were submitted simultaneously and request funds from the School Construction Reserve account for City Schools. Thank you for your continued support of our facility needs. If additional information is needed, please contact Mr. J. Keith Scroggins (KScroggins@bcps.k12.md.us) or Dr. Lynette Boswell Washington (LKWashington@bcps.k12.md.us).

BALTIMORE CITY PUBLIC SCHOOLS

Catherine E. Pugh
Mayor, City of Baltimore

Cheryl A. Casciani
*Chair, Baltimore City Board of
School Commissioners*

Dr. Sonja Brookins Santelises
Chief Executive Officer

Baltimore City Public Schools
Contingency Request
ATTACHMENT B

September 6, 2017

RE: LEA Public School Construction Funds in Reserve for FY17 and FY18 Projects (Request 2 of 2)

In follow up to an email from Jamie Bridges, dated September 6, 2017, Baltimore City Public Schools (City Schools) is submitting two separate requests to the IAC on School Construction Funds. Please note that the two requests are duplicative of those submitted to you August 30, 2017, by a letter from Dr. Santelises.

City Schools is requesting the balance of funds, in the amount of **\$10,547,000** held in the reserve contingency account for Baltimore City Public Schools be allocated to the following projects:

1. **\$5,092,000** to the FY2019 CIP for four (4) projects that were approved as eligible and funded in previous years, but were rescinded. See the projects below:

Federal Hill PK-5 #45 Fire Alarm/Sprinkler to complete the design and bid for the FY16 project which was rescinded to be coordinated with the FY17 HVAC project - \$688,000

Scope: To remove and replace the existing fire alarm and limited area sprinkler system with new systems per NFPA to meet the Maryland Building Performance Standards, Baltimore City Building, Fire and Related Codes, and ADA Standards. New systems will protect the entire building. The building-wide complete addressable voice fire alarm system will consist of a main fire alarm panel, amplifier (AMP) panels, notification appliance circuit (NAC) extender panels, manual pull stations, smoke detectors, heat detectors, carbon monoxide detectors, addressable interface modules, speakers, strobes, and combination speaker strobes. The building will be protected by a wet pipe sprinkler system with floor control assemblies for each floor. Alarm check valves with complete trim packages will be on each wet system. A dry pipe system will be installed only for areas subject to freezing. Sprinkler heads will be located throughout the building including any areas of concealed combustible construction. A fire pump will be installed if there is not adequate water pressure and/or flow to support the sprinkler system in the building. New fire water service and fire department connection are included. A backflow prevention device approved by the local water authority will be installed on the incoming fire water service. A common water motor gong or electric alarm bell will be installed on the exterior of the building. A standpipe system will be provided in the building if the highest occupied floor is located more than thirty feet above the lowest level of fire department access. Fire hose valves will be provided at the intermediate landings in the stairwells. Included will be new signage on all rooms, closets, hallways, stairwells, and exits. A licensed fire alarm contractor will replace the old system with a new system. A small generator will be installed; it will be sized to support the operation of the pump for the sprinkler where design allows it. The current generator is from 1973.

Highlandtown PK-8 #215 Roof to complete the FY16 project which was rescinded because the architect/engineer team for the project would not proceed with the project until they receive their MBE settlement - \$484,000

Scope: To demolish 17,440 sf of the 1975 sloped/shingled and built-up roofing system down to the deck, and replace with new shingles, insulation, nailers, substrate (plywood), stringers for the shingled sloped areas (~5,000 square foot) and modified built-up roof for the flat areas, including, but not limited to, reinforced modified cap sheet, tapered insulation, flat poly-isocyanurate boards, and built-up roof slopes developed by tapered perlite boards. The roof replacement will include all flashing, metal work, new drains, new roof hatches, fan covers, coping as necessary, and will be covered by a 20-25 year "Total System, No Dollar Limit" warranty. The pitch of the roof will allow water to drain from the higher portions onto the flat

roof to drain into existing roof drains. The slopes of the roof will retain the original intent/design of the building. There will be no impact on roof equipment as it is raised high enough. Any changes will be submitted as necessary to DGS. For additional considerations, please refer to "Addendum: Additional Considerations" at the end of this section.

William S. Baer #301 HVAC to complete the design and bid for the FY16 project which was rescinded because the architect/engineer team for the project would not proceed with the project until they received their MBE settlement - \$3,600,000

Scope: There are currently two (2) steam boilers and a domestic hot water system in School # 301 that were replaced under CIP 2007 and CIP 2010 respectively. The Automatic Temperature Control (ATC) system was installed in 2007. The school system is currently heated and ventilated by the newly installed boilers by way of steam. The terminal units that serve the various areas of the school including 57 unit ventilators, 2 cabinet heaters, 5 air handling units, 55 radiators and 11 fan coil units that were installed in 1983. These pieces of equipment and the similarly aged 44 exhaust fans throughout the school have deteriorated beyond their maintainable life cycles. This request is to air condition the entire school and to replace all terminal units and exhaust fans. The existing boilers will be converted to generate hot water for heating and one (1) new 250-ton water or air cooled chiller that will provide cooling. Included in this project scope are the installations of circulation pumps, an air separator, and an expansion tank. We are reapplying this project for more funding with a revised scope due to the high bid cost. Upcoming projects will be coordinated with the proposed work. Plans will be resubmitted to Fred Mason at DGS. There will be all new ATC infrastructure. Boilers are fueled by gas. We will put air cooled chiller (no support needed). Designs will match standards and all exhaust equipment will be replaced according to plan. All ancillary equipment will be replaced as designed. There have been discussions with MEMA regarding Emergency Shelter Compliance (see Additional Considerations). For additional considerations, please refer to "Addendum: Additional Considerations" at the end of this section.

Western High School #407 Elevator to complete the FY16 project which was rescinded because the low bid contractor was disqualified \$320,000

Scope: Upgrade existing passenger elevator installed in 1967. Work to replace existing elevator mechanics for one elevator and renovate the existing cab. The machine room will be made code compliant and include new all required accessory equipment. Work will also include upgrade of electrical system to feed the new controller, air conditioning, and ventilation for the elevator machine rooms, new elevator pit lighting and elevator machine room lighting. ADA compliance will be completed to the extent the existing shaft area will allow larger size to fit. The piston and jack/assembly and all related equipment shall be new (hydro only). Consideration should be given to eliminating hydraulic elevators if possible and replacing with MRL technology (machine-room-less).

2. **\$5,455,000** to new FY2019 requests (with scope and cost estimates) for twelve (12) schools to complete air conditioning projects that have not been previously submitted, and thus have neither been approved as eligible nor funded in previous years. See list of schools and amounts below:

Belmont Elementary School #217	\$371,000
Dickey Hill Elementary/Middle School #201	\$548,000
Edgewood Elementary School #67	\$385,000
Hazelwood Elementary/Middle School #210	\$430,000
Hilton Elementary School #21	\$400,000
Matthew A. Henson Elementary School #29	\$445,000
Mount Royal Elementary/Middle School #66	\$623,000
Southwest Baltimore Charter School (Diggs Johnson Building) #162	\$504,000
Thomas Jefferson Elementary/Middle School #232	\$430,000
Windsor Hills Elementary/Middle School #87	\$311,000
Edgecombe Circle Elementary School #62	\$593,000
Brehms Lane Elementary School #231	\$415,000

Scope: to provide vertical packaged classroom air conditioning units in the school. The scope of work includes the vertical package unit, properly designed and sized for the space, size, and use. In addition, the scope includes any required utility upgrades needed for the building to support the air conditioning units and the electrical needs in each classroom for each unit. Vertical packaged units provide not only air-conditioning, but also meet the code requirements for fresh air supply and ventilation and can supply heating as well.

Please also reference request Attachment A, dated September 6, 2017. At this time, Baltimore City Public Schools will not use the remaining **\$820,656** of the undetermined balance of funds held in the reserve contingency account. Thank you for your continued support of our facility needs. If additional information is needed, please contact Mr. J. Keith Scroggins (KScroggins@bcps.k12.md.us) or Dr. Lynette Boswell Washington (LKWashington@bcps.k12.md.us).

Request for Contingency Funds

Supplemental

Building Name	Building No.	Project Type	Estimated Cost	State Amount	Amount Received	Contingency Request	Local Share	Design Start	Design End	Construction Start	Construction End	%complete (design)	Year reviewed by BPW	Comments
Federal Hill Elementary School	45	Fire Alarm/Sprinkler	860	688		688	172	--	Jan-18	Jun-18	Jun-19	80%	FY16	
Highlandtown Elementary/Middle	215	Roof	605	484		484	121	--	Jan-18	Jun-18	Jun-19	50%	FY16	
William S. Baer Special Ed. School	301	HVAC	4,500	3,600		3,600	900	--	Jan-18	Jun-18	Dec-19	50%	FY16	
Western High School	407	Elevator	400	320		320	80	--	--	May-18	Sep-18	100%	FY16	Design is complete. Needs refunded to be rebid. Can not rebid until approve
Eutaw-Marshburn E	11	HVAC	6,200	4,825		4,825	1,375	Dec-17	Aug-18	Nov-18	Sep-20	0%	FY18	Design could start 30-45 days after obtaining approval
Eutaw-Marshburn E	11	Fire Alarms	1,490	1,160		1,160	331	Dec-17	Aug-18	Nov-18	Sep-20	0%	FY18	Design could start 30-45 days after obtaining approval
Furley E	206	HVAC	2,900	2,257		2,257	643	Dec-17	Aug-18	Nov-18	Sep-20	0%	FY18	Design could start 30-45 days after obtaining approval
James McHenry EM	10	Windows	751	585		585	167	Dec-17	Jun-18	Sep-18	Sep-19	0%	FY18	Design could start 30-45 days after obtaining approval
Callaway E	251	HVAC	5,178	4,030		4,030	1,148	Dec-17	Aug-18	Nov-18	Sep-20	0%	FY18	Design could start 30-45 days after obtaining approval
Coldstream EM	31	Roof /Windows & Doors	2,384	1,855		1,855	529	Dec-17	Aug-18	Nov-18	Nov-19	0%	FY18	Design could start 30-45 days after obtaining approval
Harlem Park Elementary/Middle	35	HVAC	4,600	3,580	1,790	1,790	1,020	Dec-17	Aug-18	Nov-18	Sep-20	0%	FY18	Design will start as soon as we know if it is fully funded.
Franklin Square Elementary/Middle School	95	HVAC/Windows/Structural	6,935	5,397	1,628	3,769	1,538	Dec-17	Aug-18	Nov-18	Sep-20	0%	FY18	Design will start as soon as we know if it is fully funded.
Belmont Elementary School	217	A/C	474	371		371	103	Jul-18	Nov-18	Jan-19	Apr-19	0%		Design would start after the award of the FY2019 CIP in May 2018.
Dickey Hill Elementary/Middle School	201	A/C	701	548		548	153	Jul-18	Nov-18	Jan-19	Apr-19	0%		Design would start after the award of the FY2019 CIP in May 2018.
Edgewood Elementary School	67	A/C	493	385		385	107	Jul-18	Nov-18	Jan-19	Apr-19	0%		Design would start after the award of the FY2019 CIP in May 2018.
Hazelwood Elementary/Middle School	210	A/C	550	430		430	120	Jul-18	Nov-18	Jan-19	Apr-19	0%		Design would start after the award of the FY2019 CIP in May 2018.
Hilton Elementary School	21	A/C	512	400		400	112	Jul-18	Nov-18	Jan-19	Apr-19	0%		Design would start after the award of the FY2019 CIP in May 2018.
Matthew A. Henson Elementary School	29	A/C	569	445		445	124	Jul-18	Nov-18	Jan-19	Apr-19	0%		Design would start after the award of the FY2019 CIP in May 2018.
Mount Royal Elementary/Middle School	66	A/C	796	623		623	174	Jul-18	Nov-18	Jan-19	Apr-19	0%		Design would start after the award of the FY2019 CIP in May 2018.
Southwest Balto. Charter School (Diggs Johnson)	162	A/C	645	504		504	141	Jul-18	Nov-18	Jan-19	Apr-19	0%		Design would start after the award of the FY2019 CIP in May 2018.
Thomas Jefferson Elementary/Middle School	232	A/C	550	430		430	120	Jul-18	Nov-18	Jan-19	Apr-19	0%		Design would start after the award of the FY2019 CIP in May 2018.
Windsor Hills Elementary/Middle School	87	A/C	398	311		311	87	Jul-18	Nov-18	Jan-19	Apr-19	0%		Design would start after the award of the FY2019 CIP in May 2018.
Edgecombe Circle Elementary School	62	A/C	758	593		593	165	Jul-18	Nov-18	Jan-19	Apr-19	0%		Design would start after the award of the FY2019 CIP in May 2018.
Brehms Lane Elementary School	231	A/C	531	415		415	116	Jul-18	Nov-18	Jan-19	Apr-19	0%		Design would start after the award of the FY2019 CIP in May 2018.

BALTIMORE CITY
PUBLIC SCHOOLS

Catherine E. Pugh
Mayor, City of Baltimore

Cheryl A. Casciani
Chair, Baltimore City Board of
School Commissioners

Dr. Sonja Brookins Santelises
Chief Executive Officer

August 30, 2017

Robert Gorrell
Executive Director
Maryland Public School Construction Program
200 W. Baltimore Street
Baltimore, MD 21201

RE: LEA Public School Construction Funds in Reserve for FY17 and FY18 Projects

Dear Mr. Gorrell,

Baltimore City Public Schools (City Schools) is requesting the balance of funds, in the amount of \$30,818,000 held in the reserve contingency account for Baltimore City Public Schools be allocated to the following projects:

- 1. **\$1,790,000** to Harlem Park PK-8 #35 HVAC – to complete the multi-year project that received funding in the FY18 CIP.
- 2. **\$3,769,000** to Franklin Square PK-8 #95 HVAC/Windows/Structural – to complete the project which received partial funding in the FY18 CIP.
- 3. **\$688,000** to Federal Hill PK-5 #45 Fire Alarm/Sprinkler – to complete the design and bid for the FY16 project which was rescinded to be coordinated with the FY17 HVAC project.
- 4. **\$484,000** to Highlandtown PK-8 #215 Roof – to complete the FY16 project which was rescinded because the architect/engineer team for the project would not proceed with the project until they receive their MBE settlement.
- 5. **\$3,600,000** to William S. Baer #301 HVAC – to complete the design and bid for the FY16 project which was rescinded because the architect/engineer team for the project would not proceed with the project until they received their MBE settlement.
- 6. **\$320,000** to Western High School #407 Elevator – to complete the FY16 project which was rescinded because the low bid contractor was disqualified.
- 7. **\$5,455,000** to several schools to complete air conditioning projects. See list of schools and amounts below:

Belmont Elementary School #217	\$371,000
Dickey Hill Elementary/Middle School #201	\$548,000
Edgewood Elementary School #67	\$385,000
Hazelwood Elementary/Middle School #210	\$430,000
Hilton Elementary School #21	\$400,000
Matthew A. Henson Elementary School #29	\$445,000
Mount Royal Elementary/Middle School #66	\$623,000
Southwest Baltimore Charter School (Diggs Johnson Building) #162	\$504,000
Thomas Jefferson Elementary/Middle School #232	\$430,000
Windsor Hills Elementary/Middle School #87	\$311,000
Edgecombe Circle Elementary School #62	\$593,000
Brehms Lane Elementary School #231	\$415,000

8. **\$4,825,000** to Eutaw-Marshburn PK-5 #11 HVAC – to complete the FY18 CIP project which received a “B” status.
9. **\$1,160,00** to Eutaw-Marshburn PK-5 #11 Fire Alarms - to complete the FY18 CIP project which received a “B” status.
10. **\$2,257,000** to Furley PK-5 #206 HVAC - to complete the FY18 CIP project which received a “B” status.
11. **\$585,000** to James McHenry PK-8 #10 Windows - to complete the FY18 CIP project which received a “B” status.
12. **\$4,030,000** to Callaway PK-5 #251 HVAC - to complete the FY18 CIP project which received a “B” status.
13. **\$1,855,000** to Coldstream PK-8 #31 Roof/Windows & Doors – to complete the FY18 CIP project which received a “B” status.

At this time, Baltimore City Public Schools will not use the remaining **\$820,656** of the undetermined balance of funds held in the reserve contingency account. Thank you for your continued support of our facility needs. If additional information is needed, please contact Mr. J. Keith Scroggins (KScroggins@bcps.k12.md.us) or Dr. Lynette Boswell Washington (LKWashington@bcps.k12.md.us).

Sincerely,

A handwritten signature in blue ink, reading "Sonja B. Santelises".

Sonja Brookins Santelises, Ed.D.
Chief Executive Officer
Baltimore City Public Schools

Copy: Ms. Alison Perkins-Cohen
Mr. J. Keith Scroggins
Dr. Lynette Boswell Washington
Dr. Nichole Stewart
Mr. Blaine Lipski
Ms. Cynthia Smith
Mr. Wayne Godfrey
Ms. Kimberly Spivey

Attachments: Attachment A & Attachment B

SUMMARY OF SECTION III CONTRACT AWARDS

The IAC staff has reviewed the contract procurement for the following State approved projects and recommends IAC approval.

		<u>Total Contract</u>	<u>State Funds</u>	<u>Local Funds</u>
<u>Anne Arundel County</u>				
1.	Glen Burnie High PSC #02.020.18 SR Systemic Renovation - Boiler Replacement	\$720,812	\$360,406	\$360,406
	1 - M & E Sales, Inc.	\$677,147		
	2 - Electrical Automation Services, Inc.	\$43,665		
2.	Millersville Elementary PSC #02.053.18 SR Systemic Renovation - HVAC/Window Replacement - Contract #2	\$313,700	\$137,930	\$175,770
	3 - Electrical Automation Services, Inc. (EASI)	\$313,700		
3.	Shady Side Elementary PSC #02.113.18 LPC K Addition - Contract #1 (1 contract)	\$2,512,754	\$1,109,000	\$1,403,754
	1 - Tuckmann-Barbee Construction Company, Inc.	\$2,422,300		
	2 - Electrical Automation Services, Inc. (EASI)	\$90,454		
4.	Shady Side Elementary PSC #02.113.18 C Renovation - Open Space Conversion	\$3,022,421	\$1,511,211	\$1,511,210
	1 - Tuckmann-Barbee Construction Company, Inc.	\$2,892,000		
	2 - Electrical Automation Services, Inc. (EASI)	\$38,766		
	3 - Northstar Contracting Group	\$91,655		
5.	Crofton Woods Elementary PSC #02.115.17 SR Systemic Renovation - Electrical	\$193,295	\$96,648	\$96,647
	Lee's Electrical Contracting, Inc.	\$193,295		
<u>Baltimore County</u>				
6.	Arbutus Middle PSC #03.048.14/18 SR Systemic Renovation - Air Conditioning	\$5,590,200	\$2,185,000	\$3,405,200
	Johnson Controls, Inc.	\$5,590,200		
7.	Franklin Middle PSC #03.127.14/17 SR Systemic Renovation - Air Conditioning	\$10,360,350	\$5,179,382	\$5,180,968
	Johnson Controls, Inc.	\$10,360,350		

SUMMARY OF SECTION III CONTRACT AWARDS - Cont'd

Charles County

8.	Dr. James Craik Elementary PSC #08.001.11/18 LPC K/PK Addition/Renovation - Contract #1 (1 contract) Keller Brothers, Inc.	\$3,494,000 \$3,494,000	\$759,159	\$2,734,841
9.	Berry Elementary PSC #08.036.18 LPC K/PK Renovation/Addition - Contract #1 (1 contract) J.A. Scheibel, Inc. t/a Scheibel Construction	\$3,205,000 \$3,205,000	\$750,000	\$2,455,000

Frederick County

10.	Sugarloaf Elementary PSC #10.078.14/17/18 LPC New - Contract #2 (9 contracts) 11A - 11400, Inc. 7A - Cole Roofing Company, Inc. 8A - Chesapeake Glazing, Inc. 9A - Can-Am Contractors, Inc. 9B - Frederick Tile, Inc. 9C - Master Care Flooring, Inc. 9D - L & R Enterprises, Inc. 9E - NLP Enterprises, Inc. 11B - TJ Distributors, Inc.	\$6,523,489 \$298,800 \$1,670,496 \$826,100 \$2,121,650 \$444,746 \$85,941 \$741,656 \$270,500 \$63,600	\$0	\$6,523,489
11.	Butterfly Ridge Elementary PSC #10.079.17/18 LPC New - Contract #2 (9 contracts) 7A - IronShore Contracting, LLC 8A - Glass Industries, Inc. 9A - Can-Am Contractors, Inc. 9B - Lach Tile & Marble, Inc. 9C - Miller Flooring Company 9D - L & R Enterprises, Inc. 9E - Cochran & Mann, Inc. 11A - 11400, Inc. 11B - TJ Distributors, Inc.	\$7,588,011 \$2,194,000 \$1,244,200 \$2,226,125 \$413,987 \$82,500 \$805,599 \$248,400 \$305,700 \$67,500	\$0	\$7,588,011

Montgomery County

12.	Clearspring Elementary PSC #15.154.17 SR Systemic Renovation - HVAC Replacement Mallick Mechanical Contractors, Inc.	\$2,185,000 \$2,185,000	\$544,065	\$1,640,935
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Prince George's County

13.	Frances R. Fuchs Early Childhood Center PSC #16.101.17 SR Systemic Renovation - Piping Replacement Shapiro & Duncan, Inc.	\$1,022,902 \$1,022,902	\$619,882	\$403,020
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SUMMARY OF SECTION III CONTRACT AWARDS - Cont'd

Maryland School for the Blind

14.	Newcomer, Case & Campbell Halls PSC #25.001.14/18 LPC Renovation/Addition - Contract #1 (1 contract) Lewis Contractors, Inc.	\$34,205,928 \$34,205,928	\$1,180,437	\$33,025,491
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Summary Totals

Total Projects: 14	Total Contracts: 34	\$80,937,862	\$14,433,120	\$66,504,742
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IAC ACTION: THE ABOVE REFERENCED ITEMS WERE:

	Approved	Disapproved	Deferred	Abstain	Recuse
Dr. Karen Salmon	☒	☐	☐	☐	☐
Ms. Wendi Peters	☐	☐	☐	☐	☐
Mr. Ellington Churchill, Jr.	☒	☐	☐	☐	☐
Ms. Barbara Hoffman	☐	☐	☐	☐	☐
Mr. John Bohanan	☒	☐	☐	☐	☐

SECTION III - APPROVAL OF CONTRACTS

LEA: Anne Arundel County

PSC No 02.020.18 SR

Project Name: Glen Burnie High

Bid Opening: 5/29/17; 6/1/17

Project Type: Systemic Renovation

Scope of Work: Boiler Replacement

Basis for Award of Contract: base bid plus alt. 1; proposal dated 5/29/17 utilizing contract #15CN-060

Basis of Funding: 50% of base bid plus alt. 1 and proposal

Local Funds: \$360,406

State Funds: \$360,406

Total Contract: \$720,812

State Contingency for Change Orders: \$9,010

Transfer State Funds:	Account No.	Amount
Decrease Project Amount:	<u>02.020.2018</u>	<u>\$14,584</u>
Increase Contingency Amount:	<u>40.000.2018</u>	<u>\$14,584</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
1	M & E Sales, Inc.	\$677,147
2	Electrical Automation Services, Inc.	\$43,665
		<u>\$720,812</u>

Notes: 1) Replacement of three (3) 1994 boilers, repair and relining of chimney, upgrading of controls, and upgrading of boiler room lighting.
2) Prevailing wage rates apply to this contract.

IAC Approval Date:

SECTION III - APPROVAL OF CONTRACTS

LEA: Anne Arundel County

PSC No 02.053.18 SR

Project Name: Millersville Elementary

Bid Opening: 4/25/17

Project Type: Systemic Renovation

Scope of Work: HVAC/Window Replacement - Contract #2

Basis for Award of Contract: proposal dated 4/25/17 utilizing AACPS contract #15CN-060

Basis of Funding: 50% of eligible proposal up to the amount of maximum allocation

Local Funds: \$175,770

State Funds: \$137,930

Total Contract: \$313,700

State Contingency for Change Orders: \$0

Transfer State Funds:	Account No.	Amount
Decrease Project Amount:		<u>\$0</u>
Increase Contingency Amount:		<u>\$0</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
3	Electrical Automation Services, Inc. (EASI)	<u>\$313,700</u>
		<u>\$313,700</u>

Notes: 1) Replacement of the 1965 heating and ventilation equipment, including air handlers, unit ventilators, heat piping, pumps, and exhaust fans, removal of all window air conditioners, installation of new chiller and enclosure, installation of a new control system, replacement of all exterior windows, construction of a 750 sf electrical room, and upgrades to the electrical service. The two (2) existing 2002 steam boilers will remain and be converted to hot water.

IAC Approval Date:

April 25, 2017

PROPOSAL/QUOTATION PGJ0063-1

PROJECT:

AACPS-MILLERSVILLE ES HVAC

ATTENTION:

Mr. Chris Schwartz

TASKS CONTINUED:

- 13 PUMPS: For each pump, we include control and status monitoring, and we include VFD's for P-1 (-4)
- 14 DEMO: We include demolition of the existing controls including the air compressor.
- 15 COMMISSIONING: We include 'tech time' to work with the commissioning agent

EXCLUSIONS:

- 1 Installation of ATC valves, MOD's, sensing wells or pressure taps
- 2 Power wiring, starters

BASE PRICE:

Three Hundred Thirteen Thousand Seven Hundred Dollars-----\$313,700.00

PREPARED BY:

Greg Pronko

ACCEPTED BY

TITLE

DATE

SIGNATURE HERETO ACKNOWLEDGES TERMS ABOVE AND SERVES AS NOTICE TO PROCEED. PROPOSAL VOID IF NOT ACCEPTED BY 5/25/17

SECTION III - APPROVAL OF CONTRACTS

LEA: Anne Arundel County

PSC No 02.113.18 LPC

Project Name: Shady Side Elementary

Bid Opening: 5/9/17

Project Type: K Addition

Scope of Work: Contract #1 (1 contract)

Basis for Award of Contract: base bid plus alt. 6; proposal dated 5/8/17 utilizing AACPS contract #15CN-060

Basis of Funding: 50% of eligible base bid plus alt. 6 & eligible proposal up to the amount of maximum allocation

Local Funds: \$1,403,754

State Funds: \$1,109,000

Total Contract: \$2,512,754

State Contingency for Change Orders: \$0

	Account No.	Amount
Transfer State Funds:		
Decrease Project Amount:		<u>\$0</u>
Increase Contingency Amount:		<u>\$0</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
1	Tuckmann-Barbee Construction Company, Inc.	\$2,422,300
2	Electrical Automation Services, Inc. (EASI)	\$90,454
		<u>\$2,512,754</u>

Notes: 1) Addition of 6,855 sf for four (4) kindergarten classrooms.

2) Prevailing wage rates apply to this contract.

3) Combined Total Contract Tuckmann-Barbee Construction Company, Inc. \$5,314,300 with Shady Side Elementary 02.113.18 C Renovation Open Space Conversion.

IAC Approval Date:

SECTION III - APPROVAL OF CONTRACTS

LEA: Anne Arundel County

PSC No 02.113.18 C

Project Name: Shady Side Elementary

Bid Opening: 5/9/17

Project Type: Renovation

Scope of Work: Open Space Conversion

Basis for Award of Contract: base bid plus alts. 1 & 2; proposals dated 3/21/17 & 5/8/17 utilizing AACPS contracts #17SC-099 & #15CN-060

Basis of Funding: 50% of eligible base bid plus alts. 1 & 2 and eligible proposals

Local Funds: \$1,511,210

State Funds: \$1,511,211

Total Contract: \$3,022,421

State Contingency for Change Orders: \$37,780

Transfer State Funds:	Account No.	Amount
Decrease Project Amount:	<u>02.113.2018</u>	<u>\$17,009</u>
Increase Contingency Amount:	<u>40.000.2018</u>	<u>\$17,009</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
1	Tuckmann-Barbee Construction Company, Inc.	\$2,892,000
2	Electrical Automation Services, Inc. (EASI)	\$38,766
3	Northstar Contracting Group	\$91,655
		<u>\$3,022,421</u>

Notes: 1) Renovation of 41,770 sf of open space into conventional classrooms.

2) Prevailing wage rates apply to this contract.

3) Combined Total Contract for Tuckmann-Barbee Construction Company, Inc. \$5,314,300 with Shady Side Elementary 02.113.18 LPC K Addition.

IAC Approval Date:

SECTION III - APPROVAL OF CONTRACTS

LEA: Anne Arundel County

PSC No 02.115.17 SR

Project Name: Crofton Woods Elementary

Bid Opening: 6/20/17

Project Type: Systemic Renovation

Scope of Work: Electrical

Basis for Award of Contract: base bid

Basis of Funding: 50% of eligible base bid

Local Funds: \$96,647

State Funds: \$96,648

Total Contract: \$193,295

State Contingency for Change Orders: \$2,416

Transfer State Funds:	Account No.	Amount
Decrease Project Amount:	<u>02.115.2017</u>	<u>\$3,936</u>
Increase Contingency Amount:	<u>40.000.2017</u>	<u>\$3,936</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
	Lee's Electrical Contracting, Inc.	<u>\$193,295</u>
		<u>\$193,295</u>

Notes: 1) Electrical upgrade to support the FY02 Technology in Maryland Schools (TIMS) project.

IAC Approval Date:

BID OPENING

14CN-058-054
TIMS ELECTRICAL UPGRADES AT CROFTON WOODS E.S.

OPENS: TUES., 6/20/17 @ 2:00 PM

CONTRACTOR	ACTION ELECTRIC	BRUNNEN BLVD	1000 110472
Addendum	227,000	2019,000	193,295
TOTAL BID AMOUNT			
CONTRACTOR	MGM ELECT	DO NOT	
Addendum	256,000	218,000	
TOTAL BID AMOUNT			
CONTRACTOR			
Addendum			
TOTAL BID AMOUNT			

OPENED BY: NANCY SMITH

MS

RECORDED BY: BETTY KINNEY

JB

SECTION III - APPROVAL OF CONTRACTS

LEA: Baltimore County

PSC No 03.048.14/18 SR

Project Name: Arbutus Middle

Bid Opening: 12/9/16

Project Type: Systemic Renovation

Scope of Work: Air Conditioning

Basis for Award of Contract: proposal dated 12/9/16 utilizing #MWE-839-15 Energy Performance Contract

Basis of Funding: 52% of eligible proposal up to the amount of maximum allocation

Local Funds: \$3,405,200

State Funds: \$2,185,000

Total Contract: \$5,590,200

State Contingency for Change Orders: \$0

Transfer State Funds:	Account No.	Amount
Decrease Project Amount:		<u>\$0</u>
Increase Contingency Amount:		<u>\$0</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
	Johnson Controls, Inc.	<u>\$5,590,200</u>
		<u>\$5,590,200</u>

Notes: 1) Provide air conditioning throughout the school, including installation of two (2) chillers and enclosures, dual temperature pumps, modifications to existing dual temperature piping, condensate piping, fan coil units in offices and corridors, VRV with DOAS system, ceilings, and lighting for administration and health suites, energy recovery units for locker rooms, a new control system, DX units for IT closets, kitchen storage, kitchen office and BOS office, isolation valves for heating only units, and related electrical upgrades, including a transfer switch for an emergency generator, and replacement of two (2) 1997 steam boilers with hot water boilers.

2) Prevailing wage rates apply to this contract.

IAC Approval Date:

Energy Performance Contract-Phase 3

EXECUTIVE SUMMARY

DATE: 12/9/2016

As part of the continuing effort to improve building infrastructure while reducing operating costs, Baltimore County Public Schools (BCPS) commissioned Johnson Controls, Inc. (JCI) to develop an energy performance contract at 73 of its facilities. JCI surveyed the buildings and analyzed utility data. As detailed in the Investment Grade Audit Report we recommend implementing the Facility Improvement Measures (FIMs) shown in Table 1.

Table 1: Summary of Costs and Annual Project Benefits

FACILITY IMPROVEMENT MEASURE	IMPLEMENTATION PRICE	ANNUAL PROJECT BENEFIT	SIMPLE PAYBACK (Years)
1: Lighting – Fixture Retrofit & Occupancy Sensors	\$ 11,044,405	\$ 1,275,491	8.65
3: Lighting – Exterior Replacements	\$ 1,964,454	\$ 206,849	9.49
4: Building Envelope Improvements - Weatherization	\$ 596,147	\$ 42,331	14.08
5: Energy Management – Upgrades	\$ 5,600,293	\$ 229,339	24.41
7: Heating Distribution System – Pipe and Valve Insulation	\$ 242,110	\$ 17,190	14.08
8: Boiler Replacements	\$ 1,170,590	\$ 5,524	211.90
10: Domestic Hot Water System – Energy Efficient DHW Installation	\$ 173,360	\$ 939	184.62
13: Windows – Window Film	\$ 1,507,313	\$ 81,164	18.57
16: Air-handling Unit Upgrade – VFD on Fans	\$ 1,382,621	\$ 31,053	44.52
20: Kitchen Hood – Exhaust Fan Control	\$ 338,684	\$ 13,732	24.66
22: Water Conservation – Fixture Recommissioning	\$ 1,017,453	\$ 57,953	17.55
25: Chiller Replacement	\$ 631,884	\$ 1,402	45.06
31: Plug Load Controllers	\$ 177,747	\$ 19,487	9.12
39: Transformers – Replacements	\$ 1,336,754	\$ 55,965	23.88
42: Natural Gas Conversion	\$ 569,723	\$ 13,091	43.52
* 43(a): Arbutus MS – New A/C Installation & BAS Upgrade	\$ 5,590,200	\$ 1,941	
43(b): Franklin MS – BAS Controls	\$ 534,028	\$ 1,904	
43(c): Franklin MS – New A/C Installation	\$ 10,360,350	\$ -	
45: Demand Response Program Additions	\$ 346,322	\$ 8,831	41.57

Implementation of the FIMs will be funded through a contingent payment performance agreement. Capital funding will be infused into this Contract for the new air-conditioning installation projects.

SECTION III - APPROVAL OF CONTRACTS

LEA: Baltimore County

PSC No 03.127.14/17 SR

Project Name: Franklin Middle

Bid Opening: 12/9/16

Project Type: Systemic Renovation

Scope of Work: Air Conditioning

Basis for Award of Contract: proposal dated 12/9/16 utilizing #MWE-839-15 Energy Performance Contract

Basis of Funding: 52% of eligible proposal

Local Funds: \$5,180,968

State Funds: \$5,179,382

Total Contract: \$10,360,350

State Contingency for Change Orders: \$129,485

Transfer State Funds:	Account No.	Amount
Decrease Project Amount:	<u>03.127.2017</u>	<u>\$74,133</u>
Increase Contingency Amount:	<u>40.000.2017</u>	<u>\$74,133</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
	Johnson Controls, Inc.	<u>\$10,360,350</u>
		<u>\$10,360,350</u>

Notes: 1) Provide air conditioning throughout the school, including installation of one (1) chiller and enclosure, dual temperature pumps, dual temperature piping, condensate piping, classroom dual temperature fan coil units, three (3) air handling units with cooling and associated ductwork for the cafeteria, gym, and auditorium, ceilings, and lighting in impacted areas, a new control, system, DX units for the kitchen storage and office, isolation valves for heating only units, and related electrical upgrades, including a transfer switch for an emergency generator.
2) Prevailing wage rates apply to this contract.
3) Ineligible cost (\$400,000) for replacement of heating water pumps and heat-only classroom unit vents.

IAC Approval Date:

Energy Performance Contract-Phase 3

EXECUTIVE SUMMARY

DATE: 12/9/2016

As part of the continuing effort to improve building infrastructure while reducing operating costs, Baltimore County Public Schools (BCPS) commissioned Johnson Controls, Inc. (JCI) to develop an energy performance contract at 73 of its facilities. JCI surveyed the buildings and analyzed utility data. As detailed in the Investment Grade Audit Report we recommend implementing the Facility Improvement Measures (FIMs) shown in Table 1.

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39: Transformers – Replacements	\$ 1,336,754	\$ 55,965	23.88
42: Natural Gas Conversion	\$ 569,723	\$ 13,091	43.52
43(a): Arbutus MS – New A/C Installation & BAS Upgrade	\$ 5,590,200	\$ 1,941	
43(b): Franklin MS – BAS Controls	\$ 534,028	\$ 1,904	
✓ 43(c): Franklin MS – New A/C Installation	\$ ✓ 10,360,350	\$ -	
45: Demand Response Program Additions	\$ 346,322	\$ 8,831	41.57

Implementation of the FIMs will be funded through a contingent payment performance agreement. Capital funding will be infused into this Contract for the new air-conditioning Installation projects.

SECTION III - APPROVAL OF CONTRACTS

LEA: Charles County

PSC No 08.001.11/18 LPC

Project Name: Dr. James Craik Elementary

Bid Opening: 8/2/17

Project Type: K/PK Addition/Renovation

Scope of Work: Contract #1 (1 contract)

Basis for Award of Contract: base bid

Basis of Funding: 61% of eligible base bid

Local Funds: \$2,734,841

State Funds: \$759,159

Total Contract: \$3,494,000

State Contingency for Change Orders: \$0

	Account No.	Amount
Transfer State Funds:		
Decrease Project Amount:		<u>\$0</u>
Increase Contingency Amount:		<u>\$0</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
	Keller Brothers, Inc.	<u>\$3,494,000</u>
		<u>\$3,494,000</u>

Notes: 1) Addition of 7,200 sf for two (2) kindergarten classrooms, (1) PreK classroom and one (1) art classroom and renovation of 3,507 sf for two (2) kindergarten classrooms.
2) Prevailing wage rates apply to this contract.
3) Low bidder (W. F. Klingensmith) deemed non-responsive for providing incorrect MBE documentation.
4) Project eligible for balance of funding in a future fiscal year.

IAC Approval Date:

BID TABULATION

Dr. James Craik Elementary School Full Day Kindergarten Addition

Smolen Emr Ilkovitch Architects
1355 Piccard Drive, Suite 200
Rockville, MD 20850

8/2/2017
2:00 PM
2:30 PM MBE

Bid Number DJCFDK 1-1718				
CONTRACTOR	Dennis Anderson	J.A. Scheibel Construction	**Keller Brothers	W.F. Klingensmith
Addendum No. 1	X	X	X	X
Addendum No. 2	X	X	X	X
Bond	X	X	X	X
Letter from Bonding Company	X	X	X	X
Affidavit/Bribery & Non-Collusion	X	X	X	X
MBE Participation/Utilization Affidavit	X	X	X	Incorrect Info. Provided
MBE Schedule of Participation	X	X	X	Incorrect Info. Provided
Percentage of MBE (Goal 20%)	22.08%	10.15%	20.10%	20%
Sub-Goal MBE African American (Goal 7%)	16.11%	0%	4%	9.6% Incorrect
Total Base Bid	\$3,530,700.00	\$3,537,000.00	✓ \$3,494,000.00	\$3,402,000.00
Alternate No. 1 (Art Room 116)	\$153,500.00	\$194,000.00	\$224,400.00	\$204,000.00
Alternate No. 2 (Stair Removal)	\$28,000.00	\$27,000.00	\$24,800.00	\$26,000.00
Alternate No. 3 (Interior Partitions)	\$39,000.00	\$32,000.00	\$26,000.00	\$22,000.00
Total Alternates	\$220,500.00	\$253,000.00	\$275,200.00	\$252,000.00
Base Bid Plus Alternates	\$3,751,200.00	\$3,790,000.00	\$3,769,200.00	Bidder Non-Responsive \$3,654,000.00
** Indicates Apparent Low Bidder				

SECTION III - APPROVAL OF CONTRACTS

LEA: Charles County

PSC No 08.036.18 LPC

Project Name: Berry Elementary

Bid Opening: 8/3/17

Project Type: K/PK Renovation/Addition

Scope of Work: Contract #1 (1 contract)

Basis for Award of Contract: base bid

Basis of Funding: 61% of eligible base bid

Local Funds: \$2,455,000

State Funds: \$750,000

Total Contract: \$3,205,000

State Contingency for Change Orders: \$0

Transfer State Funds:	Account No.	Amount
Decrease Project Amount:		<u>\$0</u>
Increase Contingency Amount:		<u>\$0</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
	J.A. Scheibel, Inc. t/a Scheibel Construction	<u>\$3,205,000</u>
		<u>\$3,205,000</u>

Notes: 1) Addition of 3,600 sf for one (1) kindergarten classroom and (1) PreK classroom and renovation of 4,409 sf for four (4) kindergarten classrooms.

2) Prevailing wage rates apply to this contract.

3) Project eligible for balance of funding in a future fiscal year.

IAC Approval Date:

BID TABULATION

Berry Elementary School Full Day Kindergarten Addition

Smolen Emr Ilkovich Architects
1355 Piccard Drive, Suite 200
Rockville, MD 20850

8/3/2017
2:00 PM
2:30 PM MBE

Bid Number BESFDK 1-1718				
CONTRACTOR	Dennis Anderson	**J.A. Schelbel Construction	W.F. Klingensmith	
Addendum No. 1	X	X		X
Addendum No. 2	X	X		X
Affidavit/Bribery & Non-Collusion	X	X		X
Bond	X	X		X
Letter from Bonding Company	X	X		X
MBE Participation/Utilization Affidavit (A)	X	X		X
MBE Schedule of Participation (B)	X	X		X
Percentage of MBE (Goal 20%)	21%	20%		13.80%
Sub-Goal MBE African American (Goal 7%)	14%	5.90%		7.20%
Total Base Bid	\$3,238,000.00	✓ \$3,205,000.00		\$3,267,000.00
Alternate No. 1 (Solar Tubes)	\$20,000.00	\$16,000.00		\$14,000.00
Alternate No. 2 (Metal Coping Screen Wall)	\$11,000.00	\$9,000.00		\$19,000.00
Alternate No. 3 (Clean/Report Screen Wall)	\$6,000.00	\$7,000.00		\$8,000.00
Alternate No. 4 (Replace PA Central Control Unit)	\$53,000.00	\$52,000.00		\$57,000.00
Total Alternates	\$90,000.00	\$84,000.00		\$98,000.00
Base Bid Plus Alternates	\$3,328,000.00	\$3,289,000.00		\$3,365,000.00
MEP Info Price Cooling Tower, Chiller and Pumps	\$585,000.00	\$425,000.00		\$434,000.00
**1Indicates Apparent Low Bidder				

SECTION III - APPROVAL OF CONTRACTS

LEA: Frederick County

PSC No 10.078.14/17/18 LPC

Project Name: Sugarloaf Elementary

Bid Opening: 1/4/17

Project Type: New

Scope of Work: Contract #2 (9 contracts)

Basis for Award of Contract: base bid plus alts. 1, 3, 11, 13B & 14A

Basis of Funding: 64% of eligible base bid plus alts. 1, 3, 11, 13B & 14A up to the amount of maximum allocation

Local Funds: \$6,523,489

State Funds: \$0

Total Contract: \$6,523,489

State Contingency for Change Orders: \$0

	Account No.	Amount
Transfer State Funds:		
Decrease Project Amount:		<u>\$0</u>
Increase Contingency Amount:		<u>\$0</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
11A	11400, Inc.	\$298,800
7A	Cole Roofing Company, Inc.	\$1,670,496
8A	Chesapeake Glazing, Inc.	\$826,100
9A	Can-Am Contractors, Inc.	\$2,121,650
9B	Frederick Tile, Inc.	\$444,746
9C	Master Care Flooring, Inc.	\$85,941
9D	L & R Enterprises, Inc.	\$741,656
9E	NLP Enterprises, Inc.	\$270,500
11B	TJ Distributors, Inc.	\$63,600
		<u>\$6,523,489</u>

Notes: 1) New school consisting of 97,792 sf.

2) Prevailing wage rates apply to this contract.

3) Trade Package 9A awarded to second lowest bidder. Apparent low bidder (Finishes, Inc.) was not able to obtain the required Performance and Payment Bonds for the project.

4) Project eligible for additional funding in a future fiscal year.

IAC Approval Date:

SECTION III - APPROVAL OF CONTRACTS

LEA: Frederick County

PSC No 10.079.17/18 LPC

Project Name: Butterfly Ridge Elementary

Bid Opening: 2/2/17

Project Type: New

Scope of Work: Contract #2 (9 contracts)

Basis for Award of Contract: base bid plus alts. 1, 3, 6, 7, 13B & 14A

Basis of Funding: 64% of eligible base bid plus alts. 1, 3, 6, 7, 13B & 14A up to the amount of maximum allocation

Local Funds: \$7,588,011

State Funds: \$0

Total Contract: \$7,588,011

State Contingency for Change Orders: \$0

	Account No.	Amount
Transfer State Funds:		
Decrease Project Amount:		<u>\$0</u>
Increase Contingency Amount:		<u>\$0</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
7A	IronShore Contracting, LLC	\$2,194,000
8A	Glass Industries, Inc.	\$1,244,200
9A	Can-Am Contractors, Inc.	\$2,226,125
9B	Lach Tile & Marble, Inc.	\$413,987
9C	Miller Flooring Company	\$82,500
9D	L & R Enterprises, Inc.	\$805,599
9E	Cochran & Mann, Inc.	\$248,400
11A	11400, Inc.	\$305,700
11B	TJ Distributors, Inc.	\$67,500
		<u>\$7,588,011</u>

Notes: 1) New school consisting of 102,158 sf.
2) Prevailing wage rates apply to this contract.
3) Project eligible for additional funding in a future fiscal year.

IAC Approval Date:

SECTION III - APPROVAL OF CONTRACTS

LEA: Montgomery County

PSC No 15.154.17 SR

Project Name: Clearspring Elementary

Bid Opening: 11/15/16

Project Type: Systemic Renovation

Scope of Work: HVAC Replacement

Basis for Award of Contract: base bid plus alt. 1

Basis of Funding: 24.9% of eligible base bid plus alt. 1

Local Funds: \$1,640,935

State Funds: \$544,065

Total Contract: \$2,185,000

State Contingency for Change Orders: \$0

Transfer State Funds:	Account No.	Amount
Decrease Project Amount:	<u>15.154.2017</u>	<u>\$54,935</u>
Increase Contingency Amount:	<u>40.000.2017</u>	<u>\$54,935</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
	Mallick Mechanical Contractors, Inc.	<u>\$2,185,000</u>
		<u>\$2,185,000</u>

Notes: 1) Replacement of the 1988 HVAC equipment including six (6) air handling units and one (1) heating and ventilating unit serving the administration and common spaces, 63 unit ventilators and eight (8) heat pump units serving the classrooms, two (2) boilers, and the controls system.

2) Prevailing wage rates required; project bid with non-prevailing wage rates therefore State participation in this contract is calculated at 24.9%.

3) Contingency removed per LEA request.

IAC Approval Date:

[illegible]

SECTION III - APPROVAL OF CONTRACTS

LEA: Prince George's County

PSC No 16.101.17 SR

Project Name: Frances R. Fuchs Early Childhood Center **Bid Opening:** 3/23/17

Project Type: Systemic Renovation

Scope of Work: Piping Replacement

Basis for Award of Contract: proposal dated 3/23/17 utilizing IFB #060-15 Pre-Qualified JOC Contractors

Basis of Funding: 63% of eligible proposal

Local Funds: \$403,020

State Funds: \$619,882

Total Contract: \$1,022,902

State Contingency for Change Orders: \$15,497

Transfer State Funds:	Account No.	Amount
Decrease Project Amount:	<u>16.101.2017</u>	<u>\$139,621</u>
Increase Contingency Amount:	<u>40.000.2017</u>	<u>\$139,621</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
	Shapiro & Duncan, Inc.	<u>\$1,022,902</u>
		<u>\$1,022,902</u>

Notes: 1) Replacement of the 1965/1966 steam piping and upgrades to the lighting in steam tunnels.
2) Prevailing wage rates apply to this contract.
3) Ineligible Contingency Allowance (\$30,000) and A/E and FF & E Fees (\$8,962).
4) The project delivery method is Design-Build utilizing IFB 060-15 Pre-Approved JOC Contractors. Bidder selected by technical evaluation and price proposal. State reimbursement is contingent upon DGS review of the design before LEA proceeds to the next stage of design or begins construction. If the design is found to be inadequate to State standards and is not corrected at local expense then funding for this project may be cancelled. Final adjustment of the State's participation shall be made at project closeout.

IAC Approval Date:

TO 008-17M Piping Replacement

March 23, 2017 Invitation No.008-17M Piping Replacement Frances Fuchs Early Childhood Center	Shapiro & Duncan, Inc.
DESCRIPTION	JOC Contractor
Base Bid Fee Proposal	\$441,401.00
Base Bid Includes Allowance referenced in Project Specifications of \$30,000 for unforeseen conditions.	\$30,000.00
Cost of Builder's all Risk Insurance (included in base bid)	\$15,773.00
Total Base Bid	\$441,401.00
Alternate No. 1: Demolish existing hot water piping; install new hot water piping and insulation	\$482,385.00
Alternate No. 2: Install new automatic shot feeder in chilled water system	\$6,576.00
Alternate No. 3: Replace existing shot feeder on hot water heating system	\$6,576.00
Alternate No. 5: Branch existing capped chilled water system to supply four classrooms (Rooms #13-16) that are currently using window boxes for air conditioning	\$85,964.00
Total Bid Alternates	\$581,501.00
Total Bid with Alternates	\$1,022,902.00

SECTION III - APPROVAL OF CONTRACTS

LEA: Maryland School for the Blind

PSC No 25.001.14/18 LPC

Project Name: Newcomer, Case & Campbell Halls

Bid Opening: 7/12/17

Project Type: Renovation/Addition

Scope of Work: Contract #1 (1 contract)

Basis for Award of Contract: GMP

Basis of Funding: 93% of eligible GMP

Local Funds: \$33,025,491

State Funds: \$1,180,437

Total Contract: \$34,205,928

State Contingency for Change Orders: \$0

Transfer State Funds:	Account No.	Amount
Decrease Project Amount:		<u>\$0</u>
Increase Contingency Amount:		<u>\$0</u>
Decrease Contingency Amount:		<u>\$0</u>
Increase Project Amount:		<u>\$0</u>

<u>Contract #</u>	<u>Contractor</u>	<u>Total Contract</u>
	Lewis Contractors, Inc.	<u>\$34,205,928</u>
		<u>\$34,205,928</u>

Notes: 1) Renovation of 83,013 sf and an addition of 12,033 sf, as well as demolition of 38,839 sf.

2) Prevailing wage rates apply to this contract.

3) Ineligible contingency allowance (\$954,945).

IAC Approval Date:

Maryland School for the Blind
Newcomer, Case & Campbell Halls Renovations & Addition
PSC Project # 25.001.17/LPC
August 11, 2017

Unit of Work	Description		GMP Cost	MDOT MBE Participation
Demolition & Hazardous Material Abatement	Selective demolition and hazardous material removal		\$ 1,595,500	\$ 558,425
Scaffolding	Interior & exterior scaffolding at Newcomer hall		\$ 235,459	\$ 39,000
Concrete	Concrete foundations, walls, slabs, elevator pit and handicap ramp		\$ 414,400	\$ 142,450
Unit Masonry	Decorative CMU veneer, CMU block backup, handicap ramp veneer, masonry rebar and grout fill		\$ 1,001,520	\$ 345,800
Masonry Restoration & Cleaning	Brick repointing, masonry infills, terra cotta pointing & cleaning existing exterior masonry		\$ 288,095	\$ 11,204
Cast Stone	Cast stone, coping, columns and window sills		\$ 34,600	\$ -
Structural & Miscellaneous	Structural Steel, Railings & Miscellaneous Metals		\$ 1,379,740	\$ 1,145,320
Rough Carpentry/Misc. Installations	Rough Carpentry, installation of Doors, Frames, Hardware, Louvers, wall protection & misc. accessories		\$ 937,000	\$ 123,000
Finish Carpentry & Casework	Interior trim, casework & counter tops		\$ 631,000	\$ 440,000
Waterproofing, Sealants & Air Barrier	Waterproofing, Joint Sealants & Air Barrier		\$ 233,615	\$ 79,805
Spray Foam Insulation	Spray foam insulation		\$ 174,771	\$ -
Roofing and Metal Panels	Demolish existing roofing, TPO roofing, slate roofing, simulated slate roofing, roof insulation and metal wall panels.		\$ 1,169,469	\$ 469,387
Spray Applied Fireproofing	Spray applied fireproofing		\$ 8,300	\$ -

Unit of Work	Description		GMP Cost	MDOT MBE Participation
Doors, Frames & Hardware	Supply doors, frames and hardware		\$ 299,637	\$ -
Aluminum Storefronts & Windows	Aluminum storefronts, aluminum and glass doors, automatic operators, aluminum windows and Gymnasium mirror		\$ 502,455	\$ 387,908
Fixed Louvers	Supply fixed louvers		\$ 12,000	\$ -
Wood Windows	Historic wood windows at Newcomer Hall		\$ 917,000	\$ 754,000
Drywall & Acoustical	Gypsum board assemblies, metal framing, acoustical ceilings and acoustical wall panels		\$ 2,456,353	\$ 529,700
Carpet, Resilient & Tile	Resilient flooring & rubber base, linoleum flooring, carpet and ceramic tile		\$ 830,759	\$ 830,759
Resinous Flooring	Resinous flooring and base		\$ 45,250	\$ 8,145
Painting	Interior & Exterior Painting		\$ 270,000	\$ 94,500
Visual Display Boards	Visual Display Boards		\$ 20,400	\$ 20,400
Toilet Partitions	Toilet Partitions		\$ 30,000	\$ 30,000
Toilet & Bath Accessories	Toilet & Bath Accessories		\$ 14,900	\$ 14,900
Metal Lockers	Metal Lockers		\$ 21,200	\$ 21,200
Safety Padding	Safety padding at Quiet Room		\$ 24,279	\$ -
Roller Window Shades	Manual & motorized roller window shades		\$ 53,220	\$ 53,220
Passenger Elevator	Two Hydraulic passenger elevators		\$ 176,590	\$ -
Fire Protection System	Wet pipe sprinkler system		\$ 480,000	\$ 70,000

Unit of Work	Description		GMP Cost	MDOT MBE Participation
Plumbing & HVAC	plumbing, heating & air conditions and automatic controls		\$ 6,241,675	\$ 2,565,200
Electrical	Electrical, lighting & fire alarm system		\$ 3,951,389	\$ 1,534,121
Site Work	Utilities, earth moving, site clearing & asphalt paving		\$ 723,561	\$ 735,499
Termite Control	Soil treatment for termite protection		\$ 10,000	\$ -
Landscaping	landscape plants, trees and sod		\$ 90,650	\$ 19,950
			\$ -	
#1-Subtotal of Cost of Work			\$ 25,274,787	
CM Allowances				
1 - Removal Of Existing Site Improvements	Remove site improvements, re-grade and sodding. Items not shown on the drawings		\$ 75,000	
2 - Replace slabs, create floor slopes, toppings and flashpatching	Replace concrete slabs for MEP underground work, create floor slopes to drains, concrete toppings, flashpatching and moisture mitigation		\$ 225,000	
3 - Additional Sediment Controls & Site Work For Phasing	Sediment controls and site modifications to coordinate with project phasing		\$ 100,000	
4 - Additional Structural Reinforcement, Infills & Shoring of Existing Structure	Reinforcing and shoring of existing floors and roof where not indicated on the drawings		\$ 50,000	
5 - Shore Loading Dock, Deep Excavation & Spoils Removal & Replacement	Shore existing loading dock, deep excavation and spoils removal and replacement at Case Hall addition		\$ 100,000	
6 - Construction laborer & Escorts	Construction laborer and subcontractor escort required by MSB		\$ 468,780	
7 - Negative Air Equipment	Negative air equipment, ducts and replacement filters		\$ 70,000	

Unit of Work	Description		GMP Cost	MDOT MBE Participation
8 - Remove Asbestos Pipe Coating	Remove asbestos from existing underground utility piping		\$ 25,000	
9 - Temporary Heating, Cooling & Weather Protection	Temporary heating, cooling and weather protection that may be required for installation of temperature sensitive materials		\$ 50,000	
10 - Construction Employee Background Checks	Independent employee background checks		\$ 25,000	
11 - Remove & Replace Unsuitable Soils, Rock & Underground Obstructions	Removal and replacement of unforeseen underground obstructions, rock or unsuitable soils		\$ 75,000	
12 - Door, Transom, Auto Operators, Borrowed Lites & Hardware Coordination	Coordinate doors, transoms, automatic operators, borrowed lites & hardware with MSB requirements		\$ 140,000	
13 - Modifications to Underground Roof Drain System	Modify, repair & connect to existing underground roof drain system		\$ 30,000	
14 - X-Ray Slabs & Precast Concrete Decks	X-Ray slabs abd decks prior to cutting new openings		\$ 10,000	
15 - Grass Cutting Within LOD	Grass cutting within LOD fencing throughout construction		\$ 20,000	
16 - Quiet Room Flooring in Room B004	Provide flooring in Quiet Room once selected by MSB		\$ 10,000	
17 - Refurbish & Repaint Exterior Elements To Remain & Interior Stairs & Railings	Refurbish and re-paint interior and exterior elements to remain at Newcomer Hall		\$ 100,000	
18 - Replace Limestone Base, Steps & Pavers At Newcomer Hall	New limestone base, steps and pavers at Newcomer Hall entrance		\$ 100,000	
19 - Refurbish Existing Terra Cotta Emblem & Additional Masonry Restoration	Refurbish existing terra cotta emblem and additional masonry restoration required by Md. Historical Trust		\$ 75,000	
20 - Point-up and repair interior walls	Repair interior walls		\$ 50,000	
21 - Archaeologist During Newcomer Hall Excavation	Presence of an Archaeologist during excavation at perimeter of Newcomer Hall, as required by the Md. Historical Trust		\$ 20,000	
22 - Monitor In-Wall Boxes & Dures Pull Cords	Provide monitor in-wall boxes and dures pull cords where directed by MSB		\$ 20,000	
23 - Final Cleaning	Final cleaning of building and windows upon completion of construction		\$ 85,000	

Unit of Work	Description		GMP Cost	MDOT MBE Participation
24 - Site Layout, Testing & Inspections	Site and building layout and independent testing and inspections		\$ 58,500	
25 - Md. Historical Trust Window and Masonry Requirements	Modify specifications for windows and masonry restoration as required by the Md. Historical Trust		\$ 100,000	
26 - Soil Amendments & Sod Repair	Soil amendments and sod repair to meet requirements of MSB		\$ 25,000	
27 - Access to Case/Campbell Hall Courtyard	Provide equipment access during phase 2 to the Case/Campbell Hall courtyard. Access is cut off after phase 1 construction		\$ 25,000	\$ -
#2 - Subtotal CM Allowances			\$ 2,132,280	
Accepted Add Alternates				
Alternate # 1 - Lightning Protection			\$ 43,000	
Alternate # 3 - Replace Campbell Hall Windows			\$ 187,613	
Alternate # 4 - Newcomer Hall West Handicap Entrance & Porch			\$ 320,199	
#3- Subtotal Accepted Add Alternates			\$ 550,812	
#4 - CM General Conditions:			\$ 3,873,619	
Subtotal with CM General Conditions:			\$ 31,831,498	
#5 - CM GMP Contingency @ 3%			\$ 954,945	
#6 - CM Liability Insurance @ .80%			\$ 262,292	
#7 - CM Fee @ 2.95%			\$ 974,938	
#8 - Payment & Performance Bonds			\$ 182,256	
Total GMP:			\$ 34,205,928	\$ 11,023,893
Total MBE Included In GMP (Goal=30.91%)				32.23%

SECTION V - APPROVAL OF PROPERTY DISPOSITION

A. FACILITIES STATUS CHANGE SUMMARY

1. LEA: Washington County Public Schools
School/Building: Conococheague Elementary School
12408 Learning Lane
Hagerstown, MD 21740
2. Building data:
 1. State Rated Capacity N/A
 2. Building sq. ft. 26,780
3. Site data:
 - a. Size: 13 acres
 - b. Acres involved in transaction: 13
4. Original construction date: 1960
Additions: None Renovations: None
5. Proposed change or reuse:

On August 7, 2012 the Washington County Board of Education (WCBOE) approved the closure of the Conococheague Elementary School at the end of the 2015-16 school year and moved to transfer the facility and land to the Washington County Commissioners. The IAC approved the transfer in 2016 and it was completed on June 30, 2016. Washington County Government subsequently has received a signed Letter of Intent and offer to purchase the property from a private buyer that would renovate the building into a geriatric physical therapy and medical facility.

IAC and BPW approval history:

1. IAC 1: 2016, property transfer
2. IAC 2 _____
- c. BPW 1 2016, property transfer
- d. BPW 2 _____
6. State investment in building and/or site? \$85,372
7. Outstanding State bond debt? \$0
Pre-February 1, 1971: \$ N/A Post February 1, 1971: \$0
Pay-off dates for bond sales involved: N/A
8. Additional comments and recommended IAC action.

Motion:

TO RECOMMEND TO THE BOARD OF PUBLIC WORKS APPROVAL OF THE DISPOSITION OF THE 13 ACRE SITE FORMERLY OCCUPIED BY CONOCOCHUEAGUE ELEMENTARY SCHOOL AT 12408 LEARNING LANE, HAGERSTOWN, MD 21740 BY WASHINGTON COUNTY GOVERNMENT TO SELL THE PROPERTY TO A PRIVATE OWNER.

IAC ACTION: THE ABOVE REFERENCED ITEMS WERE:

	Approved	Disapproved	Deferred	Abstain	Recuse
Dr. Karen Salmon	☒	☐	☐	☐	☐
Ms. Wendi Peters	☐	☐	☐	☐	☐
Mr. Ellington Churchill, Jr.	☒	☐	☐	☐	☐
Ms. Barbara Hoffman	☐	☐	☐	☐	☐
Mr. John Bohanan	☒	☐	☐	☐	☐

SECTION V - APPROVAL OF PROPERTY TRANSFER – cont'd

B. FACILITIES STATUS CHANGE SUMMARY

1. LEA: Carroll County Public Schools

School/Building: Charles Carroll Elementary School
3719 Littlestown Park
Westminster, Maryland 21157
2. Building data:
 1. State Rated Capacity 320
 2. Building sq. ft. 43,700
3. Site data:
 - a. Size: 13.79 acres
 - b. 13.79 acres involved in transaction
4. Original construction date: 1929
Additions: 1950 and 1973

Renovations: _____
5. Proposed change or reuse:

The Carroll County Board of Education (CCBOE) examined school closure and redistricting options in 2015 to address declining enrollment in the county. On December 9, 2015, the CCBOE approved the closure of Charles Carroll Elementary School and transfer to the Carroll County Government. The IAC and BPW approved the transfer of Charles Carroll Elementary School to the Carroll County Government in 2016.

Because the building is in disrepair, Carroll County Government has decided to demolish the former school and construct a Community Center on the site. On May 31, 2017, Carroll County Board of Education forwarded an executed Public School Transfer Agreement to the PSCP with a payment of \$79,478 for outstanding bond debt on the former school.

6. IAC and BPW approval history:
 1. IAC 1: September 2016
 2. IAC 2: _____
 3. BPW 1: October 2016
 4. BPW 2: _____
7. State investment in building and/or site? \$ 1,075,537
8. Outstanding State bond debt? \$79,478
Pre February 1, 1971: \$ N/A Post February 1, 1971: \$79,478

Pay-off dates for bond sales involved:
08/01/2019, 08/01/2019, 08/01/2020
9. Additional comments and recommended IAC action.

Motion:

TO RECOMMEND TO THE BOARD OF PUBLIC WORKS APPROVAL OF THE DISPOSITION OF THE 13.79 ACRE FORMER CHARLES CARROLL ELEMENTARY SCHOOL SITE, 3719 LITTLESTOWN PIKE, WESTMINSTER, MARYLAND 21158, BY THE CARROLL COUNTY GOVERNMENT, SO THAT THE COUNTY MAY DEMOLISH THE BUILDING AND CONSTRUCT A COMMUNITY CENTER AT THE SITE.

IAC ACTION: THE ABOVE REFERENCED ITEMS WERE:

	Approved	Disapproved	Deferred	Abstain	Recuse
Dr. Karen Salmon	☒	☐	☐	☐	☐
Ms. Wendi Peters	☐	☐	☐	☐	☐
Mr. Ellington Churchill, Jr.	☒	☐	☐	☐	☐
Ms. Barbara Hoffman	☐	☐	☐	☐	☐
Mr. John Bohanan	☒	☐	☐	☐	☐

SECTION V - APPROVAL OF PROPERTY TRANSFER – cont'd

C. FACILITIES STATUS CHANGE SUMMARY

1. LEA: Carroll County Public Schools

School/Building: North Carroll High School
1400 Panther Drive
Hampstead, Maryland 21074
2. Building data:
 1. State Rated Capacity N/A
 2. Building sq. ft. 233,400
3. Site data:
 - a. Size: 52 acres
 - b. 52 acres involved in transaction
4. Original construction date: 1976
Additions: 1986 Renovations: _____
5. Proposed change or reuse:

The Carroll County Board of Education (CCBOE) examined school closure and redistricting options in 2015 to address declining enrollment in the county. On December 9, 2015, the CCBOE approved the closure of Charles Carroll Elementary School and transfer to the Carroll County Government. The IAC and BPW approved the transfer of North Carroll High School to the Carroll County Government in 2016.

Carroll County Government intends to rehabilitate portions of the school to allow for the relocation of the Carroll County Board of Education's Headquarters and to accommodate personnel from the Carroll County's Sheriff's Office. The county will not charge rent for these two agencies. On May 31, 2017, Carroll County Board of Education forwarded an executed Public School Transfer Agreement to the PSCP with a payment of \$299,199 for outstanding bond debt on the former school.

6. IAC and BPW approval history:
 1. IAC 1: September 2016
 2. IAC 2: _____
 3. BPW 1: October 2016
 4. BPW 2: _____
7. State investment in building and/or site? \$10,360,196
8. Outstanding State bond debt? \$299,199

Pre February 1, 1971: \$ N/A Post February 1, 1971: \$299,199

Pay-off dates for bond sales involved:
8/1/2019, 08/01/2020, 08/01/2029
9. Additional comments and recommended IAC action.

Motion:

TO RECOMMEND TO THE BOARD OF PUBLIC WORKS APPROVAL OF THE DISPOSITION OF THE NORTH CARROLL HIGH SCHOOL SITE, 1400 PANTHER DRIVE, HAMPSTEAD, MARYLAND, 21074, SO THAT CARROLL COUNTY GOVERNMENT MAY REHABILITATE PORTIONS OF THE FORMER SCHOOL FOR USE AS THE CARROLL COUNTY BOARD OF EDUCATION'S HEADQUARTERS AND FOR USE BY THE CARROLL COUNTY SHERIFF'S DEPARTMENT.

IAC ACTION: THE ABOVE REFERENCED ITEMS WERE:

	Approved	Disapproved	Deferred	Abstain	Recuse
Dr. Karen Salmon	☒	☐	☐	☐	☐
Ms. Wendi Peters	☒	☐	☐	☐	☐
Mr. Ellington Churchill, Jr.	☒	☐	☐	☐	☐
Ms. Barbara Hoffman	☐	☐	☐	☐	☐
Mr. John Bohanan	☒	☐	☐	☐	☐

SECTION VI - APPROVAL OF ACCOUNTING ACTIONS

A. AUDIT EXCEPTIONS

1. Howard County

An audit was conducted in Howard County on State funds received under the Public School Construction Program. There are no back charges to Howard County as a result of this audit.

Motion:

TO APPROVE THE AUDIT FINDINGS AS NOTED ABOVE FOR HOWARD COUNTY PUBLIC SCHOOLS.

IAC ACTION: THE ABOVE REFERENCED ITEMS WERE:

	Approved	Disapproved	Deferred	Abstain	Recuse
Dr. Karen Salmon	☒	☐	☐	☐	☐
Ms. Wendi Peters	☒	☐	☐	☐	☐
Mr. Ellington Churchill, Jr.	☒	☐	☐	☐	☐
Ms. Barbara Hoffman	☐	☐	☐	☐	☐
Mr. John Bohanan	☒	☐	☐	☐	☐

2. Frederick County

An audit was conducted in Frederick County on State funds received under the Public School Construction Program. There are no back charges to Frederick County as a result of this audit.

Motion:

TO APPROVE THE AUDIT FINDINGS AS NOTED ABOVE FOR FREDERICK COUNTY PUBLIC SCHOOLS.

IAC ACTION: THE ABOVE REFERENCED ITEMS WERE:

	Approved	Disapproved	Deferred	Abstain	Recuse
Dr. Karen Salmon	☒	☐	☐	☐	☐
Ms. Wendi Peters	☒	☐	☐	☐	☐
Mr. Ellington Churchill, Jr.	☒	☐	☐	☐	☐
Ms. Barbara Hoffman	☐	☐	☐	☐	☐
Mr. John Bohanan	☒	☐	☐	☐	☐

SECTION VI - APPROVAL OF ACCOUNTING ACTIONS – cont'd

B. PROJECT ALLOCATION REVERSIONS

The following projects have been completed but the accounts have not been audited or closed. The amounts indicated are apparently in excess and are recommended for transfer to the statewide contingency accounts.

<u>Project Name</u>	<u>Project Number</u>	<u>Amount</u>
<u>FREDERICK COUNTY</u>		
Hillcrest Elementary	10.039.2017	\$ 6,656
Carroll Manor Elementary	10.066.2017	2,442
		<u>\$ 9,098</u>
<u>HARFORD COUNTY</u>		
Norrisville Elementary	12.055.2014	\$ 66,872
		<u>\$ 66,872</u>
<u>PRINCE GEORGE'S COUNTY</u>		
Crossland High	16.033.2013	\$ 4,871
		<u>\$ 4,871</u>
<u>BALTIMORE CITY</u>		
#081 North Bend PK-8	30.041.2008	\$ 84
#087 Windsor Hill PK-8	30.045.2012 SA	7,115
#233 Roland Park Elementary/Middle	30.092.2012 SA	7,228
#245 Leith Walk PK-8	30.194.2009	274,034
#245 Leith Walk PK-8	30.194.2012	12,539
#035 Harlem Park PK-8	30.277.2015	6,309
		<u>\$ 307,309</u>
Total Reversion:		<u>\$ 388,150</u>

Motion:

TO APPROVE, SUBJECT TO FINAL AUDIT, THE REVERSION OF THE AMOUNTS IDENTIFIED ABOVE TO THE APPROPRIATE STATEWIDE CONTINGENCY ACCOUNTS.

IAC ACTION: THE ABOVE REFERENCED ITEMS WERE:

	Approved	Disapproved	Deferred	Abstain	Recuse
Dr. Karen Salmon	☒	☐	☐	☐	☐
Ms. Wendi Peters	☒	☐	☐	☐	☐
Mr. Ellington Churchill, Jr	☒	☐	☐	☐	☐
Ms. Barbara Hoffman	☐	☐	☐	☐	☐
Mr. John Bohanan	☒	☐	☐	☐	☐

SECTION VI – APPROVAL OF ACCOUNTING ACTIONS – cont’d**D. REPORT ON CLOSED PROJECTS**

The projects listed below have received final audit and State funding shall be as follows:

<u>Project Name</u>	<u>Project Type</u>	<u>Approved Contracts Form 306.6</u>	<u>Final Project Cost</u>
<u>FREDERICK COUNTY</u>			
1. Hillcrest Elementary 10.039.2017	Roof	266,240	<u>\$ 266,240</u>
2. Carroll Manor Elementary 10.066.2017	Chiller	97,699	<u>\$ 97,699</u>
<u>HARFORD COUNTY</u>			
3. Norrisville Elementary 12.055.2006 12.055.2014	HVAC	27,261 1,618,654	<u>\$ 1,645,915</u>
<u>PRINCE GEORGE'S COUNTY</u>			
4. Crossland High 16.033.2008 16.033.2011 16.033.2012 16.033.2013	Addition	750,000 500,000 475,000 1,331,129	<u>\$ 3,056,129</u>
<u>BALTIMORE CITY</u>			
5. #081 North Bend PK-8 30.041.2008	Windows/Doors	365,190	<u>\$ 365,190</u>
6. #087 Windsor Hills PK-8 30.045.2012 SA	Grease Traps	1,885	<u>\$ 1,885</u>
7. #233 Roland Park Elementary/Middle 30.092.2012 SA	Grease Traps	1,772	<u>\$ 1,772</u>
8. #245 Leith Walk Elementary 30.194.2006 30.194.2009 30.194.2010 30.194.2011 30.194.2012 30.194.2013	Renovation/Addition	433,233 1,896,043 1,369,757 6,715,243 8,516,326 119,000	<u>\$ 19,049,602</u>
9. #250 Dr. Bernard E. Harris, Sr. Elementary Roof 30.204.2015		1,000,000	<u>\$ 1,000,000</u>

SECTION VI – APPROVAL OF ACCOUNTING ACTIONS – cont’d**D. REPORT ON CLOSED PROJECTS**

The projects listed below have received final audit and State funding shall be as follows:

<u>Project Name</u>	<u>Project Type</u>	<u>Approved Contracts Form 306.6</u>	<u>Final Project Cost</u>
<u>FREDERICK COUNTY</u>			
1. Hillcrest Elementary 10.039.2017	Roof	266,240	<u>\$ 266,240</u>
2. Carroll Manor Elementary 10.066.2017	Chiller	97,699	<u>\$ 97,699</u>
<u>HARFORD COUNTY</u>			
3. Norrisville Elementary 12.055.2006 12.055.2014	HVAC	27,261 1,618,654	<u>\$ 1,645,915</u>
<u>PRINCE GEORGE'S COUNTY</u>			
4. Crossland High 16.033.2008 16.033.2011 16.033.2012 16.033.2013	Addition	750,000 500,000 475,000 1,331,129	<u>\$ 3,056,129</u>
<u>BALTIMORE CITY</u>			
5. #081 North Bend PK-8 30.041.2008	Windows/Doors	365,190	<u>\$ 365,190</u>
6. #087 Windsor Hills PK-8 30.045.2012 SA	Grease Traps	1,885	<u>\$ 1,885</u>
7. #233 Roland Park Elementary/Middle 30.092.2012 SA	Grease Traps	1,772	<u>\$ 1,772</u>
8. #245 Leith Walk Elementary 30.194.2006 30.194.2009 30.194.2010 30.194.2011 30.194.2012 30.194.2013	Renovation/Addition	433,233 1,896,043 1,369,757 6,715,243 8,516,326 119,000	<u>\$ 19,049,602</u>
9. #250 Dr. Bernard E. Harris, Sr. Elementary Roof 30.204.2015		1,000,000	<u>\$ 1,000,000</u>

SECTION VI – APPROVAL OF ACCOUNTING ACTIONS – cont’d

E. FUNDING AMENDMENTS

1. Capital Improvement Program Amendment – Amendment to the FY 2018 CIP

In accordance with §5-301 (j)(3)(i) of the Education Article, if school construction funds provided to a county in one Fiscal Year Capital Improvement Program (CIP) cannot be allocated to, or used for, the eligible project within two years of the initial authorization, the county may opt to have the funds: 1) applied to another eligible project in the current FY 2018 CIP or 2) reserved in the contingency fund for eligible projects in the county for the FY 2019 CIP.

Each LEA was notified of their reserve contingency balance in August 2017. The increased project allocations shown below reflect the LEA requests to amend the FY 2018 CIP as follows:

LEA	Project Name	PSC Number	Project Scope	Current Allocation	Requested Adjustment	Total Revised Allocation
Anne Arundel	George Cromwell Elementary (1)	02.063.18 LPC	Ren/Add	1,000,000	268,283	1,268,283
Prince George's	Robert Goddard Montessori (1)	16.181.16/18 SR	HVAC	5,041,576	3,901,000	8,942,576
	Andrew Jackson Middle (2)	16.197.18 SR	Windows	0	289,163	289,163
MSB	Newcomer, Case & Campbell Halls (1)	25.001.14/18 LPC	Ren/Add	1,180,437	140,268	1,320,705
		Totals		\$7,222,013	\$4,598,714	\$11,820,727

(1) Project was partially funded in the FY 2018 CIP.

(2) Project was a “B” status deferred due to fiscal constraints in the FY 2018 CIP; project status is revised to “A”.

Motion:

TO RECOMMEND TO THE BOARD OF PUBLIC WORKS APPROVAL OF AN AMENDMENT TO THE FISCAL YEAR 2018 CAPITAL IMPROVEMENT PROGRAM TO INCREASE FUNDING IN THE AMOUNTS OF \$268,283 FOR GEORGE CROMWELL ELEMENTARY SCHOOL IN ANNE ARUNDEL COUNTY, \$3,901,000 FOR ROBERT GODDARD MONTESSORI AND \$289,163 FOR ANDREW JACKSON MIDDLE IN PRINCE GEORGE'S COUNTY, AND \$140,268 FOR NEWCOMER, CASE AND CAMPBELL HALLS FOR THE MARYLAND SCHOOL FOR THE BLIND; AND TO APPROVE THE TRANSFER OF \$4,598,714 FROM THE FY 2018 LEA CONTINGENCY ACCOUNTS RESERVED FOR ANNE ARUNDEL COUNTY PUBLIC SCHOOLS, PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS AND THE MARYLAND SCHOOL FOR THE BLIND.

IAC ACTION: THE ABOVE REFERENCED ITEMS WERE:

	Approved	Disapproved	Deferred	Abstain	Recuse
Dr. Karen Salmon	☒	☐	☐	☐	☐
Ms. Wendi Peters	☒	☐	☐	☐	☐
Mr. Ellington Churchill	☒	☐	☐	☐	☐
Ms. Barbara Hoffman	☐	☐	☐	☐	☐
Mr. John Bohanan	☒	☐	☐	☐	☐

SECTION VIII – INFORMATION

A. CHANGE ORDERS

(9/13/17)

SUMMARY

The following statistical information is for Change Order Letters dated September 13, 2017 to be included in the September 6, 2017 Agenda for IAC Meeting approval of Contracts & Items; Approval date September 13, 2017.

Number of LEA's Reviewed:	6	(16 school projects)		
Total Change Orders Reviewed:	281			
Total Issues Reviewed:	282			
Total Credit Returned to the State:			\$	0
Total Participation in Change Orders by the State:			\$	0
Net Balance:			\$	0

Returned to/Paid by the State

	<u>State</u>	<u>Local</u>	<u>Total</u>
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NOTE: Descriptions are provided for all Change Order Items that are \$15,000 and over.

Baltimore

Sparks Elementary School
PSC: 03.117.11/15 LPC

C.O. #1	0	1,885	1,885
C.O. #2	0	10,676	10,676
C.O. #3	0	14,346	14,346
C.O. #4 (Misc. Changes)	0	35,474	35,474

Carroll

Mechanicsville Elementary School
PSC: 06.007.15 SR (Roof)

C.O. #1 (Allowance Work)	0	0	0
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Carroll County Career & Technology
PSC: 06.032.16 SR (Roof)

C.O. #1 (Allowance Credit)	0	<3,800>	<3,800>
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SECTION VIII – INFORMATION – cont'd**A. CHANGE ORDERS – (Continued)****(9/13/17)**

		<u>State</u>	<u>Local</u>	<u>Total</u>
<u>Carroll</u> (Continued)				
Manchester Elementary School PSC: 06.033.15 SR (Roof)				
C.O. #1	(Allowance Credit)	0	<16,500>	<16,500>
C.O. #2	(Allowance Credit)	0	<13,500>	<13,500>
C.O. #3	(Allowance Credit)	0	<9,923>	<9,923>
Manchester Elementary School PSC: 06.033.11/15 SR (HVAC)				
C.O. #C1-19	(Back Charge)	0	<8,500>	<8,500>
C.O. #C1-20		0	11,200	11,200
C.O. #C1-21		0	3,628	3,628
C.O. #C1-22		0	3,189	3,189
C.O. #C1-23	(Back Charge)	0	<3,950>	<3,950>
C.O. #C1-24	(HVAC Work)	0	18,435	18,435
Westminster High School PSC: 06.042.16 SR (Roof)				
C.O. #1		0	1,328	1,328
C.O. #2		0	10,288	10,288
C.O. #3	(Standing Seam Roof)	0	23,727	23,727
C.O. #4	(Roof Allowance)	0	<14,520>	<14,520>
C.O. #5		0	2,563	2,563
C.O. #6		0	1,668	1,668

SECTION VIII – INFORMATION – cont'd**A. CHANGE ORDERS – (Continued)****(9/13/17)**

	<u>State</u>	<u>Local</u>	<u>Total</u>
<u>Cecil</u>			
Thomson Estates Elementary School PSC: 07.011.17 SR (Boiler)			
C.O. #1 Items 1 & 2	0	18,225	18,225
Kenmore Elementary School PSC: 07.021.17 SR (Boiler)			
C.O. #1	0	449	449
Cherry Hill Middle School PSC: 07.039.17 SR (Boiler)			
C.O. #1	0	11,526	11,526
<u>Charles</u>			
Benjamin Stoddert Middle School PSC: 08.002.14ACI/16/17 SR (RTU/Boiler)			
C.O. #C2-1	0	6,850	6,850
C.O. #C2-2	0	4,925	4,925
C.O. #C2-3	0	3,127	3,127
C.O. #C2-4	0	2,243	2,243
C.O. #C2-5 (Misc. Changes)	0	20,385	20,385
Daniel of St. Thomas Jennifer Elementary School PSC: 08.025.16/17 LPC			
C.O. #1	0	14,725	14,725
C.O. #2 (Misc. Changes)	0	25,915	25,915
C.O. #3 (Misc. Changes)	0	42,723	42,723

SECTION VIII – INFORMATION – cont'd**A. CHANGE ORDERS – (Continued)****(9/13/17)**

	<u>State</u>	<u>Local</u>	<u>Total</u>
<u>Charles</u> (Continued)			
Mary H. Matula Elementary School PSC: 08.032.16/17 LPC			
C.O. #1 (Scope Credit)	0	0	0
C.O. #2 (Misc. Changes)	0	15,773	15,773
C.O. #3	0	7,804	7,804
C.O. #4 (Misc. Changes)	0	31,950	31,950
<u>Frederick</u>			
Yellow Springs Elementary School PSC: 10.007.15 SR (Boiler)			
C.O. #1	0	6,872	6,872
C.O. #2 (Permit Fee Credit)	0	<800>	<800>
New Market Middle School PSC: 10.031.16 SR (Boiler)			
C.O. #1-1	0	4,257	4,257
<u>Howard</u>			
Atholton High School PSC: 13.013.13/14/15 LPC			
C.O. #C1A-77	0	9,557	9,557
C.O. #C1A-78	0	1,186	1,186
C.O. #C1A-79	0	695	695
C.O. #C1A-80	0	4,227	4,227
C.O. #C1A-81	0	2,994	2,994
C.O. #C1A-82	0	3,934	3,934

SECTION VIII – INFORMATION – cont'd**A. CHANGE ORDERS – (Continued)****(9/13/17)**

	<u>State</u>	<u>Local</u>	<u>Total</u>
<u>Howard</u> (Continued)			
Atholton High School (continued)			
PSC: 13.013.13/14/15 LPC			
C.O. #C1A-83	0	1,603	1,603
C.O. #C1A-84	0	1,251	1,251
C.O. #C1A-85	0	2,037	2,037
C.O. #C1A-86	0	786	786
C.O. #C1A-87 (Roof Deck Repairs)	0	29,689	29,689
C.O. #C1A-88	0	6,529	6,529
C.O. #C1A-89	0	2,014	2,014
C.O. #C1A-90	0	1,303	1,303
C.O. #C1A-91 (Stadium Door and Frame)	0	27,669	27,669
C.O. #C1A-92	0	486	486
C.O. #C1A-93	0	1,384	1,384
C.O. #C1A-94	0	1,493	1,493
C.O. #C1A-95	0	5,947	5,947
C.O. #C1A-96	0	2,121	2,121
C.O. #C1A-97	0	204	204
C.O. #C1A-98	0	8,398	8,398
C.O. #C1A-99	0	3,107	3,107
C.O. #C1A-100	0	4,616	4,616
C.O. #C1A-101	0	4,088	4,088
C.O. #C1A-102 (Change to VCT)	0	<9,410>	<9,410>
C.O. #C1A-103	0	1,065	1,065
C.O. #C1A-104 (Roof Deck Repairs)	0	19,963	19,963

SECTION VIII – INFORMATION – cont'd**A. CHANGE ORDERS – (Continued)****(9/13/17)**

	<u>State</u>	<u>Local</u>	<u>Total</u>
<u>Howard</u> (Continued)			
Atholton High School (continued)			
PSC: 13.013.13/14/15 LPC			
C.O. #C1A-105	0	8,716	8,716
C.O. #C1A-106	0	1,718	1,718
C.O. #C1A-107	0	1,124	1,124
C.O. #C1A-108	0	3,000	3,000
C.O. #C1A-109	0	2,559	2,559
C.O. #C1A-110	0	906	906
C.O. #C1A-111	0	1,980	1,980
C.O. #C1A-112 (Roof Deck Repairs)	0	17,275	17,275
C.O. #C1A-113	0	680	680
C.O. #C1A-114	0	7,247	7,247
C.O. #C1A-115 (New Kitchen Kettle)	0	23,666	23,666
C.O. #C1A-116 (Dumpster Credit)	0	<192,720>	<192,720>
C.O. #C1A-117 (Existing Roof Repair)	0	16,895	16,895
C.O. #C2A-18 (Temporary Roadway)	0	21,625	21,625
C.O. #C2A-19 (Delete Pedestrian Gate)	0	<1,950>	<1,950>
C.O. #C2A-20	0	6,160	6,160
C.O. #C2A-21	0	11,586	11,586
C.O. #C2A-22	0	1,209	1,209
C.O. #C2A-23	0	8,151	8,151
C.O. #C4A-33 (Delete Lintel Repairs)	0	<19,200>	<19,200>
C.O. #C4A-34	0	1,265	1,265
C.O. #C4A-35	0	2,278	2,278

SECTION VIII – INFORMATION – cont'd**A. CHANGE ORDERS – (Continued)****(9/13/17)**

	<u>State</u>	<u>Local</u>	<u>Total</u>
<u>Howard</u> (Continued)			
Atholton High School (continued)			
PSC: 13.013.13/14/15 LPC			
C.O. #C4A-36	0	3,709	3,709
C.O. #C4A-37 (Delete Six Lintels)	0	<19,200>	<19,200>
C.O. #C4A-38	0	2,282	2,282
C.O. #C4A-39	0	2,020	2,020
C.O. #C4A-40	0	670	670
C.O. #C4A-41	0	660	660
C.O. #C4A-42	0	4,977	4,977
C.O. #C4A-43	0	4,703	4,703
C.O. #C9A-33	0	1,366	1,366
C.O. #C9A-34	0	2,614	2,614
C.O. #C9A-35	0	433	433
C.O. #C9A-36	0	346	346
C.O. #C9A-37	0	1,568	1,568
C.O. #C9A-38	0	1,271	1,271
C.O. #C9A-39	0	2,292	2,292
C.O. #C9A-40	0	741	741
C.O. #C9A-41	0	3,456	3,456
C.O. #C9A-42	0	10,619	10,619
C.O. #C9A-43	0	1,656	1,656
C.O. #C9A-44	0	1,172	1,172
C.O. #C9C-3 (Scope Changes)	0	0	0
C.O. #C9C-4	0	992	992

SECTION VIII – INFORMATION – cont'd**A. CHANGE ORDERS – (Continued)****(9/13/17)**

	<u>State</u>	<u>Local</u>	<u>Total</u>
<u>Howard</u> (Continued)			
Atholton High School (continued)			
PSC: 13.013.13/14/15 LPC			
C.O. #C9E-10 (Scope Change)	0	<1,204>	<1,204>
C.O. #C9E-11	0	681	681
C.O. #C9E-12	0	2,208	2,208
C.O. #C15A-56	0	1,964	1,964
C.O. #C15A-57 (Scope Adjustments)	0	<1,787>	<1,787>
C.O. #C15A-58	0	5,436	5,436
C.O. #C15A-59	0	8,136	8,136
C.O. #C15A-60	0	359	359
C.O. #C15A-61	0	1,585	1,585
C.O. #C15A-62	0	1,917	1,917
C.O. #C15A-63	0	537	537
C.O. #C15A-64	0	10,931	10,931
C.O. #C15A-65	0	3,614	3,614
C.O. #C15A-66	0	3,648	3,648
C.O. #C15A-67 (Provide Hot Water to Labs)	0	50,861	50,861
C.O. #C15A-68	0	3,679	3,679
C.O. #C15A-69	0	1,003	1,003
C.O. #C15A-70	0	9,722	9,722
C.O. #C15A-71 (Scope Changes)	0	17,551	17,551
C.O. #C15A-72 (Portable Classroom Revisions)	0	30,308	30,308
C.O. #C15A-73 (Temp Cooling at Cafeteria)	0	15,428	15,428
C.O. #C15A-74 (Scope Adjustments)	0	<906>	<906>

SECTION VIII – INFORMATION – cont'd**A. CHANGE ORDERS – (Continued)****(9/13/17)**

	<u>State</u>	<u>Local</u>	<u>Total</u>
<u>Howard</u> (Continued)			
Atholton High School (continued)			
PSC: 13.013.13/14/15 LPC			
C.O. #C15A-75 (Scope Adjustments)	0	<368>	<368>
C.O. #C15A-76	0	3,012	3,012
C.O. #C15A-77 (Scope Adjustments)	0	<293>	<293>
C.O. #C15A-78	0	4,925	4,925
C.O. #C15A-79	0	3,865	3,865
C.O. #C15A-80	0	4,115	4,115
C.O. #C15A-81 (Commissioning Credit)	0	<25,754>	<25,754>
C.O. #C15A-82	0	2,268	2,268
C.O. #C15A-83	0	4,512	4,512
C.O. #C15A-84	0	5,306	5,306
C.O. #C16A-90	0	1,844	1,844
C.O. #C16A-91	0	1,520	1,520
C.O. #C16A-92	0	1,095	1,095
C.O. #C16A-93	0	2,585	2,585
C.O. #C16A-94	0	11,249	11,249
C.O. #C16A-95	0	1,284	1,284
C.O. #C16A-96	0	3,719	3,719
C.O. #C16A-97	0	6,837	6,837
C.O. #C16A-98	0	<1,220>	<1,220>
C.O. #C16A-99	0	619	619
C.O. #C16A-100 (Scope Adjustments)	0	<25,720>	<25,720>
C.O. #C16A-101	0	808	808

SECTION VIII – INFORMATION – cont'd**A. CHANGE ORDERS – (Continued)****(9/13/17)**

	<u>State</u>	<u>Local</u>	<u>Total</u>
<u>Howard</u> (Continued)			
Atholton High School (continued)			
PSC: 13.013.13/14/15 LPC			
C.O. #C16A-102	0	1,918	1,918
C.O. #C16A-103	0	955	955
C.O. #C16A-104	0	607	607
C.O. #C16A-105	0	738	738
C.O. #C16A-106	0	516	516
C.O. #C16A-107	0	1,430	1,430
C.O. #C16A-108	0	6,512	6,512
C.O. #C16A-109	0	2,258	2,258
C.O. #C16A-110 (Scope Adjustments)	0	<9,973>	<9,973>
C.O. #C16A-111	0	710	710
C.O. #C16A-112	0	3,725	3,725
C.O. #C16A-113	0	674	674
C.O. #C16A-114	0	1,170	1,170
C.O. #C16A-115	0	1,788	1,788
C.O. #C16A-116	0	326	326
C.O. #C16A-117	0	2,255	2,255
C.O. #C16A-118	0	3,751	3,751
C.O. #C16A-119	0	461	461
C.O. #C16A-120	0	444	444
C.O. #C16A-121	0	444	444
C.O. #C16A-122	0	5,826	5,826
C.O. #C16A-123	0	1,835	1,835

SECTION VIII – INFORMATION – cont'd**A. CHANGE ORDERS – (Continued)****(9/13/17)**

	<u>State</u>	<u>Local</u>	<u>Total</u>
<u>Howard</u> (Continued)			
Atholton High School (continued)			
PSC: 13.013.13/14/15 LPC			
C.O. #C16A-124	0	10,458	10,458
C.O. #C16A-125	0	3,010	3,010
C.O. #C16A-126	0	282	282
C.O. #C16A-127	0	5,544	5,544
C.O. #C16A-128	0	1,128	1,128
C.O. #C16A-129	0	5,720	5,720
C.O. #C16A-130	0	3,954	3,954
C.O. #C16A-131	0	11,700	11,700
C.O. #C16A-132 (Scope Adjustments)	0	<750>	<750>
C.O. #C16A-133	0	2,029	2,029
C.O. #C16A-134	0	368	368
C.O. #C16A-135	0	659	659
C.O. #C16A-136	0	536	536
C.O. #C16A-137	0	822	822
C.O. #C16A-138	0	7,701	7,701
C.O. #C16A-139 (Scope Adjustments)	0	<879>	<879>
C.O. #C16A-140	0	448	448
C.O. #C16A-141	0	383	383
C.O. #C16A-142	0	844	844
C.O. #C16A-143	0	754	754
C.O. #C16A-144	0	10,981	10,981
C.O. #C16A-145	0	1,233	1,233

SECTION VIII – INFORMATION – cont'd**A. CHANGE ORDERS – (Continued)****(9/13/17)**

	<u>State</u>	<u>Local</u>	<u>Total</u>
<u>Howard</u> (Continued)			
Atholton High School (continued)			
PSC: 13.013.13/14/15 LPC			
C.O. #C16A-146	0	532	532
C.O. #C16A-147 (Scope Adjustments)	0	<1,320>	<1,320>
Longfellow Elementary School			
PSC: 13.056.14/15 LPC			
C.O. #C1A-9	0	1,126	1,126
C.O. #C1A-10	0	2,124	2,124
C.O. #C1A-11 (Floor Levelling)	0	15,963	15,963
C.O. #C1A-12	0	11,937	11,937
C.O. #C1A-13 (Temporary Carpet)	0	15,121	15,121
C.O. #C1A-14	0	2,622	2,622
C.O. #C1A-15	0	2,018	2,018
C.O. #C1A-16	0	2,179	2,179
C.O. #C1A-17	0	569	569
C.O. #C1A-18	0	1,395	1,395
C.O. #C1A-19	0	8,152	8,152
C.O. #C1A-20	0	9,322	9,322
C.O. #C1A-21 (Misc. Work)	0	21,093	21,093
C.O. #C1A-22	0	12,782	12,782
C.O. #C2A-5	0	7,200	7,200
C.O. #C2A-6	0	8,156	8,156
C.O. #C2A-7	0	3,858	3,858
C.O. #C2A-8	0	2,613	2,613

SECTION VIII – INFORMATION – cont'd**A. CHANGE ORDERS – (Continued)****(9/13/17)**

	<u>State</u>	<u>Local</u>	<u>Total</u>
<u>Howard</u> (Continued)			
Longfellow Elementary School (continued)			
PSC: 13.056.14/15 LPC			
C.O. #C2A-9	0	2,189	2,189
C.O. #C2A-10	0	4,918	4,918
C.O. #C2A-11	0	698	698
C.O. #C2A-12	0	863	863
C.O. #C2A-13	0	3,319	3,319
C.O. #C2A-14	0	882	882
C.O. #C2A-15	0	1,785	1,785
C.O. #C2A-16	0	10,067	10,067
C.O. #C4A-7 (Delay Claim)	0	18,422	18,422
C.O. #C4A-8	0	14,148	14,148
C.O. #C4A-9	0	2,764	2,764
C.O. #C4A-10	0	8,890	8,890
C.O. #C4A-11	0	13,400	13,400
C.O. #C4A-12	0	3,664	3,664
C.O. #C4A-13	0	596	596
C.O. #C4A-14	0	596	596
C.O. #C4A-15	0	312	312
C.O. #C4A-16	0	1,492	1,492
C.O. #C4A-17	0	728	728
C.O. #C4A-18	0	1,278	1,278
C.O. #C4A-19	0	2,528	2,528
C.O. #C4A-20	0	1,419	1,419

SECTION VIII – INFORMATION – cont'd**A. CHANGE ORDERS – (Continued)****(9/13/17)**

	<u>State</u>	<u>Local</u>	<u>Total</u>
<u>Howard</u> (Continued)			
Longfellow Elementary School (continued)			
PSC: 13.056.14/15 LPC			
C.O. #C4A-21	0	824	824
C.O. #C4A-22	0	2,275	2,275
C.O. #C4A-23	0	3,172	3,172
C.O. #C7A-5 (Credit for Projector)	0	<2,606>	<2,606>
C.O. # C7A-6	0	4,426	4,426
C.O. # C7A-7	0	922	922
C.O. #C15A-6	0	12,214	12,214
C.O. #C15A-7	0	814	814
C.O. #C15A-8 (MBE Credit)	0	<1,576>	<1,576>
C.O. #C15A-9	0	1,245	1,245
C.O. #C15A-10	0	5,299	5,299
C.O. #C15A-11	0	3,933	3,933
C.O. #C15A-12	0	663	663
C.O. #C15A-13	0	1,885	1,885
C.O. #C15A-14 (Added Labor)	0	64,721	64,721
C.O. #C15A-15	0	6,025	6,025
C.O. #C15A-16	0	838	838
C.O. #C15A-17	0	3,401	3,401
C.O. #C15A-18	0	1,419	1,419
C.O. #C15A-19 (Scope Adjustments)	0	<446>	<446>
C.O. #C15A-20	0	2,216	2,216
C.O. #C15A-21	0	5,299	5,299

SECTION VIII – INFORMATION – cont'd**A. CHANGE ORDERS – (Continued)****(9/13/17)**

	<u>State</u>	<u>Local</u>	<u>Total</u>
<u>Howard</u> (Continued)			
Longfellow Elementary School (continued)			
PSC: 13.056.14/15 LPC			
C.O. #C16A-4	0	2,324	2,324
C.O. # C16A-5 (Delay Compensation)	0	180,334	180,334
C.O. # C16A-6	0	2,156	2,156
C.O. # C16A-7	0	1,469	1,469
C.O. # C16A-8	0	6,986	6,986
C.O. # C16A-9	0	1,683	1,683
C.O. # C16A-10	0	628	628
C.O. # C16A-11 (New Signage)	0	24,980	24,980
C.O. # C16B-3	0	293	293
C.O. # C16B-4	0	708	708
C.O. # C16B-5 (Scope Adjustments)	0	31,150	31,150
C.O. # C16B-6	0	977	977
C.O. # C16B-7	0	6,590	6,590
C.O. # C16B-8	0	632	632
C.O. # C16B-9	0	694	694
C.O. # C16B-10	0	2,606	2,606
C.O. # C16B-11	0	1,838	1,838
C.O. # C16B-12	0	1,836	1,836

SECTION VIII – INFORMATION – cont'd**B. Property Transfers - 1 Acre or Less**

<u>LEA</u>	<u>SCHOOL</u>	<u>DISPOSAL</u>	<u>SIZE</u>	<u>EFFECTIVE DATE</u>
Baltimore City	Madison Park North (Formerly Maritime Academy)	Air Rights	.69	05/09/2017
St. Mary's County	Geo Washington Carver ES	EOW to	.133	08/09/2017 (Southern MD Electric Cooperative)
	Lexington Park ES	EOW to	.003	08/09/2017 (Southern MD Electric Cooperative)
	Ridge ES	EOW to	.018	08/09/2017 (Southern MD Electric Cooperative)

SECTION VIII – INFORMATION – cont'd

C. Change Name/Educational Function

<u>LEA</u>	<u>SCHOOL</u>	<u>NEW NAME/NEW FUNCTION</u>	<u>EFFECTIVE DATE</u>
Anne Arundel County	Carrie Weedon Science	Carrie Weedon Early Education Center Foundation Center	August 2018

Carrie Weedon Elementary opened in 1961 and closed in 1985 due to declining enrollment. From 1999 to 2017, the building was leased to the Carrie Weedon Science Foundation, which provided science-based field trips and other educational programs. Anne Arundel County Public Schools are undertaking minor systemic renovations to convert the building into the Carrie Weedon Early Education Center to serve approximately 80 pre-kindergarten students in the south county area.

Garrett County	Camp Hickory Outdoor	Hickory Environmental Ed. Ctr.	August 2017
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Garrett has submitted this official name change request to update the name of the LEA's environmental education center.

Montgomery	Bethesda-Chevy Chase Middle School #2	Silver Creek Middle School	March 2017
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Montgomery County Board of Education approved the name change on March 30, 2017 after studying four potential names.

Washington County	Funkstown ES	K/Pre-K to Regional Pre-K	September 2016
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In June 2015, the Washington County Board of Education approved attendance zone realignments that took effect in 2016-17; one realignment converted Funkstown Elementary into a regional prekindergarten facility. The school houses four-year-old emotional, Birth-5 and special education prekindergarten programs.