

**Baltimore City Public School Construction Program
Executive Committee Meeting Minutes
Open Session**

**Wednesday, June 6, 2018 2:00 p.m. – 3:00 p.m.
Baltimore City Public Schools - 200 E. North Avenue - 1st Floor Board Room
Chair: Eric Johnson
Maryland Stadium Authority**

MEETING MINUTES

ATTENDEES

Eric Johnson
Susanne Brogan
Robert Gorrell
Jaime Bridges
Cheri Vincent
Blaine Lipski
Keenen Geter

Sara Paraniham
MacKenzie Garvin
Lynette K. Williams
Gena Sedano
Larissa Parrish
Lakisha Williams
Kyle Siefering

APPROVALS

Eric Johnson of the Maryland Stadium Authority called the meeting to order at 2:14 p.m. and asked for a motion to approve the minutes from the March 7, 2018 meeting.

- Motion made and seconded; the minutes were approved.
- The agenda and handouts from the March 7, 2018 meeting are attached.

EAP Project Approval Notices – interim approvals for:

- Harford Heights Elementary School
- Cross Country Elementary/Middle School
- Calverton Elementary/Middle School

INFORMATIONAL

Open Session Agenda: September 12, 2018

REPORTING

IAC Report – Robert Gorrell, Interagency Committee

See attached item, page 3

- Discussed IAC statewide school facility assessment standards to be developed in the upcoming year.
- Discussed House Bill 1783 legislation enacted in the 2018 legislative session. A funding work group should meet in 2018 to address possible legislation in 2020. IAC would like to explore work groups to study design standards and rightsizing.
- Q&A: None

Coordinating Committee Report – Sara Paraniham, City of Baltimore

See attached item, page 26

- The Coordinating Committee met on April 18, 2018. A recap of that meeting was discussed.

STAT Committee – Eric Johnson, Maryland Stadium Authority

See attached item, page 28

- STAT Committee met May 15, 2018. Discussed highlights of that meeting as follows:
- \$509.2 million in contracts to date. \$165.5 million in total MBE commitments (32.5%). Construction change order total is \$8.9 million (2.6%). The \$65.8 million total includes \$56.9 million in phased GMP buyouts and Program contract extensions.
- Next meeting is scheduled for August 21, 2018.
- Q&A: Robert Gorrell asked how much of the change order total was due scope changes. Eric Johnson explained that most of the change orders consisted of unforeseen site and/or building renovation conditions.

Collaborative Group Report – MacKenzie Garvin, City of Baltimore

See attached item, page 39

- Discussed recruitment activity summary report update.
- Q&A: No questions.

Financial Report – David Raith, Maryland Stadium Authority

See attached item, page 40

MSA Report – Eric Johnson, Maryland Stadium Authority

See attached item, page 53

- Discussed status of active Year 1 and Year 2 projects and current/upcoming procurements.
- Lyndhurst Elementary/Middle School and Dorothy I Height Elementary School opened in April 2018. Five more schools are slated to open in summer 2018.
- Q&A: Discussion regarding procurements issued and who will do post water testing. Eric Johnson and Cheri Vincent stated post water testing will be done by BCPS.

City Schools Report – Cheri Vincent, Baltimore City Public Schools

See attached item, page 55

- Discussed remaining feasibility studies, swing space planning, academic planning, and staffing updates.
- Q&A: Discussion regarding utilization rates.

DISCUSSION

- Eric Johnson discussed the Year 2 schools opening in summer 2018 and kick-off ceremonies. The group discussed rescheduling the September 5, 2018 meeting since it fell during the week Baltimore City schools opened for the 2018/2019 academic year.

Program Management Updates

- None to report.

Additional comments/questions

- None to report.

Adjourn

- The meeting adjourned at 2:57 PM.



LARRY HOGAN
GOVERNOR

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INTERAGENCY COMMITTEE ON SCHOOL CONSTRUCTION

ROBERT A. GORRELL
EXECUTIVE DIRECTOR

KAREN SALMON, Ph.D.
CHAIRPERSON

IAC REPORT TO THE EXECUTIVE COMMITTEE

JUNE 6, 2018

GENERAL IAC / PSCP UPDATES

On May 31, the IAC adopted the *Maryland Public School Facilities Educational Sufficiency Standards* (see handout, page 9) to establish minimum levels for physical attributes, capacity and educational suitability of existing public K–12 school facilities. These minimums standards should not be confused with the practical recommendations found in the *Facilities Planning Guide*. Other updates include:

- Procurement for the initial statewide school facilities assessment is in progress.
- Workgroups will be convened to research and report back to the General Assembly on the assessment and funding of school facilities, (see handout, page 3) and on educational specifications development (see handout, page 2).

MOU §2 - EDUCATIONAL SPECIFICATIONS, FEASIBILITY STUDIES, AND DESIGN REVIEWS

1. SD submissions
 - a. none
2. DD submissions
 - a. none

MOU §4 - IAC AND BPW PROCESS

1. EAP submissions
 - a. Cross Country EM #247: IAC approved on 5/31
 - b. Patterson HS #405 / Claremont SE #307: received on 5/24. Staff review is in progress. However, IAC requests assurance that the mitigation measures included in the revised EAP would be an appropriate response to the recommendation of the KES Report that "some sort of Vapor Intrusion Mitigation System be designed and built to address the vapor intrusion concerns."
2. Close-out process

Per the MOU, IAC is required to develop "procedures to record the close-out of 10-Year Plan Projects." In order to do so, IAC has initiated discussions with the Partners to scope the process.

MOU §10 - SCHOOL CLOSURES

1. Transfers
 - a. Patapsco EM #163: approved on 5/31
 - b. Westside EM #24 approved on 5/31
 - c. Rognell Heights EM #89 approved on 5/31

IAC received transfer requests for the three (3) schools in January. While most of the review was completed upon receipt, an internal oversight left them off the IAC agenda until 5/31. IAC recognizes the complexities associated with the transfer process, and has initiated a business process review to insure the most effective and efficient transfer process. Until the review is complete, and a ball-in-court business management software solution is in place; IAC will use a SharePoint site to better manage the internal workflow of the transfer process. Development of this site is in progress.

In addition, IAC asks for the Partners to please CC Jamie Bridges, Program Manager for Baltimore City on all transfer-related correspondence.

MOU §11 – COMPREHENSIVE MAINTENANCE AND BUILDING MAINTENANCE PLANS

Staff review of the *Operating Budget for 2018-19, adopted by the Baltimore City Board of School Commissioners on May 8, 2018*, shows:

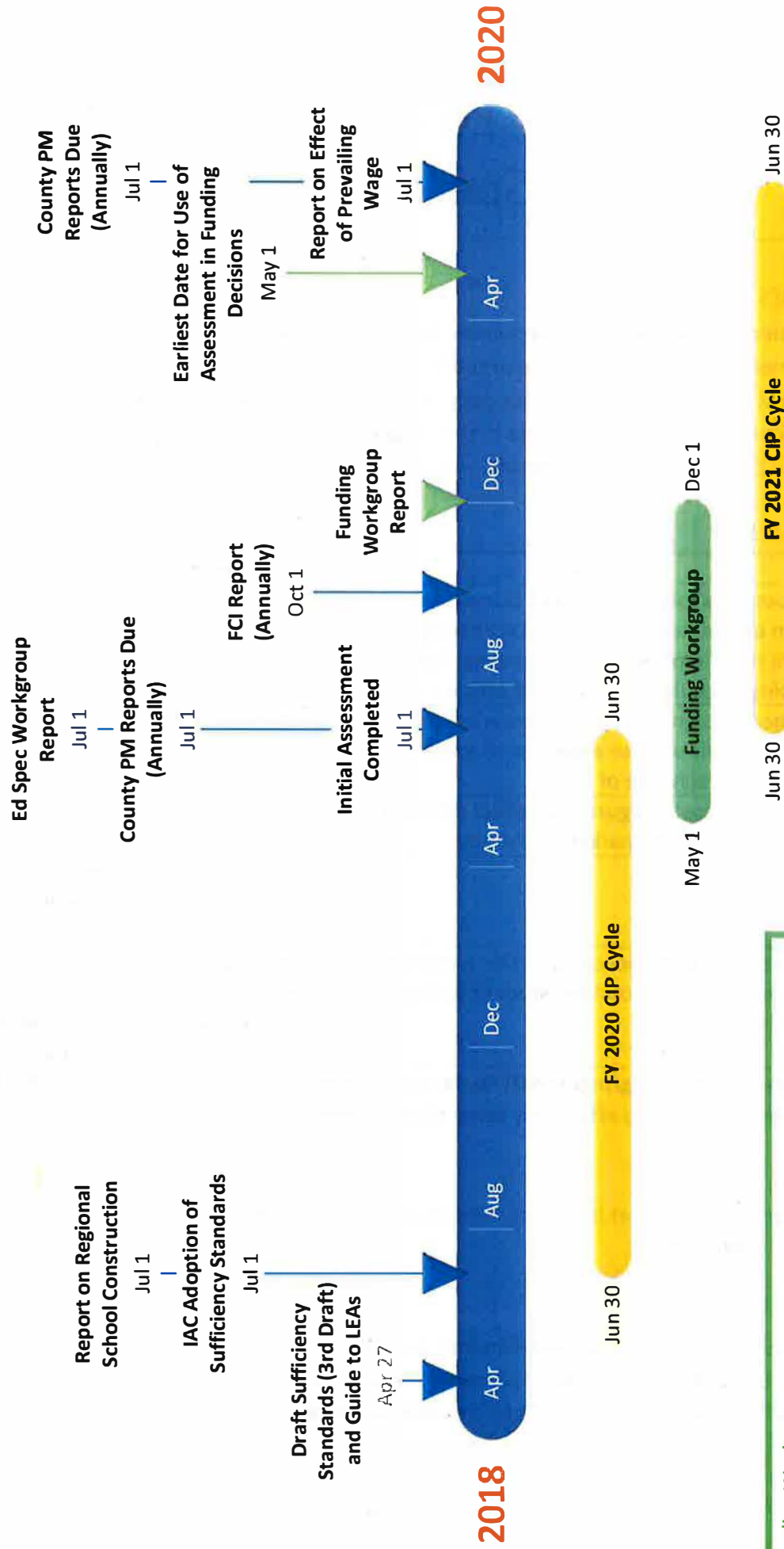
- a. Stabilization of both the overall operations budget as well as the Operations office budget
- b. Increase of \$3M in the Facility Maintenance and Operations budget
- c. Addition of 16, full-time, preventive maintenance positions

IAC looks forward to further details of the budget for FM&O in the next CMP, in OCTOBER 2018.

Submitted by Robert Gorrell

Executive Director, Public School Construction Program

HB1783 – Timeline for Implementation



Funding Workgroup

- Create Maryland School Facilities (MSFI) weighting categories
- Determine how ranking will be created
- Determine whether and how the results should be incorporated into funding decisions
- Consider funding incentives to reduce the total cost of ownership of school facilities

Workgroup on Educational Development Specifications

Members:

- 2 members of the Senate, appointed by the President of the Senate
- 2 members of the House, appointed by the Speaker of the House
- Local Education Agency Facility designers and planners selected by the IAC
- Other members with expertise in school design and construction as selected by the IAC
- The Executive Director of the IAC – *Chair*

Objectives:

Study	Make Recommendations Regarding
Square footage allocations used to calculate the maximum allowable SF, including considering overly restrictive requirements and determining if alternative methodologies could increase space efficiency	Square footage allocations, including community space and in schools with a high proportion of free and reduced-price meals
MSDE school design standards to ensure that they are not overly specific and are aligned with space allowances for each type of space	MSDE school design standards and guidelines
Use of regional cost/sf figures, to reflect different construction and labor markets in the state	Use of regional cost/sf figures
SRC Process	Updates to the SRC process, including updates necessary to address special programs and adjacent schools
Cost per student of school construction processes, including differences in cost per student by type and across jurisdictions	Options for increasing the state share of eligible school construction costs for projects with lower than average cost per student for each type of school

The purpose of the workgroup is NOT to develop a standard Ed Spec, as it is critical for each LEA to maintain the flexibility to effectively serve their students.

Report:

The workgroup shall report its findings and recommendations to the Governor and General Assembly on or before **July 1, 2019**.

Feedback:

Meetings will begin as soon as appointments are made to the workgroup. All meeting materials will be distributed to the LEAs and other stakeholders for comment throughout the entire process. Material will also be presented at Facility Planner Meetings throughout the year.

Workgroup on the Assessment and Funding of School Facilities

Members:

- State Superintendent of Schools - *Chair*
- 2 members of the Senate, appointed by the President of the Senate
- 2 members of the House, appointed by the Speaker of the House
- The State Treasurer (or designee)
- One representative of the Maryland Association of Counties (MACo)
- One representative of the Maryland Association of Boards of Education (MABE)
- One representative of the Public School Superintendents Association of Maryland (PSSAM)

Objectives:

After the initial facility assessment, the workgroup shall:

- Consider how relative facility condition within the facilities sufficiency standards should be prioritized
 - Take local priorities into account
 - Should prioritization be by category?
 - Should prioritization be by local jurisdiction or statewide?
- Determine if and how assessment results should be used in construction funding decisions
- Consider whether the State should provide funding incentives for local jurisdictions that reduce the total cost of ownership of public school facilities

Report:

The workgroup shall report its findings and recommendations to the Governor and General Assembly on or before **December 1, 2019.**



Distinguishing

Educational Sufficiency Standards

for existing facilities

Facilities Planning Guide

for new facilities & renovations

What are they?

They are qualitative and quantitative **standards** describing the **minimum** sizes, attributes, equipment, and condition of specific spaces and building systems within a school facility that are necessary to deliver the educational programs required by the State.

They are qualitative and quantitative **recommendations** describing the sizes, attributes, and equipment of spaces that—to the extent that they are practical and affordable in a given situation—would support the delivery of desired programs.

What is their purpose?

Their purpose is to help identify deficiencies in **existing** facilities that currently prevent or substantially inhibit the delivery of the educational programs required by the State.

Their purpose is to guide LEAs in planning and designing new facilities and renovations/additions such that the facilities will support the delivery of desired programs and services based on current requirements and expectations.

When and where should they be applied?

Those who assess the condition and educational sufficiency of **existing** school facilities should measure those facilities against these standards to identify deviations from sufficiency.

Those who plan new projects and develop educational specifications should consult these recommendations and guidelines before engaging an architect and beginning design.

Must LEAs use them?

No. They are for use by the State in identifying facilities deficiencies and in projecting out-year capital costs in which the State may participate. Nevertheless, they are available for use as a part of LEAs' facility assessments.

No. They are not mandatory. They are informational only, and are provided to assist LEAs in designing new facilities that the State can support to the fullest extent and are reasonable for the delivery of desired educational programs.



How they Relate To Funding

The Sufficiency Standards do not drive funding in any way. They are used only to identify deficiencies in existing facilities. The Facilities Planning Guide includes the **State Funding Participation Goals** showing the base gross square footage that the state will participate in funding at each enrollment level. Additional square footage may be agreed upon to support programmatic needs. The **State Funding Participation Goals** are aligned with the lower end of the Design Recommendations.

A. General-Use Classrooms

(English Language Arts/Literacy, Mathematics, Social Studies, and World Languages)

Sufficiency Standards

COMAR []	GENERAL-USE CLASSROOMS
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 – 8 32 net sf/student
4.	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.
Related regulations: COMAR 13A.03, General Instructional Programs and 13A.04, Specific Subjects.	

Note:

- See also “Technology Education” in this *Guide* for classroom computer information.
- Spaces created by temporary partitions may be smaller than the minimum sizes above if they are required for accommodating class loads smaller than those listed above.

Best Practices—General-Use Classrooms

1) General Classroom Environment

- a) *Size and arrangement:* Many factors, such as furniture, equipment (computers), class size and educational programs, will affect the optimum size and arrangement of a classroom. Configure electrical outlet locations in a manner that allows for locating furnishings and equipment to suit varying needs. Take into consideration the location of white boards and interactive projection surfaces in relation to glare-producing windows. It is recommended that interactive white boards be tilted from 5 to 10 degrees away from the wall at the base to prevent glare. Provide a good balance of window vs. wall space. White boards should be installed in every room that has an interactive white board and both should be specified with a low visible sheen.

- b) *Lighting:* In addition to encouraging energy savings through artificial lighting controls, the designer should emphasize the provision of diffuse natural light that can be controlled when needed into all learning spaces. The Sufficiency Standards require a level of at least 50 foot candles of well-distributed light at classroom work surfaces. Skylights, clerestories, windows, with light diffusing “eyebrows”, and other daylight-harvesting features are typical elements of a well-lighted space. These apertures should be able to be darkened for AV presentations and positioned so that the room does not over-heat. Studies have found a correlation between the levels of natural light and educational achievement. See Appendix E for reference to these studies. Dual-technology occupancy controls which are properly adjusted can help keep lights on during times of low occupancy conditions.
- c) *Temperature:* Classroom temperature should be easily maintained between 68 and 75 degrees Fahrenheit with individual controls for each classroom. Special attention should be paid to regulating air flows and drafts at the floor level in pre-Kindergarten and Kindergarten classrooms, as that is where the students spend a substantial portion of their time.
- d) *Acoustics:* The acoustical quality of learning spaces is becoming a critical matter. Designers will need to pay attention to the effect of noise-producing factors and absorbing noise that is generated within the classroom. The *Sufficiency Standards* require that a one-hour, A-weighted Noise Criteria of less than 55 decibels must be maintained (45 decibels or less is preferred). Keep reverberation times in classrooms within a range of 0.4 – 0.6 seconds. See also Appendix D of the *Guide*.
- e) *Air Quality:* Comply with ventilation standards in ASHRAE 62.
- f) *Computer Technology:* Accommodations for networked multimedia computer connections shall be provided. These computers may be dispersed throughout the entire facility, concentrated in computer labs, or provided through a combination of both methods.

2) Grade-Level Considerations

- a) Pre-Kindergarten/ Kindergarten: Instruction tends to be project and center oriented. The curriculum is generally contained in one space and must accommodate many activities. The space in the Classroom should support physical movement, long-term projects, and learning centers. Water should be readily available.
- b) Grades 1 – 5: Curriculum at the elementary level tends to be self-contained within a single classroom involving a single teacher supported by any number of specialty instructors. Consequently, large groups, small groups and independent study must all be supported within the confines of the classroom at various times. Classroom activities include physical movement, long-term projects, cooperative learning groups, learning centers and process learning. Space layout must be flexible enough to accommodate these needs.

- c) **Grades 6 – 8:** Early adolescence is a unique period of transition with specific educational requirements. Programs provide exploratory learning opportunities typically based around interdisciplinary instructional teams. The need for specialty subject-area classrooms begins to emerge at the middle school level and, therefore, the general classroom size is often reduced.
- d) **Grades 9 – 12:** The content-driven curriculum of high schools is expressed in the trend toward academic teaming, with many schools developing learning academies that focus on a number of separate disciplines within a single facility. Specialized instruction and an increased need for specialty classrooms diminish the need for large general classrooms. The goal of facility planning at the high school level should be to create a dynamic learning environment that allows both faculty and students a fair amount of flexibility in organizing their time and schedules. The layout of general classrooms should allow for easy access to specialized learning environments. Facilities should be designed with the potential future reconfiguration of learning spaces in mind.
- 3) **Standard Classroom Furnishings.** Provisions for the following items should be made in the layout of each classroom.

Grade Level	Standard Furnishings
Pre-Kindergarten/ Kindergarten	<ul style="list-style-type: none"> • Storage (some lockable) • Cubbies for storing the belongings of each student • 1 snack area w/sink, counter and overhead cabinets • Restroom facilities accessible from the classroom • Access to computer networking (1 network drop for every 3 students, or wireless capability) • Bookshelves • Intercom system • White board
Elementary	<ul style="list-style-type: none"> • Storage (some lockable) • Cubbies within the classroom or lockers in an adjacent corridor for the belongings of each student • Countertop with sink • Cabinets and file storage • Access to computer networking (1 computer station for each 3 students or wireless capability) • Projection surface • Intercom system • White boards

MARYLAND PUBLIC SCHOOL FACILITIES EDUCATIONAL SUFFICIENCY STANDARDS

I. **PURPOSE.** The purpose of Maryland Public School Facilities Educational Sufficiency Standards (*COMAR 13A.01.02.04*) is to establish acceptable minimum levels for the physical attributes, capacity, and educational suitability of existing public K–12 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 are sustainable within the operational budgets of the school systems for staffing, maintenance, and full utilization of the facilities. The Educational Sufficiency Standards are dynamic. The Interagency Committee on School Construction (IAC), and includes its successor organization, the Interagency Commission on School Construction, shall periodically review the Standards and recommend changes to the Standards as time and circumstances require.

These Standards are intended for use in the evaluation of existing public school facilities with projected five-year future student counts and are not intended to limit the flexibility of design solutions for new construction and renovation projects. A companion document is the Facilities Planning Guide, which provides guidelines and recommendations for use in the programming and design of new schools, replacement schools, and renovations of existing schools. The Facilities Planning Guide is incorporated by reference into these standards and may be amended by the IAC with adequate notice to 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 codes or any other code, regulation, law, or standard that has been adopted by State agencies. At the same time, these Standards will not restate the requirements of other codes.

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

MARYLAND PUBLIC SCHOOL FACILITIES EDUCATIONAL SUFFICIENCY STANDARDS

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 and the building's structural systems support the loads imposed on them.
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; and*
 - b) *Doors and windows are weather tight under normal conditions with routine upkeep.*
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 exposed friable asbestos; and*
 - c) *Capable of continuing in its intended use with normal maintenance and repair.*

B. Building systems. Where present, 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, two-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.*

MARYLAND PUBLIC SCHOOL FACILITIES EDUCATIONAL SUFFICIENCY STANDARDS

2. Sanitary facilities. Fixtures shall include, but are not limited to, water closets, urinals, lavatories, and drinking fountains. Restrooms shall be available for general classrooms for grades 3 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.
4. Two-way communication system. A school facility shall have a two-way internal communication system between a central location and each classroom, isolated office space, library media center, physical education space, cafeteria, and other regularly occupied spaces.

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

- A. Elementary school (PK–5 or any subset thereof)
- B. Middle school (6–8)
- C. High school (9–12)
- D. Combination school (a combination of any grade levels)
- E. Other school (includes early-childhood-education centers, 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 bus loading/unloading areas shall be separated from vehicular-traffic areas wherever possible. Dedicated student drop-off and pickup areas shall be provided for safe use by student passengers arriving or departing by automobile.

**MARYLAND PUBLIC SCHOOL FACILITIES
EDUCATIONAL SUFFICIENCY STANDARDS**

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 /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, animal nuisance, and steep slopes.

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. For schools that serve students in grade 5 and below, a protected play area 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.

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.

**MARYLAND PUBLIC SCHOOL FACILITIES
EDUCATIONAL SUFFICIENCY STANDARDS**

- C. High school. 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.

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

- A. Area of classroom spaces. Classroom spaces, including those for physical education, shall be sufficient for educational programs that are appropriate for the class-level needs.
- B. Classroom fixtures and equipment
 - 1. With the exception of physical-education spaces, 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. With the exception of physical-education spaces and music-education spaces, each general and specialty classroom shall have a work surface and seat for the teacher and for any aide assigned to the classroom. The classroom shall have secure storage for student records that is located in the classroom or is conveniently accessible to 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.

**MARYLAND PUBLIC SCHOOL FACILITIES
EDUCATIONAL SUFFICIENCY STANDARDS**

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 and 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

1. With the exception of physical-education spaces, 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 and any in-classroom toilet rooms, shall be at least:

- | | |
|--------------------|-------------------|
| 1. Prekindergarten | 50 net sf/student |
| 2. Kindergarten | 50 net sf/student |
| 3. Grades 1 – 8 | 32 net sf/student |
| 4. 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.

MARYLAND PUBLIC SCHOOL FACILITIES EDUCATIONAL SUFFICIENCY STANDARDS

VIII. SPECIALTY CLASSROOMS.

A. Special education (*COMAR 13A.05.01, 13A.05.02*) 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 for pull-out purposes other than calming 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 of least 30 net sf shall be provided.

B. 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 Maryland Science Content Standards.
3. For grades 9 through 12 only, at least 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.

MARYLAND PUBLIC SCHOOL FACILITIES EDUCATIONAL SUFFICIENCY STANDARDS

C. Fine-Arts Education. (*COMAR 13A.04.16*) A school facility shall have classroom space to deliver fine-arts education programs. Fine arts subjects include art, music, dance, and theater. 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 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.
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 fine-arts subjects.
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.

D. Technology Education and Computer Science (*COMAR 13A.04.01*)

1. For grades K through 5, no additional space is required beyond the classroom requirement.
2. For grades 6 through 8, 3 net sf/student, and 4 net sf/student for grades 9 through 12, of the specialty program capacity for technology education and family and consumer 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 Maryland Technology Education Content Standards, and in high school, the requirements of Maryland Advanced Technology Education electives where such electives are offered.
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.

**MARYLAND PUBLIC SCHOOL FACILITIES
EDUCATIONAL SUFFICIENCY STANDARDS**

- E. Career and Technology Education (*COMAR 13A.04.02 and 13A.04.10*)
1. Elementary school. No requirement.
 2. Middle school. Space shall be provided for career-development and career-exploration activities. Each program lab or classroom space shall be no 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 be no smaller than 650 net sf. Spaces for programs requiring licensing, certification, or accreditation by a state board or agency shall meet all applicable health and safety standards. 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.

IX. 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 instructional 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.

**MARYLAND PUBLIC SCHOOL FACILITIES
EDUCATIONAL SUFFICIENCY 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.

X. PHYSICAL EDUCATION. (*COMAR 13A.01.02.05, 13A.04.13, and 13A.06.04*)

A. General requirements. Each school shall provide an instructional program in physical education each year for all students in grades PK-8. Each school 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, and outdoor instructional playing field.

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 5,200 net sf plus an additional 4 net sf times 40% of the enrollment of the school devoted to bleacher seating.
3. High school. Provide a gymnasium with at least 6,500 net sf plus an additional 4 net sf times 40% of the enrollment of the school devoted to bleacher seating..
4. Combination school. 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.

MARYLAND PUBLIC SCHOOL FACILITIES EDUCATIONAL SUFFICIENCY 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.

XI. FOOD SERVICES (*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. This space may have more than one function and may fulfill more than one sufficiency standards requirement. Schools are encouraged to provide sufficient lunch periods that are long enough to give all students enough time to be served and to eat their lunches. The dining area shall be sized to accommodate no less than one third of the planned school program capacity of the school. The dining area shall have no less than 15 net sf/seated student.
- B. A serving area shall be provided in addition to a dining area.
- C. Kitchen. A kitchen shall have a telephone, plumbing providing potable water, a sink suitable for use both in preparing food and washing utensils, and a separate hand-washing sink. Kitchen and equipment shall comply with either the food preparation kitchen or the serving kitchen standards defined as follows:
1. Food preparation kitchen. Provide at least the greater of 1) a minimum of 2 net sf/meal served during the single largest serving period or 2) no fewer than 2 sf per enrolled student eligible for free or reduced-price meals.
 2. Serving kitchen. Where food is not prepared, there shall be a minimum of 200 net sf.

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 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.

**MARYLAND PUBLIC SCHOOL FACILITIES
EDUCATIONAL SUFFICIENCY STANDARDS**

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. All sinks must provide both hot and cold water. 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.

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 AND JANITORIAL SPACE. Each school shall designate 0.5 net sf per student of the planned school program capacity for maintenance and janitorial space. Janitorial space shall include a janitorial sink.

XV. STANDARDS VARIANCE.

A. The IAC may grant a variance from any of the Sufficiency 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.

**MARYLAND PUBLIC SCHOOL FACILITIES
EDUCATIONAL SUFFICIENCY STANDARDS**

B. The IAC's Facilities Planning Guide includes the appropriate Sufficiency Standard in each functional section defining design minimums, and the State maximum funding participation is included as the State Funding Participation Goals provided by the total gross square footage per student by enrollment level. Additional State funding above the Funding Participation Goals will be granted only pursuant to a project-specific variance granted by the IAC.

End of Standards

Meeting Summary
City-BCPS Coordinating Committee Meeting on School Construction
April 18, 2018

Attendees: Tom Stosur (DOP), Tony Scott (Mayor's Office), Jamie Bridges (MD, PCSP), Joe Mayzck (MSA), Stefan Waters (MOIT), Bob Wall (BCRP), Kate Brower (BCRP), Robert Pipik (HCD), Cheri Vincent (City Schools), Laurie Feinberg (DOP), Jennifer Leonard (DOP), Sara Paraniham (DOP), Mary Colleen Buettner (DOP)

1. Minutes from October 18, 2017 approved.

2. Outstanding Follow-up items from October 18

- a. Schools/BCRP to finalize MOU for Fort Worthington and Frederick.

3. Status Reports

a. Construction Schedule, Feasibility, & Design Status – BCPS/MSA

- **Year 1/Year 2**

See Process Coordination Meeting Minutes (email attachment – get Joe or Cheri notes)

- **Outstanding design issues**

- Walter P. Carter: 1) HCD to see if they can expedite transfer ownership of parcels (demoed houses), and check on right of entry; 2) Design shows where pool can go in the future; 3) UDAAP will take place after community meetings.
- John Rurah: Concerns about drop-off, pedestrian access, traffic. Dawn Sanders will get in touch with MC Buettner re: updated site plan.
- Mary E. Rodman: Concern about lack of play space. City Schools/MSA will convene meeting with BCRP (Bob Wall) and DOP (Kyle Leggs and MC Buettner) to resolve sharing of rec and school space to meet needs.

b. Status of Fiber Connection

- Cheri to send Jen language

4. Present Final MOU for Cooperative Use Spaces – City Schools/BCRP

- BCRP Director Moore is working on the final MOU. Bob will get a response.
- BCRP not in any of the schools yet.

5. Planning and Design Coordination – DOP/BCPS/BCRP

- BCRP will be in Patapsco over the summer. Patapsco is scheduled to be surplus this year.

5. Various Updates:

a. Surplus School Buildings and Disposition Process

- Early May meeting to showcase 8 schools currently in inventory (invite only)
- Convening monthly surplus schools task force meetings.

b. INSPIRE Update and Agency Follow-up

- Since last meeting, Pimlico, Forest Park + Calvin Rodwell, and Patterson plans were adopted by the Planning Commission.
- Sidewalks and tree plantings aiming for before schools open in fall.

6. Other Issues/Announcements

- New townhouses near Robert Poole – meeting scheduled with Councilman Pinkett.

7. Review Follow-up Items

- New
 - City Schools/MSA will convene meeting with BCRP (Bob Wall) and DOP (Kyle Leggs and MC Buettner) to resolve sharing of rec and school space to meet needs at Mary E. Rodman.
 - Bob Wall will get a response on the status of the BCPS/BCRP MOU.
- Carry-over
 - Schools/BCRP to finalize MOU for Fort Worthington and Frederick.

**Next Scheduled Coordinating Committee Meeting
July 18, 2018 at 9:00 a.m.**

21ST CENTURY SCHOOL BUILDINGS PROGRAM

STAT COMMITTEE MEETING
TUESDAY, MAY 15, 2018

AGENDA

- 1) STAT Reporting updates
 - a) Contracting/MBE
 - b) Local Hiring Commitments
 - c) Change Orders
- 2) Next Steps
 - a) Next Meeting August 21, 2018
- 3) Open Discussion
- 4) Adjourn

Project Number & Contract No.	Project Name	Advertisement Date	Award Date	Vendor	Original Contract Amount	MBE Contract Goal	MBE Contract Commitment	MBE Contract Participation	MBE Total Participation (spend)	MBE Total Commitment (spend)
YEAR 1 SCHOOLS										
21st CENTURY SCHOOL BUILDINGS PROGRAM										
BCS-001	Program Manager Services		5/7/14	City School Partners	\$ 6,257,816.30	29.00%	29.00%	\$ 1,814,766.73	\$ 1,814,766.73	29.00%
BCS-002	LEED/Green Building Consulting Services	4/3/2014	8/13/14	Lorax Partners	\$ 905,358.00	10.00%	11.18%	\$ 101,219.02	\$ 101,219.02	11.18%
BCS-024	Code Consultant - Year 1	3/24/2015	6/4/15	Institute for Building Technology & Safety	\$ 924,934.73	10.00%	11.00%	\$ 101,742.82	\$ 101,742.82	11.00%
BCS-049	Risk Management Consulting Services	9/22/2015	6/8/16	Bickmore Corporation	\$ 672,954.00	0.00%	0.00%	\$ -	\$ -	0.00%
BCS-057	OCIP - Insurance Brokerage and Administration Services	8/31/2016	10/31/16	Alliant Insurance Services, Inc.	\$ 11,983,398.00	20% (fee only)	20% (fee only)	\$ 130,000.00	\$ 130,000.00	20.00%
ARLINGTON										
BCS-026	A/E - Arlington	4/1/2015	8/17/15 PO	Design Collective	\$ 1,731,984.00	29.00%	29.20%	\$ 505,739.33	\$ 505,739.33	29.20%
BCS-025	CM - Preconstruction - Arlington	4/1/2015	9/9/15 PO	Dustin Construction	\$ 117,253.50	29.00%	29.43%	\$ 34,507.71	\$ 34,507.71	29.43%
025-A1	Arlington GMP Amendment		5/2/18	Dustin Construction	\$ 37,262,000.00	30.00%	31.00%	\$ 11,551,220.00	\$ 11,551,220.00	31.00%
BCS-058	Commissioning Agent - Arlington	8/23/2016	11/9/16	Kibart, Inc.	\$ 89,815.95	10.00%	14.00%	\$ 12,574.23	\$ 12,574.23	14.00%
ARUNDEL										
BCS-020	A/E - Arundel	1/23/2015	4/17/15	GWWO, Inc./Architects	\$ 1,878,800.00	29.00%	29.00%	\$ 544,852.00	\$ 544,852.00	29.00%
BCS-021	CM - Arundel	1/23/2015	4/17/15	MCN Build/Southway Builders JV	\$ 85,274.00	29.00%	29.00%	\$ 24,729.46	\$ 24,729.46	29.00%
021-A1	Arundel GMP Amendment		7/27/16	MCN Build/Southway Builders JV	\$ 36,859,523.00	30.00%	36.18%	\$ 13,335,775.42	\$ 13,335,775.42	36.18%
BCS-029	Commissioning Agent - Arundel	6/23/2015	9/3/15	RMF Engineering	\$ 110,942.00	10.00%	18.00%	\$ 19,969.56	\$ 19,969.56	18.00%
BCS-053	Arundel - T & I	5/26/2016	7/14/16	Specialized Engineering	\$ 69,906.00	10.00%	10.00%	\$ 6,990.60	\$ 6,990.60	10.00%
CHERRY HILL										
Bill of Materials - FFE - Arundel					\$ 967,769.31	10.00%	15.00%	\$ 145,165.40	\$ 145,165.40	15.00%
BCS-018	A/E - Cherry Hill EM School	1/23/2015	8/21/15 PO	JRS Architects, Inc.**	\$ 1,930,840.00	29.00%	30.24%	\$ 583,886.02	\$ 1,930,840.00	100.00%
BCS-019	CM - Cherry Hill EM School	1/23/2015	8/21/15 PO	HESS Construction + Engineering	\$ 107,661.10	29.00%	29.25%	\$ 31,490.87	\$ 31,490.87	29.25%
019-A1-A2	Cherry Hill EM School GMP Amendment Total		5/24/17	HESS Construction + Engineering	\$ 42,085,788.00	30.00%	33.55%	\$ 14,119,781.87	\$ 14,119,781.87	33.55%
BCS-030	Commissioning Agent - Cherry Hill	8/31/2015	4/15/16 PO	Advanced Building Performance (ABP)**	\$ 101,945.25	10.00%	10.00%	\$ 10,194.53	\$ 10,194.53	100.00%
BCS-050	Swing Space Reno. - Cherry Hill	5/26/2016	6/24/16	Tito Contractors, Inc. **	\$ 757,361.00	0.00%	0.00%	\$ -	\$ 757,361.00	100.00%
BCS-048	Moving & Relocation Svcs. - Cherry Hill	4/11/2016	6/8/16	District Moving Companies, Inc.	\$ 89,197.50	0.00%	0.00%	\$ -	\$ -	0.00%
BCS-060	Cherry Hill EM School- T & I	10/28/2016	2/14/17	ECS Mid-Atlantic, LLC	\$ 126,845.00	10.00%	10.00%	\$ 12,684.50	\$ 12,684.50	10.00%
FOREST PARK										
Bill of Materials - FFE - Cherry Hill					\$ 1,235,971.36	10.00%	15.00%	\$ 185,395.70	\$ 185,395.70	
BCS-022	A/E - Forest Park HS	3/2/2015	8/7/15 PO	Smolen Emr Ilkovich (SEI) Architects	\$ 2,638,274.00	29.00%	29.01%	\$ 765,363.29	\$ 765,363.29	29.01%
BCS-023	CM - Forest Park HS	1/23/2015	7/15/15	HESS Construction + Engineering	\$ 112,991.80	29.00%	29.11%	\$ 32,891.91	\$ 32,891.91	29.11%
023-A1	Forest Park HS GMP Amendment		1/11/17	HESS Construction + Engineering	\$ 56,193,983.00	30.00%	33.79%	\$ 18,987,946.86	\$ 18,987,946.86	33.79%
BCS-031	Commissioning Agent - Forest Park	8/31/2015	3/24/16	Advanced Building Performance (ABP)**	\$ 100,288.65	10.00%	10.00%	\$ 10,028.87	\$ 100,288.65	100.00%
BCS-052	Swing Space Reno. - Forest Park	5/26/2016	6/24/16	Tito Contractors, Inc.**	\$ 724,120.00	0.00%	0.00%	\$ -	\$ 724,120.00	100.00%
BCS-047	Moving & Relocation Svcs. - Forest Park	4/13/2016	6/8/16	Walters Relocations, Inc. **	\$ 114,306.15	0.00%	0.00%	\$ -	\$ 114,306.15	100.00%
BCS-061	Forest Park HS- T & I	10/28/2016	2/14/17	Hillis-Carnes Engineering Associates, Inc.	\$ 86,526.00	10.00%	10.00%	\$ 8,652.60	\$ 8,652.60	10.00%
Bill of Materials - FFE - Forest Park					\$ 1,102,150.82	10.00%	10.00%	\$ 110,215.08	\$ 110,215.08	
FREDERICK										
BCS-004	A/E - Frederick Elementary	7/1/2014	9/17/14	USA Architects Planners + Interior Designers (USA)	\$ 1,527,000.00	29.00%	31.00%	\$ 473,370.00	\$ 473,370.00	31.00%
BCS-008	CM Services - Preconstruction - Frederick	9/11/2014	1/5/15	Gilbane Building Company	\$ 118,323.00	29.00%	29.00%	\$ 34,313.67	\$ 34,313.67	29.00%
004-A1-A2	Frederick GMP Amendment Total		4/6/16	Gilbane Building Company	\$ 25,135,322.00	32.00%	31.87%	\$ 8,010,627.12	\$ 8,010,627.12	31.87%
BCS-007	Commissioning Agent - Frederick	10/14/2014	12/10/14	Reynolds Consulting Engineers	\$ 68,383.00	10.00%	10.00%	\$ 6,838.30	\$ 6,838.30	10.00%
BCS-032	Frederick - T & I	12/24/2015	2/11/16	Froehling & Robertson, Inc.	\$ 95,030.40	10.00%	12.00%	\$ 11,403.65	\$ 11,403.65	12.00%
BCS-062	Frederick - Design, Furnish, and Install AV, Network, & Telecom	1/5/2017	3/21/17	Plexus Installations, Inc. dba Plexus Group (SBR)**	\$ 1,965,356.87	15.00%	15.00%	\$ 1,965,356.87		100.00%
BCS-065	Moving & Relocation Svcs. - Frederick	3/3/2017	4/11/17	District Moving Companies, Inc.	\$ 26,411.00	0.00%	0.00%	\$ -	\$ -	0.00%
Bill of Materials - FFE - Frederick					\$ 857,558.87	10.00%	15.00%	\$ 128,633.83	\$ 128,633.83	15.00%
FT WORTHINGTON										
BCS-003	A/E - Fort Worthington Elementary	6/30/2014	9/17/14	Grimm + Parker Architects (G+P)	\$ 1,941,357.00	29.00%	52.14%	\$ 1,012,223.54	\$ 1,012,223.54	52.14%
BCS-006	CM Services - Ft. Worthington	9/11/2014	1/5/15	Gilbane Building Company	\$ 120,831.00	29.00%	29.00%	\$ 35,040.99	\$ 35,040.99	29.00%
006-A1-A2	Fort Worthington GMP Total		3/26/16	Gilbane Building Company	\$ 33,080,646.00	32.00%	31.95%	\$ 10,569,266.40	\$ 10,569,266.40	31.95%
BCS-005	Commissioning Agent - Ft. Worthington	10/14/2014	12/10/14	Reynolds Consulting Engineers	\$ 82,517.00	10.00%	10.00%	\$ 8,251.70	\$ 8,251.70	10.00%
BCS-033	Fort Worthington - T & I	12/24/2015	2/11/16	Froehling & Robertson, Inc.	\$ 96,452.40	10.00%	12.00%	\$ 11,574.29	\$ 11,574.29	12.00%
BCS-063	Ft. Worth - Design, Furnish, and Install AV, Network, & Telecom	1/5/2017	3/21/17	Plexus Installations, Inc. dba Plexus Group (SBR)**	\$ 2,197,130.26	15.00%	15.00%	\$ 2,197,130.26		100.00%
BCS-066	Moving & Relocation Svcs. - Ft. Worthington	3/3/2017	4/11/17	District Moving Companies, Inc.	\$ 37,400.00	0.00%	0.00%	\$ -	\$ -	0.00%
Bill of Materials - FFE - Ft. Worthington					\$ 986,857.92	10.00%	10.00%	\$ 98,685.79	\$ 98,685.79	10.00%

Project Number & Contract No.	Project Name	Advertisement Data	Award Date	Vendor	Original Contract Amount	MBE Contract Goal	MBE Contract Commitment	MBE Contract Participation	MBE Total Participation (spend)	MBE Total Commitment (spend)
JOHN E HOWARD										
BCS-012	A/E - John E. Howard Elementary	10/20/2014	1/30/15	Cho Benn Holback & Associates**	\$ 1,519,446.00	29.00%	62.38%	\$ 947,830.41	\$ 1,519,446.00	100.00%
BCS-011	CM - Preconstruction Services - John E. Howard Elementary	10/20/2014	2/18/15	J.Vinton Schafer & Sons, Inc. (JVS)	\$ 141,501.00	29.00%	29.00%	\$ 41,035.29	\$ 41,035.29	29.00%
	John Eager Howard GMP Amendment		7/27/16	J.Vinton Schafer & Sons, Inc. (JVS)	\$ 28,359,808.00	30.00%	33.65%	\$ 9,543,075.39	\$ 9,543,075.39	33.65%
IT/AV Amendment										
BCS-016	Commissioning Agent - John E. Howard	4/22/2015	8/12/15	RMF Engineering	\$ 1,943,509.00	10.00%	11.00%	\$ 11,560.01	\$ 11,560.01	11.00%
BCS-041	Swing Space Reno. - John Eager Howard	3/21/2016	4/22/16	J.A.K. Construction	\$ 105,091.00	0.00%	0.00%	\$ -	\$ -	0.00%
BCS-045	Moving & Relocation Svcs. (Pre-Con) - John Eager Howard	4/18/2016	5/5/16	The Kane Company/Officer Movers, Inc	\$ 67,613.10	0.00%	0.00%	\$ -	\$ -	0.00%
	John Eager Howard - T & I	5/20/2016	7/14/16	Hillis-Carnes Engineering Associates, Inc.	\$ 89,181.60	10.00%	10.00%	\$ 8,918.16	\$ 8,918.16	10.00%
BCS-067	Moving & Relocation Svcs. (Post Con) - John Eager Howard	4/3/2017	5/3/17	Hoffberger Moving Companies	\$ 45,804.55	0.00%	0.00%	\$ -	\$ -	0.00%
	Bill of Materials - FFE - John Eager Howard	6/10/2016	7/18/17	Douron, Inc.	\$ 827,967.65	10.00%	10.00%	\$ 82,796.77	\$ 82,796.77	10.00%
LYNDHURST										
BCS-009	A/E - Lyndhurst Elementary	10/20/2014	1/30/15	STV, Inc.	\$ 1,432,800.00	29.00%	33.00%	\$ 472,824.00	\$ 472,824.00	33.00%
BCS-010	CM - Lyndhurst Elementary	10/20/2014	2/18/15	Turner Construction Company	\$ 108,015.00	29.00%	29.00%	\$ 31,324.35	\$ 31,324.35	29.00%
	Lyndhurst GMP Amendment		5/16/16	Turner Construction Company/JLN	\$ 35,204,180.00	30.00%	30.00%	\$ 10,561,254.00	\$ 10,561,254.00	30.00%
IT/AV Amendment										
BCS-015	Commissioning Agent - Lyndhurst Elementary	4/22/2015	8/12/15	Setty & Associates Intl **	\$ 2,424,780.00	10.00%	18.17%	\$ 18,100.05	\$ 99,615.00	100.00%
BCS-042	Swing Space Reno. - Lyndhurst	3/10/2016	4/22/16	Tito Contractors, Inc. **	\$ 92,222.00	0.00%	0.00%	\$ -	\$ 92,222.00	100.00%
BCS-044	Moving & Relocation Svcs. (Pre Con) - Lyndhurst	4/13/2016	5/5/16	The Kane Company/Officer Movers, Inc	\$ 50,274.00	0.00%	0.00%	\$ -	\$ -	0.00%
BCS-054	Lyndhurst - T & I	5/19/2016	7/14/16	Hillis-Carnes Engineering Associates, Inc.	\$ 96,114.00	10.00%	10.00%	\$ 9,611.40	\$ 9,611.40	10.00%
BCS-068	Moving & Relocation Svcs. (Post Con) - Lyndhurst	4/4/2017	5/3/17	Hoffberger Moving Companies	\$ 54,783.85	0.00%	0.00%	\$ -	\$ -	0.00%
	Bill of Materials - FFE - Lyndhurst	6/10/2016	7/18/17	School Specialty, Inc.	\$ 1,085,640.60	10.00%	15.00%	\$ 162,846.09	\$ 162,846.09	15.00%
PATTERSON/CLAREMONT										
BCS-036	A/E - Patterson/Claremont	2/18/2016	7/27/16	Stantec Architecture	\$ 2,799,892.00	29.00%	52.00%	\$ 1,455,943.84	\$ 1,455,943.84	52.00%
BCS-037	CM - Preconstruction - Patterson/Claremont	2/23/2016	7/27/16	Skanska USA Building	\$ 125,061.83	29.00%	29.00%	\$ 36,267.93	\$ 36,267.93	29.00%
BCS-039	Commissioning Agent - Patterson/Claremont	3/1/2017	4/6/17	Advanced Building Performance (ABP)**	\$ 129,074.40	10.00%	10.00%	\$ 12,907.44	\$ 129,074.40	100.00%
PIMILICO										
BCS-028	A/E - Pimlico	4/1/2015	8/21/15	Design Collective	\$ 1,820,000.00	29.00%	29.60%	\$ 538,720.00	\$ 538,720.00	29.60%
BCS-027	CM - Pimlico	4/1/2015	9/9/15	Dustin Construction	\$ 117,253.50	29.00%	29.43%	\$ 34,507.71	\$ 34,507.71	29.43%
	Pimlico GMP Total		3/10/17	Dustin Construction	\$ 37,836,910.24	30.00%	33.39%	\$ 12,633,744.33	\$ 12,633,744.33	33.39%
BCS-034	Commissioning Agent - Pimlico	1/12/2016	3/24/16	Brinjac Engineering, Inc.	\$ 100,164.75	10.00%	10.00%	\$ 10,016.48	\$ 10,016.48	10.00%
BCS-051	Swing Space Reno. - Pimlico	5/24/2016	6/24/16	Tito Contractors, Inc. **	\$ 688,767.40	0.00%	0.00%	\$ -	\$ 688,767.40	100.00%
BCS-046	Moving & Relocation Svcs. - Pimlico	4/18/2016	6/8/16	The Kane Company/Officer Movers, Inc	\$ 108,425.10	0.00%	0.00%	\$ -	\$ -	0.00%
BCS-059	Moving & Relocation Svcs. - Pimlico	10/7/2016	11/9/16	Hillis-Carnes Engineering Associates, Inc.	\$ 180,370.60	10.00%	10.00%	\$ 18,037.06	\$ 18,037.06	10.00%
	Bill of Materials - FFE - Pimlico	6/10/2016	12/6/17	Douron, Inc.	\$ 985,729.23	10.00%	10.00%	\$ 98,572.92	\$ 98,572.92	10.00%
ROBERT POOLE										
BCS-013	A/E Robert Poole Building	12/23/2014	3/19/15	JRS Architects, Inc. **	\$ 2,466,870.00	29.00%	29.52%	\$ 728,220.02	\$ 2,466,870.00	100.00%
BCS-014	CM - Robert Poole Building	12/23/2014	3/19/15	CAM Construction Company	\$ 105,266.00	29.00%	30.00%	\$ 31,579.80	\$ 31,579.80	30.00%
	Robert Poole GMP Amendment #1		7/27/16	CAM Construction Company	\$ 38,507,745.00	30.00%	30.61%	\$ 11,787,220.74	\$ 11,787,220.74	30.61%
BCS-017	Commissioning Agent - Robert E. Poole	6/23/2015	9/3/15	RMF Engineering	\$ 97,565.00	10.00%	17.00%	\$ 16,586.05	\$ 16,586.05	17.00%
BCS-040	Swing Space Reno. - Robert Poole	3/4/2016	4/22/16	J.A.K. Construction	\$ 353,500.00	0.00%	0.00%	\$ -	\$ -	0.00%
BCS-043	Moving & Relocation Svcs. - Robert Poole	4/4/2016	5/5/16	District Moving Companies, Inc.	\$ 78,477.00	0.00%	0.00%	\$ -	\$ -	0.00%
	Robert Poole - T & I	5/27/2016	7/14/16	Specialized Engineering	\$ 127,548.00	10.00%	10.00%	\$ 12,754.80	\$ 12,754.80	10.00%
	Bill of Materials - FFE - Robert Poole	6/10/2016	2/7/18	School Specialty, Inc.	\$ 1,096,011.64	10.00%	15.00%	\$ 164,401.75	\$ 164,401.75	15.00%
TOTAL (YEAR 1)										
					\$ 437,410,765.18		30.56%	\$ 133,683,043.50	\$ 143,634,846.08	32.84%

Project Number & Contract No.	Project Name	Advertisement Date	Award Date	Vendor	Original Contract Amount	MBE Contract Goal	MBE Contract Commitment	MBE Contract Participation	MBE Total Participation (Spend)	MBE Total Commitment (Spend)
YEAR 2 SCHOOLS										
21st CENTURY SCHOOL BUILDINGS PROGRAM										
BCS-02-100	Code Consultant - Year 2	7/10/2017	11/7/17	Institute for Building Technology & Safety	\$ 1,528,504.00	10.00%	10.00%	\$	152,850.40	\$ 152,850.40
BCS-02-110-ESP	Instructional Technology & Telecommunication Design Consultant	8/30/2017	11/7/2017	Educational Systems Planning	\$ 1,500,000.00	0.00%	0.00%	\$	-	0.00%
BCS-02-110-JMT				Johnson, Mirmiran & Thompson (JMT)						
BCS-02-110-MGAC				Mark G. Anderson Consultants (MGAC)						
BCS-02-115-DMCI	Moving & Relocation Services	1/23/2018	3/7/2018	District Moving Companies, Inc. (DMCI)	\$ 1,400,000.00	0.00%	0.00%	\$	86,672.00	6.19%
BCS-02-115-HMS				Hoffberger Moving Services, LLC (HMS)						
BCS-02-115-WRI				Walters Relocations, Inc. (WRI)**						
FEASIBILITY STUDIES										
BCS-201	FS - Medfield Heights Elementary School	5/1/2015	7/15/15	Mimar McKissack**	\$ 40,477.00	29.00%	40.47%	\$	16,381.04	\$ 40,477.00
BCS-202	FS - Cross Country	5/1/2015	7/15/15	Design Collective (DCI)	\$ 47,500.00	29.00%	35.80%	\$	17,005.00	\$ 17,005.00
BCS-203	FS - John Ruhrah	5/1/2015	7/15/15	Design Collective (DCI)	\$ 45,500.00	29.00%	35.70%	\$	16,243.50	\$ 16,243.50
BCS-204	FS - Calvin M. Rodwell	5/1/2015	7/15/15	Design Collective (DCI)	\$ 46,500.00	29.00%	36.15%	\$	16,809.75	\$ 16,809.75
BCS-205	FS - Govans	7/2/2015	11/3/15	Crabtree, Rorbaugh & Associates Architects	\$ 61,291.00	29.00%	36.79%	\$	22,548.96	\$ 22,548.96
BCS-206	FS - Bay Brook	7/2/2015	11/3/15	JRS Architects**	\$ 57,000.00	29.00%	31.50%	\$	17,955.00	\$ 57,000.00
BCS-207	FS - Calverton	7/2/2015	11/3/15	JRS Architects**	\$ 57,000.00	29.00%	31.50%	\$	17,955.00	\$ 57,000.00
BCS-208	FS - Walter P. Carter	7/2/2015	11/3/15	Penza Bailey/Newman JV	\$ 53,349.46	29.00%	51.40%	\$	27,421.62	\$ 27,421.62
BCS-209	FS-Harford Heights Elementary School	1/8/2016	4/5/16	Grimm + Parker Architects	\$ 62,648.30	29.00%	39.94%	\$	25,021.73	\$ 25,021.73
BCS-210	FS - Montebello	1/8/2016	4/5/16	Thomas, Marks Architects**	\$ 58,830.53	29.00%	49.20%	\$	28,944.62	\$ 58,830.53
BCS-211	FS - Mary Rodman	1/8/2016	4/5/16	Stantec Architecture	\$ 54,793.60	29.00%	52.00%	\$	28,492.67	\$ 28,492.67
BCS-214	FS - James Mosher	2/6/2017	7/12/17	Colimore Architects, Inc.	\$ 66,555.00	29.00%	44.00%	\$	29,284.20	\$ 29,284.20
BCS-212	FS - Northwood	2/6/2017	5/3/17	RMM Architects, PC	\$ 70,881.80	29.00%	36.00%	\$	25,517.45	\$ 25,517.45
BCS-213	FS - Robert W. Coleman	2/6/2017	8/27/17	RMM Architects, PC	\$ 62,242.60	29.00%	32.00%	\$	19,917.63	\$ 19,917.63
BCS-215	FS - Highlandtown Elementary/Middle		11/7/17	GWWO, Inc./Architects	\$ 62,358.00	29.00%	34.60%	\$	21,575.87	\$ 21,575.87
BCS-216	FS - Commodore John Rodgers Elementary/Middle		11/7/17	GWWO, Inc./Architects	\$ 62,358.00	29.00%	34.60%	\$	21,575.87	\$ 21,575.87
BAY-BROOK ELEMENTARY/MIDDLE										
BCS-02-004-AE	AE -Bay-Brook E/M	6/4/2017	8/16/2017	Crabtree, Rohrbaugh & Associates	\$ 2,129,417.00	31.00%	31.10%	\$	662,248.69	\$ 662,248.69
BCS-02-004-CM	CM - Pre-Construction - Bay-Brook E/M	6/4/2017	8/16/2017	CAM Construction	\$ 90,522.00	29.00%	30.00%	\$	27,156.60	\$ 27,156.60
BCS-02-004-CX	CX -Bay-Brook E/M	11/8/2017	2/12/2017	Setty & Associates Intl.**	\$ 89,697.50	10.00%	10.00%	\$	8,969.75	\$ 89,697.50
CALVIN M. RODWELL ELEMENTARY/MIDDLE										
BCS-02-003-AE	AE - Calvin M. Rodwell E/M	5/25/2017	8/16/2017	Design Collective, Inc. + Samaha Assoc., PC JV	\$ 1,679,673.88	31.00%	31.20%	\$	524,058.25	\$ 524,058.25
BCS-02-003-CM	CM - Pre-Construction - Calvin M. Rodwell E/M	5/24/2017	8/16/2017	Skanska USA Building, Inc.	\$ 75,525.75	29.00%	29.00%	\$	21,902.47	\$ 21,902.47
BCS-02-003-CX	CX - Calvin M. Rodwell E/M	11/8/2017	2/12/2017	Setty & Associates Intl.**	\$ 89,697.50	10.00%	10.00%	\$	8,969.75	\$ 89,697.50
FAIRMOUNT HARFORD BUILDING										
BCS-02-002-DB	Design Build - Fairmount Harford Bldg.	5/23/2017	8/16/2017	MCN Build/Southway Builders JV	\$ 192,743.00	20.00%	37.00%	\$	71,314.91	\$ 71,314.91
BCS-02-002-GMP	Fairmount Harford GMP		4/26/2018	MCN Build/Southway Builders JV	\$ 49,216,622.00	32.00%	32.00%	\$	15,749,319.04	\$ 15,749,319.04
BCS-02-002-CX	CX - Fairmount Harford Bldg.	1/10/2018	3/7/2018	Brinjac Engineering	\$ 97,229.00	10.00%	23.00%	\$	22,362.67	\$ 22,362.67
BCS-02-002-TI	T&I - Fairmount Harford Bldg.	3/7/2018	5/2/2018	ECS Mid-Atlantic, LLC	\$ 74,503.20	10.00%	10.00%	\$	7,450.32	\$ 7,450.32
GOVANS ES										
BCS-02-008-AE	AE - Govans ES	12/15/2017	3/21/2018	USA Architects, Planners + Interior Designers PA	\$ 1,657,139.17	31.00%	36.30%	\$	601,541.52	\$ 601,541.52
BCS-02-008-CM	CM - Preconstruction - Govans ES	12/15/2017	3/21/2018	Keller Construction Management	\$ 152,150.00	29.00%	29.00%	\$	44,123.50	\$ 44,123.50
JOHN RUHRAH ELEMENTARY/MIDDLE										
BCS-02-001 AE	AE - John Ruhrah E/M	2/8/2017	6/7/2017	Grimm & Parker Architects	\$ 1,641,718.62	31.00%	52.14%	\$	855,992.09	\$ 855,992.09
BCS-02-001 CM	CM - Pre-Construction - John Ruhrah E/M	2/10/2017	7/5/2017	MCN Build/Southway Builders JV	\$ 56,619.20	29.00%	29.00%	\$	16,419.57	\$ 16,419.57
BCS-02-001 CX	CX - John Ruhrah E/M	11/8/2017	1/2/2018	Kibart, Inc.	\$ 96,188.40	10.00%	28.00%	\$	26,932.75	\$ 26,932.75
MARY E. RODMAN ELEMENTARY/MIDDLE										
BCS-02-012-AE	AE - Mary E. Rodman	10/11/2017	1/24/2018	Smolen Emr Ilkovitch (SEI) Architects	\$ 1,317,364.34	31.00%	31.01%	\$	408,514.68	\$ 408,514.68
BCS-02-012-CM	CM - Preconstruction - Mary E. Rodman	10/11/2017	1/24/2018	MCN Build/Southway Builders JV	\$ 49,728.00	29.00%	29.00%	\$	14,421.12	\$ 14,421.12
MEDFIELD ELEMENTARY/SCHOOL										
BCS-02-013-AE	AE - Medfield ES	12/22/2017	3/21/2018	Design Collective/Samaha JV	\$ 1,592,053.76	31.00%	39.70%	\$	632,045.34	\$ 632,045.34
BCS-02-013-CM	CM - Preconstruction - Medfield ES	12/22/2017	3/21/2018	Turner Construction Company	\$ 141,310.00	29.00%	29.40%	\$	41,545.14	\$ 41,545.14
WALTER P. CARTER/LOIS T. MURRAY ELEMENTARY/MIDDLE										
BCS-02-017-AE	AE - Walter P. Carter	10/20/2017	1/24/2018	Penza Bailey/Newman JV	\$ 2,499,998.92	31.00%	48.42%	\$	1,210,449.48	\$ 1,210,449.48
BCS-02-017-CM	CM - Preconstruction - Walter P. Carter	10/20/2017	1/24/2018	Whiting Turner Contracting Co.	\$ 258,574.31	29.00%	29.00%	\$	74,986.55	\$ 74,986.55
TOTAL (YEAR 2)										
TOTAL (YR 1 & YR 2)					\$ 71,831,469.84		30.10%	\$	21,916,423.86	\$ 21,916,423.86
					\$ 509,242,235.02		30.50%	\$	165,551,269.94	\$ 165,551,269.94

City Schools Procurement/Contract

MSA Procurement/City Schools Contracts



Larry Hogan
Governor

Michael J. Frenz
Executive Director

Members

Thomas E. Kelso
Chairman

Leonard J. Attman
Joseph C. Bryce
Gary L. Mangum
Manervia W. Riddick
James T. Smith, Jr.
Jodi C. Stanalonis

**Capital Projects
Development
Group**

Gary McGuigan
Senior Vice President

Eric Johnson
Vice President

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MEMORANDUM

TO: Kym Douglas
Assistant Vice President, Collaborative Development

FROM: Shawana Overby-Blackston
Project Coordinator

DATE: May 15, 2018

RE: Notification of Achievements – Frederick & Ft. Worthington

After completing my review of Frederick & Ft. Worthington's Workforce Development (WFD) commitments the following achievements have been determined.

Frederick Achievements as of February 1, 2018:

Achievement –

- Total Labor Hours: 132,570.02
- Total Labor Hours for Baltimore City Residents: 36,836.92
- Total Number of New Baltimore City Resident Hires: 57

Ft. Worthington Achievements as of February 9, 2018:

Achievement –

- Total Labor Hours: 194,101.7
- Total Labor Hours for Baltimore City Residents: 31,980.81
- Total Number of New Baltimore City Resident Hires: 71

Arundel		
TRADE	CONTRACTORS	LOCAL NEW HIRES
02A - Demolition/Hazmat	Engineered Demolition	3
03A - Concrete	Premier Concrete	5
04A - Masonry	Karon Masonry	5
05A - Structural Steel	Strait Steel	3
06A - Gen Trades/Rough Carp.	Engineered Demolition	4
07B - Roofing	Chu Contracting	6
08C - Glass and Glazing	Glass Industries	1
09A - Painting	JA Argetakis Contracting	1
09C - Flooring	Allstate Floors	1
23A - Plumbing and HVAC	Pro-Air	6
26A - Electrical	Freestate Electric	2
31A - Earthwork & Utilities	Cotton Construction	1
Total		38

Cherry Hill		
TRADE	CONTRACTORS	LOCAL NEW HIRES
02A- Selective Demolition	ISI	1
03A- Concrete	Canyon	2
04A-Masonry	Karon	3
05A-Metals	Stewart Amos	4
06A - Carpentry & General Trades	JP Construction	(Incl'd in 9A)
07A - Roofing	IronsShore	1
07C - Fiber Cement Panels & Siding	CHU	2
08C - Curtainwall And Storefronts	Glass Industries	1
09A - Drywall & Acoustics	JP Construction	5
22A - Mechanical & Plumbing	Heffron	4
26A - Electrical	Action Electric	2
31A - Earthwork & Utilities	Stella May	1
Total		26

Forest Park		
TRADE	CONTRACTORS	LOCAL NEW HIRES
03A-Concrete	Sody	2
04A- Masonry	KaRon Masonry	3
05A- Metals	Halac	2
09A- Drywall & Acoustics	Finishes Inc.	1
09B-Tiling	Tito	5
09G-Paintings & Coatings	Argos	3
12E- Fixed Audience Seating	Dynamic	2
22A- Mechanical & Plumbing	Denver-Elek	3
31A- Earthwork	P&J	1
Total		22

FT. WORTHINGTON		
TRADE	CONTRACTORS	LOCAL NEW HIRES
2A - Demolition/Hazmat	Ritter & Paratore Contracting	2
2B - Earthwork & Utilities	P&J Contracting Company Inc	1
2C - Sitework & Utilities	P&J Contracting Company Inc	1
2E - Landscaping	Warren H. Boyer, Inc.	1
3A - Concrete	GLB Concrete Construction	2
4A - Masonry	KaRon Masonry of Maryland	6
6A - Gen Trades/Rough Carp.	Homewood General Contract	1
9A - Drywall & Ceilings	Cindell Construction, Inc.	2
9C - Tile	Allstate Floors	1
15A - Plumbing & HVAC	W.G. Tomko, Inc.	4
16A - Electrical	Brown and Heim, Inc.	3
Total		24

FREDERICK		
TRADE	CONTRACTORS	LOCAL NEW HIRES
2A - Demolition	Barco	2
2B - Site Work/Site Utilities	JLN	2
2C - Landscaping	W.T. King, Inc.	1
3A - Concrete	Dance Brothers	3
4A - Masonry	KaRon Masonry of Maryland	4
6B - Finish Carpentry	Fallston Supply, Inc.	1
7A - Roofing	Kalkrueth Roofing & Sheet M	2
8A - Glass & Glazing	Brawner Builders, Inc.	2
9B - Drywall & Ceilings	J&G Acoustical Co.	5
15A - Plumbing & HVAC	Heffron Company	6
Total		28

Lyndhurst		
TRADE	CONTRACTORS	LOCAL NEW HIRES
1-A Demolition & Abatement	ACECO	5
4 Masonry	First Choice Masonry	20
5 Structural Steel & Misc. Metals	Kinsley Manufacturing	2
6 Millwork	Mahogany	3
13 Skylight	Alternate	1
18 Drywall	P&D Contracting	3
20 Ceramic & Stone Tile	Allstate	1
22 Flooring	Allstate Flooring	1
36 Plumbing/HVAC/Controls	Heffron Company	10
38 Telecom, Security, AV&Proj Screen	Commerical Cabling & Sound	1
Total		47

Robert Poole		
TRADE	CONTRACTORS	LOCAL NEW HIRES
21A - Fire Protection	Judd Fire Protection	1
26A - Electrical	Grounded Electrical	2
2B - Demolition & Abatement	Asbestos Specialists	2
3A - Building Concrete	GLB Concrete Const	2
4A - Masonry	Karon Masonry	4
5A - Metals	Steel Fab	2
9A - Drywall & Acoustical	Avena Contracting	5
31A - Earthwork, Paving, Utilities	Comer Construction	3
9F - Resinous Flooring	Durex Coverings	2
9G - Painting	Elite Painting	2
Total		25

Pimlico		
TRADE	CONTRACTORS	LOCAL NEW HIRES
CM Allowance	Dustin Construction	2
01A- Demolition & Abatement	Ritter & Paratore	3
02A-Earthwork	P&J	1
02B-Demolition-Phase 2	Interior Specialists	1
02C-Site Utilities	P&J Contracting	1
02D-Site Concrete	P&J	1
03A-Building Concrete	Dance Brothers	2
03B-Helical Piles	Foundations and Shoring	1
04A-Masonry	Karon	3
05A-Steel	SA Halac Iron	2
06A- General Trades	Dustin Construction	2
07A-Roofing	Cole Roofing	1
09A-Drywall	Finishes, Inc	2
09B-Tiling	L&R Floors	1
09C-Resilient Flooring	Solara Flooring	1
09F-Paintings & Coatings	SCCP	1
15A- Mechanical	Towson Mechanical	3
15B- Sprinkler	Fire-Mark Inc	1
Total		29

DOROTHY HEIGHT (FORMALLY J.E.H.)		
TRADE	CONTRACTORS	LOCAL NEW HIRES
2B- LANDSCAPING	William T. King	1
2D- Demolition and Abatement	Rubble Bee	2
4A-Masonry	KaRon Masonry	3
5A- Structural & Misc Steel	Kinsley Construction	2
8A- Curtainwall	Glass Industries	1
9A- Drywall, Framing, & Ceilings	J.A. Argetakis	1
15A - Plumbing & HVAC	Heer Brothers	5
15B- Sprinklers	Reliance	1
16A- Electrical	Grounded	2
Total		18

ARLINGTON		
TRADE	CONTRACTORS	LOCAL NEW HIRES
02A - Earthwork	P&J Contracting Company	1
02B - Demolition, Abatement & IH Service	Interior Specialist	2
02C - Site Utilities	P&J Contracting Company	1
02D - Site Concrete	Priority Concrete	1
02G - Landscaping, Seed and Sod	Williams T King, Inc	1
03A - Building Concrete	Sody Concrete	1
03B - Helical Piles	Foundation and Shoring Solutio	1
04A - Masonry	Karon Masonry	2
05A - Steel	SA Halac Ironworkers	2
06A - General Trades	Dustin Construction, Inc	1
07A - Roofing	Eastcoast Exteriors	5
09B - Tiling	Allstate Floors	1
09C - Resilient Flooring	Solara Flooring	1
09D - Wood Athletic Flooring	Mastercare Flooring	1
15A - Sprinkler	W.G. Tomko	2
16A - Electrical	BoMark Electric	3
Total		26

Total Commitment:

283

Fairmount-Harford Building		
TRADE	CONTRACTORS	NEW HIRES
02A Demolition & Abatement	Interior Specialists	4
03A Cast-in-Place Concrete	Premier Concrete, Inc	5
06A General Trades	MCN/ SBI JV	3
07B Roofing and Waterproofing	CHU Contracting, Inc	6
09C Flooring and Tile	Business Flooring	1
26A Electrical	Freestate Electrical	2
	Total	21

Total Commitment:

21

Change Orders with Contract Amount (All Active Projects)

Project	Company Name	Contract Title	Base Contract Amt	Number of Change Orders	Total Amount of Changes	Contract Including This Change Amt
21st Century Program Costs	Alliant Insurance Services, Inc.	Alliant_Insurance Brokerage and Administration Services_OCIP	\$13,918,398.00	1	\$1,935,965.00	\$15,855,328.00
	City Schools Partners	City School Partners Program Management Contract	\$6,257,816.00	2	\$15,087,273.68	\$21,345,089.68
	District Moving Companies, Inc.	Fort Worthington_District Movers_Move	\$37,400.00	1	(\$7,240.00)	\$30,160.00
	District Moving Companies, Inc.	Frederick_District Movers_Move	\$26,411.00	1	(\$4,791.00)	\$21,620.00
	Douron, Inc.	Ft. Worthington - Douron Furniture Procurement	\$986,857.92	1	(\$112,108.49)	\$874,749.43
	Institute for Building Technology and Safety	IBTS_Third Party Code Consultant	\$924,934.73	1	\$16,783.02	\$941,717.75
	Lorax Partnerships LLC	Lorax Partnership LLC	\$905,358.00	1	\$1,359,727.58	\$2,265,085.58
	Plexus	Plexus_AV/IT_Fort Worthington	\$2,197,130.26	1	(\$363,403.48)	\$1,833,726.78
	Plexus	Plexus_AV/IT_Frederick	\$1,965,356.87	1	(\$286,074.09)	\$1,679,282.78
	School Specialty, Inc.	Frederick - School Specialty Furniture Procurement	\$857,558.87	1	(\$66,116.89)	\$791,441.98
21st Century Program Costs			\$28,077,221.65	11	\$17,560,015.33	\$45,638,201.98
Arlington PK-5	Design Collective	Design Collective Inc_A/E Design Services	\$1,731,984.00	11	\$142,215.00	\$1,858,709.00
	Dustin Construction, Inc.	Dustin Construction Inc_Pre-Construction CM Services	\$117,253.50	1	(\$15,538.96)	\$101,714.54
Arlington PK-5			\$1,849,237.50	12	\$126,676.04	\$1,960,423.54
Arundel PK-2	GWWO Inc.	GWWO_A/E Services	\$1,878,800.00	6	\$73,210.00	\$1,935,262.00
	MCN Build/Southway	MCN Build/Southway_Construction	\$36,859,523.00	2	\$1,812,389.00	\$38,671,912.00
	Specialized Engineering	Specialized_T&I Services	\$69,906.00	1	\$50,000.00	\$119,906.00
Arundel PK-2			\$38,808,229.00	9	\$1,935,599.00	\$40,727,080.00
Cherry Hill 3-8	District Moving Companies, Inc.	District Moving_M&R Services	\$89,197.50	1	(\$3,837.50)	\$85,360.00
	JRS Architects, Inc.	JRS_A/E Services	\$1,930,840.00	10	\$204,122.60	\$2,134,962.60
	Tito Contractors, Inc.	Tito_Swing Space Services	\$757,361.00	1	(\$560.37)	\$756,800.63
Cherry Hill 3-8			\$2,777,398.50	12	\$199,724.73	\$2,977,123.23
Fairmount Harford HS	MCN Build/Southway	BUILDING CONSTRUCTION SERVICE	\$192,743.00	2	\$383,985.00	\$576,728.00
Fairmount Harford HS			\$192,743.00	2	\$383,985.00	\$576,728.00
Forest Park High School	Hess Construction	HESS_GMP Construction Services	\$56,193,983.00	1	\$2,504,163.98	\$58,698,146.98
	Hess Construction	Hess_Pre-Construction Services	\$112,991.80	1	\$11,214.00	\$124,205.80

Change Orders with Contract Amount (All Active Projects)

Project	Company Name	Contract Title	Base Contract Amt	Number of Change Orders	Total Amount of Changes	Contract Including This Change Amt
Forest Park High School	Hillis-Carnes Engineering Associates	Hillis-Carnes Testing & Inspection Services	\$86,526.00	1	\$9,000.00	\$95,526.00
	SEI Architects	Smolen Emr Ilkovitch Architects_A/E Services	\$2,638,274.00	8	\$153,921.81	\$2,792,195.81
	Tito Contractors, Inc.	Tito_Swing Space Services	\$724,120.00	1	(\$167,190.10)	\$556,929.90
	Walters Relocations, Inc.	Walter's Relocations_M&R Services	\$114,306.15	3	\$3,874.85	\$118,181.00
Forest Park High School			\$59,870,200.95	15	\$2,514,984.54	\$62,385,185.49
Frederick Elementary School	Froehling & Robertson, Inc.	Froehling and Robertson	\$95,030.40	1	\$4,492.60	\$99,523.00
	Gilbane Building Company	Gilbane_Construction Services	\$25,135,322.00	3	\$107,722.00	\$25,243,044.00
	Gilbane Building Company	Gilbane_Pre-Construction Services	\$118,323.00	7	\$36,560.02	\$171,419.00
	USA Architects	USA Architects_A/E Services	\$1,527,000.00	8	\$59,636.50	\$1,587,883.00
Frederick Elementary School			\$26,875,675.40	19	\$208,411.12	\$27,101,869.00
Ft Worthington Elementary School	Gilbane Building Company	Gilbane_Pre-Construction Services	\$120,831.00	4	\$82,502.00	\$206,912.00
	Grimm & Parker	Grimm + Parker_A/E Services	\$1,941,357.00	4	\$55,926.00	\$1,997,283.00
Ft Worthington Elementary School			\$2,062,188.00	8	\$138,428.00	\$2,204,195.00
John Eager Howard Elementary School	Cho Benn Holback & Associates	Cho Benn Holback_A/E Services	\$1,519,446.00	11	\$206,239.00	\$1,714,956.00
	Hillis-Carnes Engineering Associates	Hillis-Carnes_T&I Services	\$89,181.60	2	\$32,426.25	\$121,607.85
	J. Vinton Schafer	J. Vinton Schafer_CM Services GMP	\$28,359,808.00	1	\$1,943,509.00	\$30,303,317.00
	J. Vinton Schafer	J. Vinton Schafer_Pre-Construction Services	\$141,501.00	2	\$27,401.84	\$173,144.72
	J.A.K. Construction Co., Inc.	JAK Construction_Swing Space Contractor	\$138,500.00	2	\$51,118.69	\$189,618.69
	The Kane Company/Office Movers, Inc.	The Kane Company/Office Movers_M&R Services	\$67,613.00	1	(\$1,591.00)	\$66,022.00
John Eager Howard Elementary School			\$30,316,049.60	19	\$2,259,103.78	\$32,568,666.26
Lyndhurst PK-8	STV Inc.	STV Incorporated_A/E Services	\$1,432,800.00	5	\$173,665.39	\$1,606,465.39
	The Kane Company/Office Movers, Inc.	The Kane Company/Office Movers_Moving and Relocation Services	\$50,274.00	1	\$386.00	\$50,660.00
	Tito Contractors, Inc.	Tito Contractors_Swing Space Renovations for West Baltimore Building	\$92,222.00	1	\$25,334.08	\$117,556.08
	Turner Construction Company	Turner/JLN_GMP Construction Services	\$35,204,180.00	2	\$130,931.00	\$35,335,111.00

Change Orders with Contract Amount (All Active Projects)

Project	Company Name	Contract Title	Base Contract Amt	Number of Change Orders	Total Amount of Changes	Contract Including This Change Amt
Lyndhurst PK-8	Turner Construction Company	Turner_Pre-Construction Services	\$108,015.00	2	\$1,614.50	\$112,474.00
	Turner Logistics, LLC	Turner Logistics LLC_Direct Purchase Mech & Elec Equipment	\$2,221,000.00	6	\$43,255.00	\$2,264,255.00
Lyndhurst PK-8			\$39,108,491.00	17	\$375,185.97	\$39,486,521.47
Pimlico PK-8	Design Collective	Design Collective Inc_A/E Design Services	\$1,820,000.00	15	\$84,780.00	\$1,904,780.00
	Dustin Construction, Inc.	Dustin Const Inc_GMP-1	\$2,499,457.49	4	\$37,471,594.00	\$39,971,051.49
	Dustin Construction, Inc.	Dustin Construction Inc_Pre-Construction CM Services	\$117,253.50	1	(\$5,850.09)	\$111,403.41
	The Kane Company/Office Movers, Inc.	The Kane Company/Office Movers_M&R Services	\$108,425.10	1	\$4,836.90	\$113,262.00
	Tito Contractors, Inc.	Tito Construction - Garrison Swing Space Contract	\$688,767.40	1	(\$38,646.26)	\$650,121.14
Pimlico PK-8			\$5,233,903.49	22	\$37,516,714.55	\$42,750,618.04
Robert Poole Building	CAM Construction Company, Inc	CAM Construction_CM Services GMP	\$38,507,745.00	1	\$2,443,815.00	\$40,951,560.00
	CAM Construction Company, Inc	CAM Construction_Pre-Construction Services	\$105,266.00	1	(\$1,674.00)	\$103,592.00
	District Moving Companies, Inc.	District Moving Companies_M&R Services	\$78,477.00	1	\$4,900.10	\$83,377.10
	J.A.K. Construction Co., Inc.	JAK Construction_Swing Space Contractor	\$353,500.00	2	\$17,520.11	\$371,020.11
	JRS Architects, Inc.	JRS_A/E Services	\$2,466,870.00	16	\$125,495.23	\$2,592,365.23
Robert Poole Building			\$41,511,858.00	21	\$2,590,056.44	\$44,101,914.44
Year 2 Feasibility Studies	Design Collective	Lot 1_Cross Country ES/MS_Design Collective Inc_Feasibility Study	\$47,500.00	2	\$16,775.14	\$64,275.14
	JRS Architects, Inc.	Lot 2_Bay Brook_JRS Architects_Feasibility Study	\$57,000.00	1	\$2,850.00	\$59,850.00
	Marks, Thomas Architects	Lot 3_Montebello_Marks Thomas Architects_Feasibility Study	\$58,830.53	1	\$0.00	\$58,830.53
	Penza Bailey Architects	Lot 2_Walter P Carter_Penza Bailey/Newman Architects_Feasibility Study	\$53,349.46	1	\$18,100.00	\$71,449.46
Year 2 Feasibility Studies			\$216,679.99	5	\$37,725.14	\$254,405.13
Overall - Calculated			\$276,899,876.08	172	\$65,846,609.64	\$342,732,931.58

Approved Change Orders by Project by Vendors

Project	Company Name	Originating Contract Title	Title	Current State	Change Amount	Approved Date
Cherry Hill 3-8	JRS Architects, Inc.	JRS_A/E Services	JRS - Revise site plans to incorporate the Patapsco Bldg remaining	Approved	\$41,700.00	04/10/18
JRS Architects, Inc. - Total					\$41,700.00	
Forest Park High School	Hess Construction	HESS_GMP Construction Services	HESS_GMP_AVIT Secondary Package	Approved	\$2,504,163.98	03/27/18
Hess Construction - Total					\$2,504,163.98	
	Hillis-Carnes Engineering Associates	Hillis-Carnes Testing & Inspection Services	Hillis-Carnes_CO#1_Additional Field Staff/Office Staff/Test Procedures	Approved	\$9,000.00	04/11/18
Hillis-Carnes Engineering Associates - Total					\$9,000.00	
John Eager Howard Elementary School	Hillis-Carnes Engineering Associates	Hillis-Carnes_T&I Services	Hillis Carnes_T&I Services_CO #002	Approved	\$20,266.25	04/10/18
Hillis-Carnes Engineering Associates - Total					\$20,266.25	
Overall - Total					\$2,575,130.23	

MOED School Construction Report Summary

Report Period: 4/1/18 - 4/30/18

4/1/18 - 4/30/18 Recruitment Summary

# of Job Postings Received	0	N/A
# of Positions Posted	0	N/A
# of Resumes Received by Partners	2	CFUF- 0; Civic Wks- 2; JARC- 0; Jpstart-0; Liv. Class- 0; Sec. Chance- 0; City Life-0
Referrals	1	Janus Contractors- Laborer

4/1/18 - 4/30/18 New Hire Summary

School	# of New Hires	New Hire Name	Referral Source
Forest Park ES	1	D. Wattie	MOED
Total	1		

Resume Source 4/1-4/30/18 PTD

Schooljobs email	3	457
Bmore email	0	15
Walk Ins	0	94
MWE	0	20
Total	3	586

Project to Date (PTD) Recruitment Summary 1/20/16 - 4/30/18

School	# of Job Postings Received	# of Positions	New Positions Posted April 2018	# of New Hires	Average Wage of New Hires	* Pending
Arundel E.S.	9	18	0	11	\$ 20.85	0
Cherry Hill E.S.	6	8	0	2	\$ 20.34	0
Forest Park H.S.	3	5	0	4	\$ 19.60	0
Ft Worthington E.S.	9	23	0	23	\$ 23.04	0
Frederick E.S.	6	12	0	13	\$ 18.05	0
John E. Howard	9	21	0	5	\$ 26.10	0
Lyndhurst	5	13	0	1	\$ 27.89	0
Pimlico ES/MS	6	17	0	5	\$ 19.02	0
Robert Poole	9	12	0	0	\$ -	0
Total	62	130	0	64	\$ 21.90	0

* Pending- MOED has received confirmation of candidate's upcoming hire date.

** This report reflects job postings that were shared with MOED only, there could be additional positions not reported to MOED directly.

Maryland Stadium Authority
Baltimore City Public Schools Construction and Revitalization
Financial Reporting
March 31, 2018

Financial Statement
For the quarter ending March 31, 2018

Maryland Stadium Authority
Pgm 56 & 57 - Baltimore City Public Schools
Statement of Revenues and Expenses
9 Periods Ended 3/31/2018

(Unaudited)

	CURRENT QUARTER	BUDGET QUARTER	CURRENT YTD	BUDGET YTD	ANNUAL BUDGET
REVENUES:					
Total Revenues	\$13,199,918	\$10,200,000	\$44,315,397	\$40,600,000	\$60,800,000
EXPENSES:					
Subtotal-Salaries, Wages & Fringe Benefits (Object .01)	\$643,813	\$892,845	\$2,095,284	\$2,827,343	\$3,868,996
Subtotal-Technical and Special Fees (Object .02)	\$8,553	\$0	\$9,844	\$0	\$0
Subtotal-Communications (Object .03)	\$4,437	\$4,500	\$10,290	\$13,500	\$18,000
Subtotal-Travel (Object .04)	\$4,008	\$3,000	\$14,304	\$9,000	\$13,000
Subtotal-Contractual Services (Object .08)	\$49,211,871	\$58,604,974	\$160,624,206	\$173,386,171	\$229,051,144
Subtotal-Supplies and Materials (Object .09)	\$16,039	\$14,500	\$65,481	\$43,500	\$58,000
Subtotal-Equipment Additional (Object .11)	\$6,480	\$800,000	(\$593,520)	\$2,400,000	\$4,200,000
Subtotal-Fixed Charges (Object .13)	\$25,573,410	\$29,601,357	\$33,677,121	\$37,573,386	\$37,641,747
Subtotal-Land and Structures (Object .14)	\$0	\$0	\$0	\$0	\$0
Total Expenses	\$75,468,610	\$89,921,176	\$195,903,011	\$216,252,900	\$274,850,886

Cash Balance Report

As of March 31, 2018

Maryland Stadium Authority
Baltimore City Public Schools Program
Revenues and Expenditures not Paid for by Bond Proceeds
As of March 31, 2018

	Fiscal Year 2014	Fiscal Year 2015	Fiscal Year 2016	Fiscal Year 2017	Fiscal Year 2018	Totals
Beginning Cash Balance	\$0	\$16,982,264	\$29,334,852	\$48,908,210	\$68,674,937	\$0
Revenues						
Baltimore City	\$18,000,000	\$20,363,971	\$11,447,803	\$25,234,993	\$14,825,558	\$89,872,325
Investment Income/Misc	\$0	\$0	\$856,133	\$1,269,435	\$1,924,298	\$4,049,866
Lottery	\$0	\$0	\$20,000,000	\$20,000,000	\$10,000,000	\$50,000,000
Baltimore City Public Schools	\$0	\$0	\$0	\$20,000,000	\$16,666,667	\$36,666,667
Miscellaneous	\$0	\$0	\$14	\$0	\$0	\$14
Total Revenues	\$18,000,000	\$20,363,971	\$32,303,950	\$66,504,428	\$43,416,523	\$180,588,872
Available Funds	\$18,000,000	\$37,346,235	\$61,638,802	\$115,412,638	\$112,091,459	\$180,588,872
Expenditures						
Debt Service	\$0	\$0	-\$2,666,667	-\$20,764,943	-\$33,365,821	-\$56,797,431
Operating Expenses	-\$1,017,736	-\$5,511,383	-\$7,563,925	-\$23,472,758	-\$13,277,045	-\$50,842,847
Baltimore City Reserve	\$0	-\$2,500,000	-\$2,500,000	-\$2,500,000	-\$2,500,000	-\$10,000,000
Ending Cash Balance	\$16,982,264	\$29,334,852	\$48,908,210	\$68,674,937	\$62,948,593	\$62,948,593

Bond Proceeds Balance

As of March 31, 2018

**Maryland Stadium Authority
Baltimore City Public Schools Program
Bond requisition through March 31, 2018**

Description	Total Amount	Description	Total Amount
Requisition #1 - Series 2016	\$388,297.36	Requisition #71 - Series 2016	\$145,451.56
Requisition #2 - Series 2016	\$10,909.60	Requisition #72 - Series 2016	\$3,890,128.68
Requisition #3 - Series 2016	\$13,952,337.44	Requisition #73 - Series 2016	\$3,546.00
Requisition #4 - Series 2016	\$20,251.21	Requisition #74 - Series 2016	\$2,917,973.77
Requisition #5 - Series 2016	\$117,371.69	Requisition #75 - Series 2016	\$5,064,670.32
Requisition #6 - Series 2016	\$273,190.50	Requisition #76 - Series 2016	\$2,954,163.72
Requisition #7 - Series 2016	\$1,177,773.27	Requisition #77 - Series 2016	\$3,599,363.55
Requisition #8 - Series 2016	\$190,286.06	Requisition #78 - Series 2016	\$3,324,816.34
Requisition #9 - Series 2016	\$9,182.62	Requisition #79 - Series 2016	\$3,964,231.75
Requisition #10 - Series 2016	\$963,209.10	Requisition #80 - Series 2016	\$242,279.36
Requisition #11 - Series 2016	\$1,445,481.15	Requisition #81 - Series 2016	\$6,460,461.27
Requisition #12 - Series 2016	\$1,207,188.57	Requisition #82 - Series 2016	\$3,823,497.43
Requisition #13 - Series 2016	\$1,540.90	Requisition #83 - Series 2016	\$3,801,277.11
Requisition #14 - Series 2016	\$172,970.38	Requisition #84 - Series 2016	\$1,689,649.02
Requisition #15 - Series 2016	\$118,505.32	Requisition #85 - Series 2016	\$227,898.17
Requisition #16 - Series 2016	\$2,893,204.29	Requisition #86 - Series 2016	\$4,665,231.99
Requisition #17 - Series 2016	\$128,935.77	Requisition #87 - Series 2016	\$44,244.00
Requisition #18 - Series 2016	\$508,469.79	Requisition #88 - Series 2016	\$3,946,338.89
Requisition #19 - Series 2016	\$1,179,933.81	Requisition #89 - Series 2016	\$2,391,723.52
Requisition #20 - Series 2016	\$1,844,339.08	Requisition #90 - Series 2016	\$4,753,003.35
Requisition #21 - Series 2016	\$530,004.32	Requisition #91 - Series 2016	\$8,231,742.49
Requisition #22 - Series 2016	\$2,441,733.15	Requisition #92 - Series 2016	\$5,312,429.34
Requisition #23 - Series 2016	\$85,360.00	Requisition #93 - Series 2016	\$566,011.72
Requisition #24 - Series 2016	\$172,097.53	Requisition #94 - Series 2016	\$84,561.90
Requisition #25 - Series 2016	\$319,102.48	Requisition #95 - Series 2016	\$2,064,520.12
Requisition #26 - Series 2016	\$143,331.64	Requisition #96 - Series 2016	\$8,313,317.49
Requisition #27 - Series 2016	\$3,540,324.08	Requisition #97 - Series 2016	\$1,737,207.26
Requisition #28 - Series 2016	\$5,649,178.51	Requisition #98 - Series 2016	\$5,464,785.49
Requisition #29 - Series 2016	\$51,231.76		
Requisition #30 - Series 2016	\$2,831,258.14		<u>\$283,816,724.42</u>
Requisition #31 - Series 2016	\$1,451,745.75	Beginning Balance	\$385,158,803.00
Requisition #32 - Series 2016	\$4,054,564.67	Investment Proceeds	\$2,255,804.50
Requisition #33 - Series 2016	\$2,492,102.21	Requisitions	<u>\$283,816,724.42</u>
Requisition #34 - Series 2016	\$19,395.20	Ending balance as of March 2018	<u>\$103,597,883.08</u>
Requisition #35 - Series 2016	\$4,743,668.63		
Requisition #36 - Series 2016	\$76,609.71		
Requisition #37 - Series 2016	\$2,879,234.14		
Requisition #38 - Series 2016	\$8,392,899.57		
Requisition #39 - Series 2016	\$874,813.04		
Requisition #40 - Series 2016	\$1,618,255.23		
Requisition #41 - Series 2016	\$609,035.12		
Requisition #42 - Series 2016	\$9,299,462.75		
Requisition #43 - Series 2016	\$2,078,155.35		
Requisition #44 - Series 2016	\$91,326.73		
Requisition #45 - Series 2016	\$5,682,954.23		
Requisition #46 - Series 2016	\$3,202,775.20		
Requisition #47 - Series 2016	\$2,652,930.53		
Requisition #48 - Series 2016	\$3,340,714.65		
Requisition #49 - Series 2016	\$9,641,292.30		
Requisition #50 - Series 2016	\$3,991,298.79		
Requisition #51 - Series 2016	\$98,149.02		
Requisition #52 - Series 2016	\$3,852,558.80		
Requisition #53 - Series 2016	\$6,279,990.00		
Requisition #54 - Series 2016	\$1,963,895.11		
Requisition #55 - Series 2016	\$3,681,759.71		
Requisition #56 - Series 2016	\$7,940.70		
Requisition #57 - Series 2016	\$4,960,280.15		
Requisition #58 - Series 2016	\$6,922,052.49		
Requisition #59 - Series 2016	\$8,869,250.96		
Requisition #60 - Series 2016	\$91,420.68		
Requisition #61 - Series 2016	\$8,991,853.29		
Requisition #62 - Series 2016	\$4,335,186.99		
Requisition #63 - Series 2016	\$3,285,759.34		
Requisition #64 - Series 2016	\$18,825.15		
Requisition #65 - Series 2016	\$5,532.20		
Requisition #66 - Series 2016	\$10,235,992.21		
Requisition #67 - Series 2016	\$5,735,541.50		
Requisition #68 - Series 2016	\$4,585,886.06		
Requisition #69 - Series 2016	\$6,823,622.16		
Requisition #70 - Series 2016	\$3,826,468.97		

Maryland Stadium Authority
Baltimore City Public Schools Program
Bond requisition through March 31, 2018

Description	Total Amount
Requisition #1 - Series 2018 A	\$932,167.31
Requisition #2 - Series 2018 A	\$95,165.87
Requisition #3 - Series 2018 A	\$169,666.39
Requisition #4 - Series 2018 A	\$302,298.54
Requisition #5 - Series 2018 A	\$481,208.68
	<u>\$1,980,506.79</u>
Beginning Balance	\$495,693,704.72
Investment Proceeds	\$368,801.66
Requisitions	<u>\$1,980,506.79</u>
Ending balance as of March 2018	<u>\$494,081,999.59</u>

Construction Spending Update

As of March 31, 2018

Maryland Stadium Authority
Year 1 Construction Spending
As of March 31, 2018

Row Labels	Sum of Amount
Arlington	\$1,594,744.96
Design Collective, Inc.	\$1,468,990.25
Dustin Construction, Inc.	\$94,589.51
Kibart, Inc.	\$12,665.00
Mark G Anderson Consultants, Inc.	\$18,500.20
Arundel	\$35,644,176.13
BGE	\$32,413.00
GWWO, Inc.	\$1,848,236.06
MCN Build Southway Builders, LLC	\$33,600,200.89
RMF Engineering, Inc.	\$57,288.31
Specialized Engineering	\$101,618.75
Verizon-MD	\$4,419.12
Cherry Hill ES/MS	\$25,786,283.02
Advanced Building Performance Inc.	\$60,202.34
BGE	\$23,339.00
District Moving Companies, Inc.	\$85,360.00
ECS Mid-Atlantic, LLC	\$98,415.38
Hess Construction + Engineering Services, Inc.	\$22,738,107.37
Johnson, Mirmiran and Thompson, LLC	\$21,732.00
JRS Architects, Inc.	\$2,002,326.30
Tito Contractors, Inc.	\$756,800.63
Forest Park HS	\$32,927,053.83
Advanced Building Performance Inc.	\$62,449.35
BGE	\$44,244.00
Hess Construction + Engineering Services, Inc.	\$29,491,485.12
Hillis-Carnes Engineering Associates, Inc.	\$57,349.50
Smolen Emr Ilkovitch Architects	\$2,600,289.81
Tito Contractors, Inc.	\$556,929.90
Walters Relocations, Inc.	\$114,306.15
Fort Worthington ES	\$33,319,237.32
BGE	\$37,191.00
CAM Construction Company Inc.	\$269,312.18
Director Of Finance	\$6,407.00
Froehling & Robertson, Inc.	\$41,449.25
Gilbane Building Company	\$30,893,837.43
Grimm and Parker Architecture, Inc.	\$1,983,502.31
Reynolds Consulting Engineers, Inc.	\$70,700.17
Verizon	\$16,837.98
Frederick ES	\$25,580,504.91
CAM Construction Company Inc.	\$814.00
Froehling & Robertson, Inc.	\$41,682.00
Gilbane Building Company	\$23,920,102.59

Maryland Stadium Authority
Year 1 Construction Spending
As of March 31, 2018

Row Labels	Sum of Amount
Maryland Department of the Environment	\$820.43
Reynolds Consulting Engineers, Inc.	\$63,132.74
USA Architects, Planners and Interior Designers, PA	\$1,553,953.15
John E. Howard ES	\$29,562,089.35
BGE	\$11,670.00
CAM Construction Company Inc.	\$111,855.68
Cho Benn Holback & Associates Inc.	\$1,588,231.01
Hillis-Carnes Engineering Associates, Inc.	\$96,495.50
J. Vinton Schafer & Sons, Inc.	\$27,461,372.77
J.A.K. Construction Co., Inc.	\$189,618.69
Office Movers Inc.	\$66,022.00
RMF Engineering, Inc	\$29,883.00
Verizon	\$6,940.70
Lyndhurst	\$36,450,165.60
BGE	\$61,080.00
Hillis-Carnes Engineering Associates, Inc.	\$96,109.75
Office Movers Inc.	\$50,274.00
Setty & Associates International, PLLC	\$85,638.00
STV Inc.	\$1,557,705.63
Tito Contractors, Inc.	\$117,556.08
Turner JLN A Joint Venture	\$32,143,153.23
Turner Logistics LLC	\$2,219,836.79
Turners Construction Company	\$109,629.50
Verizon	\$9,182.62
Patterson	\$2,145,038.40
Skanska USA Building Inc	\$76,163.80
Stantec Architecture, Inc	\$2,068,874.60
Pimlico	\$25,997,891.18
BGE	\$22,442.00
Brinjac Engineering, Inc.	\$40,104.40
Design Collective, Inc.	\$1,801,626.00
Dustin Construction, Inc.	\$23,377,327.02
Hillis-Carnes Engineering Associates, Inc.	\$99,601.00
Office Movers Inc.	\$108,425.10
Tito Contractors, Inc.	\$539,758.78
Verizon	\$8,606.88
Robert E. Poole	\$34,803,982.71
BGE	\$4,489.00
CAM Construction Company Inc.	\$31,696,255.06
District Moving Companies, Inc.	\$75,240.00
J.A.K. Construction Co., Inc.	\$371,020.11
Johnson, Mirmiran and Thompson, LLC	\$22,338.00

Maryland Stadium Authority
Year 1 Construction Spending
As of March 31, 2018

Row Labels	Sum of Amount
JRS Architects, Inc.	\$2,476,529.37
RMF Engineering, Inc	\$28,613.00
Specialized Engineering	\$101,962.50
Verizon	\$27,535.67
Grand Total	\$283,811,167.41

Maryland Stadium Authority
Year 2 Construction Spending
As of March 31, 2018

Row Labels	Sum of Amount
Bay Brook	\$462,356.86
Crabtree, Rohrbaugh & Associates, Inc.	\$462,356.86
Calvin Rodwell	\$522,316.58
Design Collective-Samaha JV	\$522,316.58
Fairmount Harford	\$338,328.00
MCN Build Southway Builders	\$338,328.00
John Ruhrah	\$657,505.35
Grimm and Parker Architecture, Inc.	\$657,505.35
Grand Total	\$1,980,506.79

Baltimore City Schools Construction Program
MOU Executive Committee Meeting
June 6, 2018
Maryland Stadium Authority Update

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Current Status:

➤ Year 1 Schools

- Lyndhurst and Dorothy I. Height (formerly John Eager Howard) opened for students in April 2018.
- Robert Poole Building construction continues with interior finishes, gym wood floor installation, AV/IT cabling, testing and balancing, and systems commissioning. Site work includes site concrete, asphalt paving and greenhouse construction. Completion scheduled for Summer 2018.
- Arundel construction is substantially complete. Furniture delivery, setup and final cleaning completed later in June. Demolition of the existing building and final site work begins in late June, scheduled for Summer 2018 opening.
- Forest Park site work is proceeding. Interior finish work such as painting, casework, lockers, lighting, and doors ongoing. AV/IT installation is in progress. Completion scheduled for Summer 2018.
- Pimlico VCT, interior drywall finishing and painting, casework, doors hardware, display boards, display cases, lockers, masonry restoration, and MEP finishes continues. Final cleaning has started. Completion scheduled for Summer 2018.
- Cherry Hill interior finishes and AV/IT work being installed and exterior site work progressing. Completion scheduled for Summer 2018.
- Arlington GMP was approved by the Board of Public Works on May 2, 2018 and construction is scheduled to begin in late June 2018. Completion scheduled for Summer 2019.
- Patterson/Claremont amended EAP was approved by the Board of School Commissioners on May 22, 2018 and is under review by the MOU partners prior to seeking Executive Committee approval.

➤ Year 2 Schools

- John Ruhrah design continues. The 50% construction document (CD) phase submission is under review. The 100% CD submission is due on June 18, 2018. Scheduled for a Winter 2019 opening.
- Fairmount-Harford Design/Build GMP was approved by the BPW on May 2, 2018. Demolition and abatement have started. Scheduled for a Summer 2019 opening
- Baybrook construction documents (CD's) are 90% complete and trade packages have been issued for bidding. GMP is under development. Scheduled for a Winter 2019 opening.
- Calvin Rodwell construction documents are 90% complete and trade packages have been issued for bidding. GMP is under development. Scheduled for a Winter 2019 opening.
- Mary Rodman design continues. The concept design has been approved and the project is in the schematic design (SD) phase. Scheduled for a Summer 2020 opening.
- Walter P. Carter/Lois T. Murray design continues. The concept design has been approved and the project is in the schematic design (SD) phase. Scheduled for a Winter 2020 opening.
- Govans – A/E and CM selections complete and approved by the BPW on March 28, 2018 and the project is in the concept design phase. Scheduled for a Winter 2020 opening.
- Medfield - A/E and CM selections complete and approved by the BPW on March 28, 2018 and the project is in the concept design phase. Scheduled for a Winter 2020 opening.
- Harford Heights – A/E and CM selections complete an awaiting MSA Board and BPW approval. Scheduled for Summer 2021 opening.

Baltimore City Schools Construction Program
MOU Executive Committee Meeting
June 6, 2018
Maryland Stadium Authority Update

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Current Procurements:

- RFP - Harford Heights/ Sharp-Leadenhall A/E Design and CM Preconstruction
- RFP – Year 2 Swing Space Improvements (Various Locations)
- RFP – Water Testing Services
- RFQ - Geotechnical/Materials Testing & Inspection
- RFP – Calverton A/E Design and CM Preconstruction
- RFP – Mary Rodman Building Commissioning Services
- RFP – Walter P. Carter/Lois T. Murray Building Commissioning Services

Upcoming Procurements

- RFP – Cross Country A/E Design and CM Preconstruction
- RFP – James Mosher A/E Design and CM Preconstruction
- RFP – Commodore John Rodgers A/E Design and CM Preconstruction
- RFP – Highlandtown #237 A/E Design and CM Preconstruction
- RFP – Bay Brook Testing and Inspection
- RFP – Calvin Rodwell Testing and Inspection
- RFP – John Ruhrah Testing and Inspection
- RFP – Govans Building Commissioning Services
- RFP – Medfield Building Commissioning Services
- Bulk Purchase items for building systems and AV/IT

**Baltimore City Public Schools Construction
Program
MOU Executive Committee
Meeting
June 6, 2018**

City Schools Update
Cheri E. Vincent, Interim Executive Director

INTRODUCTION

- In April the 21st Century Program delivered two more schools – Dorothy I. Height Elementary School (formally John Eager Howard) and Lyndhurst Elementary/Middle School (soon to be renamed Wildwood Elementary/Middle School). In regard to open schools our focus is now on refining the turnover process and conducting post occupancy evaluations. Our next deliveries are scheduled for August 28th and September 4th to include Arundel, Cherry Hill, Pimlico, Forest Park and Robert Poole.

STAFFING UPDATES

- There are a total of six vacancies within the 21st Century School Buildings Program department. One is in the process of being filled. A Program Coordinator – Community and Public Relations candidate has been identified and an effective date is pending. The following positions have yet to be filled and are posted on Baltimore City Public Schools website:
 - Executive Director (Permanent) – 21st Century Buildings (*Vacant*)
 - Administrative Assistant I (*Vacant*)
 - Director – Strategy and Compliance (*Vacant*)
 - Junior Educational Planner (*Vacant*)
 - Manager – Engineering & Operations (*Vacant*)

DESIGN AND CONSTRUCTION

- Design development for each school building project is achieved during a series of design progress meetings typically held at a contracted architectural firm. Two design progress meetings are held at each school to provide students, teachers and the school community opportunities to observe how their new school is being planned and designed. During these in-school meetings, architects, engineers, landscape architects, project managers, construction managers and other members of the design team discuss the particulars of their work and encourage input from participants. The meetings also provide design teams opportunities to further observe school communities.
- Construction is proceeding at pace on the schools opening this fall. Currently concerns do exist around utilities, specifically BGE at Forest Park and Pimlico and Comcast at Arundel.

PLAN YEAR 1

- The scheduled 6 month Post Occupancy walkthroughs conducted by the architects for Fort Worthington and Frederick have occurred. Details will be shared at a later date.
- A 21st Century team walkthroughs for Lessons Learned are upcoming. Reviews will include design and durability of materials/equipment installed. Results will be compiled and shared.

PLAN YEAR 1 SCHOOLS PROGRESS

School	Last Quarter	This Quarter	Construction Start	Opening
Fort Worthington	Opened	Opened	January 2016	September 5, 2017
Frederick	Opened	Opened	January 2016	September 5, 2017
Lyndhurst	Under Construction	Opened	September 2016	April 4, 2018
Dorothy I. Height	Under Construction	Opened	September 2016	April 4, 2018
Arundel	Under Construction	Under Construction	September 2016	September 2018
Robert Poole	Under Construction	Under Construction	September 2016	September 2018
Pimlico	Under Construction	Under Construction	October 2016	September 2018
Cherry Hill	Under Construction	Under Construction	November 2016	September 2018
Forest Park	Under Construction	Under Construction	January 2017	September 2018
Arlington	Construction Documents	Construction Documents	June 2018	September 2019
Patterson/Claremont	Design Development	Updated EAP submitted	TBD	TBD

PLAN YEAR 2 SCHOOLS PROGRESS

School	Last Quarter	This Quarter	Opening
Fairmont Harford – REACH!	Procurement underway for Alternative Delivery method	Under Construction	September 2019
John <u>Ruhrah</u>	Finalizing AE/CM selection and beginning design	Construction Documents	January 2020
Calvin <u>Rodwell</u>	Finalizing AE/CM selection and beginning design	Construction Documents	January 2020
Calverton	Further Assessment Underway	Finalizing AE/CM selection and beginning design	January 2022
Bay-Brook	Finalizing AE/CM selection and beginning design	Construction Documents	January 2020
Walter P. Carter/Lois T. Murray	EAP Development	Schematic Design	January 2021
Harford Heights/ <u>Sharp-Leadenhall</u>	EAP Development	Finalizing AE/CM selection and beginning design	September 2020
Mary E. Rodman	EAP Development	Concept Design	September 2020
<u>Highlandtown #237</u>	Design Build Procurement Under Development by MSA	Feasibility Study	September 2020

PLAN YEAR 2 SCHOOLS PROGRESS (*continued*)

School	Last Quarter	This Quarter	Opening Date
Commodore John Rogers	Design Build Procurement Under Development by MSA	Feasibility Study	September 2020
<u>Govans</u>	EAP Development	Concept Design	January 2021
Medfield Heights	EAP Development	Concept Design	January 2021
Northwood	Feasibility Study start	Finalizing Feasibility Study	January 2022
Cross Country	Complete Feasibility Study	EAP Approved	September 2021
Montebello	Feasibility Study start	Finalizing Feasibility Study	September 2021
Robert Coleman	Feasibility Study start	Finalizing Feasibility Study	September 2021
James Mosher	Feasibility Study start	Finalizing Feasibility Study	December 2022

21ST CENTURY ACADEMIC PLANNING

Baltimore City Public Schools implements an academic planning process to support its schools with creating inspiring education environments. 21st Century Schools collaborate with the broader school community to re-imagine the educational experience in their new environments.

The academic planning process has been completed or is in process for the Year 1 schools as indicated in the last report.

Professional learning opportunities for staff in the schools that are have opened this school year or will open at the beginning of the 2018-19 school year will occur this summer as indicated in the chart below.

Topic	Description	Schools	Tentative Dates
Project Based Learning	The Project Based Learning three-day training will familiarize participants with the Gold Standard Project-Based design elements and teaching practices.	Full staff from Pimlico	August 15-17, 2018
Trainer the Trainer Technology Cohort Training	This training will engage a cohort of 20 teachers in blended learning sessions focused on computer hardware; classroom device management; instructional software platforms; learning management systems; productivity platforms; and blended learning models. This cohort will then plan and implement a 3-day technology training for the identified 21 st century schools.	20 teachers identified through an application process	August 13-17, 2018
STEM Technology Training	The STEM Technology training will engage participants in lessons using STEM technology including spheros, mini-drones, makey makey boards, and circuit scribes.	Full staff from Arundel & Cherry Hill	August 20-21, 2018
	Participants will learn how to program/code STEM technology and will determine ways to integrate STEM technology into classroom instruction across content areas.	Small team from Forest Park, ACCE, Fort Worthington, Pimlico, Dorothy I Height	August 23-24, 2018
	Students will then be able to use the STEM technology to potentially enhance their solutions for the Engineering Design challenges that occur as part of each science unit.		
Technology Training	The Technology Training will guide participants through the basic use of the interactive projector and classroom sound system. The training will provide an overview of basic computer applications and management of student devices, and usage. Participants will also be introduced to the SAMR and blended learning models as a way to differentiate instruction to create a learner centered environment.	Full staff from Dorothy I Height Pimlico Lyndhurst Forest Park ACCE	August 20-22, 2018
		Arundel Cherry Hill	August 22-24, 2018
3-D Printer Training	The 3-D printer training will engage participants in how to set-up a 3-D printer and strategies and activities to integrate 3-D printing into content instruction.	2 staff members from each of the following schools: Fort Worthington, Lyndhurst, Forest Park, Pimlico, Arundel, Cherry Hill, ACCE,	August 27, 2018

COMMUNITY AND PUBLIC RELATIONS

- The program is planning to celebrate significant milestones by kicking-off Year 2 construction a Year 2 groundbreaking ceremony and ribbon cuttings for Year 1 schools opening in the fall.
- City Schools and Baltimore City Department of Recreation and Parks are close to finalizing changes the Cooperative Use Space Agreement.
- Background Investigation Processing: City Schools' Human Capital Pre-Enrollment Office has processed almost 3500 applications for approval to work on the 21st Century projects. This includes design, construction and subcontractor teams. In addition to MSA workforce and local hiring reports, City Schools provides report monthly updates to the Collaboration Working Group lead by the Mayor's Office on Workforce Development (MOED).

TECHNOLOGY

- City Schools continues to play a key role in managing the work to procure and coordinate IT/AV connectivity, network, instructional technology implementation and electronic security installation for schools.

SCHOOL AND FACILITIES PLANNING

- District Wide Utilization Plan

As a requirement of the 21st Century School Buildings Program MOU, City Schools worked jointly with the IAC to develop intermediate and final utilization rate targets. The targets allow the District and MOU partners to track the District's progress toward achieving its utilization goal through new construction and subsequent building closures and surplusings. As the District reduces its building footprint to better reflect current enrollment, the overall utilization rate will increase.

The utilization targets without swing space presented below were established and approved by the School Board on December 17, 2013, through a resolution and approved by the IAC Board on February 25, 2013. Utilization targets with swing space were established and approved by the School Board on January 12, 2016.

The intermediate district-wide utilization rate target (without swing space) was 80% for school year 2015-2016 and City Schools exceeded this target with a utilization rate of 83% in that year. The final district wide utilization rate is 86% for school year 2019-2020, and due to significant changes in student enrollment, the district is not currently on pace to meet this target.

In addition to the projected utilization rates, the program schedule currently identifies substantial completion in 2021. Using a range of 23 to 28 schools for completion acknowledged a measure of uncertainty earlier in the program with respect to the bond market and the dollars that would be needed to complete the renovation and/or replacement of each school as identified in its feasibility study. Certain feasibility studies were delayed to allow other more critical schools that were necessary to relieve overcrowding and/or accommodate combined schools resulting from portfolio actions to rise in priority. Additionally, if the program had adhered to the original schedule, at some point, there would have been 15 schools under construction at one time in conjunction with their associated swing schools. As a result of these factors, the district will request partners revisit the utilization targets and revise the School Board resolution.

In review of Exhibit 1 – Summary of Tables, the sq. ft. per student for Year 1 schools is high with some low utilizations due to programs moved into swing spaces. All Year 1 schools, with the exception of Patterson and Arundel, have programs in swing space. When students swing to swing space buildings, the buildings tend to be in adjacent neighborhoods or different parts of the city, causing the program to lose enrollment. Therefore, the drop in the enrollment may not reflect the district trend but the impact of the school program temporarily moving out of the neighborhood. In review of Year 1 schools, the change in enrollment after school programs move to swing spaces buildings vary from a 9% increase to a 37% decrease in enrollment, with the average change of 9% decrease in enrollment. Drastic drops in enrollment due to program movements to swing buildings occurred for Forest Park High Schools and John Eager Howard Elementary at 37% and 27% decline respectively. However, once school programs return to home facilities, the enrollments have increased significantly such as Frederick Elementary Middle with a utilization of 100%.

- Computerized Maintenance Management System (CMMS)

In October 2016, Operations rolled out SchoolDude which is a fully integrated enterprise solution that utilizes automated work flows to streamline the maintenance and operations of our educational facilities. This includes the management of corrective and preventative maintenance work requests, utility consumption and cost and the ability to predict future projects, prioritize current ones and forecast and easily budget facility needs.

Provided in the table below is the CMMS implementation overview.

Application	Start Implementation	Status
MaintenanceDirect	December 2015	<p>Three stage implementation</p> <p>Stage 1: Internal Audit, Planning, System Configuration & Initial Process Design (December 2015 – August 2016; during this time we removed the Rent Essentials Pro application because it did not meet several of the Real Estate Office's major needs)</p> <p>Stage 2: Communication, System training, 2 Phase rollout (September 2016 - October 2016)</p> <p>Stage 3: Quality Control & Process Refinement (Continual)</p> <ul style="list-style-type: none"> • November 2016 began testing iPads with 10 technicians in the Repair Shop • January 2017 went to Frederick County Public Schools to meet with their SchoolDude Administrators and talk best practices • March 2017 <p>Set up kiosks and trained all repair shop technicians on how to enter their own labor hours and close out work orders</p> <p>Began pulling and interpreting data to identify gaps, potential problems, trends and inefficiencies</p> <ul style="list-style-type: none"> • April 2017 began looking at where we can start setting goals and benchmarks • July 2017 purchased iPads for all Operations staff on the ground who interface with SchoolDude daily <p>October 2017 iPad training and rollout to all technicians and SchoolDude rollout to principals</p> <p>Summer 2018, rollout to school administrators to include Instructional Leadership Executive Directors (ILEDs)</p>
InventoryDirect	December 2016 (ongoing)	<p>Currently using with Repair Shop and testing work flow and process</p> <p>In the process of establishing a Cycle Count Program and speaking with vendor about organization options</p> <p>Anticipate moving the inventory request process from paper to electronic by end of SY1718</p>
PMDirect CapitalForecast ConnetGIS	January 2017 (ongoing - Each application will be incrementally populated)	<p>Based on the Facility Conditions Assessment being performed by SchoolDude's partner EMG; these systems will be populated with existing building information by June 2020 (approx. 5 mil sqft/yr)</p> <p>Working with MSA on SchoolDude and 21st Century Building Integration</p> <p>These systems will be considered fully populated once all 21st century school buildings come online</p> <p>Anticipate visiting FCPS and other state users to discuss implementation of their PM Management Programs</p>
UtilityManager	January 2017 (In progress)	<p>SchoolDude is introducing EnergyManager which we are going to be testing out the remainder of SY1718.</p>

SWING SPACE PLANNING

Swing School	Current Address	Permanent School	Permanent Address	Move Date	Demo Date	Comments
<u>Occupancy</u>						
Arundel ES	2400 Round Road Baltimore, MD 21225	Arundel ES	2400 Round Road Baltimore, MD 21225	6/20/2018	6/25/2018	Arundel move dates are 6/20/18 - 6/22/18 followed directly by demolition of the existing building beginning on 6/25/18.
Garrison ES/Middle	3910 Barrington Road Baltimore, MD 21207	Pimlico ES/Middle	3839 Pimlico Road Baltimore, MD 21215	6/20/2018		Pimlico move dates are 6/20/18 - 6/22/18 followed directly by Arlington move which will take place from 6/25/18 - 6/29/18.
Lake Clifton HS	2801 Saint Lo Drive Baltimore, MD 21213	ACCE HS	1300 W 36th Street Baltimore, MD 21211	7/31/2018		ACCE move dates are 7/31/18 - 8/03/18
Lemmel HS	2801 N Dukeland Street Baltimore, MD 21216	Independence HS	1300 W 36th Street Baltimore, MD 21211	7/30/2018		Independence move dates are 7/30/18 - 7/31/18. Space being utilized starting on 8/6/18.
Northwestern HS	6900 Park Heights Ave Baltimore, MD 21215	Forest Park HS	3701 Eldorado Ave Baltimore, MD 21207	8/13/2018		Forest Park move dates are 8/13/18 - 8/17/18.
Patapsco ES	844 Roundview Road Baltimore, MD 21225	Cherry Hill ES	801 Bridgeview Road Baltimore, MD 21225	8/13/2018		Building being handed back over to the City. Cherry Hill move dates are 8/13/18 - 8/17/18.

<u>Swing Space</u>						
	Current Address	Swing School	Swing Address			
Grove Park	5545 Kennison Ave Baltimore, MD		5545 Kennison Ave Baltimore, MD	6/25/2018		Grove Park Program Closing, Amanda Ellison is the lead for closing schools. School needs to be ready by 7/2/18 for Calvin Rodwell relocation.
Arlington ES/Middle	3705 W Rogers Ave Baltimore, MD	Garrison ES/Middle	3910 Barrington Road Baltimore, MD 21207	6/25/2018	7/2/2018	Arlington move dates to Garrison Building are 6/25/18 - 6/29/18 followed directly by

						demolition/renovati on of the existing building beginning on 7/02/18.
Carter G. Woodson	2501 Seabury Road Baltimore, MD	Arundel/Cher ry Hill		6/25/2018		Carter G. Woodson program closing, PK- 2 will go to Arundel and 3 to 8 will go to Cherry Hill. School needs to be ready by 6/27/18 for Bay Brook relocation.
Bay Brook ES/Middle	4301 10th Street Baltimore, MD	Carter G. Woodson	2501 Seabury Road Baltimore, MD	7/2/2018	7/9/2018	Bay Brook move dates are 7/2/18 - 7/6/18 followed directly by demolition/renovati on of the existing building beginning on 7/09/18.
John Ruhrah ES/Middle	701 Rappolla Street Baltimore, MD Baltimore, MD	Baltimore Community/ Southeast Bldg	6820 Fait Ave Baltimore, MD	7/2/2018	7/9/2018	John Ruhrah move dates are 7/2/18 - 7/6/18 followed directly by demolition/renovati on of the existing building beginning on 7/09/18.
Calvin Rodwell ES	3501 Hillsdale Road Baltimore, MD	Grove Park	5545 Kennison Ave Baltimore, MD	7/9/2018	7/16/2018	Calvin Rodwell will occupy the building once Grove Park has gone through the closing process. Their move dates are 7/9/18 - 7/13/18 followed directly by demolition/renovati on of the existing building beginning on 7/16/18.
Mary E Rodman	3510 W Mulberry St Baltimore, MD	West Baltimore Bldg.	201 North Bend Baltimore, MD	7/16/2018	9/1/2018	Will occupy the side that Lyndhurst occupied in 2018. Their move dates are 7/16/18 - 7/20/18. Demolition/renovati on of existing building starts on 9/1/18.
Rognel Heights ES/Middle	4300 Sidehill Road Baltimore, MD	Lyndhurst	621 Wildwood Pkwy Baltimore, MD	6/20/2018		Building being handed back over to the City.

MOU Executive Committee Meeting Sign-In Sheet

June 6, 2018 – 200 North Avenue, Baltimore MD, 1st Floor Board Room

Name	Title	Company	Phone	Email
1. <i>Eric Johnson</i>	<i>VP</i>	<i>MSA</i>	<i>(410) 223-4150</i>	<i>johnsoneric@msa.com</i>
2. <i>LYNETTE WASHBURN</i>	<i>ED</i>	<i>City School</i>	<i>410-358-8841</i>	<i>lwashington@dcps.k12.md.us</i>
3. <i>JAMES SPIDERS</i>	<i>PM</i>	<i>PSCP</i>	<i>410 767 2111</i>	<i>James.Spiders@Maryland.gov</i>
4. <i>Bob Gorrell</i>	<i>ED</i>	<i>PSCP</i>		<i>Bob.Gorrell@Maryland.gov</i>
5. <i>Suzanne Brogan</i>		<i>STO</i>		
6. <i>Lyle Seberry</i>		<i>DLS</i>		
7. <i>Keenen Gater</i>		<i>Mayor's Office</i>		
8. <i>Mack GARMAN</i>		<i>MOER</i>		<i>MGARVIN@OEDWORKS.COM</i>

MOU Executive Committee Meeting Sign-In Sheet

June 6, 2018 – 200 North Avenue, Baltimore MD 1st Floor Board Room

Name	Title	Company	Phone	Email
9. <i>Chris Vincent</i>	<i>Senior Exec. Dir.</i>	<i>21st C</i>	<i>443-745-4273</i>	<i>crvincent@bcps.k12.md.us</i>
10. <i>Sara Paramilam</i>	<i>Division Chief</i>	<i>Planning Dept</i>	<i>410-396-5935</i>	<i>sara.paramilam@baltimorecity.gov</i>
11. <i>Lekisha Williams</i>	<i>21st Century Associate</i>	<i>21st Century</i>	<i>443-742-5504</i>	<i>lmwilliams@bcps.k12.md.us</i>
12. <i>Blaine Lipski</i>	<i>Dir/FH+ BCPS</i>	<i>Ops</i>	<i>443-271-5348</i>	<i>Blipski@bcps.k12.md.us</i>
13.				
14.				
15.				
16.				

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MOU Executive Committee Meeting Sign-In Sheet
June 6, 2018 – 200 North Avenue, Baltimore MD 1st Floor Board Room

Name	Title	Company	Phone	Email
17.				
18.				
19.				
20.				
21.				
22.				
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