Massachusetts School Building Authority

Deborah B. Goldberg, State Treasurer and Receiver-General

Chairperson

James MacDonald

Chief Executive Officer

Jack McCarthy

Executive Director



Board Meeting

October 30, 2019

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Finance Update

- **Sales Tax Collections | Update**
- Grant Payments | Update
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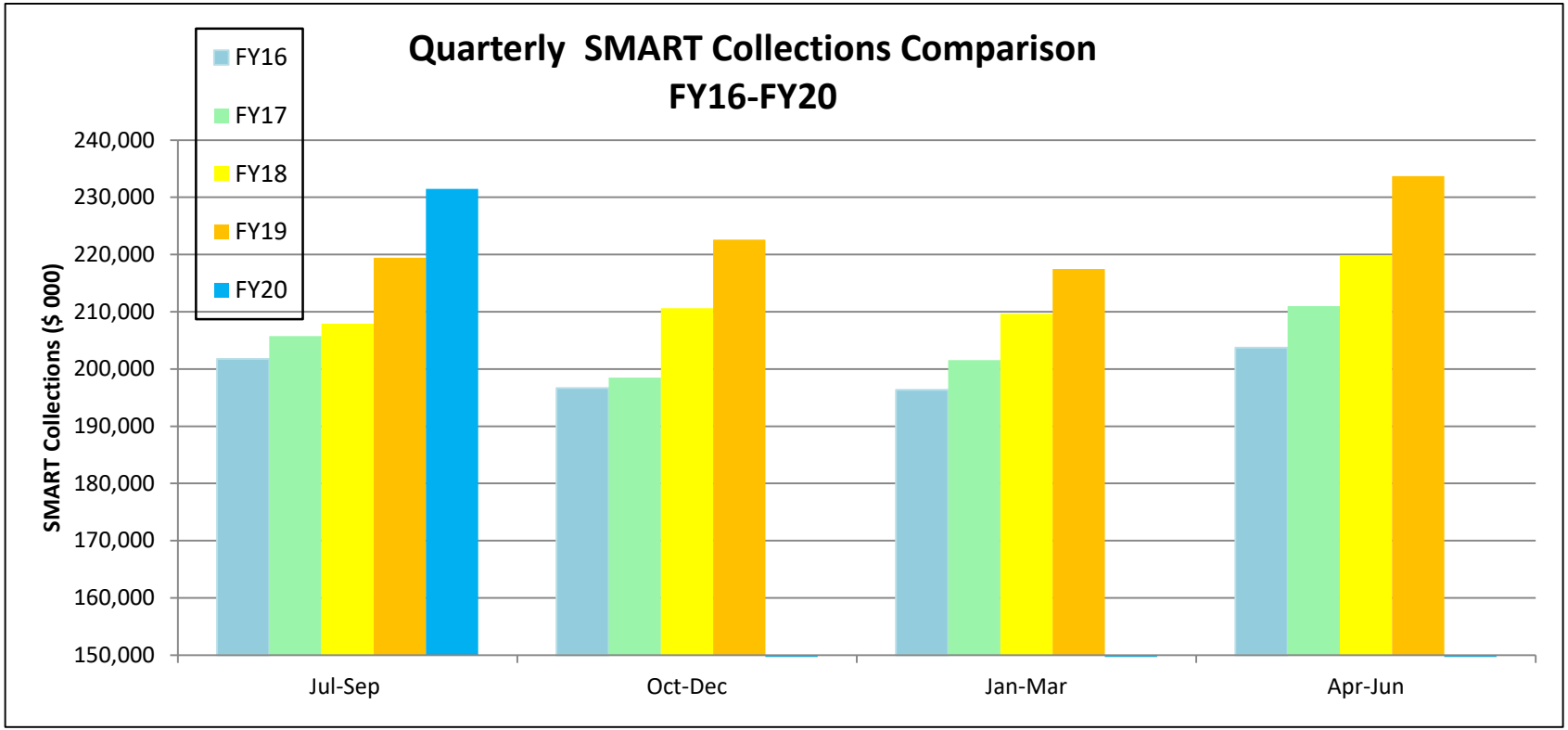
FY20 SMART Collections Update

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	YTD
% Change	-1.89%	4.32%	0.97%	1.03%	11.39%	6.47%	-0.37%	8.93%	5.21%	3.01%	4.37%	5.04%	3.82%
FY19 ($ 000)	73,165	74,677	71,612	74,205	74,180	74,214	86,342	66,460	64,662	75,200	76,981	81,505	893,200
Change ($ 000)	3,003	5,248	3,297	3,441	4,524	4,009	3,701	2,550	1,594	7,669	4,312	1,873	45,221
% Change	4.28%	7.56%	4.83%	4.86%	6.49%	5.71%	4.48%	3.99%	2.53%	11.36%	5.93%	2.35%	5.33%
FY20 vs FY19 Char	77,941	78,753	74,787										231,481
Change ($ 000)	4,776	4,076	3,175										12,027
% Change	6.53%	5.46%	4.43%										5.48%

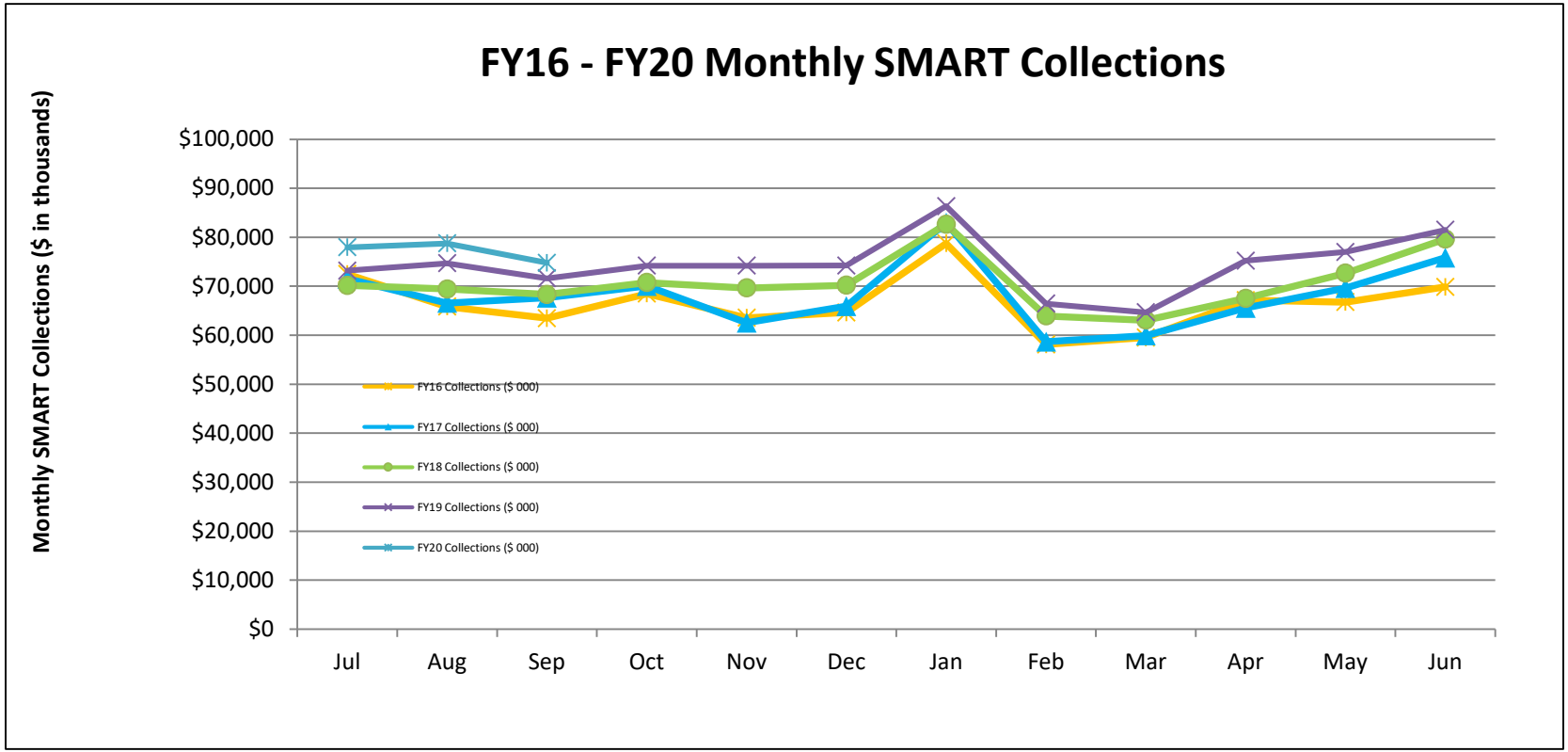
- Updated FY 20 Consensus Revenue Estimate of $954 million would represent growth of 6.8% over the FY 19 unaudited amount

- FY 20 collections for July thru September 2019 are $12,027million (5.48%) higher than FY19 collections for the same period

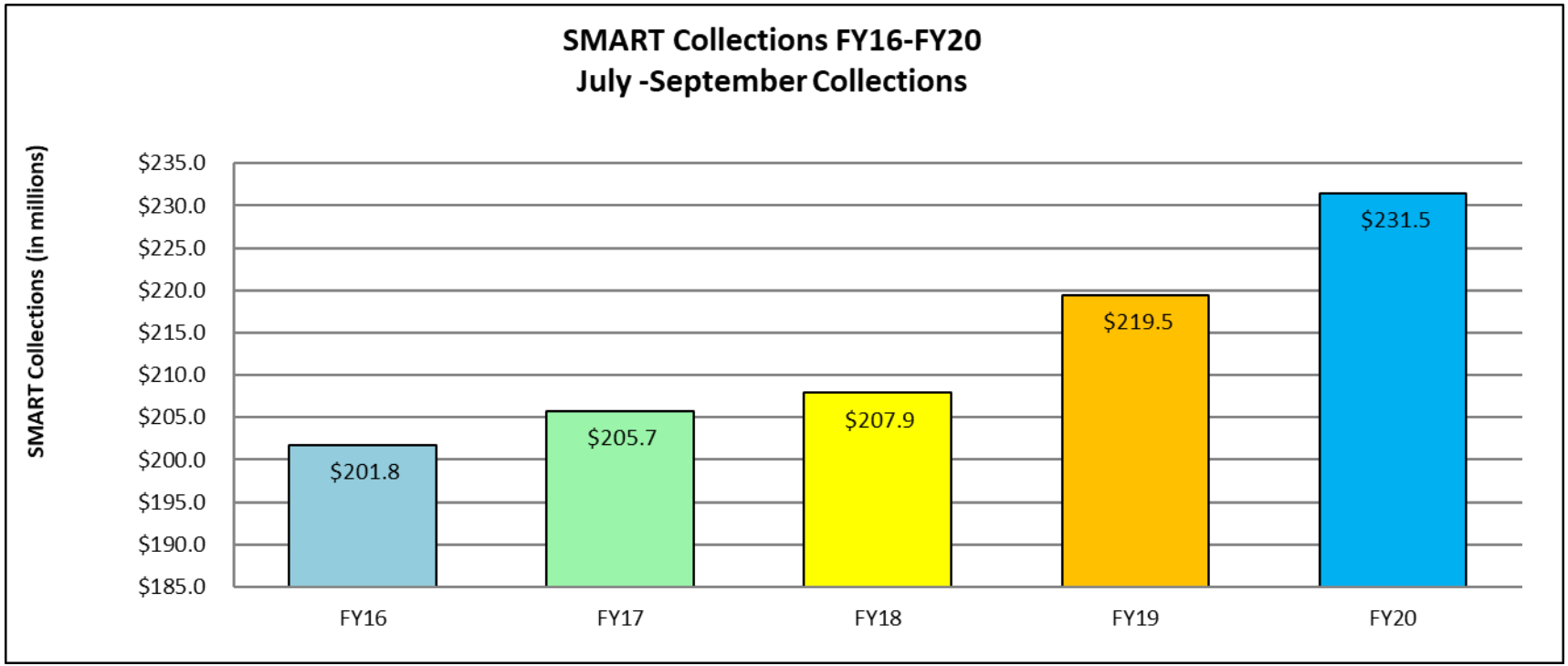
Quarterly SMART Collections



FY 2020 SMART Collections Update



Smart Collections Year To Date





Finance Update

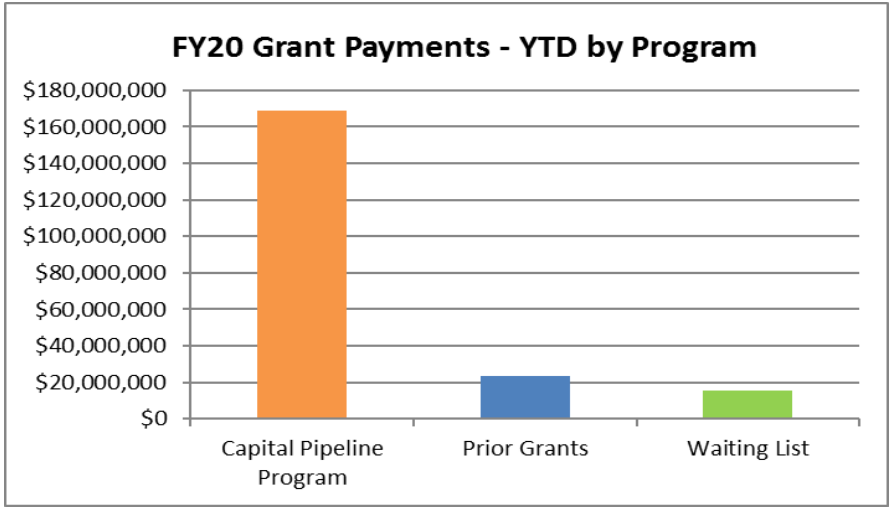
- Sales Tax Collections | Update
- **Grant Payments | Update**
- FY 20 Budget | Update
- 2019 Series B Refunding Bonds | Vote

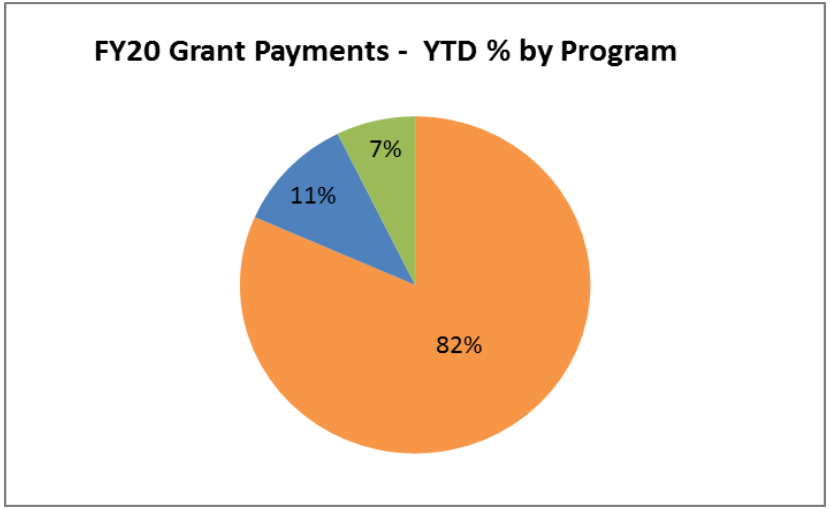
Grant Payments | FY2020 YTD Update

FY20 YTD Grant Payments Summary*

Program	Grant Payments	# Projects	# Districts	% of FY20 Payments
Capital Pipeline Program	$ 169,090,610	107	80	82%
Prior Grants	$ 23,168,327	24	21	11%
Waiting List	$ 15,220,435	26	19	7%
Total	**$ 207,479,372**	**157**	**112**	

***Reflects grant payment data as of October 18, 2019.**



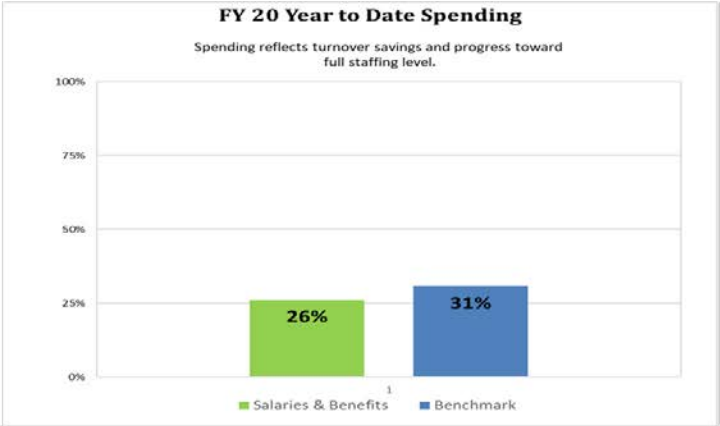


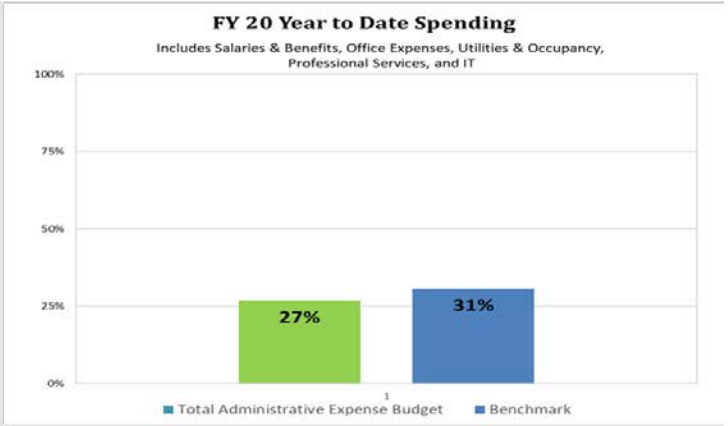


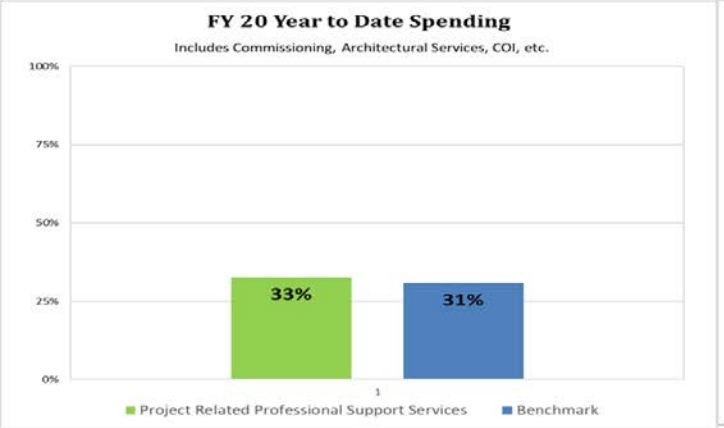
Finance Update

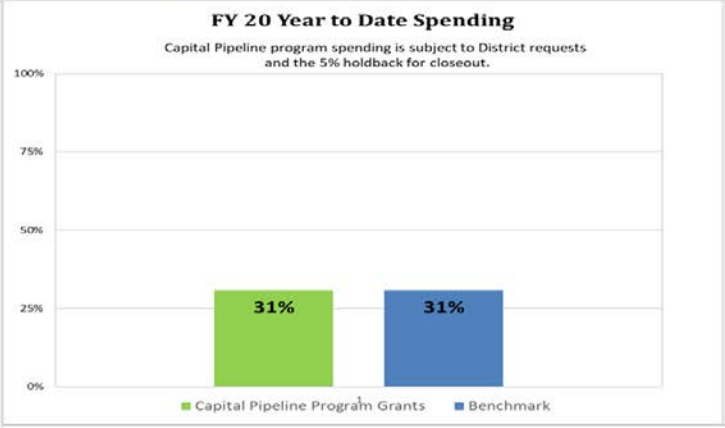
- Sales Tax Collections | Update
- Grant Payments | Update
- **FY 20 Budget | Update**
- 2019 Series B Refunding Bonds | Vote

Fiscal Year 2020 Expenditure Charts

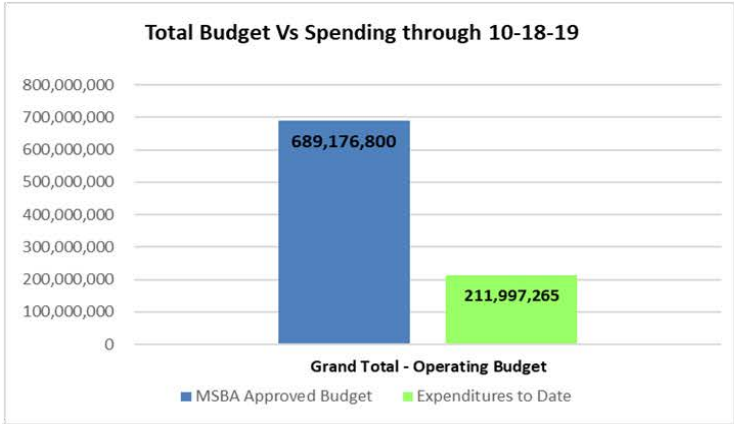


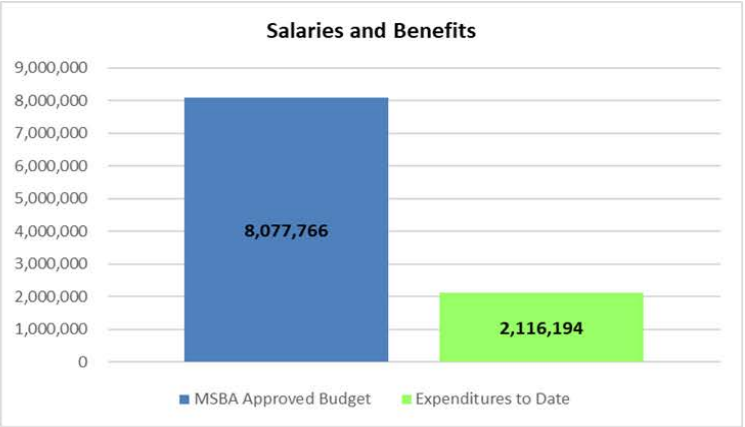


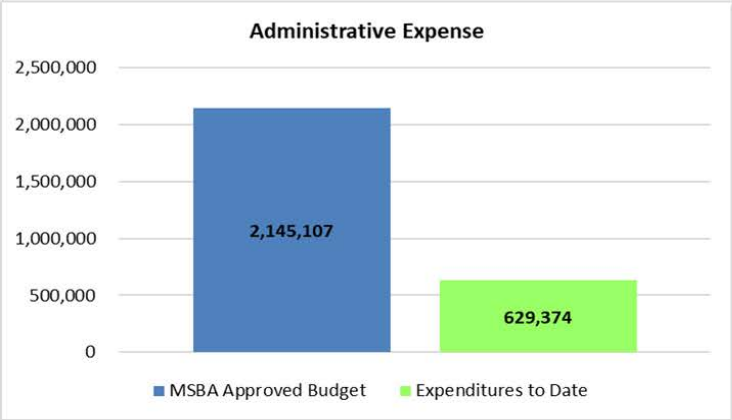


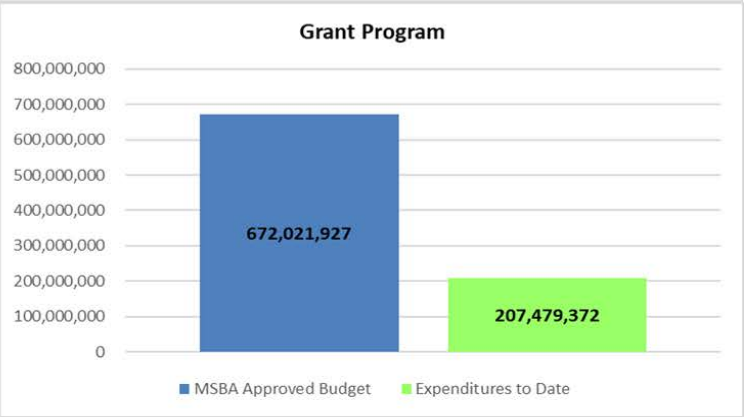


Fiscal Year 2020 Budget Update











Finance Update

- Sales Tax Collections | Update
- Grant Payments | Update
- FY 20 Budget | Update
- **2019 Series B Refunding Bonds | Vote**

2019 Series B Financing Summary

Transaction Overview	
Issuer	Massachusetts School Building Authority
Estimated Size	2019 Series B Taxable Refunding $720.750* Million
Expected Pricing Date	November 6, 2019
Expected Closing Date	November 20, 2019
Security	Subordinated Lien Bonds, Secured by a subordinate Gross Pledge of a 1% Statewide Sales Tax
Debt Service Reserve Fund	None
Use of Proceeds	Refunding of 2011 Series B Bonds and Costs of Issuance
Final Maturity	October 15, 2040*
Debt Service Funding	Both Principal and Interest are gross funded on a Monthly Basis (BAB/QSCB subsidies not deducted)
Tax Status	Federally Taxable Interest is Exempt from Massachusetts Personal Income Taxes and the Bonds are Exempt from Massachusetts Personal Property Taxes
Continuing Disclosure	Available at http://emma.msrb.org

* **Preliminary, subject to change**



Project Votes

Invitation to Feasibility Study | Vote

District	School
Hull	Hull Memorial Middle School
Peabody	William A. Welch Elementary School
Stoneham	Stoneham High School
Walpole	Bird Middle School

Amendment to Feasibility Study Agreement | Vote

District	School
Waltham	Waltham High School

Project Scope and Budget | Vote

District	School	Project Scope	Total Project Budget	Estimated Maximum Total Facilities Grant
Acton-Boxborough Regional School District	C.T. Douglas Elementary School	New	$117,328,519	$36,728,824
Easton	Center School	New	$94,839,543	$34,400, 860
Rockland	Jefferson Elementary School	New	$86,607,521	$34,420,984
Sharon	Sharon High School	New	$163,000,000	$50,042,540
		Totals	**$461,775,583**	**$155,593,208**

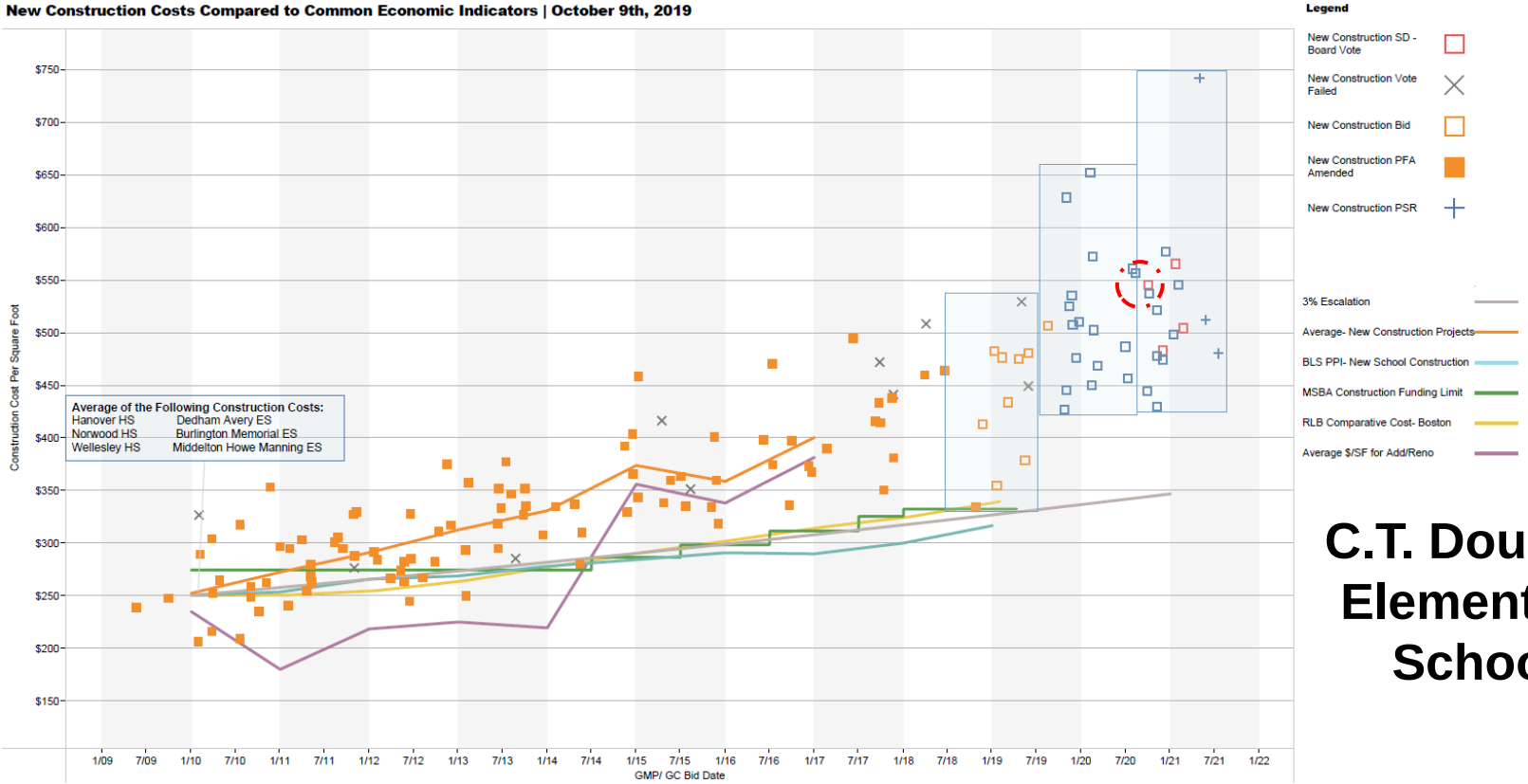
Project Scope and Budget | Acton-Boxborough Regional School District

C.T. Douglas Elementary School

- Year Opened: 1967
- Current Grade Configuration: K-6
- Agreed Upon Grade Configuration: PK-6
- Agreed Upon Enrollment: 990 students
- Scope of Project: New Construction to replace the existing C.T. Douglas and Paul P. Gates Elementary Schools with a new facility on the existing Paul P. Gates Elementary School site
- Existing Square Footage: 48,324 GSF
- Proposed Square Footage: 174,759 GSF
- District Total Project Budget: $117,328,519
- Estimated Basis Total Facilities Grant: $74,074,880
- Reimbursement Rate*: 49.70%
- Estimated Maximum Total Facilities Grant: $36,728,824

* *The MSBA has provisionally included two (2) incentive points for energy efficiency, subject to the District meeting certain sustainability requirements for the project. If the District does not meet the requirements for the energy efficiency, the District will not qualify for these incentive points, and the MSBA will adjust the reimbursement rate accordingly.*

Project Scope and Budget | Acton-Boxborough Regional School District



C.T. Douglas Elementary School

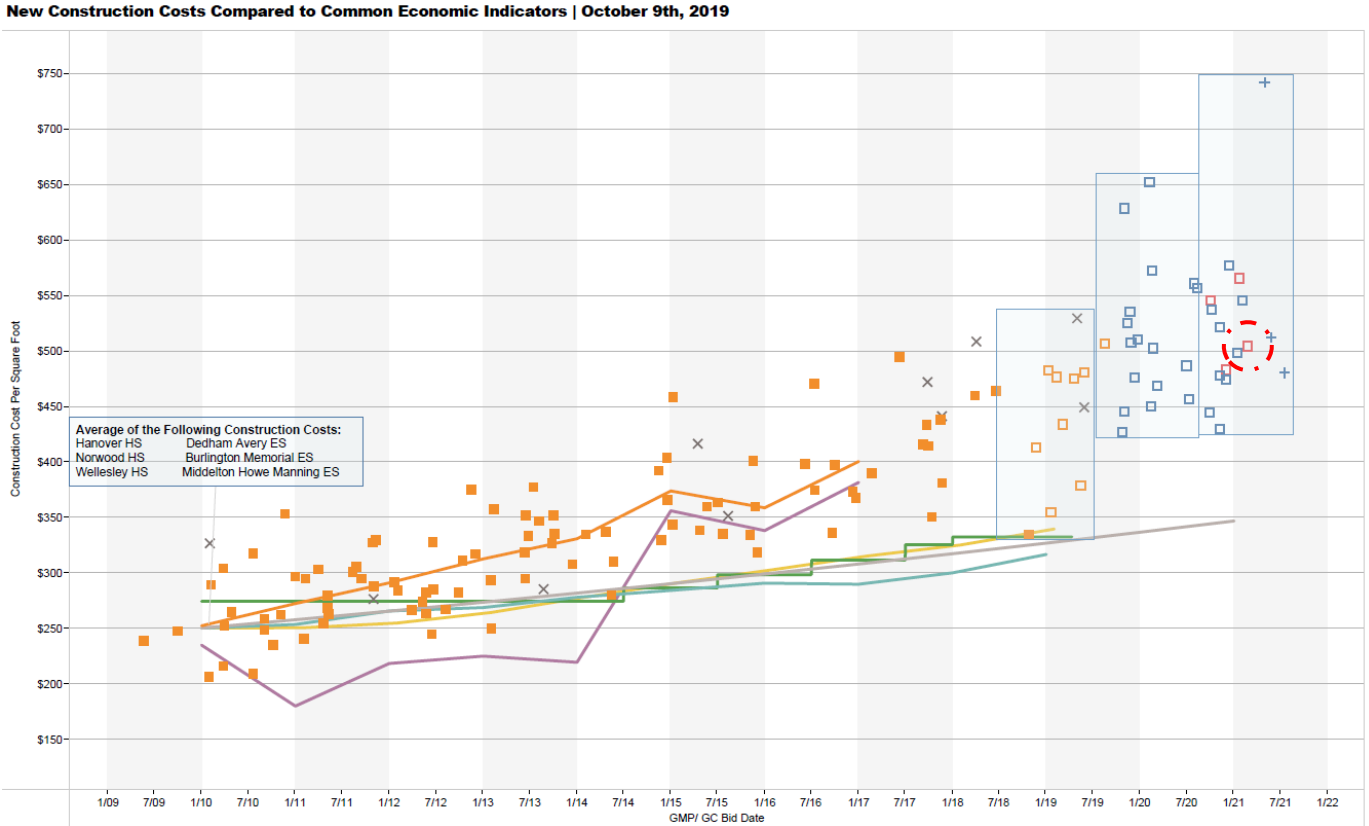
Project Scope and Budget | Easton

Center School

- Year Opened: 1954
- Current Grade Configuration: PK-2
- Agreed Upon Grade Configuration: PK-2 District-wide
- Agreed Upon Enrollment: 760 students
- Scope of Project: New Construction to replace the existing Center Elementary School, Moreau Hall Elementary School and Parkview Elementary School with a new facility on the Parkview Elementary School site
- Existing Square Footage: 36,500 GSF
- Proposed Square Footage: 148,422 GSF
- District Total Project Budget: $94,839,543
- Estimated Basis Total Facilities Grant: $61,933,167
- Reimbursement Rate*: 55.93%
- Estimated Maximum Total Facilities Grant: $34,400,860

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Project Scope and Budget | Easton



Center School

Project Scope and Budget | Rockland

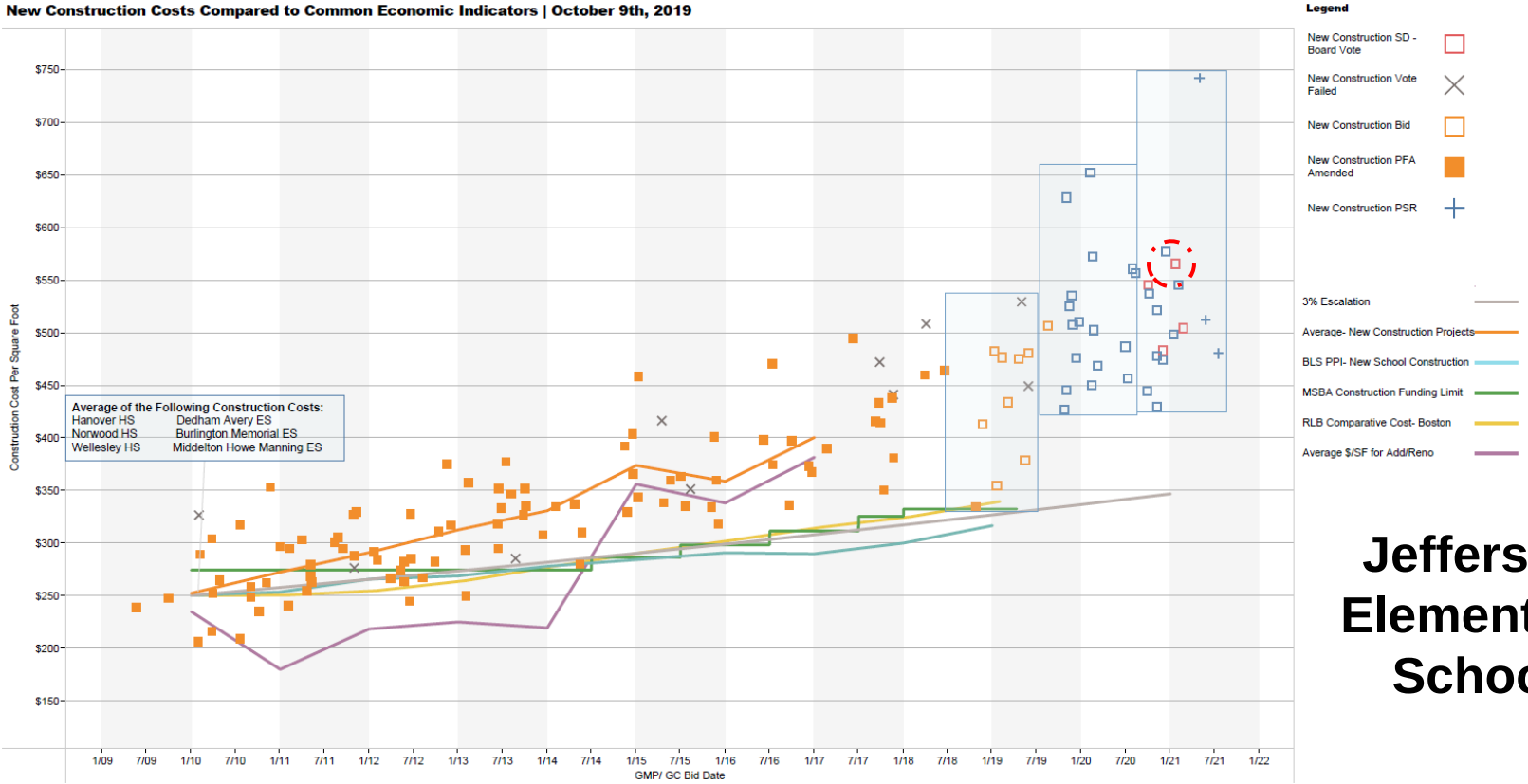
Jefferson Elementary School

- Year Opened: 1923
- Current Grade Configuration: K-4
- Agreed Upon Grade Configuration: 1-4
- Agreed Upon Enrollment: 760 students District-wide
- Scope of Project: New Construction to replace the existing Jefferson and Memorial Park Elementary Schools with a new district-wide facility on the site of the existing Memorial Park Elementary School
- Existing Square Footage: 40,218 GSF
- Proposed Square Footage: 120,672 GSF
- District Total Project Budget: $86,607,521
- Estimated Basis Total Facilities Grant: $51,322,421
- Reimbursement Rate*: 67.08%
- Estimated Maximum Total Facilities Grant: $34,420,984

* *The District's Poverty Factor has been adjusted to reflect the higher rate of 5.67 based on the 2019 legislation requiring the use of the highest rate in effect from CY14 to CY19.*

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Project Scope and Budget | Rockland



Jefferson Elementary School

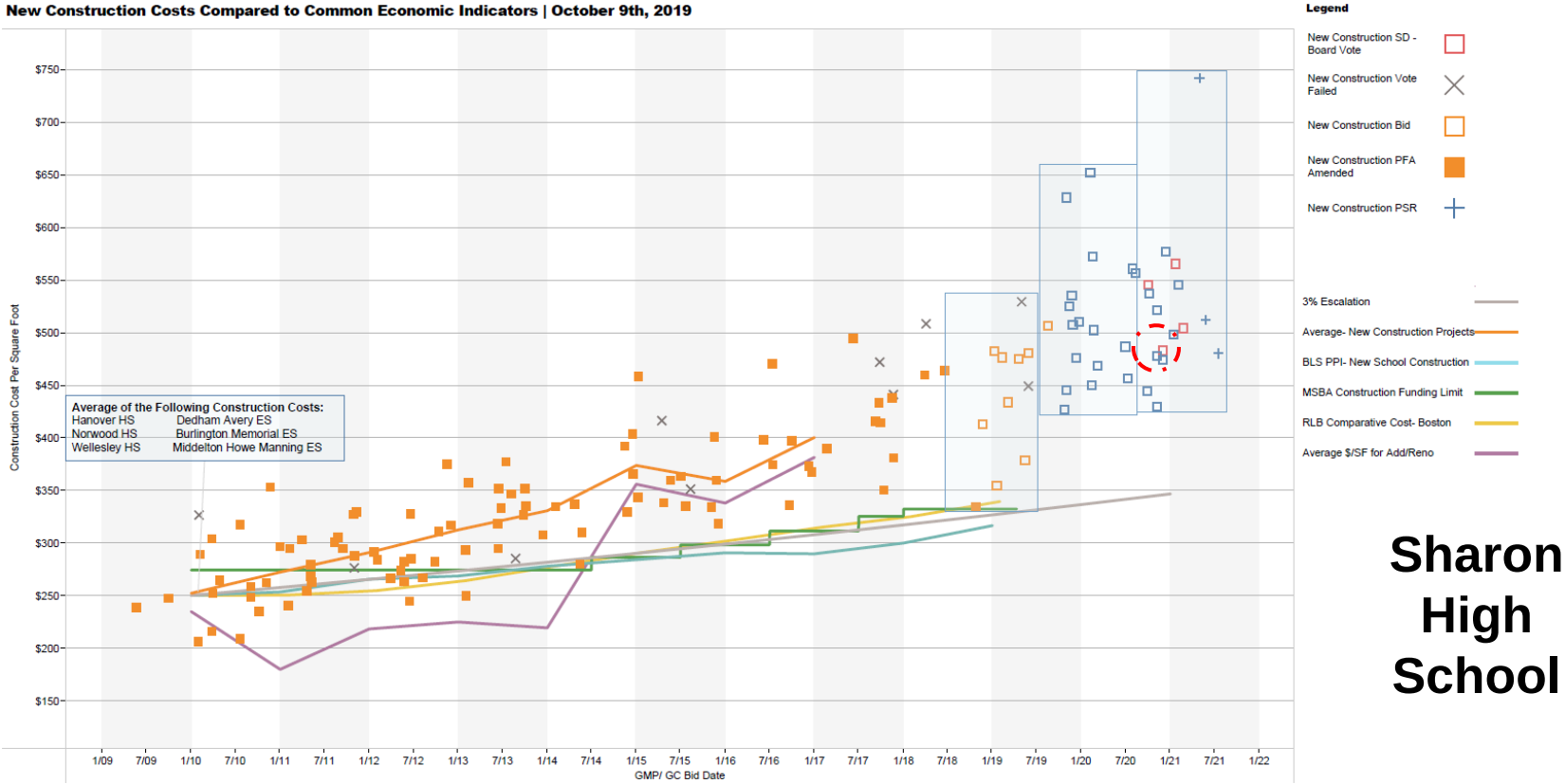
Project Scope and Budget | Sharon

Sharon High School

- Year Opened: 1956
- Current Grade Configuration: 9-12
- Agreed Upon Grade Configuration: 9-12
- Agreed Upon Enrollment: 1,250 students
- Scope of Project: New Construction on the existing site
- Existing Square Footage: 168,422 GSF
- Proposed Square Footage: 240,204 GSF
- District Total Project Budget: $163,000,000
- Estimated Basis Total Facilities Grant: $103,646,748
- Reimbursement Rate*: 48.95%
- Estimated Maximum Total Facilities Grant: $50,042,540

** The MSBA has provisionally included two (2) incentive points for energy efficiency, subject to the District meeting certain sustainability requirements for the project. If the District does not meet the requirements for the energy efficiency, the District will not qualify for these incentive points, and the MSBA will adjust the reimbursement rate accordingly.*

Project Scope and Budget | Sharon



Sharon High School



Audit Update

- **Audit Status Report**
- Approval of Final Audits with no appeals, Capital Pipeline Program MSBA grants | Vote

Audit Status Update

Capital Pipeline Program

Today's Vote

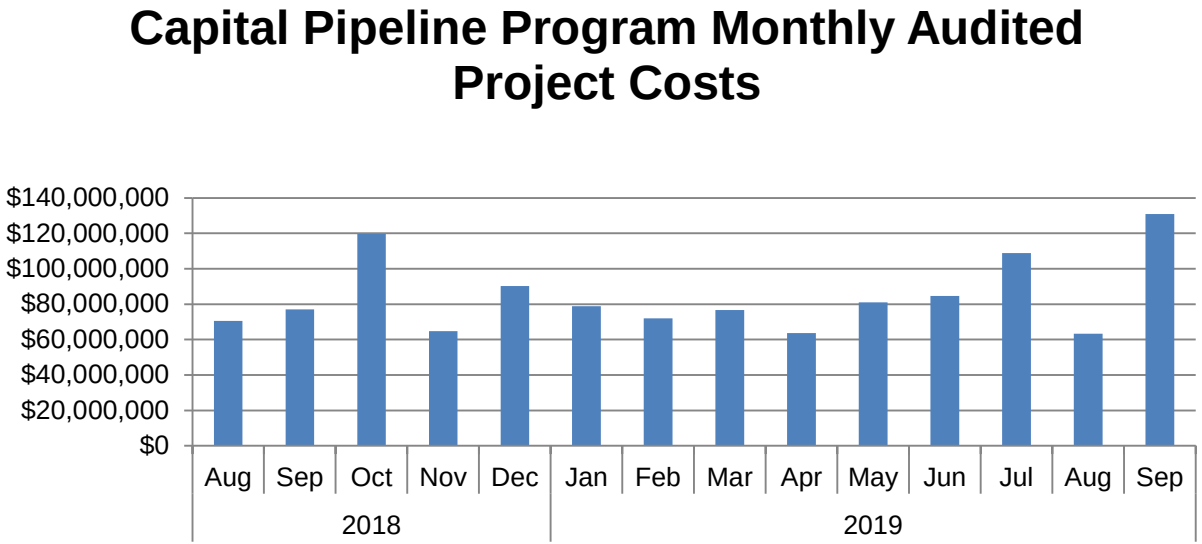
Completed Projects		Projects Currently Have Executed FSA and PFA	Estimated Costs Remaining
505	18	220	
$5.81 billion of costs *submitted and audited*		**$3.2** billion of costs *submitted and audited*	Approx. **$ 3.6** billion of costs *to be submitted**

**Estimated based on Total Project Budgets from executed funding agreements and submitted costs as of October 18, 2019.*

Capital Pipeline Program | Monthly Audited Project Costs

Rolling 12 month submitted costs monthly average of $86.2 million

Total 12 Month Audited Costs = $1 billion





Audit Update

- Audit Status Report
- **Approval of Final Audits with no appeals, Capital Pipeline Program MSBA grants | Vote**

Capital Pipeline Program | Closeout Audits

Today's Vote: October 30, 2019 Approval of Final Audits – Capital Pipeline Projects

	MSBA ID	District Name	School Name	Project Type	Project Scope	Reimb. Rate	MSBA CX	Total Project Budget	Final Costs Submitted	Ineligible Costs	Basis for Final Total Facilities Grant	Authorized Grant for Cap Reconcilliation	Final Total Facilities Grant	Grant Reconciliation FY	Additional Savings in Final Audit Grant for Cap Reconcilliation
1	201500610010	City of Chicopee	Belcher Elementary School	Accelerated Repair	Roof	78.95%	X	$707,618	$643,494	$43,999	$599,495	$728,501	$473,301	ARP FY16	$255,200
2	201500610310	City of Chicopee	Fairview Elementary School	Accelerated Repair	Roof	78.95%	X	$2,033,268	$1,653,478	$2,833	$1,650,645	$2,281,123	$1,303,184	ARP FY16	$977,939
3	201601070505	City of Gloucester	Gloucester High School	Accelerated Repair	Roof	58.19%	X	$4,085,507	$4,044,090	$1,370,312	$2,673,778	$2,068,718	$1,555,871	ARP FY17	$512,847
4	201401440015	Ipswich Public Schools	Winthrop Elementary School	Core Program	New Construction	45.74%	N/A	$945,000	$1,346,819	$110,163	$1,236,656	$567,555	$565,646	FY 18	$1,909
5	201101850090	Milford Public Schools	Woodland Elementary School	Core Program	New Construction	59.94%	X	$60,893,257	$59,513,397	$13,975,753	$45,537,644	$28,082,547	$27,295,264	FY 14	$787,283
6	201602100005	City of Northampton	Bridge Street Elementary School	Accelerated Repair	Roof	54.79%	X	$1,483,990	$1,296,355	$211,409	$1,084,946	$839,087	$594,442	ARP FY17	$244,645
7	201602100025	City of Northampton	Leeds Elementary School	Accelerated Repair	Roof	54.79%	X	$1,522,908	$1,381,876	$227,218	$1,154,658	$893,392	$632,637	ARP FY17	$260,755
8	201607780005	Quaboag Regional School District	Warren Elementary School	Accelerated Repair	Windows / Doors	71.17%	X	$1,048,662	$943,608	$60,108	$883,500	$716,811	$628,787	ARP FY17	$88,024
9	201502480056	City of Revere	Garfield Elementary School	Accelerated Repair	Roof	77.47%	X	$7,897,479	$7,897,419	$697,578	$7,199,841	$5,740,971	$5,577,717	ARP FY16	$163,254
10	201502810035	City of Springfield	Daniel B Brunton Elementary School	Accelerated Repair	Windows / Doors	80.00%	X	$2,662,470	$2,172,843	$76,346	$2,096,497	$2,108,776	$1,677,198	ARP FY16	$431,578
11	201502810155	City of Springfield	Mary M Walsh Elementary School	Accelerated Repair	Windows / Doors	80.00%	X	$2,646,869	$1,814,423	$53,469	$1,760,954	$2,103,895	$1,408,763	ARP FY16	$695,132
12	201502810550	City of Springfield	Public Day High School	Accelerated Repair	Windows / Doors	80.00%	X	$1,690,808	$1,489,040	$67,805	$1,421,235	$1,318,741	$1,136,988	ARP FY16	$181,753
13	201502810350	City of Springfield	STEM Middle Academy School	Accelerated Repair	Roof	80.00%	X	$2,103,396	$1,673,181	$365,855	$1,307,326	$1,673,165	$1,045,861	ARP FY16	$627,304
14	200907750305	Wachusett Regional School District	Mountview Middle School	Core Program	New Construction	57.93%	X	$53,135,822	$44,858,884	$3,367,185	$41,491,699	$27,375,945	$24,036,141	FY 13	$3,339,804
15	201503140305	Watertown Public Schools	Watertown Middle School	Accelerated Repair	Windows / Doors	48.47%	X	$3,313,291	$2,360,768	$208,295	$2,152,473	$1,605,952	$1,043,304	ARP FY16	$562,648
16	201003230505	West Bridgewater Public Schools	West Bridgewater Jr-Sr High School	Core Program	New Construction	54.16%	X	$63,103,416	$60,285,700	$11,180,072	$49,105,628	$29,344,775	$26,595,608	FY 13	$2,749,167
17	201703260004	Westford Public Schools	Abbot Elementary School	Accelerated Repair	Roof	44.48%	X	$3,066,442	$2,329,563	$241,155	$2,088,408	$1,119,772	$928,924	ARP FY18	$190,848
18	201203480200	City of Worcester	Nelson Place Elementary School	Core Program	New Construction	80.00%	X	$57,739,737	$52,026,888	$11,379,028	$40,647,860	$34,763,483	$32,518,288	FY 15	$2,245,195
						TOTAL		$270,079,940	$247,731,826	$43,638,583	$204,093,243	$143,333,209	$129,017,924		$14,315,284



MSBA Updates

- **Executive Director's Report**
- Project Status Updates
  - Project Overview Report

Project Visits and Local Votes

- Since the August 28 Board meeting, the MSBA has visited 18 projects.
- 7 Districts have voted affirmatively to appropriate feasibility study funds as of October 25, 2019.

Project Visits		Local Votes	
Blue Hills Boston Braintree Cape Cod Fall River Harvard Lexington Ludlow Marlborough	Middleborough Millis Natick Saugus Shrewsbury Somerville Taunton Triton Worcester	**Feasibility Study Funds** Norwood Peabody Westfield	**Full Project Funds** Amesbury Bridgewater-Raynham Waltham West Springfield

Project Visits

Upcoming site visits anticipated in November and December:

Project Visits	
Blue Hills Boston Braintree Cape Cod Fall River Harvard Lexington Ludlow Marlborough	Middleborough Millis Natick Saugus Shrewsbury Somerville Taunton Worcester

Project Milestone Ceremonies

Groundbreaking Ceremonies

- Brightwood-Lincoln Elementary School – Springfield
- Bristol County Agricultural High School
- Attleboro High School
- Ivan G. Smith Elementary School – Danvers



Topping Off Ceremonies

- South High Community School – Worcester
- JFK Middle School – Natick



Project Milestone Ceremonies

Ribbon Cuttings

- Cabot Elementary School – Newton
- Mount Greylock Regional High School
- Minuteman Regional Vocational Technical High School
- Sunita L. Williams Elementary School – Needham









Outreach



Story of a Building – Scituate, MA

- Municipal Finance Educational Training
- Story of a Building – Gates Middle School (Scituate)
- OPM/Designer Roundtable



MSBA Updates

- Executive Director's Report
- **Project Status Updates**
  - **Project Overview Report**

Project Update | Blackstone-Millville

Update on Project Funding Agreement Authorization - ARP

- MSBA authorization to execute a Project Funding Agreement in June 2019
- The District sought an additional 60 days to appropriate Total Project Budget funding
    - 150 days total to appropriate

Subsequent to the June 26, 2019 Board of Directors Meeting, the Blackstone-Millville Regional School District requested additional days beyond the requisite 90 days to receive appropriations for its project. Staff supports an extension beyond the 90 day deadline for the Regional District to secure funding for its Project Funding Agreement.

Project Update | Newton

Update on Project Funding Agreement Authorization - ARP

- MSBA authorization to execute a Project Funding Agreement in April 2019
- The District sought an additional 120 days to appropriate Total Project Budget funding
    - 210 days total to appropriate

Subsequent to the April 10, 2019 Board of Directors Meeting, the City of Newton requested additional days beyond the requisite 90 days to receive appropriations for its project. Staff supports an extension beyond the 90 day deadline for the City to secure funding for its Project Funding Agreement.

Project Update | Monson

Update on Initial Document Completion - ARP

- MSBA authorization for invitation to the Accelerated Repair Program in June 2019
- The District is seeking an additional 45 days to appropriate Schematic Design funding
    - 135 days total to appropriate

Subsequent to the June 26, 2019 Board of Directors Meeting, the Town of Monson requested additional days beyond the requisite 90 days to receive appropriations for its project. Staff supports an extension beyond the 90 day deadline for the Town to secure funding for its Schematic Design.

Core Program - Bid Summary

Year	Number of Projects	Design Basis for Enrollment	Project Budget	Construction Budget
2019	23	21,110	$2.67 billion	$2.16 billion
2020	14	13,000	$1.66 billion	$1.33 billion
2021	4	5,170	$0.54 billion	$0.43 billion
Totals	**41**	**39,280**	**$4.86 billion**	**$3.92 billion**

Note: These numbers are based on preliminary information received from the District and are subject to further review and calculation. Data is shown only for projects which have prior Project Scope and Budget Agreement approval by the Board.

Core Program - Anticipated Bids

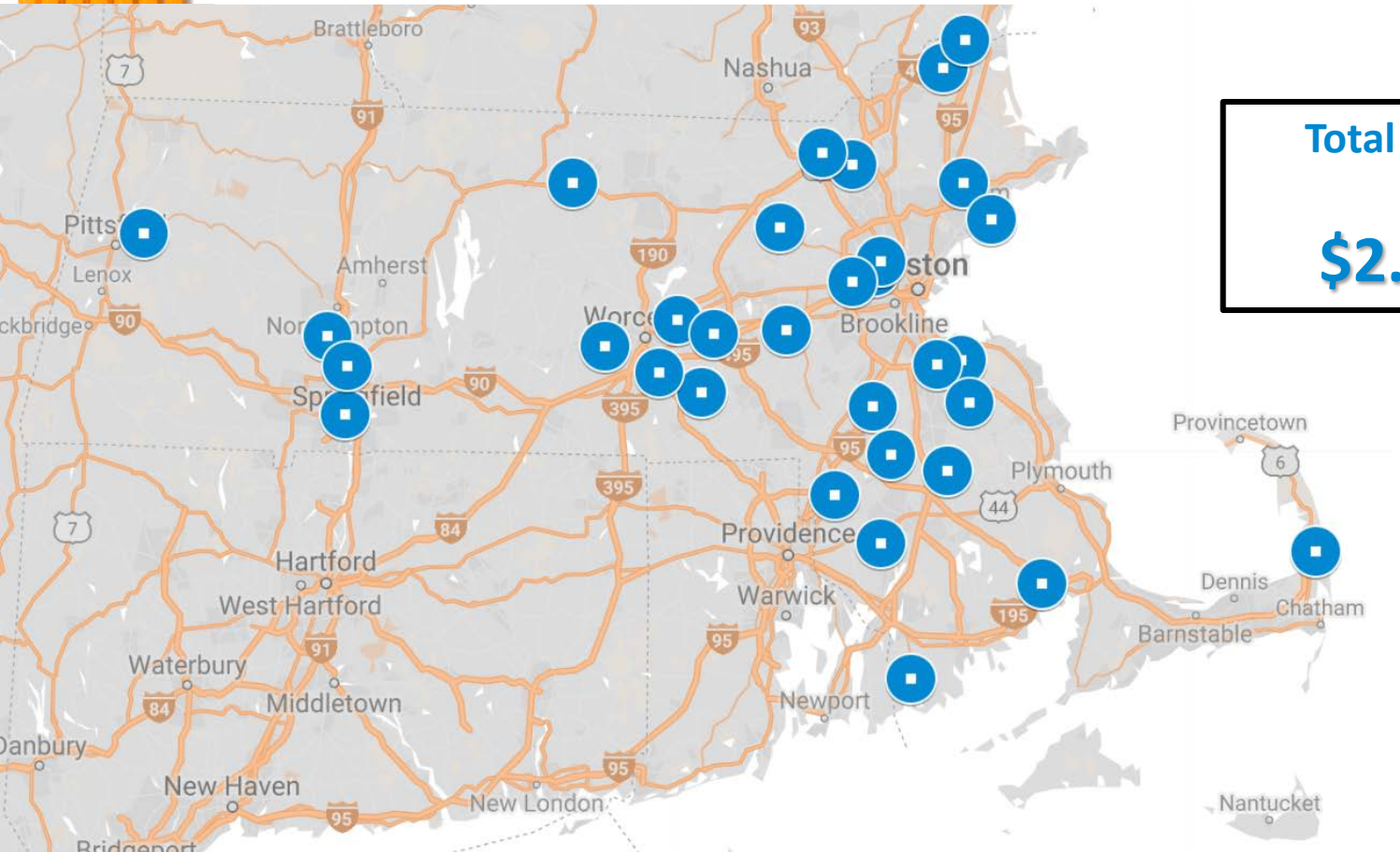
Anticipated Sub-Bids in November, December, and January:

- November – Attleboro (CMR), Bristol County Agricultural (CMR), Easthampton (DBB), Northbridge (CMR), Shrewsbury (CMR), Westport (CMR)
- December – Danvers (CMR), Framingham (CMR)
- January – Wareham (DBB)

Anticipated DBB Bids or GMP Executions in November, December, and January:

- November – Bristol County Agricultural (CMR), Easthampton (DBB), Manchester Essex Regional School District (CMR), Shrewsbury (CMR), Somerville (CMR), Westport (CMR)
- December – Boston (CMR), Danvers (CMR), Fall River (CMR), Northbridge (CMR)
- January – Framingham (CMR)

MSBA Bids 2019 - 2021



Total Construction Budget

$2.5 Billion

MSBA Bids 2019 (October - December)



$90.1



$74.4

$78.3

$42.2







$79.7

$223.4



$84.1



$79.9



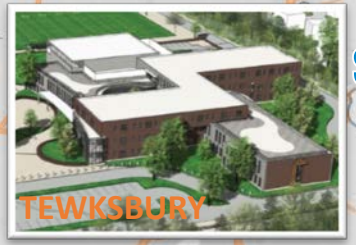
Total Construction Budget

$752.2 Million

MSBA Bids 2020 (January-June)

$59.8





$77.7

$118.8



$237.1

$45.8





$72.1



Total Construction Budget

$611.2 Million

MSBA Bids 2020 (July- December)



GARDNER

$70.9

$49.0



AMESBURY

$44.0



WEST SPRINGFIELD

$54.7



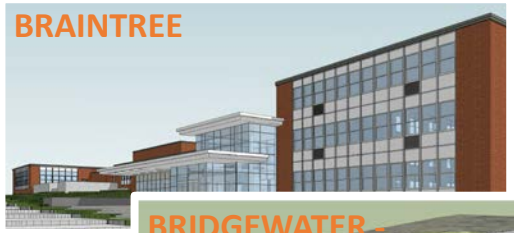
$235.8

$69.2

$128.6



MARBLEHEAD



BRAINTREE

$64.7



WEYMOUTH



BRIDGEWATER - RAYNHAM

Total Construction Budget

$716.9 Million

MSBA Bids 2021



$50.4

$55.9

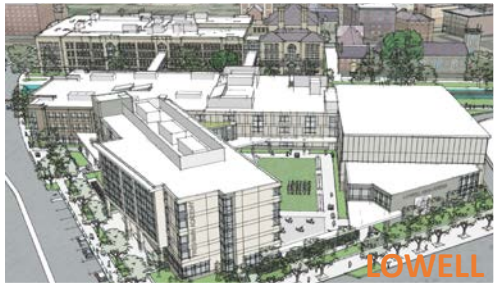




$49.3

ACTON - BOXBOROUGH

$271.2



WALTHAM

LEICESTER

ROCKLAND

EASTON

NAUSET

Total Construction Budget

$426.8 Million

Core Program – Bid Results

- Of the 23 projects scheduled to receive sub-bids in 2019, ten have reported DBB bids or GMP executions to date.
- Ten reported bids came in within the estimated budget.

District	School	Scope	Project Type	Bid Date	Construction Estimate *	Bid Amount *	Variance from Construction Estimate	Reim. Rate	Potential Grant Variance **
Lexington	Maria Hastings	New	CMR	1/9/2019	$53,143,418	$53,094,418	-$49,000	35.79%	-$17,537
Taunton	Mulcahey ES	New	DBB	1/25/2019	$50,074,205	$42,460,700	-$7,613,505	80.00%	-$6,090,804
Middleborough	Middleborough HS	New	DBB	2/8/2019	$83,582,398	$79,461,000	-$4,121,398	61.29%	-$2,526,005
Natick	J F Kennedy MS	New	DBB	3/6/2019	$87,559,890	$79,110,300	-$8,449,590	48.21%	-$4,073,547
Saugus	Saugus HS	New	CMR	3/28/2019	$128,085,356	$127,984,618	-$100,738	57.72%	-$58,146
Ludlow	Chapin Street ES	New	DBB	5/14/2019	$45,754,614	$40,305,929	-$5,448,685	61.57%	-$3,354,755
Worcester	South High Comm.	New	CMR	5/28/2019	$173,111,181	$171,995,000	-$1,116,181	80.00%	-$892,945
Harvard	Hildreth ES	New	CMR	7/18/2019	$43,218,281	$43,214,978	-$3,303	50.68%	-$1,674

*The construction estimate and bid amount include pre-construction services and alternates.
**These numbers are based on preliminary information received from the district and are subject to further review and calculation.

Core Program – Bid Results

- Of the 23 projects scheduled to receive sub-bids in 2019, ten have reported DBB bids or GMP executions to date.
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District	School	Scope	Project Type	Bid Date	Construction Estimate *	Bid Amount *	Variance from Construction Estimate	Reim. Rate	Potential Grant Variance **
Foxborough	Mabelle M. Burrell ES	Add/Reno	DBB	9/20/19	$27,057,700	$25,900,000	-$1,157,700	56.01%	-$648,248
Springfield	Brightwood ES	New	CMR	9/17/19	$67,114,296	$65,536,531	-$1,577,765	80.00%	-$1,262,212
				Total	**$758,701,339**	**$729,063,474**	**-$29,637,865**	**-**	**-$18,926,053**

*The construction estimate and bid amount include pre-construction services and alternates.
**These numbers are based on preliminary information received from the district and are subject to further review and calculation.

Accelerated Repair – Bid Summary

2017 Accelerated Repair Program

- 26 of the 33 reported projects bid within the estimated budget
- Remaining one project is anticipated to bid by the February 2020 Board of Directors meeting

2018 Accelerated Repair Program

- 10 of the 12 reported projects bid within the estimated budget
- Additional 5 projects are anticipated to bid by the December Board of Directors meeting