

Massachusetts School Building Authority

Deborah B. Goldberg, State Treasurer and Receiver-General

Chairperson

James MacDonald

Chief Executive Officer

Jack McCarthy

Executive Director



Board Meeting

June 27, 2018



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Project Votes



Project Removal from Capital Pipeline |

Vote

District	School	Invitation Date
Ipswich	Winthrop Elementary School	June 4, 2014
Tisbury	Tisbury Elementary School	January 27, 2016



Project Removal from Accelerated Repair Program | **Vote**

District	School	Invitation Date
Grafton	North Street Elementary School	May 12, 2017



Invitation to Accelerated Repair Program |

Vote

District	School
Blackstone-Millville Regional School District	Millville Elementary School
Boston	James Otis Elementary School
	John D. O'Bryant School of Mathematics and Science
	Muriel S. Snowden International School at Copley
	Josiah Quincy Elementary School
	Rafael Hernández K-8 School
	Donald McKay K-8 School
	Patrick Lyndon K-8 School
Bourne	Bourne High School
Cambridge	Graham and Parks School
Danvers	Highlands Elementary School
East Longmeadow	Meadow Brook Elementary School



Invitation to Accelerated Repair Program

Cont. | **Vote**

District	School
Fall River	Westall Elementary School
	Resiliency Preparatory Academy
Lynn	Lynn Vocational Technical Institute
Nashoba Valley Technical School District	Nashoba Valley Technical High School
New Bedford	John A. Parker Elementary School
	Trinity Day Academy
New Salem-Wendell Regional School District	Swift River School
Newton	F.A. Day Middle School
	Bigelow Middle School
Norfolk	H. Olive Day School
Norfolk County Agricultural School District	Norfolk County Agricultural High School
Quaboag Regional School District	West Brookfield Elementary School



Invitation to Accelerated Repair Program

Cont. | **Vote**

District	School
Springfield	Milton Bradley School
	Springfield High School of Science and Technology
Swansea	Joseph Case High School
Tantasqua Regional School District	Tantasqua Regional Junior High School
Taunton	Taunton Alternative High School
Ware	Ware Middle School
	Stanley M. Koziol Elementary School
West Bridgewater	Howard Elementary School
Westborough	Elsie A. Hastings Elementary School
Worcester	Challenge and Reach Academy



Authorization to Execute PFA - ARP | **Vote**

District	School	Scope	Total Project Budget	Estimated Maximum Total Facilities Grant
Blackstone-Millville Regional School District	John F. Kennedy Elementary School	Partial Window/Door; Boiler	\$4,611,588	\$2,526,933
Boston	John Marshall Elementary School	Window/Door	\$5,429,304	\$3,195,004
East Bridgewater	Central Elementary School	Boiler	\$1,540,910	\$829,054
Fall River	James Tansey Elementary School	Window/Door; Partial Boiler	\$2,970,496	\$2,010,223
	Samuel Watson Elementary School	Roof; Window/Door; Partial Boiler	\$10,202,644	\$4,011,560
Lawrence	School for Exceptional Studies	Roof	\$4,500,000	\$3,134,072



Authorization to Execute PFA - ARP Cont.

| Vote

District	School	Scope	Total Project Budget	Estimated Maximum Total Facilities Grant
Mansfield*	Mansfield High School	Partial Window/Door	\$1,880,090	\$861,077
Norton	Henri A. Yelle Elementary School	Window/Door	\$3,901,303	\$2,070,041
	J.C. Solmonese Elementary School	Window/Door	\$2,363,618	\$1,243,728
	L.G. Nourse Elementary School	Window/Door	\$2,146,006	\$1,125,684
Total			\$39,545,959	\$21,007,376

*The Town of Mansfield seeks additional time to proceed with a debt-exclusion ballot vote on November 12, 2018. Staff supports an extension beyond the 90-day deadline to November 12, 2018 in furtherance of the Town's efforts to secure its funding for the proposed project.



Project Update | Seekonk

Update on Project Funding Agreement Authorization- ARP

- MSBA authorization to execute a Project Funding Agreement in April 2018
- The District is seeking an additional 30 days to appropriate Total Project Budget funding (120 days total)

Subsequent to the April 10, 2018 Board of Directors Meeting, the Town of Seekonk has requested additional days beyond the requisite 90 days to receive appropriations for its project. Staff supports an extension beyond the 120 day deadline for the Town to secure funding for their Project Funding Agreement.



Preferred Schematic Design | **Vote**

District	School	Project Scope	Estimated Total Construction	Estimated Total Project Cost
Belmont	Belmont High School	Add/Reno	\$237,594,715	\$295,824,264
Dennis-Yarmouth Regional School District	Mattacheese Middle School	New	\$87,140,216	\$112,859,471
Framingham	Fuller Middle School	New	\$86,977,969	\$110,556,454
Lowell	Lowell High School	Add/Reno	\$270,456,023	\$345,399,220
Shrewsbury	Beal Early Childhood Center	New	\$74,969,051	\$94,440,597
Wareham	Minot Forest Elementary School	New	\$71,286,227	\$90,254,704
Totals			\$828,424,201	\$1,049,334,710



Preferred Schematic Design | Belmont

Belmont High School

- Year Opened: 1970
- Current Grade Configuration: 9-12
- Agreed Upon Grade Configuration: 7-12
- Agreed Upon Enrollment: 2,215 students
- Proposed Scope of Project: Addition/Renovation
- Existing Square Footage: 257,120 GSF
- Proposed Square Footage: 445,100 GSF
- Estimated Total Construction Cost of Preferred Schematic: \$237,594,715



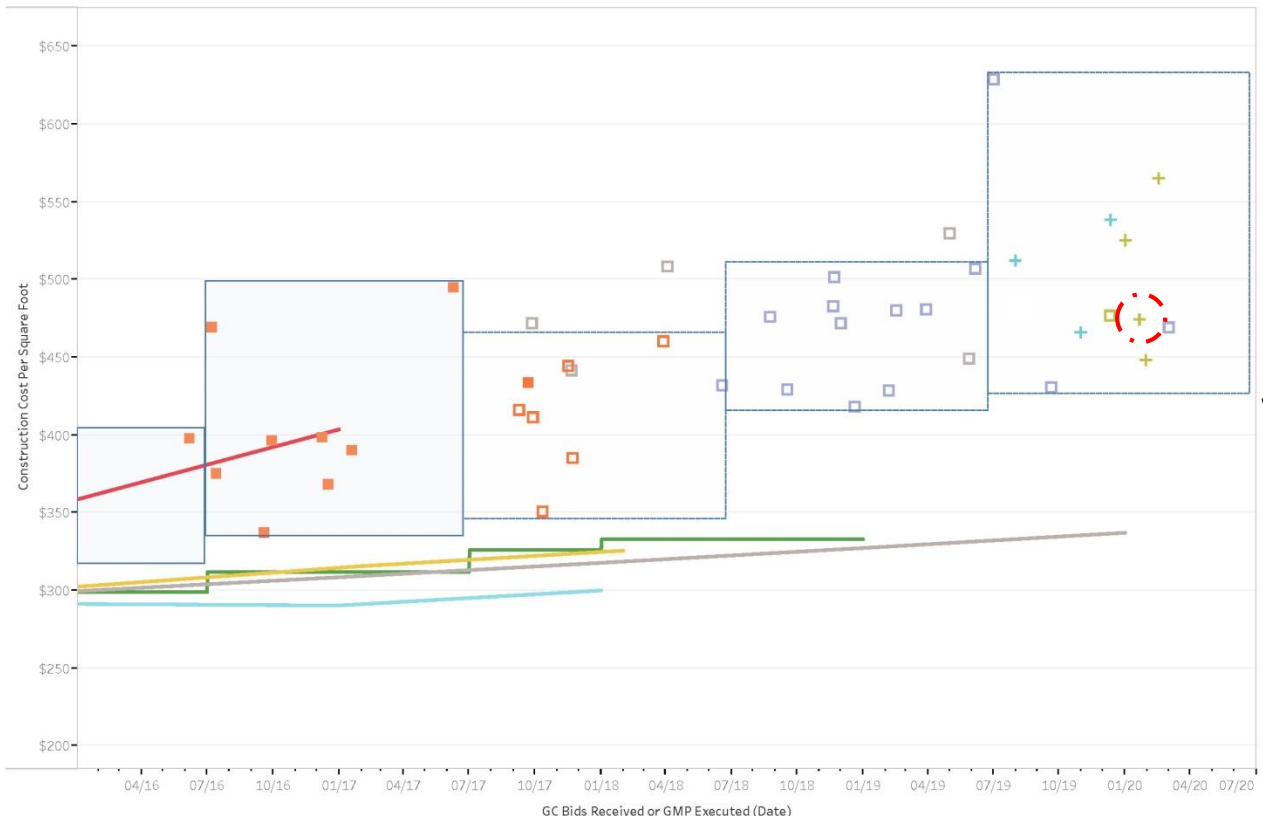
Mattacheese Middle School

- Year Opened: 1969
- Current Grade Configuration: 6-7
- Agreed Upon Grade Configuration: 4-7
- Agreed Upon Enrollment: 940 students
- Proposed Scope of Project: New Construction on the Station Avenue site
- Existing Square Footage: 156,600 GSF
- Proposed Square Footage: 183,700 GSF
- Estimated Total Construction Cost of Preferred Schematic: \$87,140,216



Preferred Schematic Design | Dennis-Yarmouth Regional School District

School Construction Costs Compared to Common Economic Indicators



- Legend**
- PFA Amended ■
 - BID □
 - SD □
 - SD-Vote □
 - PSR +
 - PSR-Vote +
 - Vote Failed □
 - 3% Escalation —
 - Average —
 - BLS PPI —
 - RLB Comparative Cost - Boston —

Mattacheese Middle School



Preferred Schematic Design | Framingham

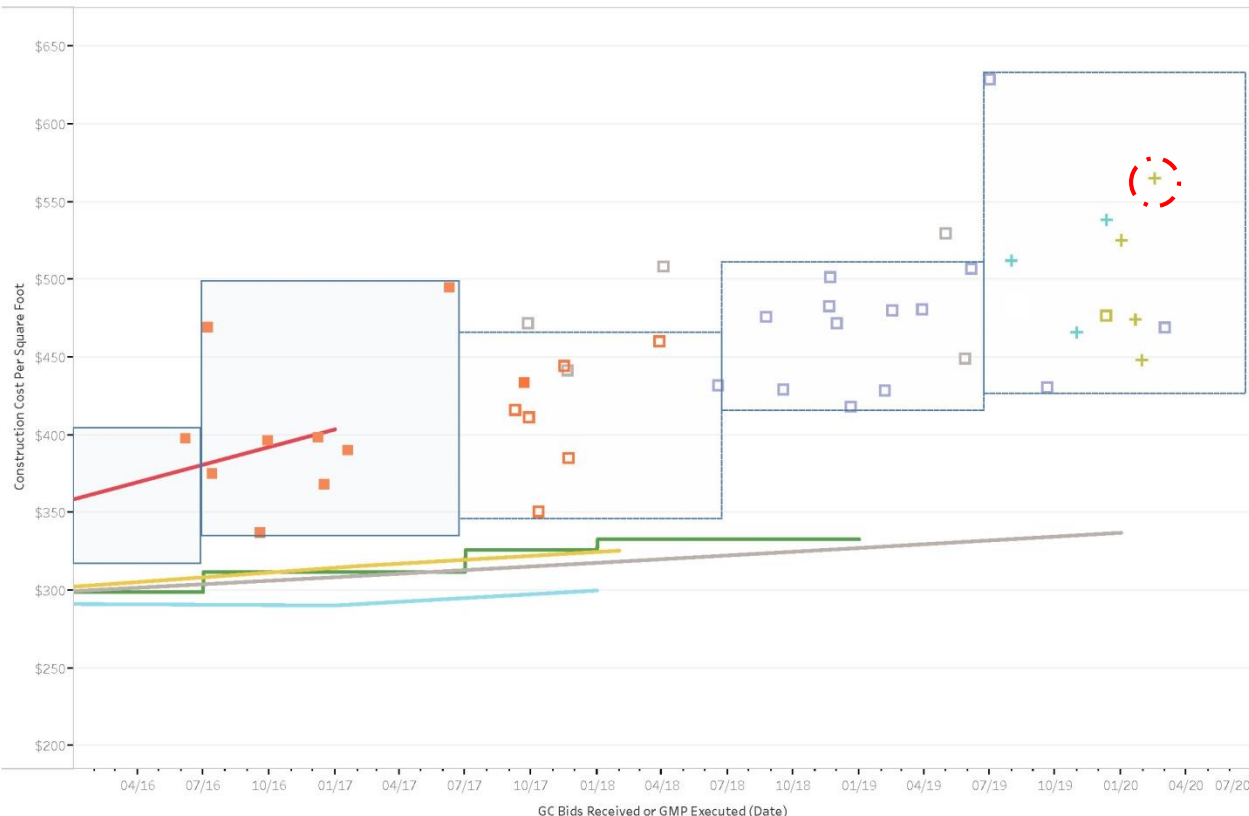
Fuller Middle School

- Year Opened: 1958
- Current Grade Configuration: 6-8
- Agreed Upon Grade Configuration: 6-8
- Agreed Upon Enrollment: 630 students
- Proposed Scope of Project: New Construction on existing site
- Existing Square Footage: 196,000 GSF
- Proposed Square Footage: 153,905 GSF
- Estimated Total Construction Cost of Preferred Schematic: \$86,977,969



Preferred Schematic Design | Framingham

School Construction Costs Compared to Common Economic Indicators



- Legend**
- PFA Amended ■
 - BID □
 - SD □
 - SD-Vote □
 - PSR +
 - PSR-Vote +
 - Vote Failed □
 - 3% Escalation —
 - Average —
 - BLS PPI —
 - RLB Comparative Cost - Boston —

Fuller Middle School



Preferred Schematic Design | Lowell

Lowell High School

- Year Opened: 1892
- Current Grade Configuration: 9-12
- Agreed Upon Grade Configuration: 9-12
- Agreed Upon Enrollment: 3,520 students
- Proposed Scope of Project: Addition/Renovation on existing and expanded site
- Existing Square Footage: 628,000 GSF
- Proposed Square Footage: 622,200 GSF
- Estimated Total Construction Cost of Preferred Schematic: \$270,456,023



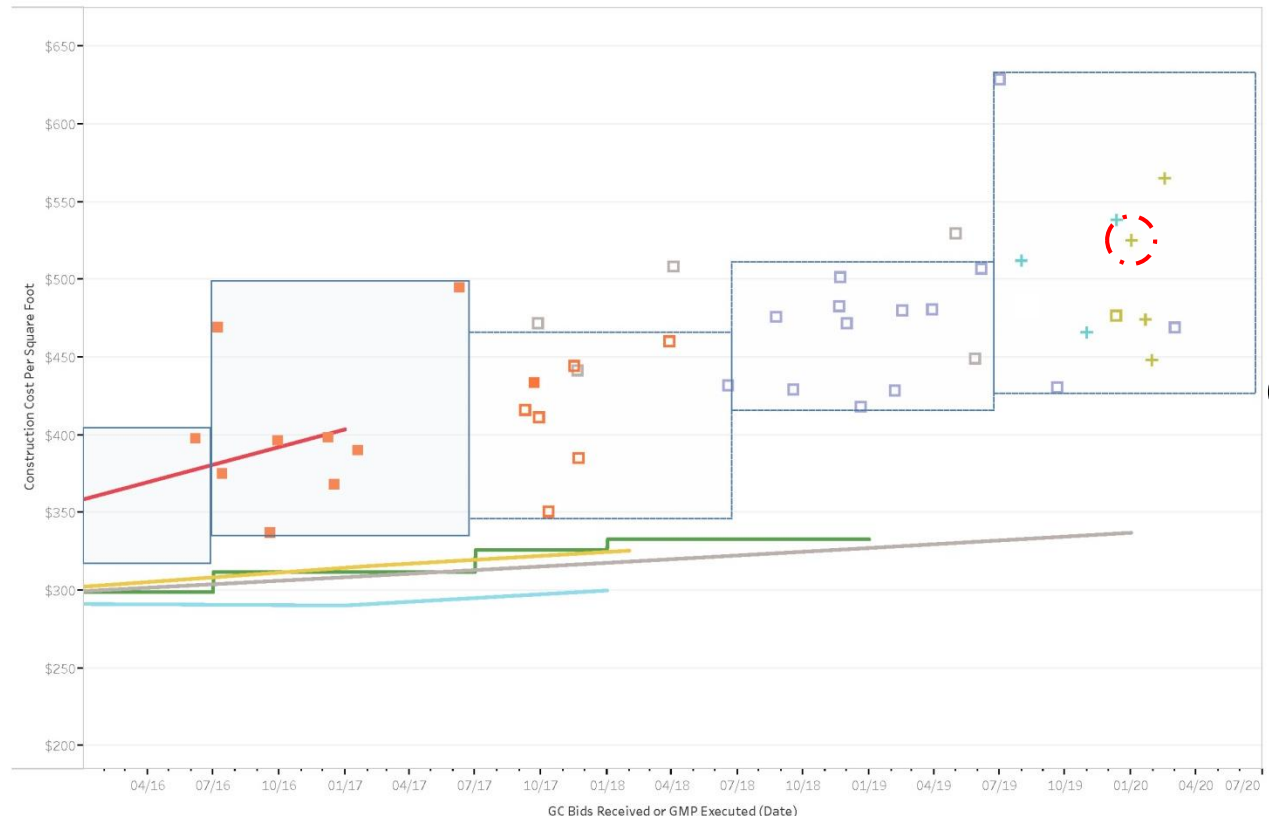
Beal Early Childhood Center

- Year Opened: 1922
- Current Grade Configuration: K-1
- Agreed Upon Grade Configuration: K-4
- Agreed Upon Enrollment: 790 students
- Proposed Scope of Project: New Construction on the Glavin Center site
- Existing Square Footage: 32,100 GSF
- Proposed Square Footage: 142,736 GSF
- Estimated Total Construction Cost of Preferred Schematic: \$74,969,051



Preferred Schematic Design | Shrewsbury

School Construction Costs Compared to Common Economic Indicators



- Legend**
- PFA Amended
 - BID
 - SD
 - SD-Vote
 - PSR
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Beal Early Childhood Center



Preferred Schematic Design | Wareham

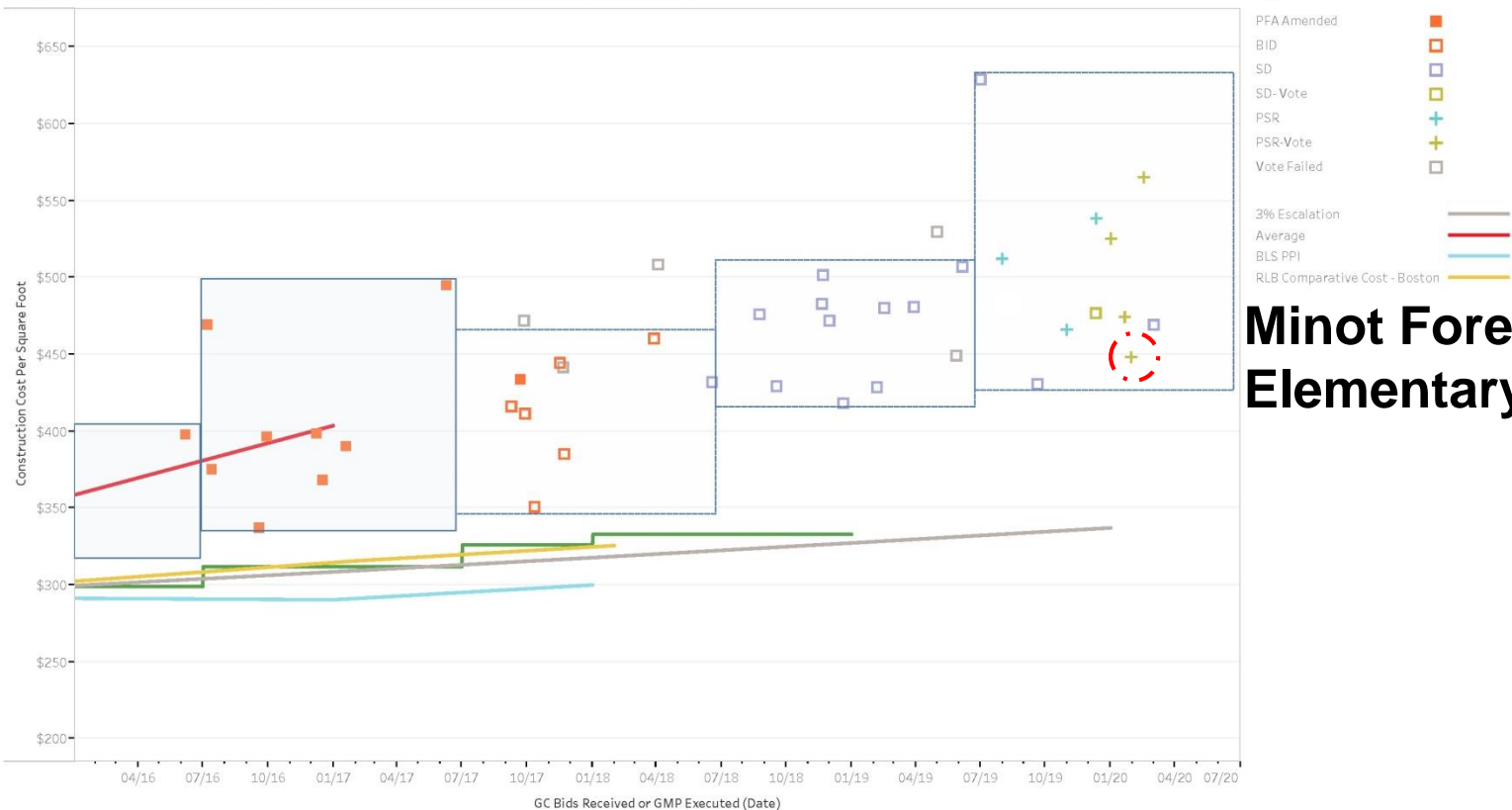
Minot Forest Elementary School

- Year Opened: 1966
- Current Grade Configuration: PK; 3-4
- Agreed Upon Grade Configuration: PK-4
- Agreed Upon Enrollment: 1,020 students
- Proposed Scope of Project: New Construction on the existing site
- Existing Square Footage: 63,515 GSF
- Proposed Square Footage: 159,100 GSF
- Estimated Total Construction Cost of Preferred Schematic: \$71,286,227



Preferred Schematic Design | Wareham

School Construction Costs Compared to Common Economic Indicators



Minot Forest Elementary School



Project Scope and Budget | **Vote**

District	School	Project Scope	Total Project Budget	Estimated Maximum Total Facilities Grant
Bristol County Agricultural Regional School District	Bristol County Agricultural High School	Add/Reno	\$103,750,000	\$51,428,124
Northbridge	W. Edward Balmer Elementary School	New	\$100,968,194	\$46,043,257
Total			\$204,718,194	\$97,471,381



Project Scope and Budget | Bristol County Agricultural Regional School District

Bristol County Agricultural High School

- Year Opened: 1935
- Current Grade Configuration: 9-12
- Agreed Upon Grade Configuration: 9-12
- Agreed Upon Enrollment: 640 students
- Scope of Project: Additions/Renovations and New Construction of various buildings on campus
- Existing Square Footage: 224,237 GSF
- Proposed Square Footage: 196,151 GSF
- District Total Project Budget: \$103,750,000
- Estimated Basis Total Facilities Grant: \$81,322,144
- Reimbursement Rate*: 63.24%
- Estimated Maximum Total Facilities Grant: \$51,428,124

**Subject to the approval of the Office of the Inspector General for the District's use of the Construction Manager at Risk construction delivery method for the Proposed Project and the District's intention to actually use that construction delivery method for the Proposed Project, the MSBA has provisionally included one (1) incentive point. In addition, subject to the District's intention to meet certain energy efficiency sustainability requirements for the Proposed Project, the MSBA has also provisionally included two (2) incentive points. If the District does not ultimately qualify for some or all of these incentive points the MSBA will adjust the District's reimbursement rate, accordingly.*



Project Scope and Budget | Northbridge

W. Edward Balmer Elementary School

- Year Opened: 1968
- Current Grade Configuration: 2-4
- Agreed Upon Grade Configuration: PK-5
- Agreed Upon Enrollment: 1,030 students
- Scope of Project: New Construction on the existing site
- Existing Square Footage: 70,857 GSF
- Proposed Square Footage: 167,352 GSF
- District Total Project Budget: \$100,968,194
- Estimated Basis Total Facilities Grant: \$72,190,744
- Reimbursement Rate*: 63.78%
- Estimated Maximum Total Facilities Grant: \$46,043,257

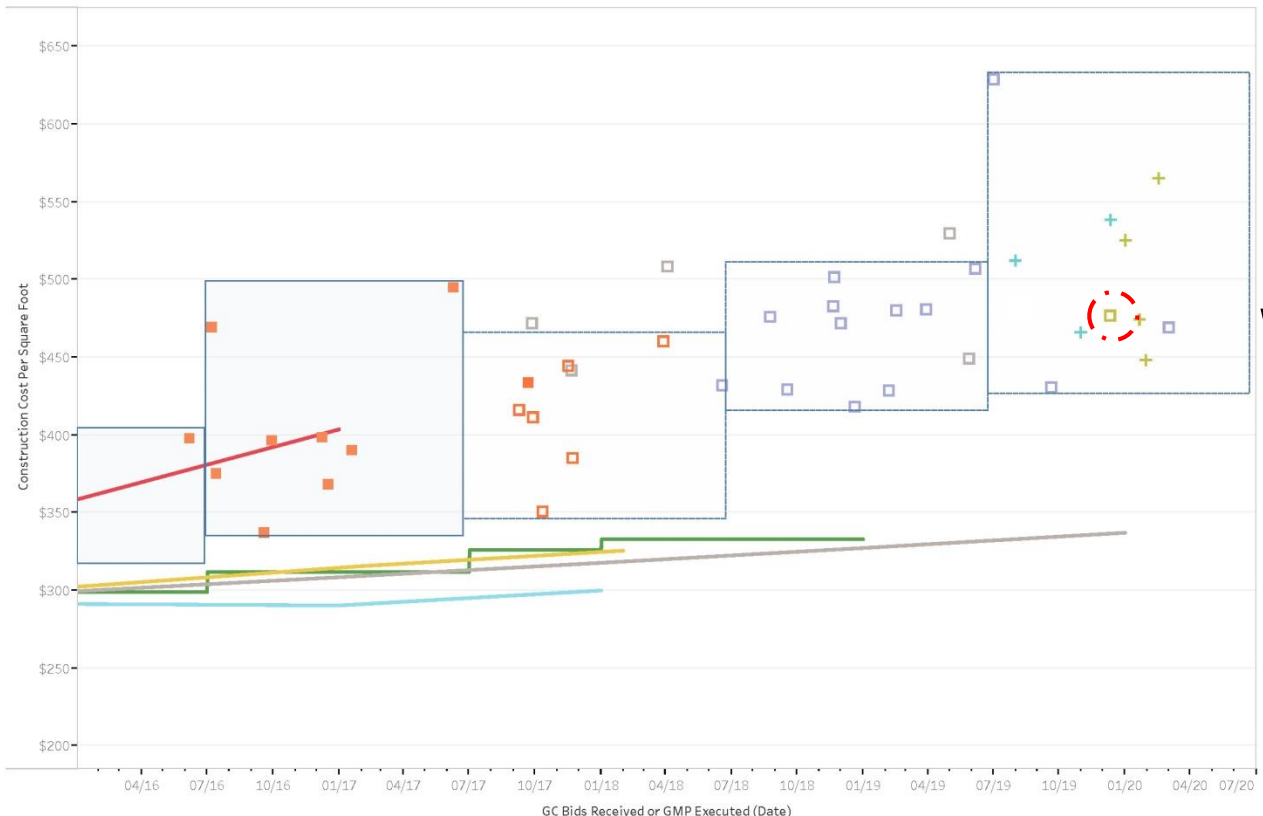
The Town of Northbridge seeks additional time to proceed with a debt-exclusion ballot vote on November 6, 2018. Staff supports an extension beyond the 120-day deadline to November 6, 2018 in furtherance of the Town's efforts to secure its funding for the proposed project.

**Subject to the approval of the Office of the Inspector General for the District's use of the Construction Manager at Risk construction delivery method for the Proposed Project and the District's intention to actually use that construction delivery method for the Proposed Project, the MSBA has provisionally included one (1) incentive point. In addition, subject to the District's intention to meet certain energy efficiency sustainability requirements for the Proposed Project, the MSBA has also provisionally included two (2) incentive points. If the District does not ultimately qualify for some or all of these incentive points the MSBA will adjust the District's reimbursement rate, accordingly.*



Project Scope and Budget | Northbridge

School Construction Costs Compared to Common Economic Indicators



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W. Edward Balmer Elementary School



Audit Update

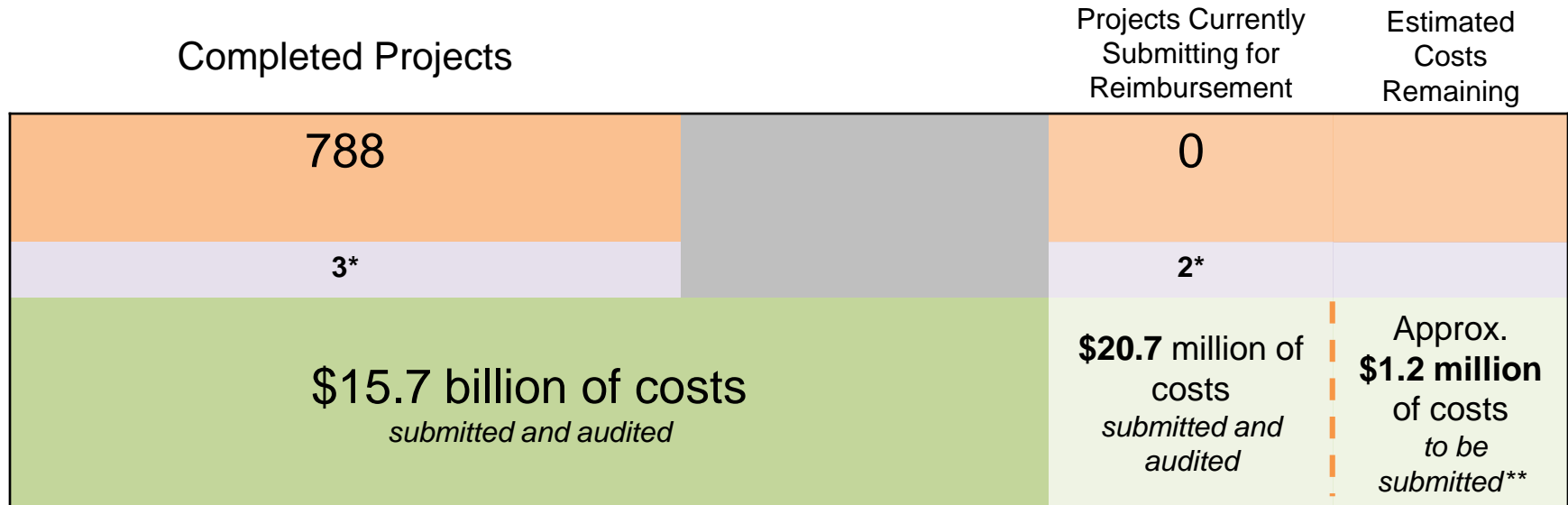
- **Audit Status Report**
- Approval of Final Audits with no appeals, Capital Pipeline Program MSBA grants | Vote



Audit Status Update

Former Program

■ Today's Vote



* Grant Conversion

** Estimated based on Total Project Budgets from executed funding and submitted costs as of June 15, 2018.



Audit Status Update

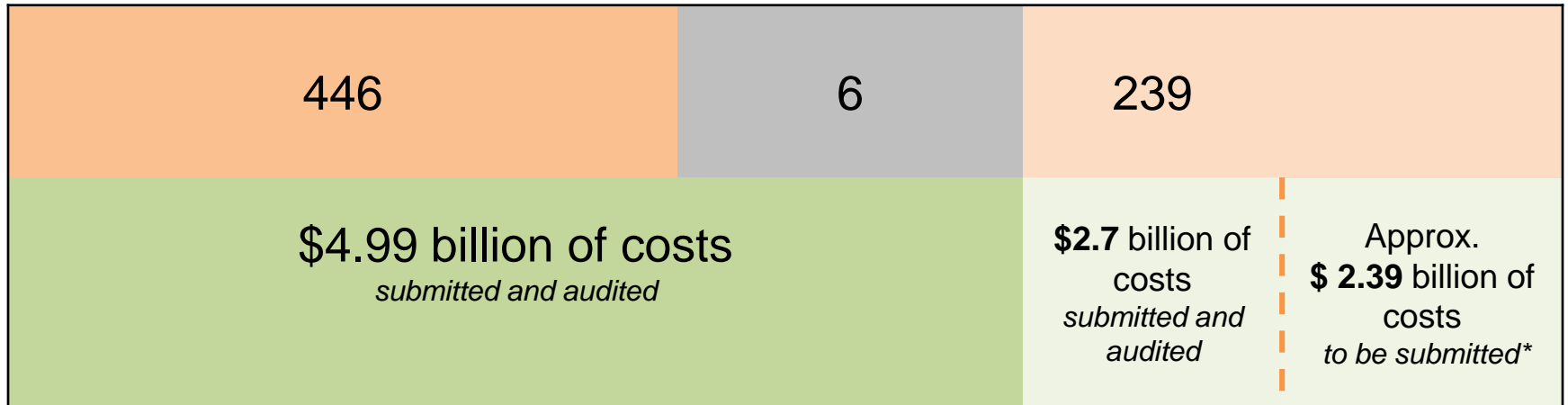
Capital Pipeline Program

■ Today's Vote

Completed Projects

Projects
Currently Have
Executed FSA
and PFA

Estimated Costs
Remaining



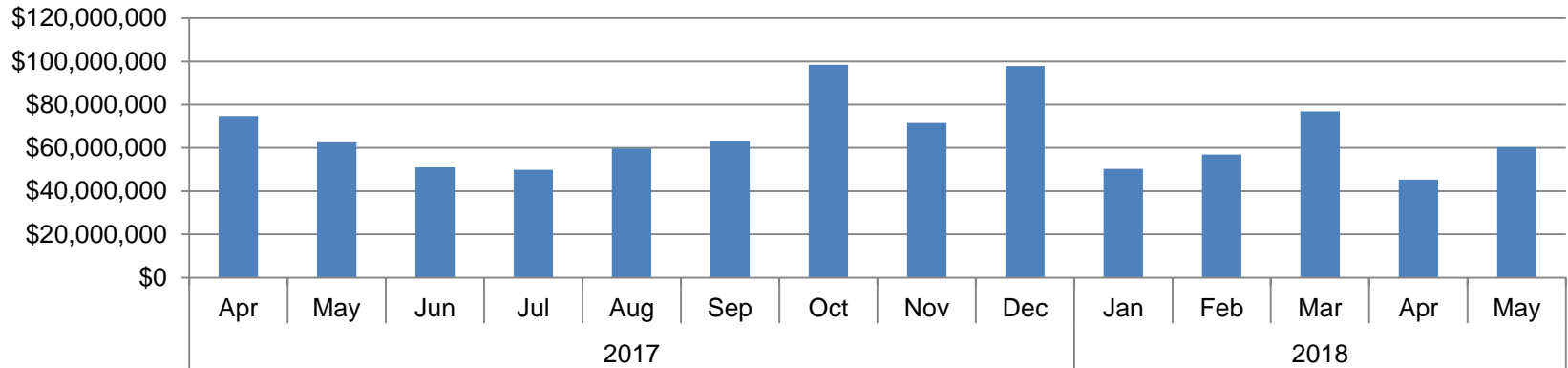
*Estimated based on Total Project Budgets from executed funding agreements and submitted costs as of April 6, 2018.



Capital Pipeline Program | Monthly Audited Project Costs

- Rolling 12 month submitted costs monthly average of \$65.1 million
- Total 12 Month Audited Costs = \$782 million

Capital Pipeline Program Monthly Audited Project Costs





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: June 27, 2018 Approval of Final Audits

	MSBA ID	District Name	School Name	Project Scope	MSBA CX	Reimb. Rate	Total Project Budget	Final Costs Submitted	Basis for Final Total Facilities Grant	Authorized Grant for Cap Reconciliation	Final Total Facilities Grant	Grant Reconciliation FY	Additional Savings in Final Audit Grant for Cap Reconciliation
1	200800090003	Andover	Bancroft Elementary School	New Construction	X	44.00%	\$50,299,859	\$49,009,860	\$35,993,637	\$16,773,753	\$15,837,200	FY 11	\$936,553
2	201400440080	Brockton	Barrett Russell Elementary School	Windows / Doors	X	78.95%	\$2,029,821	\$1,524,095	\$1,400,080	\$1,582,407	\$1,105,363	ARP FY 15	\$477,044
3	201400630010	Clarksburg	Clarksburg Elementary School	Addition / Renovation	N/A	61.95%	\$295,000 (a)	\$285,596	\$285,552	\$182,752	\$176,899	FY 16	\$5,853
4	201400960405	Falmouth	Lawrence Middle School	Windows / Doors	X	37.95%	\$3,947,636	\$3,268,726	\$3,156,142	\$1,497,748	\$1,197,756	ARP FY 15	\$299,992
5	201501530025	Leominster	Johnny Appleseed Elementary School	Roof, Windows / Doors	X	72.59%	\$3,878,682	\$1,928,924	\$1,817,114	\$2,671,116	\$1,319,043	ARP FY 16	\$1,352,073
6	201107660505	Southwick-Tolland-Granville	Southwick-Tolland Regional High School	Addition / Renovation	X	66.53%	\$36,032,893	\$33,523,266	\$29,484,870	\$26,854,674	\$19,616,284	FY 12	\$7,238,390
						TOTAL	\$96,483,891	\$89,540,467	\$72,137,395	\$49,562,450	\$39,252,545		\$10,309,905

(a) The budget was revised by the budget revision request per the Amendment of Feasibility Study Agreement.



MSBA Updates

- **Executive Director's Report**
- Project Status Updates
 - Project Overview Report
 - Reconciliation of Project Obligations and Annual Cap | Vote



Project Visits and Local Votes

- Since the April 10 Board meeting, the MSBA has visited 23 projects.
- 10 Districts have voted affirmatively to appropriate full project funds or feasibility study funds as of June 22, 2018.

Project Visits		Local Votes	
Beverly	Minuteman	Feasibility Study	Full Project Funds
Billerica	Mt. Greylock	Funds	Easthampton
Boston	Narragansett	Andover	Harvard
Bourne	Needham	Ashland	Marlborough
Brookline	New Bedford	Groton-Dunstable	
Carver	Newton	Medfield	
Chelsea	North Middlesex	Somerset	
Dedham	Pittsfield	Swampscott	
Granby	Quincy	Westwood	
Hanover	Stoughton		
Hopkinton	Woburn		
Millis			



Project Visits

Upcoming site visits anticipated in July and August:

Project Visits	
Billerica	Mt. Greylock
Bourne	Narragansett
Brookline	New Bedford
Chelsea	Needham
Dedham	Newton
Granby	North Middlesex
Holbrook	Pittsfield
Millis	Stoughton
Minuteman	Triton



Project Milestone Ceremonies

Groundbreaking Ceremonies

- Braintree East Middle School
- Blue Hills Regional Technical High School
- Hastings Elementary School
- Templeton Elementary School
- Somerville High School

Ribbon Cutting Ceremony

- Marathon Elementary School

Topping Off Ceremonies

- Cabot Elementary School
- Minuteman Career and Technical High School
- Peebles Elementary School





My Ideal School Contest





Outreach

Meetings with Districts

- Meeting with Greater Lawrence

School Tours

- Scituate STEM Visit

Other Meetings:

- Enrollment Presentation (UMass Dartmouth)
- MassBuys Expo
- Story of a Building (Norfolk Agricultural)





MSBA Updates

- Executive Director's Report
- **Project Status Updates**
 - **Project Overview Report**
 - Reconciliation of Project Obligations and Annual Cap | Vote



Summary of Bid Data

Year	Number of Projects	Design Basis for Enrollment	Project Budget	Construction Budget
2018	13	10,428	\$1.29 billion	\$1.03 billion
2019	7	7,425	\$916 million	\$743 million
2020	1	1,725	\$259 million	\$223 million
Totals	21	19,578	\$2.46 billion	\$2.00 billion

Note: These numbers are based on preliminary information received from the District and are subject to further review and calculation.

Anticipated Bids in June, July, and August:

- June – Braintree (CMR), Somerville (CMR)
- July– None
- August – Saugus (CMR)



Core Program

Construction Estimate vs. 2018 Bid Amount

- Of the 13 bids and/or executions of a GMP in 2018, four have been reported to date.
- Three of the four 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 **
Millis	Clyde F Brown ES	New	CMR	2/26/2018	\$42,691,393	\$41,340,039	-\$1,351,354	57.27%	-\$773,920
Triton	Pine Grove ES	Add/Reno	CMR	4/9/2018	\$30,359,249	\$30,392,649	\$33,400	50.46%	\$0
Newton	Cabot ES	Add/Reno	CMR	6/1/2018	\$36,815,776	\$36,526,038	-\$289,738	40.22%	-\$116,533
Minuteman VRSD	Minuteman RHS	New	CMR	6/18/2018	\$119,620,892	\$119,450,892	-\$170,000	44.75%	-\$76,075
Total					\$229,487,310	\$227,709,618	-\$1,777,692	-	-\$966,528

*The construction estimate and bid amount include pre-construction services and alternatives.

**These numbers are based on preliminary information received from the district and are subject to further review and calculation.



Construction Estimate vs. 2017-18 Bid Amount

2016 Accelerated Repair Program

- 35 of the 48 reported projects bid within the estimated budget
- All of the projects have been bid and reported



MSBA Updates

- Executive Director's Report
- **Project Status Updates**
 - Project Overview Report
 - **Reconciliation of Project Obligations and Annual Cap | Vote**



Finance Update

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



FY18 and FY19 SMART Collections Update

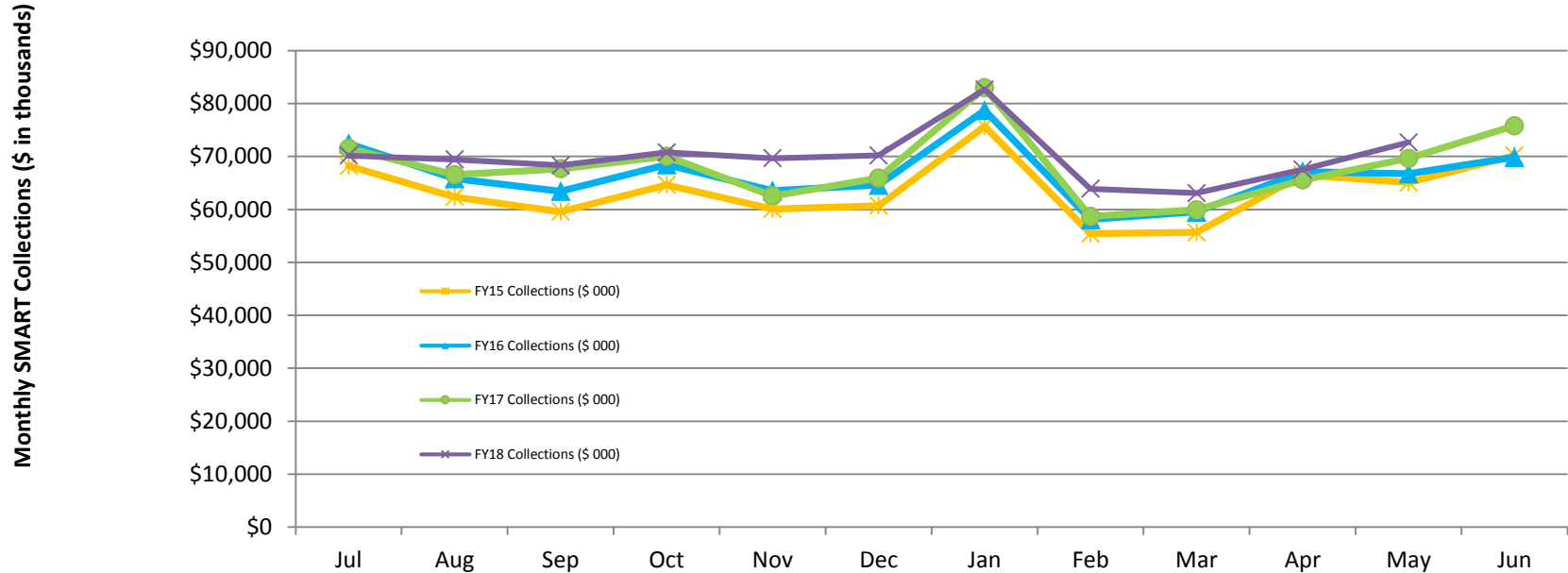
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	YTD
FY15 (\$ 000)	68,214	62,366	59,553	64,652	60,072	60,703	75,691	55,434	55,661	66,538	65,063	70,163	764,110
FY16 (\$ 000)	72,473	65,832	63,453	68,475	63,558	64,618	78,727	58,102	59,541	67,146	66,751	69,856	798,531
FY17 (\$ 000)	71,513	66,555	67,659	70,041	62,532	65,937	82,948	58,672	59,943	65,555	69,626	75,810	816,790
Change (\$ 000)	(960)	723	4,206	1,565	(1,026)	1,319	4,221	570	402	(1,590)	2,875	5,954	18,259
% Change	-1.33%	1.10%	6.63%	2.29%	-1.61%	2.04%	5.36%	0.98%	0.68%	-2.37%	4.31%	8.52%	2.29%
FY18 (\$ 000)	70,162	69,429	68,315	70,763	69,656	70,206	82,641	63,910	63,067	67,530	72,669		768,348
Change (\$ 000)	(1,350)	2,875	656	723	7,123	4,268	(307)	5,238	3,125	1,975	3,043		27,368
% Change	-1.89%	4.32%	0.97%	1.03%	11.39%	6.47%	-0.37%	8.93%	5.21%	3.01%	4.37%		4.08%

- Updated FY 18 Consensus Revenue Estimate of \$846.6 million would represent growth of 3.65% over the FY 17 amount.
- FY 18 collections through May 2018 are \$27.368 million (4.08%) higher than FY17 collections during the same period.
- The FY 19 Consensus Revenue Estimate of \$858.9 million would represent growth of 1.45% over the FY 18 estimated amount.



FY 2018 SMART Collections Update

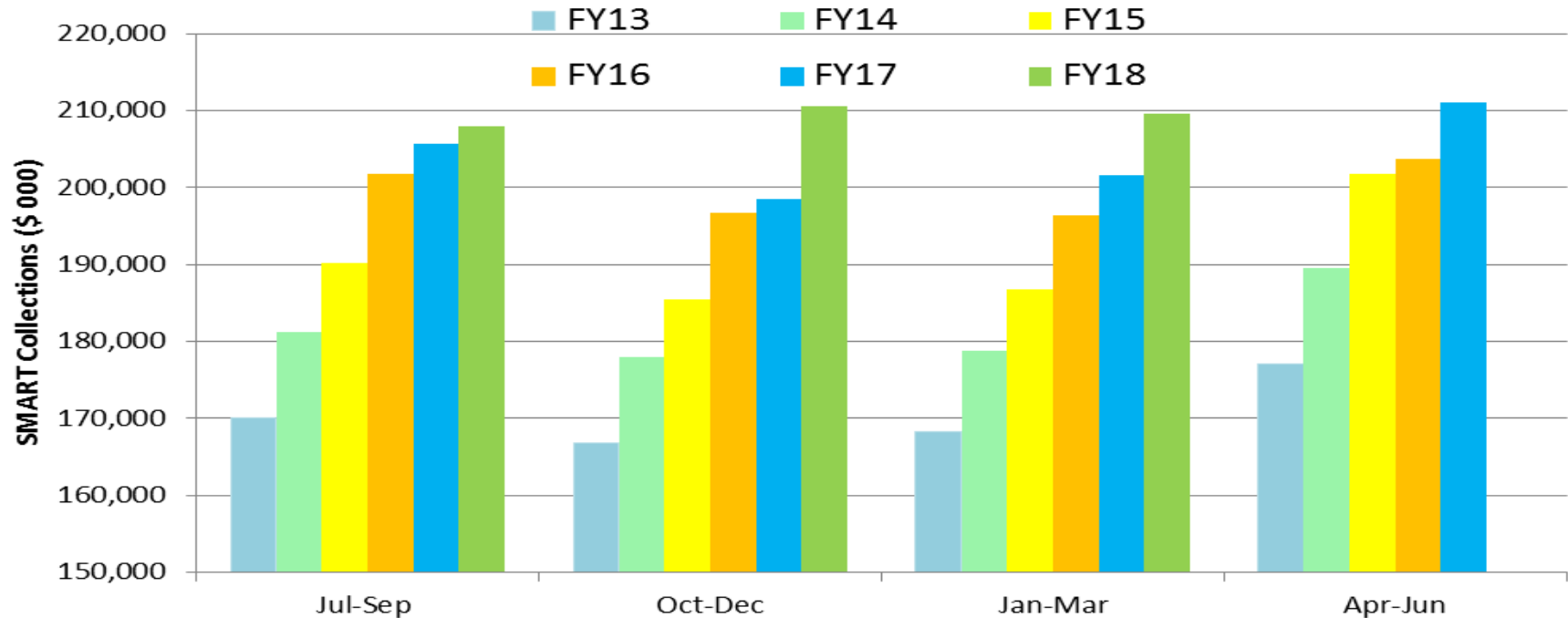
FY15 - FY18 Monthly SMART Collections





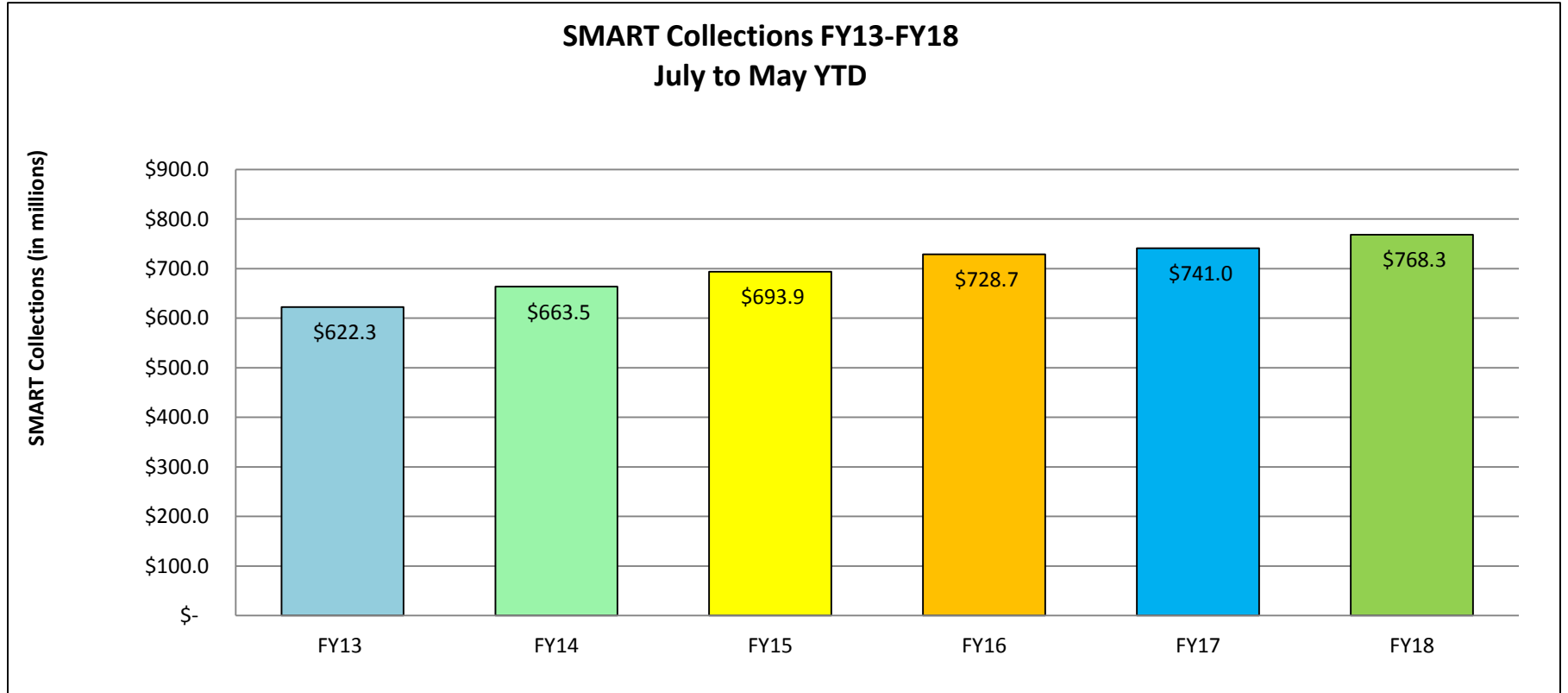
Quarterly SMART Collections

Quarterly SMART Collections Comparison FY13-FY18 Q3





SMART Collections Year To Date





Finance Update

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



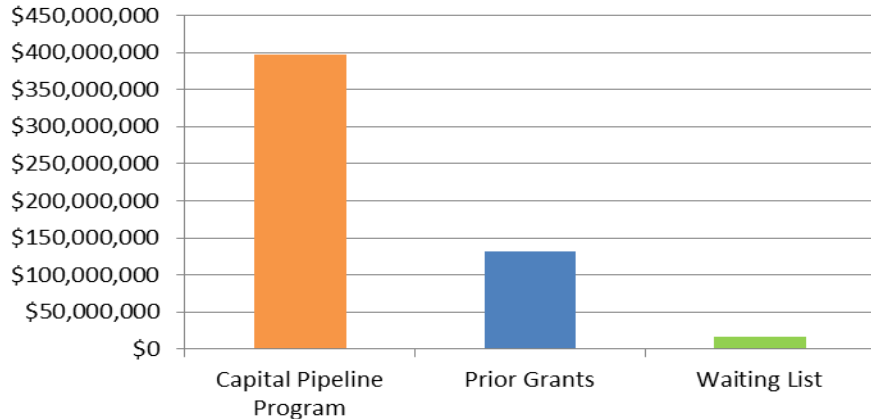
Grant Payments | FY2018 YTD Update

FY2018 YTD Grant Payments Summary*

Program	Grant Payments	# Projects	# Districts	% of FY18 Payments
Capital Pipeline Program	\$ 396,701,123	206	132	73%
Prior Grants	\$ 131,154,798	164	103	24%
Waiting List	\$ 17,134,055	28	21	3%
Total	\$ 544,989,976	398	191	

*Reflects grant payment data as of June 14, 2018.

FY2018 Grant Payments - YTD by Program



FY2018 Grant Payments - YTD % by Program

