

**Information as of:**

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

**Middle Schools**

**December 2019 Board Meeting**

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	Oct-13	Apr-13	Sep-14	Jun-14	Nov-14	Sep-15	
District	North Adams	Auburn	Chicopee	Peabody	Lynn	Wachusett	Chelsea	Haverhill <sup>1</sup>	Scituate <sup>2</sup>	Beverly	
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	New Beverly Middle School (Briscoe MS)	
Construction Type	Add/Reno	New	Renovation	New	New	New	New	New	New	New	
Enrollment	310	560	825	1,340	1,100	800	670	1,005	710	1,395	
GSF	78,119	100,395	176,425	211,982	181,847	126,200	115,235	147,996	164,803	231,509	
Assumed Start of Construction	Jan-14	Apr-14	Jul-14	Jun-14	May-14	Mar-14	Feb-15	May-15	Dec-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.	HEERY	
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.	Ai3	
Cost Estimator	AM Fogarty	AM Fogarty	VJ Associates	AM Fogarty	VJ Associates	AM Fogarty	PM&C	VJ Associates	PM&C	PM&C	
Division #	Description of Work										
<b>Total Costs</b>											
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	\$8,661,726
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	\$18,581,244
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	\$8,055,454
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	\$8,798,120
B2010	Exterior Walls		\$2,719,810	\$292,610	\$4,806,352	\$4,969,818	\$3,820,285	\$2,622,495	\$4,272,072	\$5,064,095	\$8,798,120
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	\$0
B2030	Exterior Doors		\$156,649	\$46,500	\$139,575	\$143,219	\$83,030	\$98,180	\$168,305	\$0	\$0
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	\$1,727,670
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	\$10,901,709
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	\$21,179,383
D10	Conveying	\$247,300	\$84,860	\$175,000	\$210,420	\$186,500	\$144,360	\$273,500	\$186,420	\$180,000	\$430,000
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	\$3,008,324
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	\$8,137,370
D40	Fire Protection	\$415,900	\$436,175	\$790,025	\$880,896	\$746,400	\$504,292	\$455,554	\$668,051	\$611,925	\$951,036
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	\$8,652,653
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	\$3,626,858
	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>	<b>\$62,950,920</b>
F	Special Construction & Demo	\$1,173,870		\$1,107,713	\$3,396,348	\$367,520	\$1,480,548	\$3,137,750	\$743,385	\$495,210	\$2,402,500
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	\$5,831,721
G10	Site Preparation	\$229,800	\$826,741	\$164,112	\$1,914,616	\$751,752	\$773,405	\$265,270	\$869,996	\$880,628	\$1,726,765
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	\$2,344,492
G30	Mechanical Utilities	\$190,300	\$1,023,406	\$378,640	\$910,885	\$554,114	\$745,054	\$170,750	\$693,501	\$1,454,656	\$1,104,424
G40	Electrical Utilities	\$101,000	\$321,508	\$75,218	\$635,650	\$157,950	\$527,842	\$135,720	\$691,207	\$819,400	\$666,040
	Other Site Construction										\$202,677
	<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>	<b>\$71,387,818</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	\$15,687,921
Z	Insurance	\$234,941	\$234,941	\$250,000	\$643,435	\$744,000	\$291,862	\$560,000	\$617,160	\$868,582	
Z	Subcontractor Bond	\$323,645	\$296,026	\$649,870	\$434,725	\$367,746	\$375,000	\$320,924	\$320,924	\$394,405	
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	\$6,747,967
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	\$4,341,939
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	\$1,623,316
Z	CM at Risk Contingency		\$896,958	\$500,000			\$781,977	\$776,093		\$1,711,712	
	<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>	<b>\$87,075,739</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	\$3,053,693
	<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>\$90,129,432</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>	<b>\$389</b>
Bid Alternates			\$938,130		\$1,647,109	\$3,500,000					
CM Preconstruction Services			\$100,000	\$120,000		\$149,540		\$198,000	\$150,000		\$192,064
Construction Contingency	\$2,185,327	\$1,283,946	\$1,283,946	\$1,750,000	\$3,714,253	\$3,386,262	\$1,293,668	\$1,378,734	\$2,084,900	\$2,526,561	\$2,703,883
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	\$9,253,171	
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	\$3,504,530	
FF&E/IT	\$744,000	\$1,578,000	\$994,000	\$3,216,000	\$2,640,000	\$2,600,000	\$2,075,000	\$1,608,000	\$2,412,000	\$1,704,000	\$3,348,000
Legal Fees	\$10,000		\$30,000			\$12,000					\$25,000
Other Soft Costs	\$155,000	\$150,000	\$75,000	\$296,000	\$4,240,000	\$507,500	\$203,000	\$239,906	\$367,000	\$355,000	
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	\$1,200,000	
	<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>	<b>\$110,711,080</b>
Bid Alternates			\$938,130		\$1,647,109	\$3,500,000				\$0	\$0
Ineligible Costs & Contingency								\$918,270	\$1,584,912	\$2,077,834	\$1,802,589
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	\$21,349,824	
<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>\$87,558,667</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>56.19%</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>	<b>\$49,199,215</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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Board Meeting

Date Board Approved		Sep-15	Jul-16	Feb-17	Feb-17	Jun-17	Feb-18	Oct-18	Dec-18	Apr-19	Aug-19
District		Provincetown	Quincy <sup>3</sup>	Lynn	Lynn	Braintree <sup>4</sup>	Natick <sup>5</sup>	Framingham <sup>6</sup>	Dennis-Yarmouth <sup>7</sup>	Weymouth <sup>8</sup>	Braintree <sup>9</sup>
School Name		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	Mattacheese MS	Maria Weston Chapman MS	South MS
Construction Type		Repair	New	New	New	Add/Reno	New	New	New	Add / Reno	New
Enrollment		n/a	430	652	1,008	1,180	1,000	630	940	1,470	800
GSF		62,645	95,732	131,295	185,444	184,425	182,195	136,970	186,500	252,170	145,846
Assumed Start of Construction		Apr-16	Jul-17	Apr-18		Feb-18	Mar-19	Jun-19	Feb-20	Jul-20	Dec-20
OPM		Atlantic Construction & Management, Inc.	Joslin, lesser + Assoc. Inc. / NV5	LEFTFIELD, LLC	LEFTFIELD, LLC	Hill International	Compass Project Management	Symmes Maini & Mckee Associates, Inc.	PMA	Hill International	Hill International
Designer		Raymond Design & Associates, Inc. (RDA)	Ai3 Architects, LLC.	Raymond Design Associates Inc.	Raymond Design Associates Inc.	Miller Dyer Spears Architects	Ai3	Jonathan Levi Architects	Perkins Eastman	HMFH	Miller Dyer Spears
Cost Estimator		Atlantic Construction & Management, Inc.	VJ Associates	AM Fogarty	AM Fogarty	VJ Associates	PM&C	Miyakoda Consulting	AM Fogarty	PM&C	AM Fogarty
Division #		Description of Work									
		Total Costs									
A	Substructure	\$0	\$3,695,436	\$2,944,085	\$9,817,190	\$2,216,125	\$2,738,705	\$3,342,276	\$5,235,646	\$5,468,546	\$3,897,429
B	Shell	\$595,444	\$8,618,110	\$16,559,310	\$21,785,576	\$11,767,216	\$19,613,953	\$14,511,874	\$22,516,695	\$26,642,961	\$14,783,719
B10	Superstructure	\$32,235	\$3,389,269	\$5,779,904	\$8,268,346	\$3,366,619	\$7,622,103	\$4,939,081	\$7,187,981	\$9,815,010	\$5,112,218
B20	Exterior Enclosure	\$140,636	\$4,160,996	\$9,095,044	\$11,451,368	\$5,934,014	\$9,779,002	\$7,306,182	\$11,577,704	\$12,348,557	\$7,348,021
B2010	Exterior Walls	\$17,165	\$0	\$5,124,696	\$6,544,993	\$3,689,175	\$6,871,683	\$4,172,373	\$6,916,489	\$12,348,557	\$3,614,396
B2020	Exterior Windows	\$123,471	\$0	\$3,810,785	\$4,787,663	\$2,153,409	\$2,739,101	\$3,024,209	\$4,455,765		\$3,563,718
B2030	Exterior Doors	\$0	\$0	\$159,563	\$118,712	\$91,430	\$168,218	\$109,600	\$205,450		\$169,907
B30	Roofing	\$422,573	\$1,067,845	\$1,684,362	\$2,065,862	\$2,466,583	\$2,212,848	\$2,266,611	\$3,751,010	\$4,479,394	\$2,323,480
C	Interiors	\$428,745	\$7,024,669	\$8,801,078	\$10,955,486	\$8,050,769	\$14,162,844	\$10,819,707	\$12,872,813	\$17,862,596	\$9,752,765
D	Services	\$2,588,900	\$9,272,302	\$13,736,509	\$19,322,059	\$19,160,544	\$20,087,882	\$15,330,863	\$19,103,325	\$25,648,214	\$16,905,811
D10	Conveying	\$0	\$216,000	\$136,620	\$174,420	\$150,000	\$509,000	\$242,200	\$207,000	\$272,800	\$293,000
D20	Plumbing	\$87,949	\$1,283,038	\$1,749,876	\$2,410,023	\$2,473,540	\$2,904,835	\$2,051,850	\$2,393,190	\$3,650,580	\$2,344,845
D30	HVAC	\$2,098,370	\$3,359,852	\$6,443,305	\$9,215,266	\$7,622,123	\$7,085,764	\$7,052,250	\$9,194,295	\$12,664,638	\$6,985,250
D40	Fire Protection	\$65,000	\$368,818	\$577,706	\$820,633	\$890,696	\$750,546	\$752,345	\$884,850	\$1,164,284	\$862,847
D50	Electrical Utilities	\$337,581	\$4,044,594	\$4,829,002	\$6,701,717	\$8,024,185	\$8,837,737	\$5,232,218	\$6,423,990	\$7,895,912	\$6,419,869
E	Furnishings & Fixed Equipment	\$58,080	\$958,806	\$2,357,684	\$2,854,671	\$2,895,585	\$1,750,477	\$3,228,022	\$2,877,820	\$5,381,629	\$2,440,953
	Building Value Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Building Subtotal</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>	<b>\$62,606,299</b>	<b>\$81,003,946</b>	<b>\$47,780,677</b>
F	Special Construction & Demo	\$232,785	\$2,243,488	\$0	\$0	\$1,892,087	\$1,632,080	\$3,063,200	\$0	\$5,690,445	\$100,000
G	Other Site Construction	\$482,123	\$3,177,348	\$6,487,381	\$3,940,686	\$3,307,612	\$7,881,013	\$6,719,690	\$9,485,544	\$9,965,351	\$6,653,556
G10	Site Preparation	\$42,374	\$554,530	\$2,035,881	\$991,480	\$717,953	\$1,606,330	\$2,816,982	\$751,859	\$1,759,548	\$1,623,909
G20	Site Improvements	\$396,624	\$1,864,777	\$2,325,061	\$1,580,123	\$1,733,579	\$3,954,009	\$2,786,868	\$7,200,095	\$5,817,263	\$2,613,085
G30	Mechanical Utilities	\$43,125	\$636,791	\$1,700,229	\$1,027,253	\$619,080	\$1,577,654	\$715,840	\$875,790	\$1,657,940	\$1,738,440
G40	Electrical Utilities	\$0	\$121,250	\$426,210	\$341,830	\$237,000	\$743,020	\$400,000	\$657,800	\$730,600	\$678,122
	Other Site Construction	\$4,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Subtotal</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>	<b>\$72,091,843</b>	<b>\$96,659,742</b>	<b>\$54,534,233</b>
Z	Mark-Ups	\$1,236,083	\$9,806,602	\$13,248,348	\$12,067,839	\$15,982,264	\$16,503,189	\$17,444,969	\$18,048,057	\$25,970,125	\$12,547,615
Z	Insurance	\$54,826	\$812,244	\$732,600	\$915,799	\$991,960	\$1,153,738	\$3,607,137	\$6,306,320	\$2,414,817	\$1,163,670
Z	Subcontractor Bond	\$28,510	\$673,992	\$842,535	\$425,126	\$678,670	\$698,690	\$829,056	\$0	\$0	\$0
Z	Design & Pricing Contingency	\$559,699	\$3,499,466	\$4,862,674	\$1,841,238	\$6,629,497	\$6,786,695	\$5,395,243	\$7,209,184	\$9,955,953	\$5,453,423
Z	General Conditions	\$364,750	\$3,794,515	\$4,341,721	\$5,171,390	\$5,384,926	\$5,848,077	\$3,651,036	\$5,803,393	\$7,849,792	\$4,408,193
Z	Overhead & Profit / GMP Fee	\$228,298	\$895,500	\$1,465,201	\$1,831,598	\$1,417,086	\$2,036,009	\$2,192,863	\$3,170,104	\$2,299,825	\$1,522,329
Z	CM at Risk Contingency	\$0	\$804,877	\$1,172,160	\$1,133,669	\$1,133,669	\$1,900,000	\$1,900,000	\$3,449,738	\$3,449,738	\$0
	<b>Construction Subtotal</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>	<b>\$90,139,900</b>	<b>\$122,629,867</b>	<b>\$67,081,848</b>
Z	Project Scope Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Z	Escalation to Construction Mid-Point	\$87,722	\$1,749,733	\$2,559,302	\$2,747,027	\$2,464,497	\$3,189,747	\$3,474,828	\$3,604,592	\$5,475,774	\$2,099,568
<b>Total Construction Cost</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>\$93,744,492</b>	<b>\$128,105,641</b>	<b>\$69,181,416</b>
<b>Cost per Square Foot</b>		<b>\$91</b>	<b>\$486</b>	<b>\$508</b>	<b>\$450</b>	<b>\$367</b>	<b>\$481</b>	<b>\$569</b>	<b>\$503</b>	<b>\$508</b>	<b>\$474</b>
Bid Alternates	\$0	\$0	\$0	\$0	\$3,998,400	\$0	\$0	\$0	\$0	\$0	\$0
CM Preconstruction Services	\$0	\$135,000	\$100,000	\$100,000	\$150,000	\$0	\$400,000	\$0	\$480,000	\$0	\$0
Construction Contingency	\$342,593	\$2,001,657	\$3,349,685	\$4,174,527	\$2,715,468	\$4,249,059	\$3,896,771	\$4,687,225	\$6,405,282	\$3,113,164	
Designer	\$669,260	\$5,341,171	\$7,226,726	\$6,195,000	\$7,062,476	\$9,369,652	\$8,240,068	\$10,839,820	\$14,995,255	\$7,321,614	
OPM & other Professional services	\$526,136	\$1,721,088	\$2,444,100	\$2,630,000	\$2,365,643	\$3,103,489	\$2,827,901	\$4,362,944	\$4,600,160	\$2,685,599	
FF&E/IT	\$0	\$1,720,000	\$1,564,800	\$2,419,200	\$2,832,000	\$4,201,910	\$2,268,000	\$2,256,000	\$5,292,000	\$1,920,000	
Legal Fees	\$0	\$0	\$0	\$0	\$40,000	\$25,000	\$80,000	\$25,000	\$50,000	\$0	
Other Soft Costs	\$5,580	\$265,000	\$1,277,600	\$330,000	\$75,000	\$551,000	\$1,070,000	\$350,000	\$1,407,000	\$600,000	
Owner's Contingency	\$57,099	\$580,000	\$1,004,905	\$1,252,358	\$494,925	\$500,000	\$1,558,709	\$713,350	\$2,899,792	\$1,764,126	
<b>Total Project Budget ***</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>	<b>\$116,978,831</b>	<b>\$164,235,130</b>	<b>\$86,585,919</b>
Bid Alternates	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Ineligible Costs & Contingency	\$57,099	\$1,536,147	\$2,682,748	\$3,339,622	\$1,367,894	\$3,386,389	\$3,117,417	\$3,749,780	\$3,843,169	\$2,421,350	
Scope Exclusions	\$245,301	\$16,776,493	\$27,108,897	\$29,985,402	\$10,890,317	\$28,761,414	\$31,821,650	\$34,632,233	\$61,100,393	\$24,250,410	
<b>Basis for Total Facilities Grant</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>	<b>\$78,596,818</b>	<b>\$99,291,568</b>	<b>\$59,914,159</b>
<b>Reimbursement Rate</b>		<b>50.68%</b>	<b>73.22%</b>	<b>80.00%</b>	<b>80.00%</b>	<b>57.98%</b>	<b>48.21%</b>	<b>62.31%</b>	<b>57.68%</b>	<b>61.08%</b>	<b>53.96%</b>
<b>Maximum Facilities Grant</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>	<b>\$45,334,645</b>	<b>\$60,647,290</b>	<b>\$32,329,680</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.

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

Information as of:

December 2019  
Board Meeting

Estimated Construction & Total Project Budget Cost Data at Schematic Design [ON OR AFTER JANUARY 1, 2014]  
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	Aug-19	Aug-19
District	Holyoke <sup>10</sup>	Holyoke <sup>11</sup>
School Name	Chestnut St. MS	Peck MS
Construction Type	New	New
Enrollment	550	550
GSF	105,460	105,840
Assumed Start of Construction	Jul-21	Jul-21
OPM	Pinck & Co.	Pinck & Co.
Designer	Jones Whitsett Architects	Jones Whitsett Architects
Cost Estimator	PM&C	PM&C

TOTAL
ALL MIDDLE SCHOOLS

Division #	Description of Work			
A	Substructure	\$1,766,666	\$2,050,856	\$73,648,171
B	Shell	\$13,360,637	\$12,426,703	\$227,763,017
B10	Superstructure	\$5,977,704	\$5,874,418	\$110,355,362
B20	Exterior Enclosure	\$5,701,713	\$5,040,578	\$113,698,649
B2010	Exterior Walls	\$3,964,466	\$3,500,471	\$94,130,121
B2020	Exterior Windows	\$1,667,430	\$1,436,140	\$33,955,921
B2030	Exterior Doors	\$69,817	\$103,967	\$1,734,601
B30	Roofing	\$1,681,220	\$1,511,707	\$40,484,157
C	Interiors	\$6,335,081	\$6,841,778	\$143,381,546
D	Services	\$10,970,881	\$11,427,548	\$245,097,659
D10	Conveying	\$251,100	\$211,100	\$4,781,600
D20	Plumbing	\$1,422,253	\$1,412,795	\$42,294,898
D30	HVAC	\$4,621,079	\$4,820,322	\$135,318,511
D40	Fire Protection	\$513,542	\$494,150	\$14,605,671
D50	Electrical Utilities	\$4,162,907	\$4,489,181	\$113,049,433
E	Furnishings & Fixed Equipment	\$1,333,133	\$1,362,794	\$34,737,514
	Building Value Engineering			\$0
	<b>Building Subtotal</b>	<b>\$33,766,398</b>	<b>\$34,109,679</b>	<b>\$711,444,410</b>
F	Special Construction & Demo	\$0	\$2,924,000	\$23,368,484
G	Other Site Construction	\$4,376,031	\$4,933,611	\$77,548,439
G10	Site Preparation	\$858,985	\$743,198	\$22,906,114
G20	Site Improvements	\$2,632,791	\$3,046,688	\$52,267,655
G30	Mechanical Utilities	\$592,155	\$675,950	\$19,085,977
G40	Electrical Utilities	\$292,100	\$467,775	\$9,217,242
	Other Site Construction		\$13,075	\$207,177
	<b>Subtotal</b>	<b>\$38,142,429</b>	<b>\$41,980,365</b>	<b>\$812,568,510</b>
Z	Mark-Ups	\$8,693,313	\$9,922,209	\$198,762,357
Z	Insurance	\$452,391	\$501,099	\$17,083,091
Z	Subcontractor Bond	\$339,293	\$375,824	\$8,054,037
Z	Design & Pricing Contingency	\$3,432,819	\$3,778,233	\$97,789,867
Z	General Conditions	\$2,261,500	\$2,853,500	\$84,177,821
Z	Overhead & Profit / GMP Fee	\$1,201,996	\$1,300,000	\$31,125,983
Z	CM at Risk Contingency	\$1,005,314	\$1,113,553	\$14,592,463
	<b>Construction Subtotal</b>	<b>\$46,835,742</b>	<b>\$51,902,574</b>	<b>\$1,011,330,867</b>
Z	Project Scope Adjustments			\$3,189,747
Z	Escalation to Construction Mid-Point	\$3,429,958	\$3,775,084	\$51,877,446
	<b>Total Construction Cost</b>	<b>\$50,265,700</b>	<b>\$55,677,658</b>	<b>\$1,051,617,676</b>
	<b>Cost per Square Foot</b>	<b>\$477</b>	<b>\$526</b>	
Bid Alternates		\$0	\$0	\$10,083,639
CM Preconstruction Services		\$166,380	\$180,000	\$2,620,984
Construction Contingency		\$1,507,971	\$1,670,330	\$60,421,266
Designer		\$5,473,120	\$5,952,766	\$106,296,909
OPM & other Professional services		\$2,335,060	\$2,106,847	\$37,498,080
FF&E/IT		\$1,595,000	\$1,595,000	\$37,580,910
Legal Fees		\$0	\$0	\$297,000
Other Soft Costs		\$110,500	\$2,145,500	\$10,512,586
Owner's Contingency		\$1,005,314	\$1,113,553	\$21,989,003
	<b>Total Project Budget ***</b>	<b>\$62,459,045</b>	<b>\$70,441,654</b>	<b>\$1,318,562,141</b>
Bid Alternates				\$6,085,239
Ineligible Costs & Contingency		\$1,005,314	\$1,113,553	\$34,004,087
Scope Exclusions		\$16,383,564	\$19,605,879	\$417,464,348
	<b>Basis for Total Facilities Grant</b>	<b>\$45,070,167</b>	<b>\$49,722,222</b>	<b>\$990,732,099</b>
	Reimbursement Rate	80.00%	80.00%	
	<b>Maximum Facilities Grant</b>	<b>\$36,056,134</b>	<b>\$39,777,778</b>	<b>\$643,184,992</b>

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 budget.