Massachusetts School Building Authority

Deborah B. Goldberg, State Treasurer and Receiver-General Chairperson

Jack McCarthy **Executive Director**



James MacDonald

Board Meeting

April 14, 2021



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Project Votes



Invitation to Eligibility Period | Vote

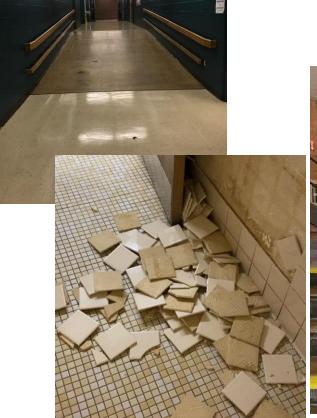
District	School		
Agawam	Agawam High School		
Belchertown	Jabish Brook Middle School		
Berkley	Berkley Community School		
Burlington	Fox Hill Elementary School		
Clinton	Clinton Middle School		
Dedham	Oakdale Elementary School		
Holyoke	William R. Peck School		
Hopkinton	Elmwood Elementary School		
Lynn	Pickering Middle School		
New Bedford	John B. Devalles Elementary School		
Newton	Countryside Elementary School		
Quincy	Squantum Elementary School		
Scituate	Hatherly Elementary School		
Stoughton	South Elementary School		
Wilmington	Wildwood Elementary School		

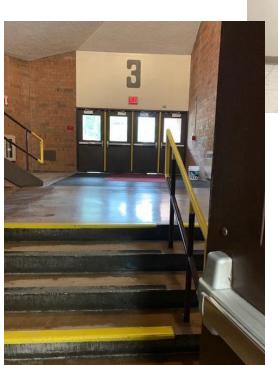


2020 SOIs









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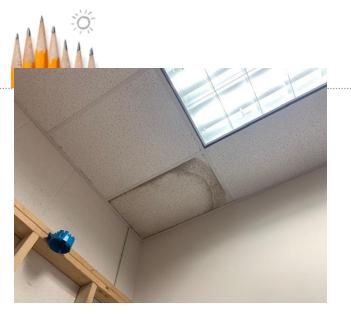
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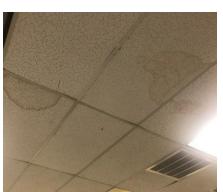












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Invitation to Feasibility Study | Vote

District	School
Nashoba Regional School District	Nashoba Regional High School
Tri-County Regional Vocational Technical School District	Tri-County Regional Vocational Technical High School
Whitman-Hanson Regional School District	Whitman Middle School



Preferred Schematic Design | Vote

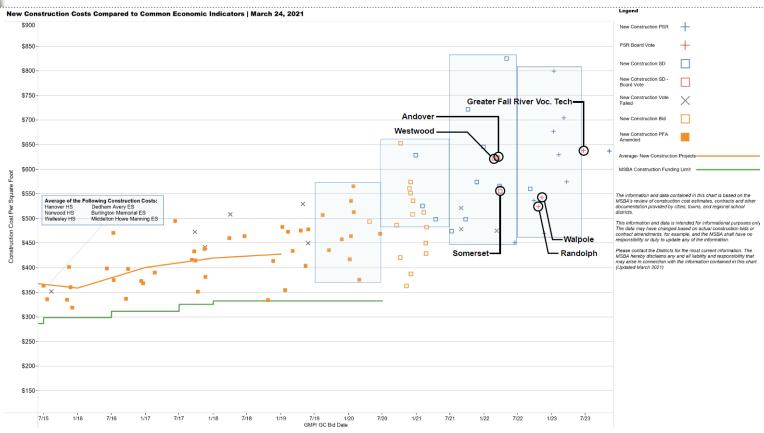
District	School	Project Scope	Estimated Total Construction	Estimated Total Project Costs
Greater Fall River Vocational School District	Diman Regional Vocational Technical High School	New	\$259,592,298	\$281,272,102
Peabody	William A. Welch Elementary School	Add/Reno	\$21,976,957	\$28,433,857
Randolph	Elizabeth G. Lyons Elementary School	New	\$40,162,241	\$48,600,000
Walpole	Bird Middle School	New	\$92,766,989	\$120,597,086

Totals \$394,498,485

\$478,903,045



New Construction Cost Charts





Preferred Schematic Design | Greater Fall River Vocational School District

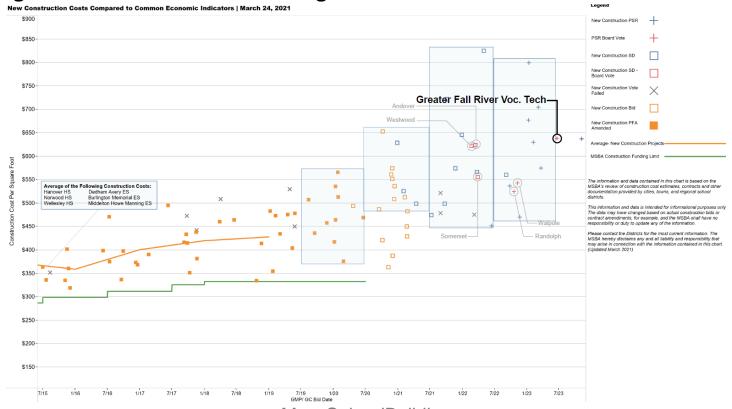
Diman Regional Vocational Technical High School

- Year Opened: 1968
- Current Grade Configuration: 9-12
- Agreed Upon Grade Configuration: 9-12
- Agreed Upon Enrollment: 1,500 students
- Proposed Scope of Project: New Construction
- Existing Square Footage: 234,468
- Proposed Square Footage: 406,898
- Estimated Total Construction Cost of Preferred Schematic: \$259,592,298



Preferred Schematic Design | Greater Fall River Vocational School District

Diman Regional Vocational Technical High School





Preferred Schematic Design | Peabody

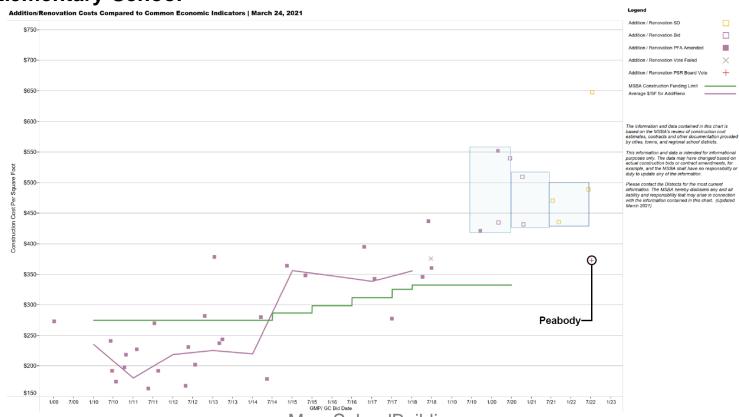
Welch Elementary School

- Year Opened: 1973
- Current Grade Configuration: PK-5
- Agreed Upon Grade Configuration: K-5
- Agreed Upon Enrollment: 390 students
- Proposed Scope of Project: Addition and renovation serving grades PK-5
- Existing Square Footage: 58,600
- Proposed Square Footage: 58,900
- Estimated Total Construction Cost of Preferred Schematic: \$21,976,957



Preferred Schematic Design | Peabody

Welch Elementary School





Preferred Schematic Design | Randolph

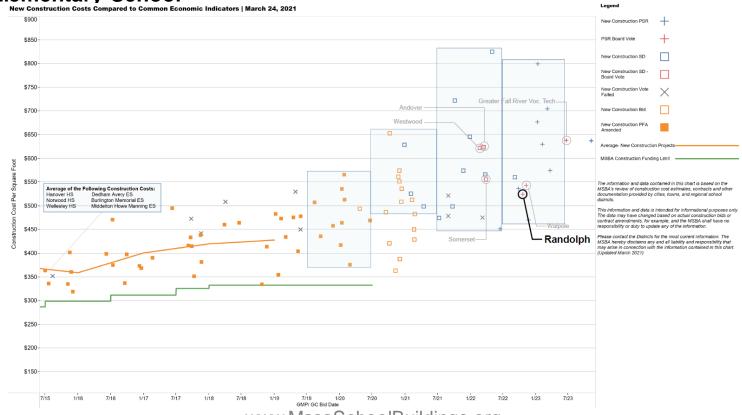
Lyons Elementary School

- Year Opened: 1957
- Current Grade Configuration: K-5
- Agreed Upon Grade Configuration: K-5
- Agreed Upon Enrollment: 315 students
- Proposed Scope of Project: New facility serving grades PK-5 on the site of the Charles-Divine Elementary School
- Existing Square Footage: 38,000
- Proposed Square Footage: 76,700
- Estimated Total Construction Cost of Preferred Schematic: \$40,162,241



Preferred Schematic Design | Randolph

Lyons Elementary School





Preferred Schematic Design | Walpole

Bird Middle School

- Year Opened: 1961
- Current Grade Configuration: 6-8
- Agreed Upon Grade Configuration: 6-8 (district-wide)
- Agreed Upon Enrollment: 905 students
- Proposed Scope of Project: New Construction to replace the existing Bird Middle School and Eleanor Johnson Middle School on the Bird Middle School site
- Existing Square Footage: 88,500
- Proposed Square Footage: 170,966
- Estimated Total Construction Cost of Preferred Schematic: \$92,766,989



Preferred Schematic Design | Walpole

Bird Middle School





Project Scope and Budget | Vote

District	School	Project Scope	Total Project Budget	Estimated Maximum Total Facilities Grant	
Andover	West Elementary School	New	\$151,661,968	\$37,457,769	
Somerset	Somerset Middle School	New	\$85,020,490	\$30,759,152	
Westwood	Paul R. Hanlon Elementary School	New	\$87,820,386	\$17,683,327	

Totals

\$324,502,844

\$85,900,248



Project Scope and Budget | Andover

West Elementary School

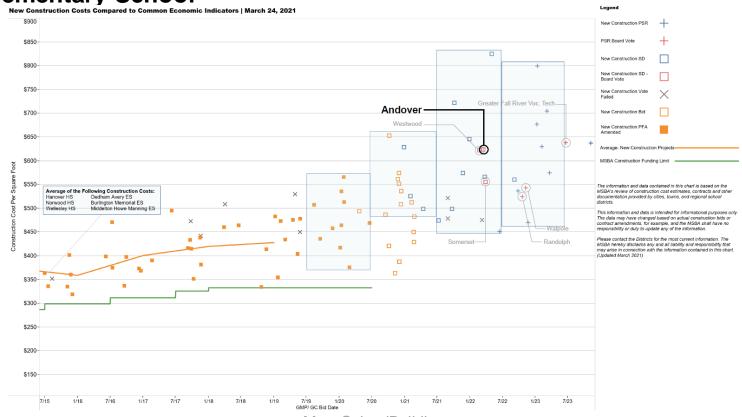
- Year Opened: 1951
- Current Grade Configuration: K-5
- Agreed Upon Grade Configuration: K-5
- Agreed Upon Enrollment: 925 students
- Scope of Project: New Construction serving grades PK-5
- Existing Square Footage: 90,600
- Proposed Square Footage: 191,028
- District Total Project Budget: \$151,661,968
- Estimated Basis Total Facilities Grant: \$81,719,383
- Reimbursement Rate*: 45.85%
- Estimated Maximum Total Facilities Grant: \$37,457,769

^{*} 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 | Andover

West Elementary School





Project Scope and Budget | Somerset

Somerset Middle School

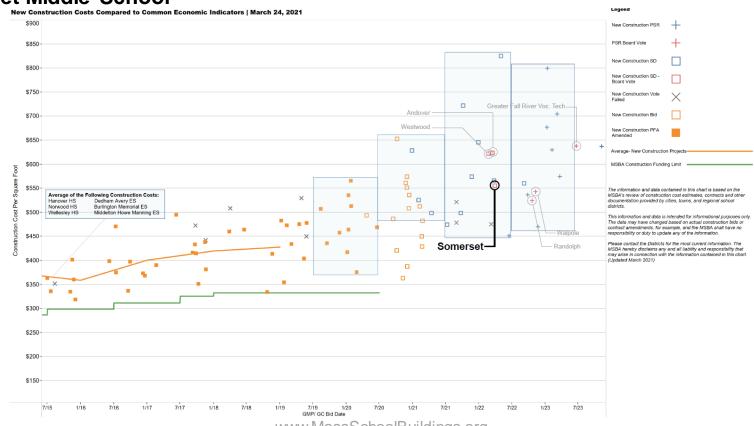
- Year Opened: 1965
- Current Grade Configuration: 6-8
- Agreed Upon Grade Configuration: 6-8
- Agreed Upon Enrollment: 590 students
- Scope of Project: New Construction
- Existing Square Footage: 126,980
- Proposed Square Footage: 124,200
- District Total Project Budget: \$85,020,490
- Estimated Basis Total Facilities Grant: \$49,956,051
- Reimbursement Rate*: 61.59%
- Estimated Maximum Total Facilities Grant: \$30,759,152

^{*} 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 | Somerset

Somerset Middle School





Project Scope and Budget | Westwood

Paul R. Hanlon Elementary School

- Year Opened: 1953
- Current Grade Configuration: K-5
- Agreed Upon Grade Configuration: K-5
- Agreed Upon Enrollment: 560 students
- Scope of Project: New Construction to replace the existing Paul R. Hanlon Elementary School and the existing Deerfield Elementary School on the site of the Paul R. Hanlon Elementary School
- Existing Square Footage: 31,600
- Proposed Square Footage: 113,141
- District Total Project Budget: \$87,820,386
- Estimated Basis Total Facilities Grant: \$44,975,001
- Reimbursement Rate*: 39.35%
- Estimated Maximum Total Facilities Grant: \$17,683,327

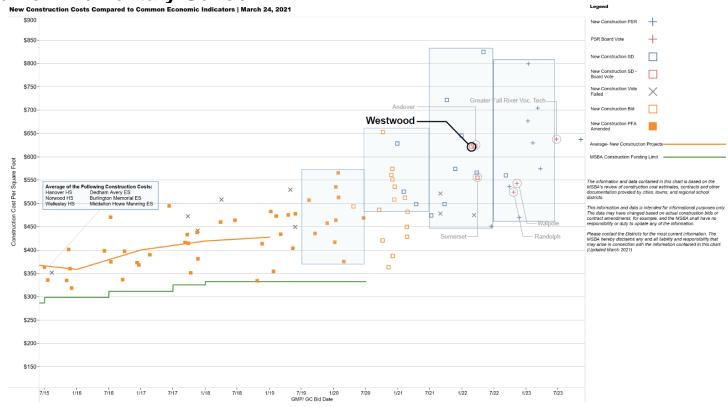
MSBA staff also recommends that the Executive Director be authorized to allow the District 230 days to appropriate funds, effectively extending the typical 120-day target date of August 12, 2021 to November 30, 2021.

^{*} 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 | Westwood

Paul R. Hanlon Elementary School





Audit Update



Audit Status Update

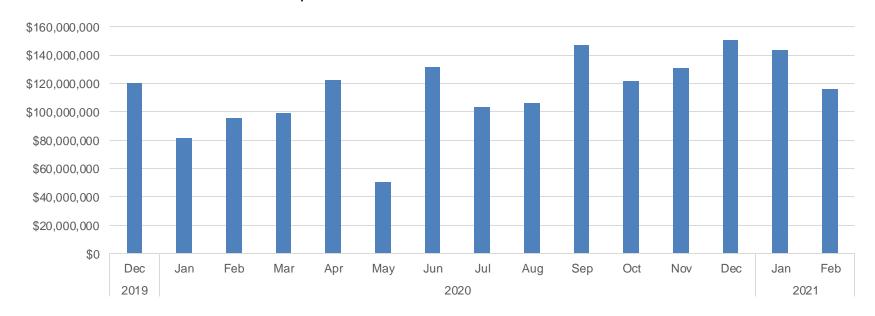
Today's Vote Capital Pipeline Program Projects Estimated Costs Currently Have Remaining Executed FSA Completed Projects and PFA 564 232 \$4.6 billion of Approx. \$6.6 billion of costs **\$ 4.0** billion of costs submitted and audited submitted and costs audited to be submitted*

^{*}Estimated based on Total Project Budgets from executed funding agreements and submitted costs as of March 29, 2021.



Capital Pipeline Program | Monthly Audited Project Costs

Rolling 12 month submitted costs monthly average of \$118.7 million Total 12 Month Audited Costs = \$1.42 billion





Capital Pipeline Program | Closeout Audits

Today's Vote: April 14, 2021 Approval of Final Audits – Capital Pipeline Projects

_														
	MSBA ID	District Name	School Name	Project Type	Project Scope	Reimb. Rate	Total Project Budget	Final Costs Submitted	Ineligible Costs	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	201301390005	Hopkinton	Center	Core Program	New Construction	44.50%	\$47,129,373	\$42,981,164	\$12,040,817	\$30,940,347	\$14,058,455	\$13,768,454	FY16	\$290,001
2	201802070305	Newton	Bigelow Middle	Accelerated Repair	Boiler	32.47%	\$1,364,006	\$1,216,553	\$87,893	\$1,128,660	\$415,795	\$366,476	ARP FY19	\$49,319
3	201702650015	Seekonk	Mildred Aitken School	Accelerated Repair	Windows / Doors	52.69%	\$1,370,902	\$1,215,020	\$41,274	\$1,173,746	\$646,884	\$618,447	ARP FY18	\$28,437
4	201702810355	Springfield	South End Middle School	Accelerated Repair	Windows / Doors	80.00%	\$1,654,585	\$1,518,287	\$124,136	\$1,394,151	\$1,742,550	\$1,115,321	ARP FY18	\$627,229
5	201203470060	Woburn	Wyman	Core Program	New Construction	54.74%	\$34,647,722	\$31,949,705	\$6,739,985	\$25,209,720	\$14,387,427	\$13,799,801	FY15	\$587,626
6	201603480020	Worcester	Belmont Street Community	Accelerated Repair	Windows / Doors	78.95%	\$4,109,178	\$3,955,179	\$35,779	\$3,919,400	\$3,235,621	\$3,094,366	ARP FY17	\$141,255
7	201603480050	Worcester	Chandler Elementary Community	Accelerated Repair	Windows / Doors, Boiler	78.95%	\$1,492,592	\$1,311,551	\$10,991	\$1,300,560	\$1,137,979	\$1,026,792	ARP FY17	\$111,187
8	201603481004	Worcester	Gerald Creamer Center	Accelerated Repair	Windows / Doors, Boiler	78.95%	\$3,071,825	\$2,719,736	\$14,613	\$2,705,123	\$2,475,759	\$2,135,695	ARP FY17	\$340,064
9	201603480026	Worcester	Wawecus Road School	Accelerated Repair	Windows / Doors	78.95%	\$2,271,503	\$2,120,613	\$65,232	\$2,055,381	\$1,686,519	\$1,622,723	ARP FY17	\$63,796
						TOTAL	\$97,111,686	\$88,987,808	\$19,160,720	\$69,827,088	\$39,786,989	\$37,548,075		\$2,238,914

^{*}The Fiscal Years highlighted in bold are not included in the original FY08-FY16 Grant Reconciliation summary.



MSBA Updates

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



Project Visits/ Meetings and Local Votes

- Since the February 11th Board meeting, the MSBA has visited or spoken with 24 projects.
- 2 Districts have voted affirmatively to appropriate feasibility study funds or full project funds as of April 9, 2021.

Project Visi	ts/Meetings	Local Votes		
Acton-Boxborough	Ludlow	Feasibility Study	Full Project Funds	
Arlington	Manchester-Essex	Funds		
Attleboro	Marblehead		Nauset	
Belmont	Natick	Whittier		
Boston	Northbridge			
Bristol County	Pentucket			
Cape Cod	Sharon			
Danvers	Shrewsbury			
Easthampton	Somerville			
Fall River	Wareham			
Framingham	Weymouth			
Gardner	Worcester			



Project Visits/Meetings

Upcoming site visits and calls anticipated in April, May, and June:

Project Visits/Meetings					
Acton-Boxborough Attleboro Bristol County Cape Cod Easthampton Fall River Framingham Gardner	Manchester Essex Marblehead Northbridge Pentucket Sharon Shrewsbury Wareham Weymouth				
Ludlow	Worcester				



4/9/2021

Outreach

• 2/18/2021	Waltham High School Status Update
2/23/2021	Boston Arts Academy Topping off
2/25/2021	Meeting with Senator Velis & Councilor
	McGee – Holyoke
3/17/2021	Meeting with Alliance for Technical
	Education & MSBA
3/25/2021	Meeting with Ever Source
• 3/30/2021	Model School Procurement Information
	Meeting
4/7/2021	Chapman Middle School Topping off

Easton Groundbreaking





Roundtables | OPM Roundtable







Anthony Dunams
Value Management
Team Lead

Arcadis Value Management Program Lead, Licensed Value Management Associate (VMA) and Professional Engineer (PE)



Howard Greenfield
Value Management
Team Lead

Licensed Certified Value Specialist (CVS) trained as a structural engineer. Senior VE Facilitator with Arcadis



Brian Oblon Vice President

Area Operations Leader for Massachusetts and Connecticut OPM Group



Vikas Nagardeolekar Senior Project Manager

Western Massachusetts and Connecticut OPM Project Director



Steve Brown

Senior Project Manager

Eastern Massachusetts OPM Project Director



Roundtables | Superintendent Roundtable



Presenters:

Vivian Varbedian – Senior Project Manager, Hill International, Inc.

Mark O'Connor – Principal, William E. Carter School, Boston Public Schools

Superintendent John Macero – Stoneham Public Schools

Paul Kalous – Program Director, Hill International, Inc.



CY2021 Core Program SOI Opening | Update

- Filing period will open for Core and ARP on Tuesday, April 20,
 2021
- Filing period for ARP will close on Tuesday, June 1, 2021
- Filing period for Core will close on Friday, June 25, 2021
- MSBA first notice issued on 4/5/21 with additional reminders to be sent throughout the filing period

Orange

The **Town of Orange** conducted their Project Scope and Budget vote at the Ralph C. Mahar Regional High School Football field on June 16, 2020 with approximately 376

residents participating.







Wakefield

The **Town of Wakefield** conducted their Feasibility Study/Schematic Design vote at the Wakefield Memorial High School gymnasium on November 7, 2020, with approximately 252 residents participating.





MSBA Updates

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



Accelerated Repair – Bid Summary

2019 Accelerated Repair Program

- 30 of the 30 reported projects bid within the estimated budget
- Additional 6 projects are anticipated to be reported for the June Board of Directors meeting



2019 Bid Results

- Of the 22 projects scheduled to receive sub-bids in 2019, 21 have reported DBB bids or GMP executions to date
- 19 reported bids came in within the estimated budget

2020 Bid Results

- Of the 13 projects scheduled to receive sub-bids in 2020, 13 have reported DBB bids or GMP executions to date
- 10 reported bids came in within the estimated budget



- Of the 13 projects scheduled to receive sub-bids in 2020, 13 have reported DBB bids or GMP executions to date
- 10 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 **
Wareham	Minot ForestES	New	DBB	2/27/2020	\$72,066,378	\$60,117,573	-\$11,948,805	74.98%	-\$8,959,214
Belmont	BelmontHS	Add/Reno	CMR	6/17/2020	\$237,094,189	\$240,341,185	\$3,246,996	40.66%	\$0
Central Berkshire	Wahconah HS	New	CMR	9/15/2020	\$59,785,032	\$59,759,793	-\$25,239	59.44%	-\$15,002
Gardner	Waterford Street ES	New	DBB	10/6/2020	\$70,937,000	\$61,841,553	-\$9,095,447	80.00%	-\$7,276,358
Westborough	Annie E. Fales Elementary School	New	CMR	10/8/2020	\$45,827,177	\$45,868,380	\$41,203	48.32%	\$0
Weymouth	Maria Weston Chapman MS	Add/Reno	CMR	10/9/2020	\$128,585,641	\$128,355,285	-\$230,356	61.03%	-\$140,586
West Springfield	Phillip G. Coburn ES	New	DBB	11/9/2020	\$54,733,011	\$43,538,000	-\$11,195,011	80.00%	-\$8,956,009
Arlington	Arlington HS	New	CMR	12/3/2020	\$235,786,827	\$234,592,855	-\$1,193,972	49.72%	-\$593,643

^{*}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.



- Of the 13 projects scheduled to receive sub-bids in 2020, 13 have reported DBB bids or GMP executions to date
- 10 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 **
Marblehead	Elbridge Gerry ES	New	CMR	12/7/2020	\$44,011,426	\$43,886,427	-\$124,999	38.56%	-\$48,200
Bridgewater- Raynham RSD	Mitchel ES	New	DBB	12/10/2020	\$64,679,981	\$51,185,151	-\$13,494,830	59.28%	-\$7,999,735
Pentucket	Pentucket Regional HS	New	CMR	12/14/2020	\$118,753,536	\$118,850,536	\$97,000	57.39%	\$0
Acton-Boxborough	CT Douglas ES	New	CMR	12/15/2020	\$95,405,831	\$88,870,490	-\$6,535,341	49.70%	\$3,248,064
Tewksbury	Louise Davy Trahan ES	New	CMR	12/23/2020	\$77,675,806	\$76,878,510	-\$797,296	58.77%	-\$468,571
				Total	\$1,305,341,835	\$1,254,085,738	-\$51,256,097	-	-\$37,705,382

^{*}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.



- Of the 14 projects scheduled to receive sub-bids in 2021, 5 have reported DBB bids or GMP executions to date
- 5 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 **
Millbury	Raymond E. Shaw ES	New	DBB	2/10/2021	\$49,269,791	\$46,273,468	-\$2,996,323	61.37%	-\$1,838,843
Rockland	Jefferson ES	New	DBB	2/24/2021	\$68,249,754	\$58,190,000	-\$10,059,754	67.08%	-\$6,748,083
Easton	Center School	New	DBB	2/23/2021	\$74,886,581	\$63,637,537	-\$11,249,044	55.93%	-\$6,291,590
Dennis-Yarmouth	Mattacheese Middle School	New	DBB	3/16/2021	\$93,744,492	\$84,013,640	-\$9,730,852	57.68%	-\$5,612,755
Sharon	Sharon HS	New	CMR	3/22/2021	\$126,242,153	\$121,544,639	-\$4,697,514	48.95%	-2,299,433
	'		-	Total	\$412,392,771	\$373,659,284	-\$38,733,487	-	-\$22,790,705

^{*}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 Summary

Year	Number of Projects	Design Basis for Enrollment	Project Budget	Construction Budget
2021	14	14,900	\$1.98 billion	\$1.58 billion
2022	4	3,200	\$536 million	\$419 million
Totals	18	18,100	\$2.52 billion	\$2.00 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

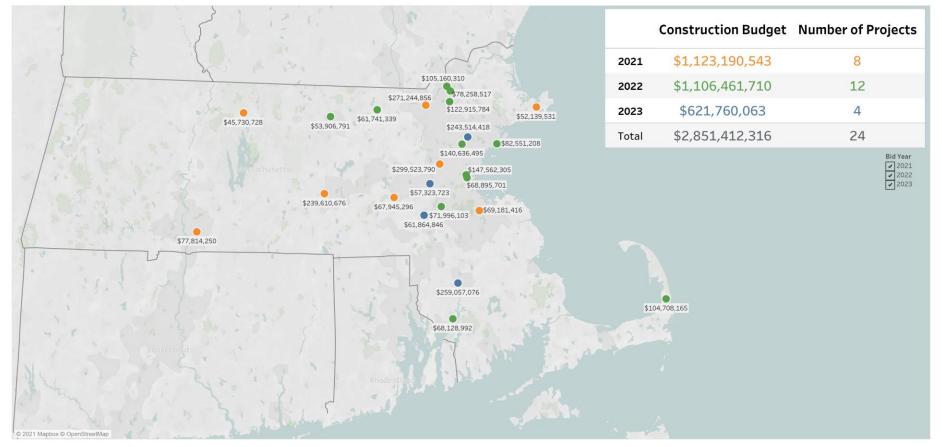
Anticipated Sub-Bids in April, May, and June:

- April Amesbury (DBB), Lowell (CMR)
- May None
- June None

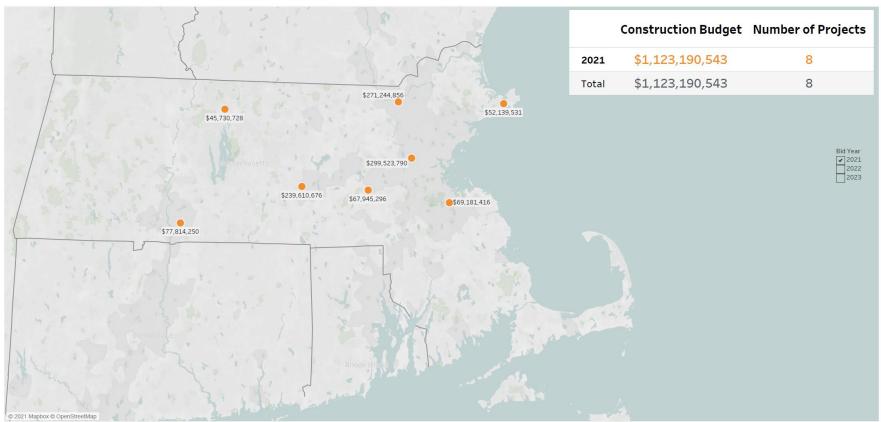
Anticipated DBB Bids or GMP Executions in April, May, and June:

- April Amesbury (DBB)
- May None
- June None

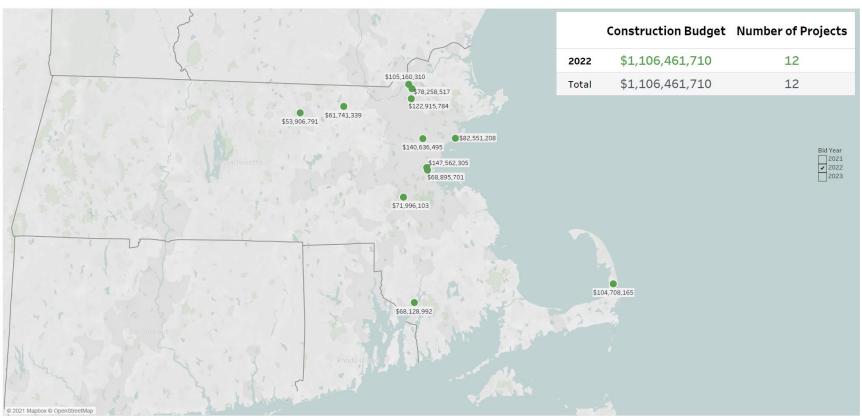




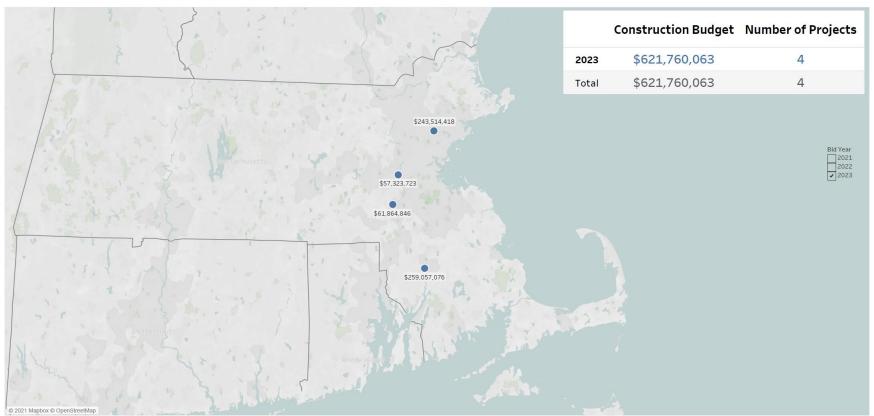














Finance Update

- Sales Tax Collections Update
- Grant Payments Update
- FY 2021 Budget Update and Year-End Projections
- Authorization for a Defeasance of Outstanding Bonds

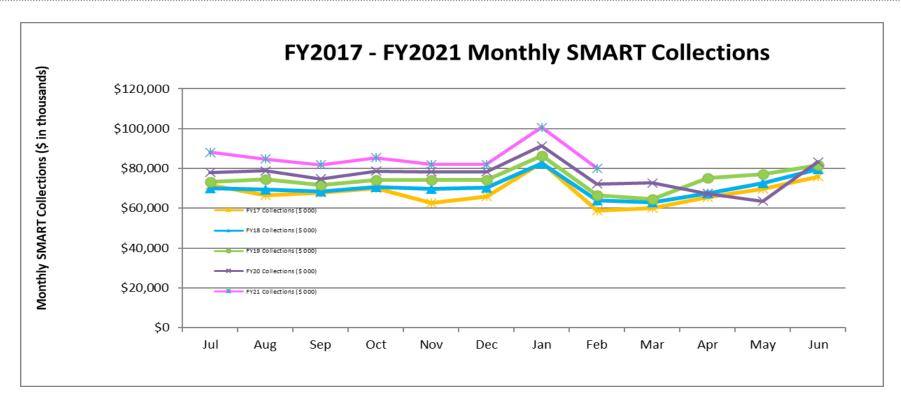
FY2021 SMART Collections Update

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	YTD
FY20 vs FY19 Char	77,941	78,753	74,787	78,674	78,230	78,254	91,330	72,266	72,690	67,447	63,598	83,338	917,307
Change (\$ 000)	4,776	4,076	3,175	4,469	4,050	4,040	4,988	5,806	8,029	(7,752)	(13,383)	1,834	24,107
% Change	6.53%	5.46%	4.43%	6.02%	5.46%	5.44%	5.78%	8.74%	12.42%	-10.31%	-17.39%	2.25%	2.70%
FY21 vs FY20 Char	88,108	84,707	81,869	85,292	81,978	82,039	100,578	79,993					684,565
Change (\$ 000)	10,167	5,954	7,081	6,618	3,749	3,785	9,248	7,727					54,331
% Change	13.05%	7.56%	9.47%	8.41%	4.79%	4.84%	10.13%	10.69%					8.62%

- FY 2021 Revenue Estimate of \$976 million would represent growth of 2.3% over the FY 2020 Revenue Estimate of \$954 million
- FY 2021 unaudited collections for July 2020 through March 2021 are \$54.3 million (8.62%) higher than FY 2020 audited collections for the same period

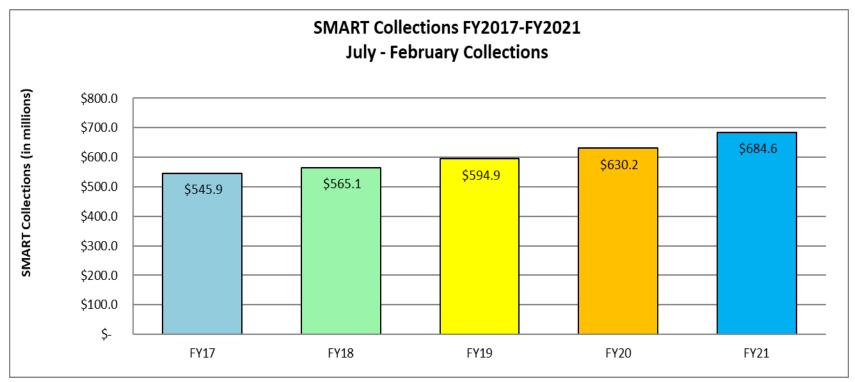


FY 2021 SMART Collections Update





Smart Collections Year To Date





Finance Update

- Sales Tax Collections Update
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- Authorization for a Defeasance of Outstanding Bonds

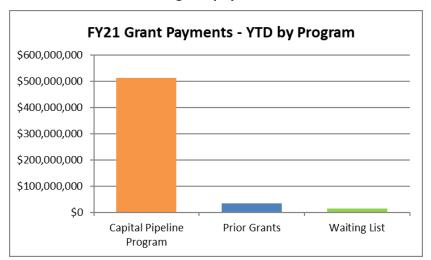


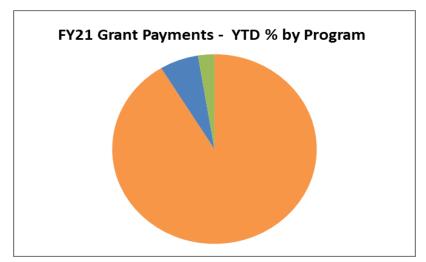
Grant Payments | FY2021 YTD Update

FY21 YTD Grant Payments Summary*

					% of FY21
Program	Gı	rant Payments	# Projects	# Districts	Payments
Capital Pipeline Program	\$	512,993,898	151	104	91%
Prior Grants	\$	34,470,395	38	30	6%
Waiting List	\$	14,535,071	25	18	3%
Total	\$	561,999,364	214	132	-

^{*}Reflects grant payment data as of March 26, 2021.





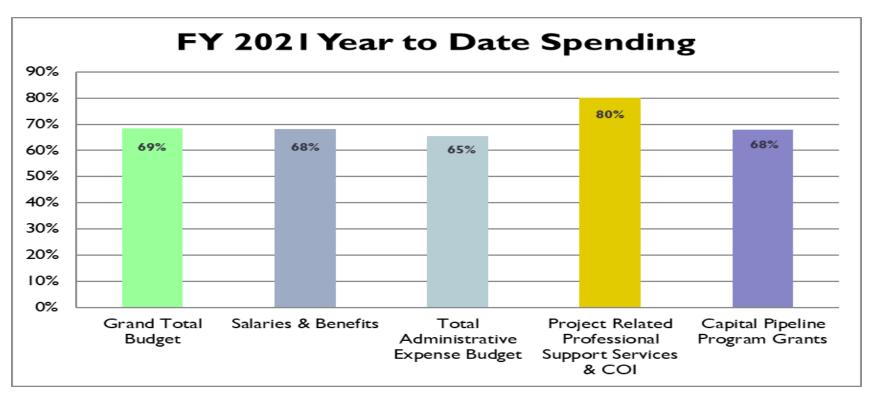


Finance Update

- Sales Tax Collections Update
- Grant Payments Update
- FY 2021 Budget Update and Year-End Projections
- Authorization for a Defeasance of Outstanding Bonds

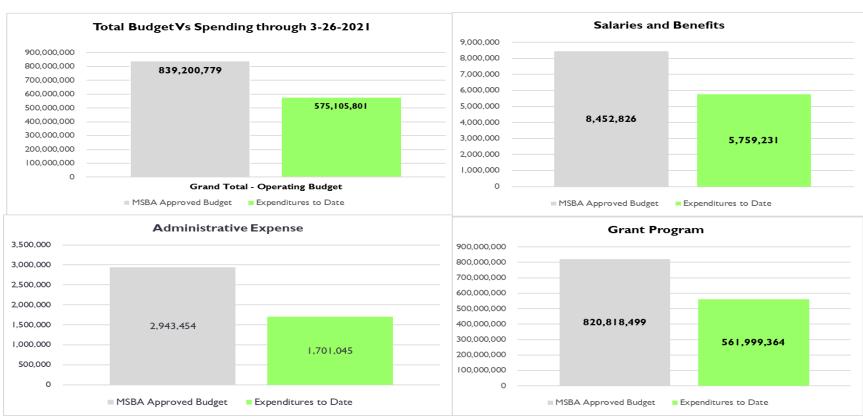


Fiscal Year 2021 Expenditures



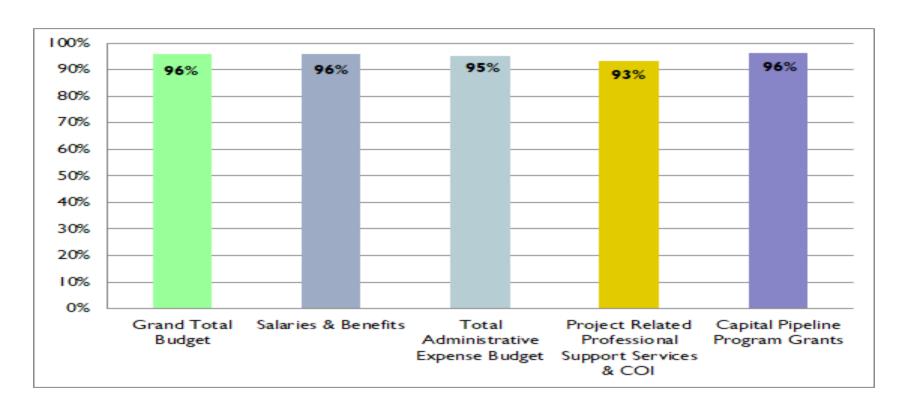


Fiscal Year 2021 Budget Update



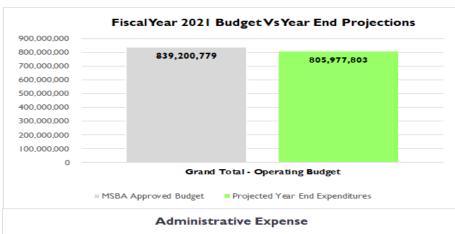


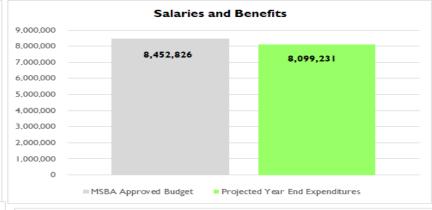
Fiscal Year 2021 Year End Projections

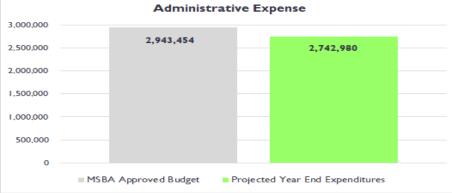


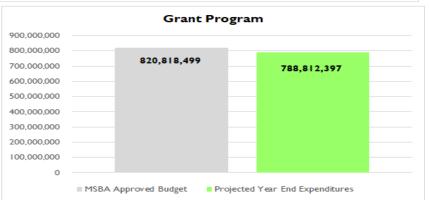


Fiscal Year 2021 Year End Projections











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