

Information as of:

Estimated Construction & Total Project Budget Cost Data at Schematic Design [ON OR AFTER JANUARY 1, 2014]

October 2020 Board Meeting

Middle Schools

The information and data contained in this spreadsheet, for construction projects starting January 2014, is based on the MSBA's review of construction cost estimates, contracts and other documentation provided by cities, towns, and regional school districts. This information and data is intended for informational purposes only. The data may have changed based on actual construction bids or contract amendments, for example, and the MSBA shall have no responsibility or duty to update any of the information contained in this spreadsheet. Please contact the Districts for the most current information. The MSBA hereby disclaims any and all liability and responsibility that may arise in connection with the information contained in this spreadsheet. This spreadsheet may include a preliminary review of scope exclusions but all costs identified are subject to review and audit by the MSBA and may not be eligible for reimbursement by the MSBA.

Date Board Approved	Nov-12	Apr-13	Apr-13	Apr-13	Apr-13	Oct-13	Apr-13	Sep-14	Jun-14	Nov-14
District	North Adams	Auburn	Chicopee	Peabody	Lynn	Wachusett	Chelsea	Haverhill <sup>1</sup>	Scituate <sup>2</sup>	
School Name	Conte Middle School	Auburn Middle School	Chicopee Academy	J. Henry Higgins Middle School	Thurgood Marshall MS	Mountain View Middle School	Clark Avenue Middle School	Caleb Distin Hunking Middle School	Gates Intermediate School	
Construction Type	Add/Reno	New	Renovation	New	New	New	New	New	New	
Enrollment	310	560	825	1,340	1,100	800	670	1,005	710	
GSF	78,119	100,395	176,425	211,982	181,847	126,200	115,235	147,996	164,803	
Assumed Start of Construction	Jan-14	Apr-14	Jul-14	Jun-14	May-14	Mar-14	Feb-15	May-15	Dec-15	
OPM	Strtegic Building Solutions, LLC	Skanska USA Building, Inc.	Arcadis U.S., Inc.	Daedalus Projects, Inc.	Joslin, Lesser & Associates	Town Employee	Pinck & Company, Inc.	Joslin, Lesser & Associates	Daedalus Projects, Inc.	
Designer	Margo Jone Architects, Inc	Lamoureux Pagano & Associates, Inc.	Caolo & Bieniek Associates, Inc.	DiNisco Deisgn Partnership	Raymond Design Associates	Lamoureux Pagano & Associates, Inc.	HMFH Architects	JCJ Architecture	Dore & Whittier Architects, Inc.	
Cost Estimator	AM Fogarty	AM Fogarty	VJ Associates	AM Fogarty	VJ Associates	AM Fogarty	PM&C	VJ Associates	PM&C	
Division #	Description of Work	Total Costs								
A	Substructure	\$153,700	\$1,312,435	\$301,703	\$2,908,292	\$7,244,706	\$1,480,143	\$3,253,769	\$2,486,821	\$2,671,916
B	Shell	\$4,250,600	\$7,638,427	\$3,244,857	\$16,064,335	\$16,624,415	\$10,231,943	\$8,546,875	\$12,055,257	\$14,556,886
B10	Superstructure	\$505,200	\$2,600,129	\$1,173,953	\$6,254,054	\$6,797,917	\$3,931,509	\$4,143,506	\$4,609,954	\$4,918,798
B20	Exterior Enclosure	\$3,144,900	\$3,593,701	\$1,766,632	\$7,513,989	\$7,829,061	\$5,074,898	\$3,602,488	\$5,670,811	\$7,259,103
B2010	Exterior Walls		\$2,719,810	\$292,610	\$4,969,818	\$4,969,818	\$3,820,285	\$2,622,495	\$4,272,072	\$5,064,095
B2020	Exterior Windows		\$717,242	\$1,427,522	\$2,568,062	\$2,716,024	\$1,171,583	\$933,823	\$1,300,559	\$2,026,703
B2030	Exterior Doors		\$156,649	\$46,500	\$139,575	\$143,219	\$83,030	\$46,170	\$98,180	\$168,305
B30	Roofing	\$600,500	\$1,444,597	\$304,272	\$2,296,292	\$1,997,437	\$1,225,536	\$800,881	\$1,774,492	\$2,378,985
C	Interiors	\$3,216,810	\$4,845,427	\$4,334,374	\$10,300,117	\$9,170,553	\$5,452,285	\$6,197,127	\$6,552,938	\$9,294,095
D	Services	\$5,960,900	\$7,902,151	\$13,627,146	\$16,117,582	\$14,941,020	\$9,881,752	\$10,101,675	\$12,212,163	\$14,571,503
D10	Conveying	\$247,300	\$84,860	\$175,000	\$210,420	\$186,500	\$144,360	\$273,500	\$186,420	\$180,000
D20	Plumbing	\$762,400	\$1,201,441	\$2,277,504	\$2,286,565	\$2,235,119	\$1,310,352	\$1,483,649	\$1,655,230	\$1,889,540
D30	HVAC	\$2,505,800	\$3,405,124	\$6,121,153	\$6,694,921	\$6,580,777	\$4,056,078	\$4,586,809	\$5,947,712	\$6,120,253
D40	Fire Protection	\$415,900	\$436,175	\$790,025	\$880,896	\$746,400	\$504,292	\$455,554	\$668,051	\$611,925
D50	Electrical Utilities	\$2,029,500	\$2,774,551	\$4,263,464	\$6,044,780	\$5,192,224	\$3,866,670	\$3,302,163	\$3,754,750	\$5,769,785
E	Furnishings & Fixed Equipment	\$939,100	\$1,652,518	\$608,580	\$2,171,878	\$1,933,070	\$1,913,682	\$1,211,630	\$1,139,563	\$2,559,490
	Building Value Engineering									
	<b>Building Subtotal</b>	<b>\$14,521,110</b>	<b>\$23,350,958</b>	<b>\$22,116,660</b>	<b>\$47,562,204</b>	<b>\$49,913,764</b>	<b>\$28,959,805</b>	<b>\$29,311,076</b>	<b>\$34,446,742</b>	<b>\$43,653,890</b>
F	Special Construction & Demo	\$1,173,870	\$1,107,713	\$3,396,348	\$3,367,520	\$1,480,548	\$3,137,750	\$743,385	\$495,210	\$495,210
G	Other Site Construction	\$1,338,960	\$3,505,297	\$1,043,080	\$7,663,712	\$2,993,029	\$3,302,032	\$1,386,359	\$3,779,183	\$5,223,669
G10	Site Preparation	\$229,800	\$826,741	\$164,112	\$1,914,616	\$751,752	\$773,405	\$265,270	\$869,996	\$880,628
G20	Site Improvements	\$817,860	\$1,333,642	\$425,110	\$4,202,561	\$1,529,213	\$1,255,731	\$814,619	\$1,524,479	\$2,068,985
G30	Mechanical Utilities	\$190,300	\$1,023,406	\$378,640	\$910,885	\$554,114	\$745,054	\$170,750	\$693,501	\$1,454,656
G40	Electrical Utilities	\$101,000	\$321,508	\$75,218	\$635,650	\$157,950	\$527,842	\$135,720	\$691,207	\$819,400
	Other Site Construction									
	<b>Subtotal</b>	<b>\$17,033,940</b>	<b>\$26,856,255</b>	<b>\$24,267,453</b>	<b>\$58,622,264</b>	<b>\$53,274,313</b>	<b>\$33,742,385</b>	<b>\$33,835,185</b>	<b>\$38,969,310</b>	<b>\$49,372,769</b>
Z	Mark-Ups	\$4,223,139	\$7,018,847	\$5,795,644	\$13,578,267	\$11,534,162	\$7,383,471	\$9,788,697	\$9,275,820	\$10,139,038
Z	Insurance		\$234,941	\$250,000	\$643,435	\$744,000	\$291,862	\$550,000	\$617,160	\$617,160
Z	Subcontractor Bond	\$323,645	\$296,026	\$649,870	\$434,725	\$367,746		\$375,000	\$320,924	\$320,924
Z	Design & Pricing Contingency	\$1,703,394	\$2,092,901	\$2,845,993	\$6,563,685	\$5,061,060	\$2,785,675	\$2,706,815	\$3,120,847	\$4,757,406
Z	General Conditions	\$1,429,573	\$2,511,368	\$1,549,651	\$4,151,922	\$4,044,377	\$2,740,348	\$5,234,605	\$3,478,880	\$2,962,365
Z	Overhead & Profit / GMP Fee	\$766,527	\$986,653	\$650,000	\$1,569,355	\$1,250,000	\$1,197,840	\$1,065,300	\$975,000	\$1,481,183
Z	CM at Risk Contingency		\$896,958	\$500,000			\$781,977	\$776,093		
	<b>Construction Subtotal</b>	<b>\$21,257,079</b>	<b>\$33,875,102</b>	<b>\$30,063,097</b>	<b>\$72,200,531</b>	<b>\$64,808,475</b>	<b>\$41,125,856</b>	<b>\$43,623,882</b>	<b>\$48,245,130</b>	<b>\$59,511,807</b>
Z	Project Scope Adjustments									
Z	Escalation to Construction Mid-Point	\$596,188	\$1,599,574	\$713,893	\$2,888,021	\$2,916,769	\$1,996,401	\$2,422,485	\$1,753,700	\$2,468,637
	<b>Total Construction Cost</b>	<b>\$21,853,267</b>	<b>\$35,474,676</b>	<b>\$30,776,990</b>	<b>\$75,088,552</b>	<b>\$67,725,244</b>	<b>\$43,122,257</b>	<b>\$46,046,367</b>	<b>\$49,998,830</b>	<b>\$61,980,444</b>
	<b>Cost per Square Foot</b>	<b>\$280</b>	<b>\$353</b>	<b>\$174</b>	<b>\$354</b>	<b>\$372</b>	<b>\$342</b>	<b>\$400</b>	<b>\$338</b>	<b>\$376</b>
Bid Alternates			\$938,130		\$1,647,109	\$3,500,000				
CM Preconstruction Services		\$100,000		\$120,000	\$149,540		\$198,000		\$150,000	
Construction Contingency	\$2,185,327	\$1,283,946	\$1,750,000	\$3,714,253	\$3,386,262	\$1,293,668	\$1,378,734	\$2,084,900	\$2,526,561	
Designer	\$2,569,000	\$3,290,532	\$2,995,350	\$6,383,665	\$6,528,539	\$4,170,500	\$4,707,120	\$4,537,364	\$6,917,495	
OPM & other Professional services	\$1,176,000	\$1,267,968	\$1,038,600	\$1,722,700	\$2,350,461	\$1,082,000	\$1,725,020	\$1,660,000	\$1,989,500	
FF&E/IT	\$744,000	\$1,578,000	\$994,000	\$3,216,000	\$2,640,000	\$2,075,000	\$1,608,000	\$2,412,000	\$1,704,000	
Legal Fees	\$10,000		\$30,000	\$12,000						
Other Soft Costs	\$155,000	\$150,000	\$75,000	\$296,000	\$4,240,000	\$507,500	\$203,000	\$239,906	\$367,000	
Owner's Contingency	\$1,000,000	\$427,982	\$250,000	\$500,000	\$1,479,954	\$2,038,770	\$1,466,166	\$417,000	\$265,000	
	<b>Total Project Budget ***</b>	<b>\$29,692,594</b>	<b>\$44,511,234</b>	<b>\$37,999,940</b>	<b>\$92,598,279</b>	<b>\$92,000,000</b>	<b>\$54,301,695</b>	<b>\$57,332,407</b>	<b>\$61,500,000</b>	<b>\$75,750,000</b>
Bid Alternates			\$938,130		\$1,647,109	\$3,500,000				\$0
Ineligible Costs & Contingency								\$918,270	\$1,584,912	\$2,077,834
Scope Exclusions	\$717,199	\$8,140,051	\$374,213	\$13,175,964	\$21,520,157	\$7,044,756	\$9,370,472	\$8,682,744	\$25,527,015	
<b>Basis for Total Facilities Grant</b>	<b>\$28,975,395</b>	<b>\$35,433,053</b>	<b>\$37,625,727</b>	<b>\$77,775,206</b>	<b>\$66,979,843</b>	<b>\$47,256,939</b>	<b>\$47,043,665</b>	<b>\$51,232,344</b>	<b>\$48,145,151</b>	
<b>Reimbursement Rate</b>	<b>80.00%</b>	<b>58.61%</b>	<b>80.00%</b>	<b>56.16%</b>	<b>80.00%</b>	<b>57.93%</b>	<b>80.00%</b>	<b>78.93%</b>	<b>44.06%</b>	
<b>Maximum Facilities Grant</b>	<b>\$23,180,316</b>	<b>\$20,767,312</b>	<b>\$30,100,582</b>	<b>\$43,678,556</b>	<b>\$53,583,874</b>	<b>\$27,375,945</b>	<b>\$37,634,932</b>	<b>\$40,363,275</b>	<b>\$20,945,070</b>	

1 - Haverhill Caleb Dustin Dunking Middle School - Maximum Total Facilities Grant reflects recovery of \$74,414.

2 - Scituate Gates Intermediate School - The Maximum Facilities Grant reflects recovery cost of \$267,684.

\*\*\* Total Project Budget Value includes the cost of Alternates.

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Estimated Construction & Total Project Budget Cost Data at Schematic Design [ON OR AFTER JANUARY 1, 2014]

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Date Board Approved	Sep-15	Sep-15	Jul-16	Feb-17	Feb-17	Jun-17	Feb-18	Oct-18	
District	Beverly	Provincetown	Quincy <sup>3</sup>	Lynn	Lynn	Braintree <sup>4</sup>	Natick <sup>5</sup>	Framingham <sup>6</sup>	
School Name	New Beverly Middle School (Briscoe MS)	Provincetown Schools (k-8)	Reay E Sterling MS (5-8)	Pickering Middle School	West Lynn Middle School	East Middle School	John F. Kennedy MS	Fuller MS	
Construction Type	New	Repair	New	New	New	Add/Reno	New	New	
Enrollment	1,395	n/a	430	652	1,008	1,180	1,000	630	
GSF	231,509	62,645	95,732	131,295	185,444	184,425	182,195	136,970	
Assumed Start of Construction	Dec-15	Apr-16	Jul-17	Apr-18		Feb-18	Mar-19	Jun-19	
OPM	HEERY	Atlantic Construction & Management, Inc.	Joslin, lesser + Assoc. Inc. / NV5	LEFTFIELD, LLC	LEFTFIELD, LLC	Hill International	Compass Project Management	Symmes Maini & Mckee Associates, Inc.	
Designer	Ai3	Raymond Design & Associates, Inc. (RDA)	Ai3 Architects, LLC.	Raymond Design Associates Inc.	Raymond Design Associates Inc.	Miller Dyer Spears Architects	Ai3	Jonathan Levi Architects	
Cost Estimator	PM&C	Atlantic Construction & Management, Inc.	VJ Associates	AM Fogarty	AM Fogarty	VJ Associates	PM&C	Miyakoda Consulting	
Division #	Description of Work	Total Costs							
A	Substructure	\$8,661,726	\$0	\$3,695,436	\$2,944,085	\$9,817,190	\$2,216,125	\$2,738,705	\$3,342,276
B	Shell	\$18,581,244	\$595,444	\$8,618,110	\$16,559,310	\$21,785,576	\$11,767,216	\$19,613,953	\$14,511,874
B10	Superstructure	\$8,055,454	\$32,235	\$5,779,904	\$5,779,904	\$8,268,346	\$3,366,619	\$7,622,103	\$4,939,081
B20	Exterior Enclosure	\$8,798,120	\$140,636	\$4,160,996	\$9,095,044	\$11,451,368	\$5,934,014	\$9,779,002	\$7,306,182
B2010	Exterior Walls	\$8,798,120	\$17,165	\$0	\$5,124,696	\$6,544,993	\$3,689,175	\$6,871,683	\$4,172,373
B2020	Exterior Windows	\$0	\$123,471	\$0	\$3,810,785	\$4,787,663	\$2,153,409	\$2,739,101	\$3,024,209
B2030	Exterior Doors	\$0	\$0	\$0	\$159,563	\$118,712	\$91,430	\$168,218	\$109,600
B30	Roofing	\$1,727,670	\$422,573	\$1,067,845	\$1,684,362	\$2,065,862	\$2,466,583	\$2,212,848	\$2,266,611
C	Interiors	\$10,901,709	\$428,745	\$7,024,669	\$8,801,078	\$10,955,486	\$8,050,769	\$14,162,844	\$10,819,707
D	Services	\$21,179,383	\$2,588,900	\$9,272,302	\$13,736,509	\$19,322,059	\$19,160,544	\$20,087,882	\$15,330,863
D10	Conveying	\$430,000	\$0	\$216,000	\$136,620	\$174,420	\$150,000	\$509,000	\$242,200
D20	Plumbing	\$3,008,324	\$87,949	\$1,283,038	\$1,749,876	\$2,410,023	\$2,473,540	\$2,904,835	\$2,051,850
D30	HVAC	\$8,137,370	\$2,098,370	\$3,359,852	\$6,443,305	\$9,215,266	\$7,622,123	\$7,085,764	\$7,052,250
D40	Fire Protection	\$951,036	\$65,000	\$368,818	\$577,706	\$820,633	\$890,696	\$750,546	\$752,345
D50	Electrical Utilities	\$8,652,653	\$337,581	\$4,044,594	\$4,829,002	\$6,701,717	\$8,024,185	\$8,837,737	\$5,232,218
E	Furnishings & Fixed Equipment	\$3,626,858	\$58,080	\$958,806	\$2,357,684	\$2,854,671	\$2,895,585	\$1,750,477	\$3,228,022
	Building Value Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Building Subtotal</b>	<b>\$62,950,920</b>	<b>\$3,671,169</b>	<b>\$29,569,323</b>	<b>\$44,398,666</b>	<b>\$64,734,982</b>	<b>\$44,090,239</b>	<b>\$58,353,861</b>	<b>\$47,232,742</b>
F	Special Construction & Demo	\$2,402,500	\$232,785	\$2,243,488	\$0	\$0	\$1,892,087	\$1,632,080	\$3,063,200
G	Other Site Construction	\$5,831,721	\$482,123	\$3,177,348	\$6,487,381	\$3,940,686	\$3,307,612	\$7,881,013	\$6,719,690
G10	Site Preparation	\$1,726,765	\$42,374	\$554,530	\$2,035,881	\$991,480	\$717,953	\$1,606,330	\$2,816,982
G20	Site Improvements	\$2,344,492	\$396,624	\$1,864,777	\$2,325,061	\$1,580,123	\$1,733,579	\$3,954,009	\$2,786,868
G30	Mechanical Utilities	\$1,104,424	\$43,125	\$636,791	\$1,700,229	\$1,027,253	\$619,080	\$1,577,654	\$715,840
G40	Electrical Utilities	\$656,040	\$0	\$121,250	\$426,210	\$341,830	\$237,000	\$743,020	\$400,000
	Other Site Construction	\$202,677	\$0	\$4,500	\$0	\$0	\$0	\$0	\$0
	<b>Subtotal</b>	<b>\$71,387,818</b>	<b>\$4,386,077</b>	<b>\$34,994,659</b>	<b>\$50,886,047</b>	<b>\$68,675,668</b>	<b>\$49,289,938</b>	<b>\$67,866,954</b>	<b>\$57,015,632</b>
Z	Mark-Ups	\$15,687,921	\$1,236,083	\$9,806,602	\$13,248,348	\$12,067,839	\$15,982,264	\$16,503,189	\$17,444,969
Z	Insurance	\$868,582	\$54,826	\$812,244	\$732,600	\$915,799	\$991,960	\$1,153,738	\$3,607,137
Z	Subcontractor Bond	\$394,405	\$28,510	\$673,992	\$673,992	\$842,535	\$425,126	\$678,670	\$698,690
Z	Design & Pricing Contingency	\$6,747,967	\$559,699	\$3,499,466	\$4,862,674	\$1,841,238	\$6,629,497	\$6,786,695	\$5,395,243
Z	General Conditions	\$4,341,939	\$364,750	\$3,794,515	\$4,341,721	\$5,171,390	\$5,384,926	\$5,848,077	\$3,651,036
Z	Overhead & Profit / GMP Fee	\$1,623,316	\$228,298	\$895,506	\$1,465,201	\$1,831,598	\$1,417,086	\$2,036,009	\$2,192,863
Z	CM at Risk Contingency	\$1,711,712	\$0	\$804,877	\$1,172,160	\$1,465,279	\$1,133,669	\$1,133,669	\$1,900,000
	<b>Construction Subtotal</b>	<b>\$87,075,739</b>	<b>\$5,622,160</b>	<b>\$44,801,261</b>	<b>\$64,134,395</b>	<b>\$80,743,507</b>	<b>\$65,272,202</b>	<b>\$84,370,143</b>	<b>\$74,460,601</b>
Z	Project Scope Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Z	Escalation to Construction Mid-Point	\$3,053,693	\$87,722	\$1,749,733	\$2,559,302	\$2,747,027	\$2,464,497	\$3,189,747	\$3,474,828
	<b>Total Construction Cost</b>	<b>\$90,129,432</b>	<b>\$5,709,882</b>	<b>\$46,550,994</b>	<b>\$66,693,697</b>	<b>\$83,490,534</b>	<b>\$67,736,699</b>	<b>\$87,559,890</b>	<b>\$77,935,429</b>
	<b>Cost per Square Foot</b>	<b>\$389</b>	<b>\$91</b>	<b>\$486</b>	<b>\$508</b>	<b>\$450</b>	<b>\$367</b>	<b>\$481</b>	<b>\$569</b>
	Bid Alternates	\$0	\$0	\$0	\$0	\$3,998,400	\$0	\$0	\$0
	CM Preconstruction Services	\$192,064	\$0	\$135,000	\$100,000	\$100,000	\$150,000	\$0	\$400,000
	Construction Contingency	\$2,703,883	\$342,593	\$2,001,657	\$3,349,685	\$4,174,527	\$2,715,468	\$4,249,059	\$3,896,771
	Designer	\$9,253,171	\$669,260	\$5,341,171	\$7,226,726	\$6,195,000	\$7,062,476	\$9,369,652	\$8,240,068
	OPM & other Professional services	\$3,504,530	\$526,136	\$1,721,088	\$2,444,100	\$2,630,000	\$2,365,643	\$3,103,489	\$2,827,901
	FF&E/IT	\$3,348,000	\$0	\$1,720,000	\$1,564,800	\$2,419,200	\$2,832,000	\$4,201,910	\$2,268,000
	Legal Fees	\$25,000	\$0	\$0	\$0	\$0	\$40,000	\$25,000	\$80,000
	Other Soft Costs	\$355,000	\$5,580	\$265,000	\$1,277,600	\$330,000	\$75,000	\$551,000	\$1,070,000
	Owner's Contingency	\$1,200,000	\$57,099	\$580,000	\$1,004,905	\$1,252,358	\$494,925	\$500,000	\$1,558,709
	<b>Total Project Budget ***</b>	<b>\$110,711,080</b>	<b>\$7,310,550</b>	<b>\$58,314,910</b>	<b>\$83,661,513</b>	<b>\$104,590,019</b>	<b>\$83,472,211</b>	<b>\$109,560,000</b>	<b>\$98,276,878</b>
	Bid Alternates	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Ineligible Costs & Contingency	\$1,802,589	\$57,099	\$1,536,147	\$2,682,748	\$3,339,622	\$1,367,894	\$3,386,389	\$3,117,417
	Scope Exclusions	\$21,349,824	\$245,301	\$16,776,493	\$27,108,897	\$29,985,402	\$10,890,317	\$28,761,414	\$31,821,650
	<b>Basis for Total Facilities Grant</b>	<b>\$87,558,667</b>	<b>\$7,008,150</b>	<b>\$40,002,270</b>	<b>\$53,869,868</b>	<b>\$71,264,995</b>	<b>\$71,214,000</b>	<b>\$77,412,197</b>	<b>\$63,337,811</b>
	Reimbursement Rate	56.19%	50.68%	73.22%	80.00%	80.00%	57.98%	48.21%	62.31%
	<b>Maximum Facilities Grant</b>	<b>\$49,199,215</b>	<b>\$3,551,730</b>	<b>\$29,285,563</b>	<b>\$43,095,894</b>	<b>\$57,011,996</b>	<b>\$41,289,877</b>	<b>\$37,320,420</b>	<b>\$39,465,790</b>

3 - Quincy R.E. Sterling MS - The Maximum Facilities Grant reflects recovery cost of \$4,099.  
 4 - Braintree East MS - The Maximum Facilities Grant reflects recovery cost of \$7,160.  
 5 - Natick JFK - The Maximum Facilities Grant reflects recovery cost of \$12,929.

6 - Framingham Fuller MS - The Maximum Facilities Grant reflects a recovery cost of \$11,858.  
 7 - Dennis - Yarmouth Mattacheese MS - The Maximum Facilities Grant reflects a recovery cost of \$15,901.  
 8 - Weymouth Chapman MS - The Maximum Facilities Grant reflects a recovery cost of \$45,007.

Information as of:

Estimated Construction & Total Project Budget Cost Data at Schematic Design [ON OR AFTER JANUARY 1, 2014]

Middle Schools

October 2020

The information and data contained in this spreadsheet, for construction projects starting January 2014, is based on the MSBA's review of construction cost estimates, contracts and other documentation provided by cities, towns, and regional school districts. This information and data is intended for informational purposes only. The data may have changed based on actual construction bids or contract amendments, for example, and the MSBA shall have no responsibility or duty to update any of the information contained in this spreadsheet. Please contact the Districts for the most current information. The MSBA hereby disclaims any and all liability and responsibility that may arise in connection with the information contained in this spreadsheet. This spreadsheet may include a preliminary review of scope exclusions but all costs identified are subject to review and audit by the MSBA and may not be eligible for reimbursement by the MSBA.

Board Meeting

Date Board Approved	Dec-18	Apr-19	Aug-19	Aug-19	Aug-19	Apr-20		
District	Dennis-Yarmouth <sup>7</sup>	Weymouth <sup>8</sup>	Braintree <sup>9</sup>	Holyoke <sup>10</sup>	Holyoke <sup>11</sup>	Leicester <sup>12</sup>	TOTAL	
School Name	Mattacheese MS	Maria Weston Chapman MS	South MS	Chestnut St. MS	Peck MS	Leicester MS	ALL MIDDLE SCHOOLS	
Construction Type	New	Add / Reno	New	New	New	New		
Enrollment	940	1,470	800	550	550	930		
GSF	186,500	252,170	145,846	105,460	105,840	152,464		
Assumed Start of Construction	Feb-20	Jul-20	Dec-20	Jul-21	Jul-21	Aug-21		
OPM	PMA	Hill International	Hill International	Pinck & Co.	Pinck & Co.	NV5		
Designer	Perkins Eastman	HMFH	Miller Dyer Spears	Jones Whitsett Architects	Jones Whitsett Architects	Finegold Alexander Architects, Inc.		
Cost Estimator	AM Fogarty	PM&C	AM Fogarty	PM&C	PM&C	PM&C		
Division #	Description of Work							
A	Substructure	\$5,235,646	\$5,468,546	\$3,897,429	\$1,766,666	\$2,050,856	\$2,521,902	\$76,170,073
B	Shell	\$22,516,695	\$26,642,961	\$14,783,719	\$13,360,637	\$12,426,703	\$14,239,181	\$227,763,017
B10	Superstructure	\$7,187,981	\$9,815,010	\$5,112,218	\$5,977,704	\$5,874,418	\$5,723,862	\$116,079,224
B20	Exterior Enclosure	\$11,577,704	\$12,348,557	\$7,348,021	\$5,701,713	\$5,040,578	\$7,061,105	\$113,698,649
B2010	Exterior Walls	\$6,916,489	\$12,348,557	\$3,614,396	\$3,964,466	\$3,500,471	\$4,228,039	\$98,358,160
B2020	Exterior Windows	\$4,455,765		\$3,563,718	\$1,667,430	\$1,436,140	\$2,749,456	\$33,955,921
B2030	Exterior Doors	\$205,450		\$169,907	\$69,817	\$103,967	\$83,610	\$1,734,601
B30	Roofing	\$3,751,010	\$4,479,394	\$2,323,480	\$1,681,220	\$1,511,707	\$1,454,214	\$41,938,371
C	Interiors	\$12,872,813	\$17,862,596	\$9,752,765	\$6,335,081	\$6,841,778	\$8,571,657	\$143,381,546
D	Services	\$19,103,325	\$25,648,214	\$16,905,811	\$10,970,881	\$11,427,548	\$15,374,692	\$245,097,659
D10	Conveying	\$207,000	\$272,800	\$293,000	\$251,100	\$211,100	\$167,170	\$4,948,770
D20	Plumbing	\$2,393,190	\$3,650,580	\$2,344,845	\$1,422,253	\$1,412,795	\$2,223,373	\$44,518,271
D30	HVAC	\$9,194,295	\$12,664,638	\$6,985,250	\$4,621,079	\$4,820,322	\$6,920,297	\$142,238,808
D40	Fire Protection	\$884,850	\$1,164,284	\$862,847	\$513,542	\$494,150	\$751,180	\$15,356,851
D50	Electrical Utilities	\$6,423,990	\$7,895,912	\$6,419,869	\$4,162,907	\$4,489,181	\$5,312,672	\$118,362,105
E	Furnishings & Fixed Equipment	\$2,877,820	\$5,381,629	\$2,440,953	\$1,333,133	\$1,362,794	\$2,676,229	\$34,737,514
	Building Value Engineering							\$0
	<b>Building Subtotal</b>	<b>\$62,606,299</b>	<b>\$81,003,946</b>	<b>\$47,780,677</b>	<b>\$33,766,398</b>	<b>\$34,109,679</b>	<b>\$43,383,661</b>	<b>\$711,444,410</b>
F	Special Construction & Demo	\$0	\$5,690,445	\$100,000	\$0	\$2,924,000	\$1,968,068	\$23,368,484
G	Other Site Construction	\$9,485,544	\$9,965,351	\$6,653,556	\$4,376,031	\$4,933,611	\$7,888,022	\$77,548,439
G10	Site Preparation	\$751,859	\$1,759,548	\$1,623,909	\$858,985	\$743,198	\$2,628,823	\$25,534,937
G20	Site Improvements	\$7,200,095	\$5,817,263	\$2,613,085	\$2,632,791	\$3,046,688	\$1,581,525	\$53,849,180
G30	Mechanical Utilities	\$875,790	\$1,657,940	\$1,738,440	\$592,155	\$675,950	\$3,045,774	\$22,131,751
G40	Electrical Utilities	\$657,800	\$730,600	\$678,122	\$292,100	\$467,775	\$631,900	\$9,849,142
	Other Site Construction		\$0			\$13,075	\$2,734,497	\$207,177
	<b>Subtotal</b>	<b>\$72,091,843</b>	<b>\$96,659,742</b>	<b>\$54,534,233</b>	<b>\$38,142,429</b>	<b>\$41,980,365</b>	<b>\$55,974,248</b>	<b>\$812,568,510</b>
Z	Mark-Ups	\$18,048,057	\$25,970,125	\$12,547,615	\$8,693,313	\$9,922,209	\$12,540,694	\$198,762,357
Z	Insurance	\$1,036,320	\$2,414,817	\$1,163,670	\$452,391	\$501,099	\$0	\$17,083,091
Z	Subcontractor Bond	\$829,056	\$0	\$0	\$339,293	\$375,824	\$1,242,976	\$9,297,013
Z	Design & Pricing Contingency	\$7,209,184	\$9,955,953	\$5,453,423	\$3,432,819	\$3,778,233	\$4,729,518	\$102,519,385
Z	General Conditions	\$5,803,393	\$7,849,792	\$4,408,193	\$2,261,500	\$2,853,500	\$3,045,775	\$87,223,596
Z	Overhead & Profit / GMP Fee	\$3,170,104	\$2,299,825	\$1,201,996	\$1,201,996	\$1,300,000	\$1,901,754	\$33,027,737
Z	CM at Risk Contingency		\$3,449,738		\$1,005,314	\$1,113,553	\$1,620,671	\$14,592,463
	<b>Construction Subtotal</b>	<b>\$90,139,900</b>	<b>\$122,629,867</b>	<b>\$67,081,848</b>	<b>\$46,835,742</b>	<b>\$51,902,574</b>	<b>\$68,514,942</b>	<b>\$1,011,330,867</b>
Z	Project Scope Adjustments							\$3,189,747
Z	Escalation to Construction Mid-Point	\$3,604,592	\$5,475,774	\$2,099,568	\$3,429,958	\$3,775,084	\$3,653,286	\$55,530,732
	<b>Total Construction Cost</b>	<b>\$93,744,492</b>	<b>\$128,105,641</b>	<b>\$69,181,416</b>	<b>\$50,265,700</b>	<b>\$55,677,658</b>	<b>\$72,168,228</b>	<b>\$1,051,617,676</b>
	<b>Cost per Square Foot</b>	<b>\$503</b>	<b>\$508</b>	<b>\$474</b>	<b>\$477</b>	<b>\$526</b>	<b>\$473</b>	
Bid Alternates	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,083,639
CM Preconstruction Services		\$480,000	\$0	\$0	\$166,380	\$180,000	\$250,000	\$2,870,984
Construction Contingency	\$4,687,225	\$6,405,282	\$3,113,164	\$1,507,971	\$1,670,330	\$5,177,153	\$5,177,153	\$65,598,419
Designer	\$10,839,820	\$14,995,255	\$7,321,614	\$5,473,120	\$5,952,766	\$7,446,876	\$7,446,876	\$106,296,909
OPM & other Professional services	\$4,362,944	\$4,600,160	\$2,685,599	\$2,335,060	\$2,106,847	\$2,534,946	\$2,534,946	\$37,498,080
FF&E/IT	\$2,256,000	\$5,292,000	\$1,920,000	\$1,595,000	\$1,595,000	\$2,883,000	\$2,883,000	\$37,580,910
Legal Fees	\$25,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$297,000
Other Soft Costs	\$350,000	\$1,407,000	\$600,000	\$110,500	\$2,145,500	\$260,000	\$260,000	\$10,512,586
Owner's Contingency	\$713,350	\$2,899,792	\$1,764,126	\$1,005,314	\$1,113,553	\$684,531	\$684,531	\$22,673,534
	<b>Total Project Budget ***</b>	<b>\$116,978,831</b>	<b>\$164,235,130</b>	<b>\$86,585,919</b>	<b>\$62,459,045</b>	<b>\$70,441,654</b>	<b>\$91,404,734</b>	<b>\$1,318,562,141</b>
Bid Alternates	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,085,239
Ineligible Costs & Contingency	\$3,749,780	\$3,843,169	\$2,421,350	\$1,005,314	\$1,113,553	\$4,455,471	\$4,455,471	\$38,459,558
Scope Exclusions	\$34,632,233	\$61,100,393	\$24,250,410	\$16,383,564	\$19,605,879	\$22,048,557	\$22,048,557	\$439,512,905
	<b>Basis for Total Facilities Grant</b>	<b>\$78,596,818</b>	<b>\$99,291,568</b>	<b>\$59,914,159</b>	<b>\$45,070,167</b>	<b>\$49,722,222</b>	<b>\$64,900,706</b>	<b>\$990,732,099</b>
	Reimbursement Rate	57.68%	61.08%	53.96%	80.00%	80.00%	65.04%	
	<b>Maximum Facilities Grant</b>	<b>\$45,334,645</b>	<b>\$60,647,290</b>	<b>\$32,329,680</b>	<b>\$36,056,134</b>	<b>\$39,777,778</b>	<b>\$42,211,419</b>	<b>\$643,184,992</b>

9 - Braintree South MS - The Maximum Facilities Grant reflects a recovery cost of \$7,167.

10 - Holyoke Chestnut St. MS - The Maximum Facilities Grant reflects a recovery cost of \$15,783.

11 - Holyoke Peck MS - The Maximum Facilities Grant reflects a recovery cost of \$1,630. Feasibility study funding is included within the Chestnut MS

12 - Leicester MS - The Maximum Facilities Grant reflects a recovery cost of -\$274,025.