

Information as of:

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

Middle Schools

April 2023

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. Additionally, districts may refer to their district and school names using different titles than what is shown in this report. 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	Nov-13	Jun-14	Sep-14	
District	North Adams	Auburn	Chicopee	Peabody	Wachusett	Lynn	Haverhill ¹	Abington	
School Name	Silvio O Conte MS	Auburn MS	Dupont MS	J Henry Higgins MS	Mountview MS	Thurgood Marshall Mid	Caleb Dustin Hunking	Frolio Jr HS	
Construction Type	Addition / Renovation	New Construction	Renovation	New Construction	New Construction	New Construction	New Construction	New Construction	
Enrollment	310	560	825	1,340	800	1,100	1,005	1,115	
GSF	78,119	101,424	176,425	227,314	126,200	181,847	147,996	235,370	
Assumed Start of Construction	Jan-14	Feb-14	Apr-14	Apr-14	May-14	May-14	May-15	Dec-15	
OPM	Colliers Project Leaders NE, LLC	Skanska USA Building, Inc	Arcadis U.S., Inc.	CHA Consulting, Inc.	Owner Employee	NV5 (fka Joslin, Lesser + Associates Inc.)	NV5 (fka Joslin, Lesser + Associates Inc.)	Knight, Bagge & Anderson Inc.	
Designer	Jones Whitsett Architects, Inc.	Lamoureux Pagano Associates Architects, Inc.	Caolo & Bieniek Associates, Inc.	DINisco Design, Inc.	Lamoureux Pagano Associates Architects, Inc.	Raymond Design Associates, Inc.	JCJ Architecture, PC	Ai3 Architects LLC	
Cost Estimator	MPR Consulting Associates Inc	A M Fogarty & Associates Inc.	VJ Associates of New England	A M Fogarty & Associates Inc.	A M Fogarty & Associates Inc.	VJ Associates of New England	VJ Associates of New England	Project Management & Cost	
Division #	Description of Work								
A	Substructure	\$153,700	\$1,312,435	\$301,703	\$2,908,292	\$1,480,143	\$7,244,706	\$2,486,821	\$3,653,884
B	Shell	\$4,250,600	\$7,638,427	\$3,244,857	\$16,064,335	\$10,231,943	\$16,624,415	\$12,055,257	\$17,931,830
B10	Superstructure	\$505,200	\$2,600,129	\$1,173,953	\$6,254,054	\$3,931,509	\$6,797,917	\$4,609,954	\$7,816,245
B20	Exterior Enclosure	\$3,144,900	\$3,593,701	\$1,766,632	\$7,513,989	\$5,074,898	\$7,829,061	\$5,670,811	\$7,886,336
B2010	Exterior Walls		\$2,719,810	\$292,610	\$4,806,352	\$3,820,285	\$4,969,818	\$4,272,072	\$4,770,639
B2020	Exterior Windows		\$717,242	\$1,427,522	\$2,568,062	\$1,171,583	\$2,716,024	\$1,300,559	\$2,922,392
B2030	Exterior Doors		\$156,649	\$46,500	\$139,575	\$83,030	\$143,219	\$98,180	\$193,305
B30	Roofing	\$600,500	\$1,444,597	\$304,272	\$2,296,292	\$1,225,536	\$1,997,437	\$1,774,492	\$2,229,249
C	Interiors	\$3,216,810	\$4,845,427	\$4,334,374	\$10,300,117	\$5,452,285	\$9,170,553	\$6,552,938	\$10,962,591
D	Services	\$5,960,900	\$7,902,151	\$13,627,146	\$16,117,582	\$9,881,752	\$14,941,020	\$12,212,163	\$20,376,534
D10	Conveying	\$247,300	\$84,860	\$175,000	\$210,420	\$144,360	\$186,420	\$186,420	\$152,800
D20	Plumbing	\$762,400	\$1,201,441	\$2,277,504	\$2,286,565	\$1,310,352	\$2,235,119	\$1,655,230	\$2,843,986
D30	HVAC	\$2,505,800	\$3,405,124	\$6,121,153	\$6,694,921	\$4,056,078	\$6,580,777	\$5,947,712	\$7,712,118
D40	Fire Protection	\$415,900	\$436,175	\$790,025	\$880,896	\$504,292	\$746,400	\$668,051	\$1,000,323
D50	Electrical Utilities	\$2,029,500	\$2,774,551	\$4,263,464	\$6,044,780	\$3,866,670	\$5,192,224	\$3,754,750	\$8,667,307
E	Furnishings & Fixed Equipment	\$939,100	\$1,652,518	\$608,580	\$2,171,878	\$1,913,682	\$1,933,070	\$1,139,563	\$3,495,197
	Building Value Engineering								
	Building Subtotal	\$14,521,110	\$23,350,958	\$22,116,660	\$47,562,204	\$28,959,805	\$49,913,764	\$34,446,742	\$56,420,036
F	Special Construction & Demo	\$1,173,870	\$1,107,713	\$1,107,713	\$3,396,348	\$1,480,548	\$367,520	\$743,385	\$2,127,480
G	Other Site Construction	\$1,338,960	\$3,505,297	\$1,043,080	\$7,663,712	\$3,302,032	\$2,993,029	\$3,779,183	\$6,692,931
G10	Site Preparation	\$229,800	\$826,741	\$164,112	\$1,914,616	\$773,405	\$751,752	\$869,996	\$1,251,640
G20	Site Improvements	\$817,860	\$1,333,642	\$425,110	\$4,202,561	\$1,255,731	\$1,529,213	\$1,524,479	\$3,539,666
G30	Mechanical Utilities	\$190,300	\$1,023,406	\$378,640	\$910,885	\$745,054	\$554,114	\$693,501	\$1,585,645
G40	Electrical Utilities	\$101,000	\$321,508	\$75,218	\$635,650	\$527,842	\$157,950	\$691,207	\$315,980
	Other Site Construction								
	Subtotal	\$17,033,940	\$26,856,255	\$24,267,453	\$58,622,264	\$33,742,385	\$53,274,313	\$38,969,310	\$65,240,447
Z	Mark-Ups	\$4,223,139	\$7,018,847	\$5,795,644	\$13,578,267	\$7,383,471	\$11,534,162	\$9,275,820	\$9,720,826
Z	Insurance		\$234,941	\$250,000	\$643,435	\$291,862	\$744,000	\$550,000	\$652,404
Z	Subcontractor Bond	\$323,645	\$296,026		\$649,870	\$367,746	\$434,725	\$375,000	\$587,164
Z	Design & Pricing Contingency	\$1,703,394	\$2,092,901	\$2,845,993	\$6,563,685	\$2,785,675	\$5,061,060	\$3,120,847	\$3,262,022
Z	General Conditions	\$1,429,573	\$2,511,368	\$1,549,651	\$4,151,922	\$2,740,348	\$4,044,377	\$3,478,880	\$3,588,225
Z	Overhead & Profit / GMP Fee	\$766,527	\$986,653	\$650,000	\$1,569,355	\$1,197,840	\$1,250,000	\$975,000	\$1,631,011
Z	CM at Risk Contingency		\$896,958	\$500,000				\$776,093	
	Construction Subtotal	\$21,257,079	\$33,875,102	\$30,063,097	\$72,200,531	\$41,125,856	\$64,808,475	\$48,245,130	\$74,961,273
Z	Project Scope Adjustments								
Z	Escalation to Construction Mid-Point	\$596,188	\$1,599,574	\$713,893	\$2,888,021	\$1,996,401	\$2,916,769	\$1,753,700	\$2,248,838
	Total Construction Cost	\$21,853,267	\$35,474,676	\$30,776,990	\$75,088,552	\$43,122,257	\$67,725,244	\$49,998,830	\$77,210,111
	Cost per Square Foot	\$280	\$353	\$174	\$330	\$342	\$372	\$338	\$328
	Bid Alternates		\$938,130		\$1,647,109		\$3,500,000		\$1,255,255
	CM Preconstruction Services		\$100,000	\$120,000		\$149,540	\$150,000		
	Construction Contingency	\$2,185,327	\$1,283,946	\$1,750,000	\$3,714,253	\$1,293,668	\$3,386,262	\$2,084,900	\$3,088,404
	Designer	\$2,569,000	\$3,290,532	\$2,995,350	\$6,383,665	\$4,170,500	\$6,528,539	\$4,537,364	\$6,964,920
	OPM & other Professional services	\$1,176,000	\$1,267,968	\$1,038,600	\$1,722,700	\$1,082,000	\$2,350,461	\$1,660,000	\$2,622,091
	FF&E/IT	\$744,000	\$1,578,000	\$994,000	\$3,216,000	\$2,075,000	\$2,640,000	\$2,412,000	\$2,676,000
	Legal Fees	\$10,000			\$30,000	\$12,000			
	Other Soft Costs	\$155,000	\$150,000	\$75,000	\$296,000	\$507,500	\$4,240,000	\$239,906	\$550,000
	Owner's Contingency	\$1,000,000	\$427,982	\$250,000	\$500,000	\$2,038,770	\$1,479,954	\$417,000	\$2,033,219
	Total Project Budget ***	\$29,692,594	\$44,511,234	\$37,999,940	\$92,598,279	\$54,301,695	\$92,000,000	\$61,500,000	\$96,400,000
	Bid Alternates		\$938,130		\$1,647,109		\$3,500,000		\$1,255,255
	Ineligible Costs & Contingency							\$1,584,912	\$2,316,303
	Scope Exclusions	\$717,199	\$8,140,051	\$374,213	\$13,175,964	\$7,044,756	\$21,520,157	\$8,682,744	\$7,729,606
	Basis for Total Facilities Grant	\$28,975,395	\$35,433,053	\$37,625,727	\$77,775,206	\$47,256,939	\$66,979,843	\$51,232,344	\$85,098,836
	Reimbursement Rate	80.00%	58.61%	80.00%	56.16%	57.93%	80.00%	78.93%	58.97%
	Maximum Facilities Grant	\$23,180,316	\$20,767,312	\$30,100,582	\$43,678,556	\$27,375,945	\$53,583,874	\$40,437,689	\$50,182,784

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

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

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Date Board Approved	Sep-14	Nov-14	Jun-15	Sep-15	Jul-16	Jun-17	Feb-18	Oct-18
District	Chelsea	Scituate ²	Brookline ³	Beverly	Quincy ⁴	Braintree ⁵	Natick ⁶	Framingham ⁷
School Name	Clark Avenue School	Gates Intermediate School	Edward Devotion	Briscoe MS	Reay E Sterling MS	East MS	J F Kennedy MS	Fuller MS
Construction Type	New Construction	New Construction	Addition / Renovation	New Construction	New Construction	Addition / Renovation	New Construction	New Construction
Enrollment	670	710	1,010	1,395	430	1,180	1,000	630
GSF	115,235	164,803	227,087	231,509	95,732	184,425	182,195	136,790
Assumed Start of Construction	Feb-15	Dec-15	Jul-16	Jun-16	Jun-17	Jun-18	Mar-19	Sep-19
OPM	Anser Advisory	CHA Consulting, Inc.	Owner Employee	CBRE/HEERY	PCA 360	Hill International Company	Compass Project Management, Inc.	Symmes Maini & McKee Associates, Inc.
Designer	HMFH Architects, Inc.	Dore & Whittier Architects, Inc.	HMFH Architects, Inc.	Ai3 Architects LLC	Ai3 Architects LLC	Miller Dyer Spears Inc.	Ai3 Architects LLC	Jonathan Levi Architects LLC
Cost Estimator	Project Management & Cost	Project Management & Cost	Project Management & Cost	Project Management & Cost	Project Management & Cost	VJ Associates of New England	Project Management & Cost	Miyakoda Consulting

Division #	Description of Work	Total Costs							
A	Substructure	\$3,253,769	\$2,671,916	\$5,006,137	\$8,661,726	\$3,695,436	\$2,216,125	\$2,738,705	\$3,342,276
B	Shell	\$8,546,875	\$14,556,886	\$18,626,271	\$18,581,244	\$8,618,110	\$11,767,216	\$19,613,953	\$14,511,874
B10	Superstructure	\$4,143,506	\$4,918,798	\$7,799,768	\$8,055,454	\$3,389,269	\$3,366,619	\$7,622,103	\$4,939,081
B20	Exterior Enclosure	\$3,602,488	\$7,259,103	\$8,380,314	\$8,798,120	\$4,160,996	\$5,934,014	\$9,779,002	\$7,306,182
B2010	Exterior Walls	\$2,622,495	\$5,064,095	\$4,608,983	\$8,798,120	\$0	\$3,689,175	\$6,871,683	\$4,172,373
B2020	Exterior Windows	\$933,823	\$2,026,703	\$3,609,946	\$0	\$0	\$2,153,409	\$2,739,101	\$3,024,209
B2030	Exterior Doors	\$46,170	\$168,305	\$161,385	\$0	\$0	\$91,430	\$168,218	\$109,600
B30	Roofing	\$800,881	\$2,378,985	\$2,446,189	\$1,727,670	\$1,067,845	\$2,466,583	\$2,212,848	\$2,266,611
C	Interiors	\$6,197,127	\$9,294,095	\$13,217,513	\$10,901,709	\$7,024,669	\$8,050,769	\$14,162,844	\$10,819,707
D	Services	\$10,101,675	\$14,571,503	\$19,195,010	\$21,179,383	\$9,272,302	\$19,160,544	\$20,087,882	\$15,330,863
D10	Conveying	\$273,500	\$180,000	\$368,000	\$430,000	\$216,000	\$150,000	\$509,000	\$242,200
D20	Plumbing	\$1,483,649	\$1,889,540	\$2,520,601	\$3,008,324	\$1,283,038	\$2,473,540	\$2,904,835	\$2,051,850
D30	HVAC	\$4,586,809	\$6,120,253	\$9,375,229	\$8,137,370	\$3,359,852	\$7,622,123	\$7,085,764	\$7,052,250
D40	Fire Protection	\$455,554	\$611,925	\$1,145,669	\$951,036	\$368,818	\$890,696	\$750,546	\$752,345
D50	Electrical Utilities	\$3,302,163	\$5,769,785	\$5,785,511	\$8,652,653	\$4,044,594	\$8,024,185	\$8,837,737	\$5,232,218
E	Furnishings & Fixed Equipment	\$1,211,630	\$2,559,490	\$1,865,164	\$3,626,858	\$958,806	\$2,895,585	\$1,750,477	\$3,228,022
	Building Value Engineering						\$0		
	Building Subtotal	\$29,311,076	\$43,653,890	\$57,910,095	\$62,950,920	\$29,569,323	\$44,090,239	\$58,353,861	\$47,232,742
F	Special Construction & Demo	\$3,137,750	\$495,210	\$2,923,808	\$2,402,500	\$2,424,488	\$1,892,087	\$1,632,080	\$3,063,200
G	Other Site Construction	\$1,386,359	\$5,223,669	\$5,247,928	\$5,831,721	\$3,177,348	\$3,307,612	\$7,881,013	\$6,719,690
G10	Site Preparation	\$265,270	\$880,628	\$1,061,645	\$1,726,765	\$554,530	\$717,953	\$1,606,330	\$2,816,982
G20	Site Improvements	\$814,619	\$2,068,985	\$3,211,097	\$2,344,492	\$1,864,777	\$1,733,579	\$3,954,009	\$2,786,868
G30	Mechanical Utilities	\$170,750	\$1,454,656	\$671,911	\$1,104,424	\$636,791	\$619,080	\$1,577,654	\$715,840
G40	Electrical Utilities	\$135,720	\$819,400	\$303,275	\$656,040	\$121,250	\$237,000	\$743,020	\$400,000
	Other Site Construction			\$0	\$202,677	\$4,500	\$0	\$0	\$0
	Subtotal	\$33,835,185	\$49,372,769	\$66,081,831	\$71,387,818	\$34,994,659	\$49,289,938	\$67,866,954	\$57,015,632
Z	Mark-Ups	\$9,788,697	\$10,139,038	\$21,865,890	\$15,687,921	\$9,806,602	\$15,982,264	\$16,503,189	\$17,444,969
Z	Insurance		\$617,160	\$868,582	\$812,244	\$991,960	\$1,153,738	\$3,607,137	\$3,698,690
Z	Subcontractor Bond		\$320,924	\$394,405	\$425,126	\$425,126	\$678,670	\$698,690	\$698,690
Z	Design & Pricing Contingency	\$2,706,815	\$4,757,406	\$7,800,241	\$6,747,967	\$3,499,466	\$6,629,497	\$6,786,695	\$5,395,243
Z	General Conditions	\$5,234,605	\$2,962,365	\$8,561,627	\$4,341,939	\$3,794,515	\$5,384,926	\$5,848,077	\$3,651,036
Z	Overhead & Profit / GMP Fee	\$1,065,300	\$1,481,183	\$1,902,498	\$1,623,316	\$895,500	\$1,417,086	\$2,036,009	\$2,192,863
Z	CM at Risk Contingency	\$781,977	\$2,145,066	\$2,145,066	\$1,711,712	\$804,877	\$1,133,669	\$1,900,000	\$1,900,000
	Construction Subtotal	\$43,623,882	\$59,511,807	\$87,947,721	\$87,075,739	\$44,801,261	\$65,272,202	\$84,370,143	\$74,460,601
Z	Project Scope Adjustments						\$3,189,747		
Z	Escalation to Construction Mid-Point	\$2,422,485	\$2,468,637	\$4,290,133	\$3,053,693	\$1,749,733	\$2,464,497		\$3,474,828
	Total Construction Cost	\$46,046,367	\$61,980,444	\$92,237,854	\$90,129,432	\$46,550,994	\$67,736,699	\$87,559,890	\$77,935,429
	Cost per Square Foot	\$400	\$376	\$406	\$389	\$486	\$367	\$481	\$570
	Bid Alternates					\$0	\$0	\$0	\$0
	CM Preconstruction Services	\$198,000		\$300,000	\$192,064	\$135,000	\$150,000	\$0	\$400,000
	Construction Contingency	\$1,378,734	\$2,526,561	\$5,691,859	\$2,703,883	\$2,001,657	\$2,715,468	\$4,249,059	\$3,896,771
	Designer	\$4,707,120	\$6,917,495	\$11,138,797	\$9,253,171	\$5,341,171	\$7,062,476	\$9,369,652	\$8,240,068
	OPM & other Professional services	\$1,725,020	\$1,989,500	\$3,480,000	\$3,504,530	\$1,721,088	\$2,365,643	\$3,103,489	\$2,827,901
	FF&E/IT	\$1,608,000	\$1,704,000	\$3,535,000	\$3,348,000	\$1,720,000	\$2,832,000	\$4,201,910	\$2,268,000
	Legal Fees			\$100,000	\$25,000	\$0	\$40,000	\$25,000	\$80,000
	Other Soft Costs	\$203,000	\$367,000	\$2,706,000	\$355,000	\$265,000	\$75,000	\$551,000	\$1,070,000
	Owner's Contingency	\$1,466,166	\$265,000	\$960,490	\$1,200,000	\$580,000	\$494,925	\$500,000	\$1,558,709
	Total Project Budget ***	\$57,332,407	\$75,750,000	\$120,150,000	\$110,711,080	\$58,314,910	\$83,472,211	\$109,560,000	\$98,276,878
	Bid Alternates		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Ineligible Costs & Contingency	\$918,270	\$2,077,834	\$3,847,102	\$1,802,589	\$1,536,147	\$1,367,894	\$3,386,389	\$3,117,417
	Scope Exclusions	\$9,370,472	\$25,527,015	\$45,722,479	\$21,349,824	\$16,776,493	\$10,890,317	\$28,761,414	\$31,821,650
	Basis for Total Facilities Grant	\$47,043,665	\$48,145,151	\$70,580,419	\$87,558,667	\$40,002,270	\$71,214,000	\$77,412,197	\$63,337,811
	Reimbursement Rate	80.00%	44.06%	38.30%	56.19%	73.22%	57.98%	48.21%	62.31%
	Maximum Facilities Grant	\$37,634,932	\$21,212,754	\$27,032,300	\$49,199,215	\$29,289,662	\$41,289,877	\$37,320,420	\$39,465,790

2 - Scituate Gates Intermediate School - The Maximum Facilities Grant reflects recovery cost of \$267,684.
 3 - Brookline - Cost recovery amount of \$47,039 not deducted from Maximum Facilities Grant.
 4 - Quincy R.E. Sterling MS - The Maximum Facilities Grant reflects recovery cost of \$4,099.

5 - Braintree East MS - The Maximum Facilities Grant reflects recovery cost of \$7,160.
 6 - Natick JFK - The Maximum Facilities Grant reflects recovery cost of \$12,929.
 7 - Framingham Fuller MS - The Maximum Facilities Grant reflects a recovery cost of \$11,858.

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Date Board Approved	Dec-18	Apr-19	Aug-19	Feb-21	Apr-21	Aug-21	Mar-22	Apr-22	
District	Dennis-Yarmouth ⁸	Weymouth ⁹	Braintree ¹⁰	Lawrence ¹¹	Somerset ¹²	Walpole ¹³	Norwood ¹⁴	Tyngsborough ¹⁵	
School Name	Mattacheese MS	Maria Weston Chapman MS	South MS	Henry K Oliver	Somerset MS	Bird MS	Dr. Philip O. Coakley MS	Tyngsborough MS	
Construction Type	New Construction	Addition / Renovation	New Construction	Addition / Renovation	New Construction	New Construction	New Construction	New Construction	
Enrollment	940	1,470	800	1,000	590	905	1,070	480	
GSF	186,500	252,170	145,846	162,000	124,200	162,193	187,840	112,784	
Assumed Start of Construction	Mar-21	Apr-20	Jan-22	Jan-22	Aug-22	Oct-22	Jun-23	Feb-23	
OPM	PMA Consultants, LLC	Hill International Company	Hill International Company	Anser Advisory	CGA Project Management	Compass Project Management, Inc.	Compass Project Management, Inc.	Leftfield, LLC	
Designer	Perkins Eastman/DPC	HMFH Architects, Inc.	Miller Dyer Spears Inc.	Symmes Maini & McKee Associates, Inc.	Ai3 Architects LLC	Tappe Architects, Inc.	Ai3 Architects LLC	JCJ Architecture, PC	
Cost Estimator	Doucet & Associates	Project Management & Cost	A M Fogarty & Associates Inc.	Miyakoda Consulting	Project Management & Cost	Project Management & Cost	Project Management & Cost	Project Management & Cost	
Division #	Description of Work								
A	Substructure	\$5,235,646	\$5,468,546	\$3,897,429	\$10,201,560	\$3,449,176	\$3,273,172	\$4,076,938	\$3,278,689
B	Shell	\$22,516,695	\$26,642,961	\$14,783,719	\$22,594,668	\$14,978,991	\$19,583,522	\$22,532,821	\$13,867,269
B10	Superstructure	\$7,187,981	\$9,815,010	\$5,112,218	\$6,238,343	\$5,158,266	\$8,019,521	\$9,891,484	\$5,300,356
B20	Exterior Enclosure	\$11,577,704	\$12,348,557	\$7,348,021	\$15,002,412	\$7,747,920	\$9,612,776	\$10,607,747	\$6,328,411
B2010	Exterior Walls	\$6,916,489	\$12,348,557	\$3,614,396	\$10,944,361	\$5,336,029	\$6,301,831	\$7,001,641	\$4,614,060
B2020	Exterior Windows	\$4,455,765		\$3,563,718	\$3,882,997	\$2,068,560	\$3,171,386	\$3,422,460	\$1,528,175
B2030	Exterior Doors	\$205,450		\$169,907	\$175,054	\$343,331	\$139,559	\$183,646	\$186,176
B30	Roofing	\$3,751,010	\$4,479,394	\$2,323,480	\$1,353,913	\$2,072,805	\$1,951,225	\$2,033,590	\$2,238,502
C	Interiors	\$12,872,813	\$17,862,596	\$9,752,765	\$13,228,351	\$9,803,118	\$11,301,056	\$15,172,558	\$9,076,803
D	Services	\$19,103,325	\$25,648,214	\$16,905,811	\$20,386,322	\$14,053,466	\$18,496,840	\$25,234,670	\$12,880,876
D10	Conveying	\$207,000	\$272,800	\$293,000	\$456,329	\$224,000	\$334,000	\$591,500	\$154,500
D20	Plumbing	\$2,393,190	\$3,650,580	\$2,344,845	\$2,964,363	\$2,127,624	\$3,069,046	\$3,202,952	\$2,056,931
D30	HVAC	\$9,194,295	\$12,664,638	\$6,985,250	\$9,132,132	\$5,891,348	\$7,104,550	\$9,592,568	\$5,564,232
D40	Fire Protection	\$884,850	\$1,164,284	\$862,847	\$1,125,539	\$778,071	\$959,159	\$1,250,000	\$664,293
D50	Electrical Utilities	\$6,423,990	\$7,895,912	\$6,419,869	\$6,707,959	\$5,032,423	\$7,030,085	\$10,597,650	\$4,440,920
E	Furnishings & Fixed Equipment	\$2,877,820	\$5,381,629	\$2,440,953	\$2,711,774	\$2,670,830	\$4,110,623	\$4,659,826	\$1,777,896
	Building Value Engineering								
	Building Subtotal	\$62,606,299	\$81,003,946	\$47,780,677	\$69,122,675	\$44,955,581	\$56,765,213	\$71,676,813	\$40,881,533
F	Special Construction & Demo	\$0	\$5,690,445	\$100,000	\$2,786,802	\$1,567,400	\$2,362,890	\$2,703,300	\$1,735,954
G	Other Site Construction	\$9,485,544	\$9,965,351	\$6,653,556	\$3,427,392	\$9,907,840	\$9,000,127	\$10,634,636	\$6,412,390
G10	Site Preparation	\$751,859	\$1,759,548	\$1,623,909	\$607,285	\$2,213,242	\$2,029,663	\$2,324,357	\$3,016,054
G20	Site Improvements	\$7,200,095	\$5,817,263	\$2,613,085	\$1,874,454	\$4,698,695	\$3,608,499	\$5,126,071	\$1,396,199
G30	Mechanical Utilities	\$875,790	\$1,657,940	\$1,738,440	\$594,239	\$2,560,628	\$2,587,265	\$2,149,548	\$1,520,187
G40	Electrical Utilities	\$657,800	\$730,600	\$678,122	\$351,414	\$435,275	\$774,700	\$1,034,660	\$479,950
	Other Site Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$160,000	\$0
	Subtotal	\$72,091,843	\$96,659,742	\$54,534,233	\$75,336,869	\$56,430,821	\$68,128,230	\$85,174,749	\$49,029,877
Z	Mark-Ups	\$18,048,057	\$25,970,125	\$12,547,615	\$25,654,484	\$11,018,841	\$19,838,876	\$24,626,655	\$14,151,625
Z	Insurance	\$1,036,320	\$2,414,817	\$1,163,670	\$1,773,945	\$780,650	\$1,472,115	\$1,417,201	\$784,233
Z	Subcontractor Bond	\$829,056	\$0	\$0	\$588,000	\$624,520	\$0	\$733,035	\$504,150
Z	Design & Pricing Contingency	\$7,209,184	\$9,955,953	\$5,453,423	\$7,480,356	\$4,514,466	\$6,812,823	\$8,517,475	\$4,412,689
Z	General Conditions	\$5,803,393	\$7,849,792	\$4,408,193	\$11,094,993	\$3,747,119	\$7,982,951	\$8,796,422	\$5,480,499
Z	Overhead & Profit / GMP Fee	\$3,170,104	\$2,299,825	\$1,522,329	\$2,100,000	\$1,352,086	\$1,780,577	\$2,445,405	\$1,569,638
Z	CM at Risk Contingency	\$3,449,738	\$3,449,738	\$2,617,190	\$2,617,190	\$1,790,410	\$2,717,117	\$1,400,416	\$1,400,416
	Construction Subtotal	\$90,139,900	\$122,629,867	\$67,081,848	\$100,991,353	\$67,449,662	\$87,967,106	\$109,801,404	\$63,181,502
Z	Project Scope Adjustments								
Z	Escalation to Construction Mid-Point	\$3,604,592	\$5,475,774	\$2,099,568	\$3,908,486	\$1,506,703	\$4,632,720	\$4,045,801	\$2,574,069
	Total Construction Cost	\$93,744,492	\$128,105,641	\$69,181,416	\$104,899,839	\$68,956,365	\$92,599,826	\$113,847,205	\$65,755,571
	Cost per Square Foot	\$503	\$508	\$474	\$648	\$555	\$571	\$606	\$583
Bid Alternates	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$0	\$5,652,358	\$0
CM Preconstruction Services		\$480,000	\$0	\$260,471	\$0	\$275,000	\$500,000	\$225,000	\$225,000
Construction Contingency	\$4,687,225	\$6,405,282	\$3,113,164	\$3,146,995	\$2,500,000	\$4,629,991	\$6,831,000	\$3,287,779	\$6,831,000
Designer	\$10,839,820	\$14,995,255	\$7,321,614	\$12,176,880	\$7,130,125	\$9,247,900	\$11,925,757	\$7,397,445	\$7,397,445
OPM & other Professional services	\$4,362,944	\$4,600,160	\$2,685,599	\$4,167,818	\$2,280,000	\$3,557,600	\$3,824,781	\$3,352,555	\$3,352,555
FF&E/IT	\$2,256,000	\$5,292,000	\$1,920,000	\$3,600,000	\$1,652,000	\$2,986,500	\$4,708,000	\$2,564,186	\$2,564,186
Legal Fees	\$25,000	\$50,000	\$0	\$0	\$25,000	\$20,000	\$50,000	\$50,000	\$50,000
Other Soft Costs	\$350,000	\$1,407,000	\$600,000	\$1,950,000	\$477,000	\$600,000	\$625,000	\$425,000	\$425,000
Owner's Contingency	\$713,350	\$2,899,792	\$1,764,126	\$2,097,997	\$1,000,000	\$1,851,997	\$2,064,743	\$422,464	\$422,464
	Total Project Budget ***	\$116,978,831	\$164,235,130	\$86,585,919	\$132,300,000	\$85,020,490	\$115,768,814	\$150,028,844	\$83,480,000
Bid Alternates	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Ineligible Costs & Contingency	\$3,749,780	\$3,843,169	\$2,421,350	\$1,048,998	\$1,810,436	\$5,092,991	\$7,188,035	\$2,723,909	\$2,723,909
Scope Exclusions	\$34,632,233	\$61,100,393	\$24,250,410	\$54,184,052	\$31,564,439	\$37,824,033	\$57,691,351	\$31,873,577	\$31,873,577
	Basis for Total Facilities Grant	\$78,596,818	\$99,291,568	\$59,914,159	\$77,066,950	\$51,645,615	\$72,851,790	\$85,149,458	\$48,882,514
	Reimbursement Rate	57.68%	61.08%	53.96%	80.00%	61.59%	52.22%	54.34%	58.61%
	Maximum Facilities Grant	\$45,334,645	\$60,647,290	\$32,329,680	\$61,653,560	\$31,808,534	\$38,043,205	\$46,270,215	\$28,650,041

8 - Dennis - Yarmouth Mattacheese MS - The Maximum Facilities Grant reflects a recovery cost of \$15,901.

9 - Weymouth Chapman MS - The Maximum Facilities Grant reflects a recovery cost of \$45,007.

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

11 - Lawrence Henry K Oliver - The Maximum Facilities Grant reflects a recovery cost of -\$6,009

12 - Somerset MS - The Maximum Facilities Grant reflects a recovery cost of -\$8,780

13 - Walpole Bird MS - The Maximum Facilities Grant reflects a recovery cost of -\$68,924

14 - Norwood Dr. Philip O. Coakley MS - The Maximum Facilities Grant reflects a recovery cost of -\$10,965

15 - Tyngsborough MS - The Maximum Facilities Grant reflects a recovery cost of -\$12,969

Information as of:

April 2023

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. Additionally, districts may refer to their district and school names using different titles than what is shown in this report. 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	Oct-22	
District	Haverhill ¹⁶	
School Name	Consentino	
Construction Type	New Construction	
Enrollment	1,080	
GSF	183,128	
Assumed Start of Construction		
OPM	Colliers Project Leaders NE, LLC	
Designer	Dore & Whittier Architects, Inc.	
Cost Estimator	Project Management & Cost	
TOTAL		
ALL MIDDLE SCHOOLS		
Division #	Description of Work	
A	Substructure	\$3,704,200
B	Shell	\$26,103,800
B10	Superstructure	\$11,105,800
B20	Exterior Enclosure	\$11,578,500
B2010	Exterior Walls	\$7,997,800
B2020	Exterior Windows	\$3,303,700
B2030	Exterior Doors	\$277,000
B30	Roofing	\$3,419,500
C	Interiors	\$15,910,600
D	Services	\$31,137,700
D10	Conveying	\$482,500
D20	Plumbing	\$4,212,900
D30	HVAC	\$14,286,400
D40	Fire Protection	\$1,255,800
D50	Electrical Utilities	\$10,900,100
E	Furnishings & Fixed Equipment	\$3,435,500
	Building Value Engineering	\$0
	Building Subtotal	\$80,291,800
F	Special Construction & Demo	\$3,539,200
G	Other Site Construction	\$9,112,300
G10	Site Preparation	\$1,963,200
G20	Site Improvements	\$5,110,700
G30	Mechanical Utilities	\$1,318,300
G40	Electrical Utilities	\$720,100
	Other Site Construction	\$0
	Subtotal	\$92,943,300
Z	Mark-Ups	\$21,912,900
Z	Insurance	\$1,166,300
Z	Subcontractor Bond	\$1,044,700
Z	Design & Pricing Contingency	\$9,270,500
Z	General Conditions	\$7,221,600
Z	Overhead & Profit / GMP Fee	\$3,209,800
Z	CM at Risk Contingency	\$0
	Construction Subtotal	\$114,856,200
Z	Project Scope Adjustments	\$3,189,747
Z	Escalation to Construction Mid-Point	\$10,240,900
	Total Construction Cost	\$125,097,100
	Cost per Square Foot	\$683
	Bid Alternates	\$0
	CM Preconstruction Services	\$0
	Construction Contingency	\$6,242,900
	Designer	\$12,951,000
	OPM & other Professional services	\$6,209,354
	FF&E/IT	\$3,564,000
	Legal Fees	\$0
	Other Soft Costs	\$1,423,600
	Owner's Contingency	\$4,456,200
	Total Project Budget ***	\$159,944,154
	Bid Alternates	\$7,340,494
	Ineligible Costs & Contingency	\$8,822,643
	Scope Exclusions	\$62,445,675
	Basis for Total Facilities Grant	\$88,675,836
	Reimbursement Rate	80.00%
	Maximum Facilities Grant	\$70,940,669

16 - Consentino - The Maximum Facilities Grant reflects a recovery cost of -\$447,537