



***House Education & Economic Development
Subcommittee***

February 3, 2016

***Senate Education, Business and Administration
Subcommittee***

February 8, 2016

Maryland Stadium Authority



Mission:

- To plan, finance, build and manage sports and entertainment facilities in Maryland.
- Provide enjoyment, enrichment, education, and business opportunities for citizens.
- Develop partnerships with local governments, universities, private enterprise and the community.

Maryland Stadium Authority



Priorities:

- Safety and security
- Fiduciary responsibility
 - Financial management
 - Property management
- Diversity of stadium events
- On-time and on-budget construction management



Legislative Services/Analysis Questions & Response

DLS recommends that MSA briefly update the budget committees on the progress of Baltimore City School Revitalization program; specifically, on the status of the financing and the impact on MSA operations.

The Maryland Stadium Authority (MSA) has provided a comprehensive briefing on the status of the Baltimore City Schools Program in a later section of this testimony. Despite some challenges, the program remains on track to deliver 23-28 schools by the year 2020.

The first series of bonds, in the amount of \$320 million, received the Board of Public Work's approval in December 2015. The MSA is awaiting Baltimore City's release of the Comprehensive Annual Financial Report (CAFR) before we can issue the bonds. Baltimore City states that the report is expected within four weeks.

As of February 1, 2016, interest rates were virtually unchanged from the original sale date of January 15, 2016; so there has been no impact on the projected annual debt service.

DLS recommends that MSA brief the budget committees on its role in Project C.O.R.E and how it expects to manage the project given its current resources.

The Maryland Stadium Authority (MSA) received a request from the Department of Housing and Community Development (DHCD) to manage the C.O.R.E program to reduce blighted areas in Baltimore City. The request was approved by the MSA Board in early January and notifications were sent to the Budget Committees. A three party MOU between MSA, DHCD, and the Baltimore City Department of Housing and Community Development is currently being finalized.

MSA's role will be to oversee the procurement and contract administration of the program. After the properties have been identified by the City and DHCD for demolition or stabilization, MSA will contract for the required professional and contracting services. MSA is well positioned for this program through the knowledge gained from the Baltimore City Schools Program. MSA will use its project management system to track all the risk areas of administration including procurement, contracts, and payments. MSA has also gained expertise in workforce development from the schools program which will be beneficial for the C.O.R.E initiative.

MSA intends to add one staff person for administration and to utilize our current procurement and workforce development personnel. MSA will also hire additional consultants, as necessary, to assist with contract administration. All staff involved in the program will track their time and expenses for reimbursement.

Camera Upgrade Project – Camden Yards Sports Complex (CYSC)

Increased camera coverage throughout CYSC by adding 139 high-definition video cameras. Several cameras were installed in locations that allowed them to be dual-purposed; covering seating bowls, concourses and concession areas during events, and repositioned during non-event periods to monitor the facility perimeters, sidewalks, plazas, and parking lots.(Project completed Q4 FY15)

Concrete Bollard Project – CYSC

Continued to enhance physical security at CYSC by hardening the 100-ft protective perimeter; installed an additional 25 concrete bollards at OPACY.



Security Data Centers

Two independent data centers were built to safe guard security-related critical systems and support future security technologies.

Tabletop Exercises

A multi-agency tabletop exercise was conducted on April 2, 2015 with federal, state and local law enforcement agencies and private sector partners involved in security operations at the stadium for events. Three pertinent threat scenarios were used to test and validate emergency response plans, evacuation procedures and crisis communications, as well as information and intelligence sharing, and communications between public safety agencies and stadium partners.



Maintaining Real Estate Assets

Camden Station

- Sports Legends Museum vacated during November 2015 (Q2 of FY16)
- Geppi Entertainment Museum (GEM) occupies 16,055 square feet of space on 2nd and 3rd floors with lease ending September 2016 (Q1 of FY17)
- Currently negotiating with tenant for 22,551 square feet on 1st floor and basement with right of first refusal for 2nd and 3rd floors if GEM vacates
- Great Moments at Camden Yards sports apparel and memorabilia shop occupies retail space on 1st floor. Lease with lease ending September 2016 (Q1 of FY17)

B&O Warehouse at Camden Yards

- 81.60% occupancy at between \$17 to \$26 per square foot
- Annual rental income is approximately \$3.5 million
- Annual telecommunications hosting yields approximately \$540,000

Camden Yards Sports Complex

Escalator & Canopy Project at OPACY

- New escalators & canopy installed at OPACY, completed April 2015
- Project cost- \$3,405,000

AwareManager

- Implemented computerized maintenance management tool that allows for real-time tracking of maintenance tasks and related expenditures

Progress toward sustainable/LEED Complex

- Awarded LEED and Sustainability Consulting Services contract to Paladino & Company Inc. to aid in OPACY, B&O Warehouse & Camden Station obtaining LEED Existing Building: Operations & Maintenance (EBOM) certification (same certification of M&T Bank Stadium)



Structural Deck Restoration Project

- Structural decking restoration was approved and construction will commence in FY16

Warehouse Fire Alarm Replacement

- Fire alarm system throughout Warehouse replaced to comply with current IBC, NFPA and ADA standards

M&T Bank Stadium

- M&T will be converted to natural grass surface during Q3 of FY16
- Repaved parking lots D, E, M&T ENG

General Administrative Funding



Use of Lottery and General Funds

The Authority receives Lottery and General Funds for the State of Maryland to be used in accordance with Economic Development Article, Sections 10-601 to 10-658. Below shows the funds received for fiscal year 2015 and how the funds were used.

	Camden Yards	Baltimore City Convention Center	Ocean City Convention Center	Montgomery County Conference Center	Hippodrome Performing Arts Center
Source					
Lottery	\$20,000,000	\$-	\$-	\$-	\$-
General Funds	-	9,016,587	2,780,353	1,556,000	1,393,060
Total	20,000,000	9,016,587	2,780,353	1,556,000	1,393,060
Use					
Capital Lease Receivable	14,627,875	4,765,000	1,365,000	955,000	1,360,000
Interest	5,372,125	279,944	46,856	601,000	33,060
Operating Deficits	-	3,771,643	1,318,497	-	-
Capital Improvements Fund	-	200,000	50,000	-	-
Total	20,000,000	9,016,587	2,780,353	1,556,000	1,393,060
Net	\$-	\$-	\$-	\$-	\$-

Camden Yards Non-Budget Revenues and Expenses

Camden Yards Non-Budgeted Funds	
Non-Budgeted Revenues	
Baltimore Orioles' rent	\$8,571,166
Baltimore Ravens contribution	\$8,962,651
Admissions taxes	\$14,007,857
Warehouse and Camden Station Rents	\$4,421,202
Catering commissions	\$523,634
Baltimore City contribution	\$1,000,000
Miscellaneous sales	\$2,517,358
Total Non-Budgeted revenues	\$40,004,368
Non-Budgeted Expenses	
Salaries and Wages	\$5,146,098
Utilities	\$5,220,968
Janitorial Services	\$4,580,477
Security Services	\$2,913,551
Capital Projects	\$8,268,000
Maintenance and Repairs	\$3,654,437
Supplies and Materials	\$602,167
Other Expenses	\$518,580
Administrative Expenses	\$4,184,279
Debt Service	\$4,023,536
Capital Improvements Funds	\$400,000
Rent to State	\$1,000,000
Total Non-Budgeted Expenses	\$40,512,093
Net	(\$507,725)

Baltimore Orioles Lease

- 30 years ending in 2021
- Stadium financed with 30 year tax exempt debt (under 1986 IRS rules for tax exempt financings)
- Orioles pay rent based on revenue streams
- MSA received 80% of the 10% admission taxes
- MSA contributes \$200,000 to improvements fund annually
- MSA responsible for the cost of all repairs and maintenance

Baltimore Ravens Lease

- 30 years ending in 2026
- Stadium financed with 30 year tax exempt debt (under new IRS rules for tax exempt financings governed by private payments)
- Ravens reimburse MSA 100% of the costs of operating and maintaining the stadium
- MSA received 80% of the 10% admission taxes
- MSA contributes \$200,000 to improvements fund annually
- MSA responsible for all repairs and maintenance



General Administrative Funding

Rent Payment to the State

MSA is a revenue authority, generating sufficient funds from leases, property rentals, project management fees and admission tax to cover operations. When there has been a sufficient surplus, MSA has returned a rent payment to the Maryland general fund.

State Rent Payments since 2004:

Fiscal Year	Amount
2016	\$1,000,000
2015	3,000,000
2013	535,000
2012	1,750,000
2009	2,000,000
2007	1,400,000
2005	540,000
2004	3,000,000
TOTAL	\$13,225,000

General Administrative Funding

Fiscal Year	Funded Amount (\$'000)	Management Fees
2012	\$4,005	\$256,111
2013	3,236	100,608
2014	3,082	262,505
2015	3,347	178,372
2016	3,464	100,000
2017	3,516	50,000

* 2012-2015 actual, 2016 appropriated, 2017 budgeted

General Administrative Funding



Debt Service by Year

Debt service requirements subsequent to June 30, 2015, were as follows

For the Years Ending June 30,	Principal Maturities	Interest	Total
2016	\$ 22,230,127	\$ 7,337,191	\$ 29,567,318
2017	21,764,115	6,438,708	28,202,823
2018	22,627,403	5,496,324	28,123,727
2019	23,166,158	4,500,359	27,666,517
2020	24,106,554	3,461,231	27,567,785
2021-2025	49,147,509	8,594,627	57,742,136
2026	6,080,000	352,378	6,432,378
Total	\$ 169,121,866	\$ 36,180,818	\$ 205,302,684

Deferred Maintenance Plan via Bond Issuance

Building	Project Description	Cost
Oriole Park	Control Upgrades	\$ 2,500,000
	Sports Lighting Replacement	2,500,000
	Steel Painting	2,500,000*
Warehouse	HVAC Upgrades	\$ 6,000,000
	Elevator Modernization	2,500,000
	Common Area Improvements	4,000,000
CYSC	Pedestrian Spine Redevelopment	\$ 5,000,000
Total		\$ 25,000,000

*Orioles will match cost

Operating Leases- Lease Rental Income

The Authority has leased certain office space in the Camden Yards Warehouse to various tenants with terms ranging from 3 years to 20 years. The future minimum lease rentals to be received on non cancelable operating leases as of June 30, 2015, were as follows:

For the Years Ending June 30,	
2016	\$ 3,405,380
2017	1,699,438
2018	1,559,585
2019	1,454,340
2020	1,567,649
2021-2025	4,936,749
2026	351,738
Total	\$ 14,974,879

Lease rental income for the year ended June 30, 2015, was \$4,446,658.



Events & MD Sports

Maryland Sports

First Quarter

USSSA World Series (Weeks 1-3)
 13,107 total room nights
 \$8.93 million in direct spending

International Crown
 25,000 attendees
 \$6.97 million in direct spending

Deep Creek 2014: ICF Canoe Slalom World Championships
 \$4.46 million in direct spending
 46 countries represented

Ironman Maryland
 \$2.82 million in direct spending

42+ events in 15 counties

39 tweets, 76 retweets, 57 favorited tweets



*US Youth Soccer National Championship
 Montgomery County*

*96 of the top teams in the country
 8,000 room nights
 \$4-5 million economic impact*

Governor's Challenge
 Wicomico County

*52 teams / 7 states participated
 750K Twitter Impressions*

Second Quarter

Army vs. Navy Football
 \$7.5 million in direct impact
 \$1.14 million in state tax revenue

120 jobs supported
 44% of attendees out of state

10 K Across the Bay
 20,000 participants
 50 states represented
 18+ countries represented

82+ events in 17 counties

54 tweets, 59 retweets, 60 favorited tweets

Third Quarter

2015 CAA Women's Basketball Tournament
 \$753,400 in direct spending

2015 US Lacrosse Convention
 \$2.2 million in direct business sales
 7,600 attendees

40+ events in 12 counties

17 tweets, 23 retweets, 23 favorited tweets



*Mite Beach Bash (Ice Hockey)
 Ocean City*

20+ teams / 6 states represented



Maryland Sports (continued)

<i>Fourth Quarter</i>		
<i>2015 SAC Invitational Memorial Day Tournament</i>		
\$7.2 million in direct spending		60+ events in
16,000 total room nights		19 counties
<i>USA BMX East Coast Nationals</i>		
\$1.14 million in direct spending		21 tweets,
		17 retweets,
		20 favorited tweets
<i>Walmart FLW Tour at the Potomac River presented by Ranger Boats</i>		
\$522,400 in direct spending		
1,164 total room nights		



*CAA Men's Basketball
Tournament
Baltimore City
-
10 teams | 18,754 in attendance*

Sampling of FY16 Events

- USSSA Eastern World Series
- CAA Men's & Women's Basketball Championships
- Columbia Triathlon
- 2015 Huk Performance Fishing Bassmaster Elite Series at the Chesapeake Bay
- 2015 CONCACAF Gold Cup Quarterfinal matches
- NSCAA Convention
- US Lacrosse Convention
- Ironman Maryland
- Iron Girl Columbia
- 10k Across the Bay
- SAC Invitational Memorial Day Tournament
- Governor's Challenge



Events & MD Sports

MSA Event Contributions

Event	Date	Contribution	PRO FORMA			ACTUAL		
			Admissions Tax	Share of NET	Event	Admissions Tax	Share of NET	Event
CONCACAF Gold Cup 2013	7/21/13	(\$62,188)	\$207,866	\$299,816	\$445,494	\$224,000	\$320,981	\$482,793
2013 Jay Z-Justin Timberlake Concert	8/8/13	(\$100,000)	\$360,000	\$296,150	\$556,150	\$343,817	\$325,198	\$569,015
MD/WVU Football	9/21/13	0	\$247,051	(\$20,612)	\$226,439	\$240,774	(\$281,943)	(\$41,169)
2014 NCAA Lacrosse Final Four	5/24-26/14	(\$500,000)	\$432,252	\$264,304	\$196,556	\$197,000	\$105,654	(\$197,346)
2014 Jay Z-Beyonce Concert	7/7/14	(\$150,000)	\$312,362	\$287,809	\$450,170	\$366,000	\$351,246	\$567,246
Navy-Ohio State Football	8/30/14	(\$345,533) ¹	\$392,578	\$451,375	\$393,953	\$345,533	(\$85,897)	(\$85,897)
2014 Army-Navy Football	12/13/14	(\$800,000) ²	\$364,157	\$212,150	(\$223,693)	\$364,157	\$186,306	(\$249,537)
CONCACAF Gold Cup 2015	7/18/15	\$67,500	\$207,866	\$252,723	\$393,089			
MD/PSU Football	10/24/15	0	\$342,210	\$537,281	\$879,491			
One Direction	8/8/15	\$150,000	\$364,956	\$278,244	\$493,200			
Billy Joel	7/25/15	\$150,000	\$364,956	\$287,807	\$502,763			
2016 Army-Navy Football	12/10/16	(\$800,000) ²	\$364,157	\$206,182	(\$229,661)			

¹Guarantee assumed at \$450,000 for sell-out, 100% of admission taxes if not sold out.

²Guarantee increased to \$900,000; City and Visit Baltimore originally agreed to pay \$250,000, but only Visit Baltimore paid \$100,000

Sampling of Typical Events held at CYSC

- Concerts at M&T Bank Stadium
- Potential soccer matches at M&T Bank Stadium
- City/Poly High School Football Game
- Calvert Hall/Loyola High School Football
- MSPFAA High School Football Championships
- Baltimore City High School Baseball Championships
- 15th Annual Baltimore Running Festival
- African American Festival
- Multiple run/walk festivals



Completed Studies

Maryland Horse Park System (Phase 2)

- Requested by Maryland Department of Agriculture; funded by DBED (Department of Commerce) and MHIB.
- Evaluates the feasibility of using and/or improving existing publicly owned equine assets around the State to form a multi-site “Horse Park System”.
- Outlines recommended physical and programmatic enhancements for select facilities. Includes the estimated cost to construct the suggested enhancements as well as the estimated fiscal and economic benefits at each location.
- Released in August 2015 (Q1 of FY16)
- If the parties wish to continue with this proposed project, next steps for the MHIB and the venues would include:
 - prioritizing development options;
 - conducting more detailed program planning;
 - developing more specific cost estimates from more specific designs;
 - identifying funding sources; and
 - developing overall marketing and operating strategies for the Horse Park and its component parts.

Waldorf Multi-Purpose Civic Center

- Requested by Charles County.
- Evaluates the market, economic and fiscal impacts of the venue.
- Released December 21, 2015 (Q2 of FY16).
- If Charles County wishes to continue with this proposed project, next steps would include:
 - establishing a development strategy to refine the building program and cost estimate;
 - identifying potential funding strategies acquiring rights to the appropriate land parcels to accommodate the program and related infrastructure; and
 - working with others to attract private investment in the surrounding area for future hotel, restaurants, and retail developments.



Projects & Studies

Current Studies

Collington Stream Valley Park Lacrosse Complex

- Requested by Maryland-National Capital Parks and Planning Commission Department of Parks and Recreation.
- Currently performing archaeological investigation of the property identified for possible development.
- Results of investigation expected to be released in early 2016.

Ocean City Convention Center Expansion (Exhibit Hall/Support Space/Parking Capacity)

- Requested by the Town of Ocean City.
- Currently performing programming and economic/fiscal analysis of the proposed facility enhancements.
- Expected to be released in late 2016.

Downtown Frederick Hotel and Conference Center

- Requested by the City of Frederick.
- Providing estimating and business terms review services related to the construction of a proposed hotel/conference complex and associated parking garage to be located in downtown Frederick.
- City and County may seek State funding for project this year.
- Expected to be released in early 2016.

Anne Arundel Community College Stadium Renovation & Multi-Field Athletic Complex

- Requested by Anne Arundel County.
- Request to conduct study was approved by MSA Board on 12/2/15; Completing negotiations of the MOU to perform the study.
- Expected to be released early 2017.

Worcester County Arena & Sports Complex

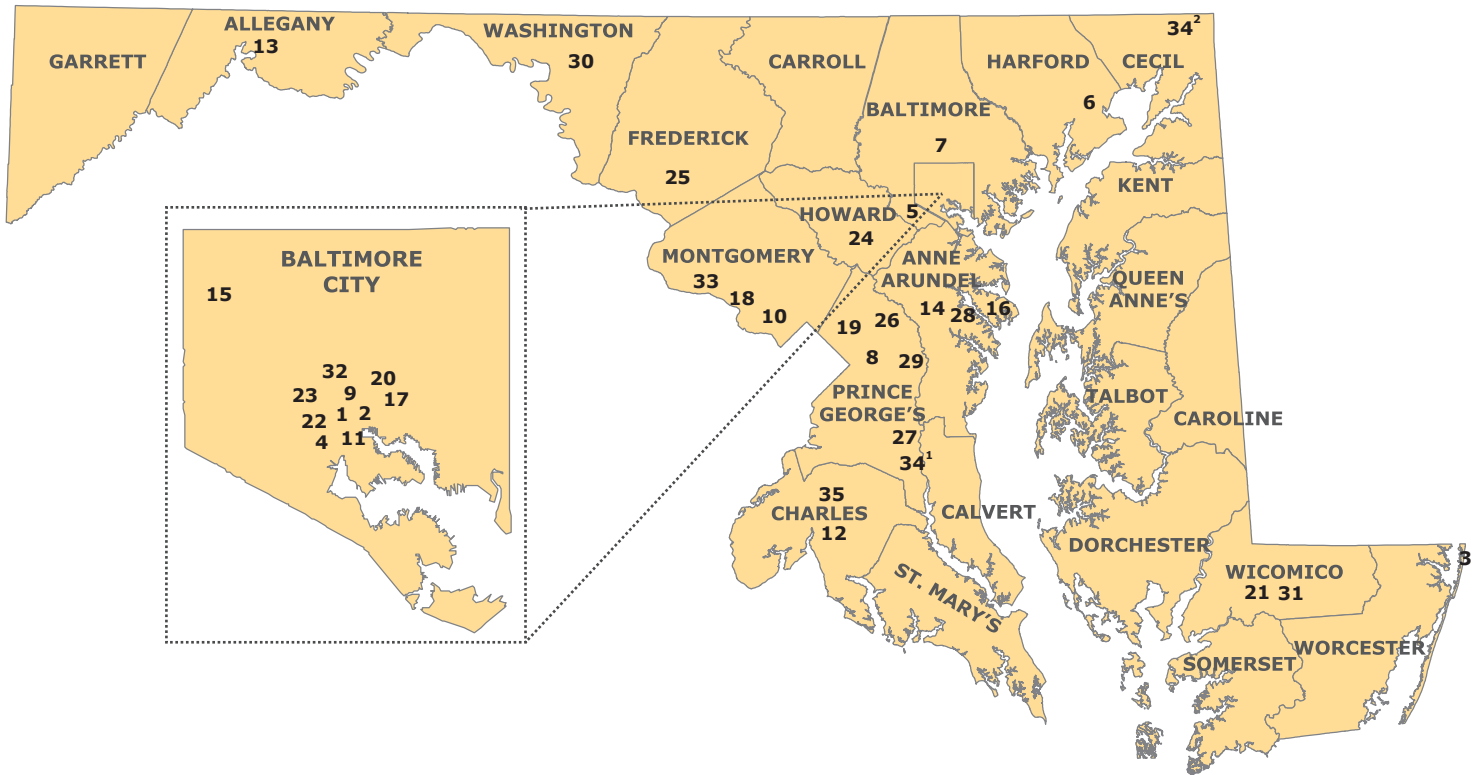
- Requested by Worcester County.
- Completing negotiating Memorandum of Understanding with the County.
- Expected to be released in early 2017.

Current Projects

North Bethesda Conference Center Parking Structure

- Requested and funded by Montgomery County
- Budget is \$21,000,000
- Design/permitting expected to be complete in mid-2016
- Construction expected to be complete in late-2017

Completed Projects & Studies 1992- 2015*



1. Oriole Park at Camden Yards/Warehouse 1992
2. Baltimore Convention Center
 - BCC Expansion 1996
 - BCC Expansion/Arena Study 2011
3. Ocean City Convention Center
 - OCCC Expansion 1996
 - OCCC Study & Expansion 2011
 - OCCC Performing Arts Center 2014
 - OCCC Expansion Study 2015
4. M&T Bank Stadium 1998
5. UMBC Commons 2002
6. Ripken Stadium 2005
7. Utitas Stadium at Towson University 2002
8. Comcast Arena at College Park 2002
9. Hippodrome Theater/France-Merrick Center 2004
10. Montgomery County Conference Center 2004
11. Camden Station Restoration 2005
12. Charles County Minor League Stadium 2008
13. Allegany Motor Sports Park Feasibility Study 2007
14. Maryland Horse Park Feasibility Study 2007
15. Coppin State University Physical Education Complex 2010
16. National Sailing Hall of Fame Feasibility Study 2008
17. Baltimore Arena Feasibility Study 2007
18. Montgomery County Arena Study 2007
19. MLS Stadium Study in Prince George's County 2009
20. Baltimore City Circuit Courthouse Study 2011
21. Wicomico County Youth and Civic Center Study 2012
22. Baltimore City Soccer Stadium Study 2010
23. Baltimore Gran Prix Pit Lane Improvements 2011
24. Troy Park Tennis Feasibility Study 2012
25. City of Frederick Conference Center Study 2012
26. Washington Redskins Training Center/Headquarters Study 2012
27. Show Place Arena Study 2012
28. Annapolis Arts Center Study 2012
29. Bowie Lacrosse Stadium Study 2012
 - Green Branch Multi-Field Sports Complex Study 2014
30. Hagerstown Stadium Lease Study 2012
31. Perdue Stadium Improvements Study 2012
32. State Center 2014
33. Montgomery County Conference Center Garage 2014
34. MD Horse Park System Study 2015
35. Waldorf Multi Purpose Civic Center 2015

* Does not include schools/projects associated with 21st Century Schools Program or Project C.O.R.E



Baltimore City Public Schools Construction

Successes

- Construction Costs
 - ◆ 2014 projection \$309/sq ft
 - ◆ Current projection \$294/sq ft
 - MSA/City Schools continuously work during design to gain building efficiencies
 - Construction Manager at Risk (CMR) yields savings during the design process through Value Engineering
 - Program shares value engineering ideas and is constantly being updated with new ideas
 - All program administration performed under a new project management software system
- Schedule - Program remains on schedule for completion in 2020
- Number of students impacted- 10% more students than reported in 2014
- Reaching utilization rate goal - target on track for 86%, without the swing space, by 2020.
- Increased reductions of under-utilized square footage- School Closings
 - ◆ City Schools added 300,000 sq ft of additional inventory to be closed
 - ◆ Future maintenance costs will be reduced
- Workforce Development
 - ◆ Plan approved by Collaborative and employment opportunities for Baltimore residents being implemented

Challenges

- Site specific educational specifications that determine school size came in approximately 220,000 sq ft above the 2014 projections for Year 2 Schools due to a combination of the 10 year plan amendment from December 2014 and special education assumptions
- MSA and City Schools are working together cooperatively to reduce the impact of last years 10 year plan amendment through the following measures:
 - ◆ Reduce square feet in program, review educational specification prototypes
 - ◆ Implement innovative building system components (Pending study)
 - ◆ Explore innovative delivery methods
 - ◆ Explore additional strategic options for renovation during Year 2 feasibility studies

Expectations

- The program is expected to support between 23 to 28 school buildings
- These expectations are based on:
 - ◆ Year 1 Schools
 - Detailed estimates and partial bid results for two schools
 - Estimates at partial design for eight schools
 - Concept estimate for one school
 - ◆ Year 2 Schools
 - Assumptions on school size based on site specific educational specifications
 - \$/sq. ft estimates based on historical pricing
 - Revenue forecasts based on issuing multiple bond packages beginning in early 2016

Baltimore City Public Schools Construction



Year 1 Schools

- There are 13 schools in the 11 buildings in Year 1

Frederick ES Renovation with Addition- MSA

- ◆ A/E: USA Architects
- ◆ CM: Gilbane Building Company
- ◆ Current Budget: \$27,217,406
- ◆ Completion: August 2017
- ◆ Current Status: Construction

Cherry Hill PK-8 Renovation with Addition-CS

- ◆ A/E: JRS Architects
- ◆ CM: HESS Construction + Engineering
- ◆ Current Budget: \$48,281,839
- ◆ Completion: August 2018
- ◆ Current Status: Schematic Design

Fort Worthington PK-8 Replacement- MSA

- ◆ A/E: Grimm and Parker
- ◆ CM: Gilbane Building Company
- ◆ Current Budget: \$37,376,872
- ◆ Completion: August 2017
- ◆ Current Status: Construction

Forest Park HS Renovation with Addition-CS

- ◆ A/E: SEI Architects
- ◆ CM: HESS Construction + Engineering
- ◆ Current Budget: \$70,122,898
- ◆ Completion: August 2018
- ◆ Current Status: Schematic Design

Lyndhurst PK-8 Renovation with Addition- MSA

- ◆ A/E: STV Inc.
- ◆ CM: Turner Construction Company
- ◆ Current Budget: \$39,938,364
- ◆ Completion: December 2017
- ◆ Current Status: Bidding

Arlington PK-5 Renovation with Addition-CS

- ◆ A/E: Design Collective
- ◆ CM: Dustin Construction
- ◆ Current Budget: \$41,260,642
- ◆ Completion: August 2018
- ◆ Current Status: Schematic Design

John Eager Howard ES Renovation with Addition- MSA

- ◆ A/E: Cho Benn Holback Associates
- ◆ CM: J Vinton Schafer & Sons
- ◆ Current Budget: \$33,539,979
- ◆ Completion: December 2017
- ◆ Current Status: Construction Documents

Pimlico PK-8 Renovation with Addition-CS

- ◆ A/E: Design Collective
- ◆ CM: Dustin Construction
- ◆ Current Budget: \$45,279,387
- ◆ Completion: August 2018
- ◆ Current Status: Schematic Design

Robert Poole (ACCE/Independence Schools) HS Renovation with Addition- MSA

- ◆ A/E: JRS Architects
- ◆ CM: CAM Construction Company
- ◆ Current Budget: \$52,775,763
- ◆ Completion: August 2018 (Delayed 6 months due to academic impacts)
- ◆ Current Status: Construction Documents

Patterson HS/Claremont School Replacement - MSA

- ◆ A/E: TBD
- ◆ CM: TBD
- ◆ Current Budget: \$95,000,000
- ◆ Completion: August 2019 (Delayed one year due to addition of Claremont school and budget reconciliation)
- ◆ Current Status: Feasibility Study Approval Pending

Arundel PK-8 Renovation with Addition- MSA

- ◆ A/E: GWWO Architects
- ◆ CM: MCN/Southway Builders
- ◆ Current Budget: \$44,253,517
- ◆ Completion: August 2018
- ◆ Current Status: Design Development



Baltimore City Public Schools Construction

Year 2 Schools

- There are currently 19 schools in 17 buildings in Year 2
- Year 2 schools were divided into four lots for feasibility study assignments

Lot 1 - Approximately 50% complete in Feasibility Study

- ◆ Cross Country ES/MS
- ◆ Medfield Heights ES
- ◆ Calvin Rodwell PK-8
- ◆ John Ruhrah ES/MS

Lot 2 - Awaiting Feasibility Study Contract Approval

- ◆ Calverton ES/MS
- ◆ Govans ES
- ◆ Walter P Carter/Lois T Murray ES/MS
- ◆ Bay-Brook ES

Lot 3 - Feasibility Study Procurement

- ◆ Mary E Rodman ES
- ◆ Montebello PK-8
- ◆ Harford Heights ES/Sharp Leadenhall PK-8
- ◆ Canton Building (To be replaced by two schools as a result of the 2015 10 Year Plan amendment put into action by the School Board on January 12th, 2016.)

Lot 4 - Initiate Feasibility Study Procurement in December

- ◆ Robert W Coleman ES
- ◆ James Mosher ES
- ◆ Northwood ES
- ◆ Schools added by 10 Year Plan amendment:
 - Commodore John Rodgers PK-8- Added by the 2015 10 Year Plan amendment
 - Highlandtown #237 PK-8- Added by the 2015 10 Year Plan amendment
 - Fairmont/Harford High School- Added by the 2014 10 Year Plan amendment

Baltimore City Public Schools Estimated Bond Proceeds

Maryland Stadium Authority	
Baltimore City Public School Construction Bonds	
Projected Project Funds for a \$320 million Series	
Bond Statistic	Current Market
Par Amount	\$320,285,000
Term	30 years
Average coupon interest rate	5.0%
True Interest Cost	3.78%
Average annual Debt Service	\$20.6
Project bond premium	\$50,539,866
Projected proceeds for construction	\$370,824,866

Baltimore City Public Schools Construction



Summary Table from 21st Century Schools Program Annual Report

Building Name	2014 Enrollment Projection	2014 SQFT	2014 SQFT/Student	2015 Enrollment Projection	2015 SQFT	2015 SQFT/Student	SF Net ECDC + Judy	SF/Student Net ECDC
Arlington #234	409	87,226	192	408	97,750	208	84,750	180
Arundel #164	575	84,736	133	575	107,420	169	94,420	148
Cherry Hill #159	604	81,573	122	840	132,984	143	132,984	143
Forest Park #406	753	215,965	258	812	199,331	215	199,331	215
Fort Worthington #85	503	98,500	176	594	103,280	148	103,280	148
Frederick #260	548	79,826	131	548	84,961	140	84,961	140
John Eager Howard #61	465	89,926	174	500	91,750	166	91,750	166
Lyndhurst #88	622	104,934	152	645	111,435	156	111,435	156
Patterson #405	1,262	191,890	137	1,493	267,771	166	267,771	166
Pimlico #223	511	115,636	204	640	119,700	157	119,700	157
Robert Poole #56	924	136,738	133	921	138,963	141	138,963	141
Plan Year 1 Schools	7,177	1,286,950	161	7,976	1,455,345	164	1,429,345	161
Calvin M. Rodwell #256	545	88,614	146	643	105,007	147		
Cross Country #247	803	120,969	136	897	132,643	133		
John Ruhrah #228	893	125,731	127	911	135,317	139		
Medfield Heights #249	445	73,773	149	440	80,024	163		
Bay-Brook #124	502	85,439	153	727	117,698	146		
Calverton #75	817	120,969	133	1004	154,364	133		
Govans #213	425	72,186	153	531	92,183	156		
Walter P. Carter #134	433	75,916	158	927	164,255	153		
Canton Building #230	740	116,208	141	908	130,109	133		
Harford Heights Bldg #36	603	104,354	156	654	122,245	166		
Mary E. Rodman #204	410	72,186	158	465	82,747	154		
Montebello #44	696	114,620	148	642	104,307	146		
James Mosher #144	463	85,439	166	319	64,078	181		
Northwood #242	718	112,287	141	734	111,629	137		
Robert W. Coleman #142	499	88,709	160	442	80,052	163		
Plan Year 2 Schools	8,992	1,457,400	146	10,244	1,676,658	147		
PY1 and PY2 Combined	16,169	2,744,350	153	18,220	3,132,003	154		
Fairmont/Harford HS*								
Commodore John Rodgers*								
Highlandtown #237*								

*Information under development for these three projects



Baltimore City Public Schools Construction

Summary Table from 21st Century Schools Program Annual Report (continued)

Building Name	Oct 2014 Cost Estimate	\$/SF 2014	EAP/Feasibility Estimates	\$/SF EAP	Current Est.	\$/SF Current
Arlington #234	\$31,031,607	\$356	\$41,260,642	\$422	\$34,775,540	\$356
Arundel #164	\$29,914,385	\$353	\$44,253,517	\$412	\$44,179,242	\$411
Cherry Hill #159	\$29,378,155	\$360	\$48,281,839	\$363	\$47,822,994	\$360
Forest Park #406	\$72,622,897	\$336	\$70,122,898	\$352	\$72,622,897	\$364
Fort Worthington #85	\$37,376,872	\$379	\$42,187,379	\$408	\$37,762,109	\$366
Frederick #260	\$27,217,406	\$341	\$30,855,997	\$363	\$27,023,507	\$318
John Eager Howard #61	\$32,539,979	\$362	\$33,539,979	\$366	\$32,639,284	\$356
Lyndhurst #88	\$39,938,364	\$381	\$39,938,364	\$358	\$41,538,183	\$373
Patterson #405	\$86,203,269	\$449	\$95,000,000	\$355	\$95,000,000	\$355
Pimlico #223	\$41,592,474	\$360	\$45,279,387	\$378	\$43,053,696	\$360
Robert Poole #56	\$52,775,763	\$386	\$55,056,540	\$396	\$52,903,905	\$381
Plan Year 1 Schools	\$480,591,171	\$373	\$545,776,542	\$375	\$529,321,357	\$364
Calvin M. Rodwell #256	\$32,661,008	\$369			\$38,703,077	\$369
Cross Country #247	\$47,438,566	\$392			\$52,016,580	\$392
John Ruhrah #228	\$49,305,858	\$392			\$53,065,042	\$392
Medfield Heights #249	\$27,191,182	\$369			\$29,495,170	\$369
Bay-Brook #124	\$33,505,452	\$392			\$46,156,026	\$392
Calverton #75	\$47,438,566	\$392			\$60,534,573	\$392
Govans #213	\$26,606,173	\$369			\$33,976,628	\$369
Walter P. Carter #134	\$29,770,947	\$392			\$64,413,653	\$392
Canton Building #230	\$45,571,273	\$392				
Harford Heights Bldg #36	\$38,462,535	\$369			\$45,056,755	\$369
Mary E. Rodman #204	\$26,606,173	\$369			\$30,498,725	\$369
Montebello #44	\$44,948,843	\$392			\$40,904,545	\$392
James Mosher #144	\$31,490,992	\$369			\$23,617,783	\$369
Northwood #242	\$41,386,406	\$369			\$41,143,882	\$369
Robert W. Coleman #142	\$32,696,109	\$369			\$29,505,337	\$369
Plan Year 2 Schools	\$555,080,083	\$381			\$589,087,777	\$381
PY1 and PY2 Combined	\$1,035,671,254	\$377			\$1,118,409,134	\$373
Fairmont/Harford HS*						
Commodore John Rodgers*						
Highlandtown #237*						
*Information under development for these three projects						