

**Estimated Construction & Total Project Budget Cost Data at Schematic Design
Totals - All School Types**

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DESCRIPTION		TOTAL ALL ELEMENTARY SCHOOLS	TOTAL ALL MIDDLE SCHOOLS	TOTAL ALL MIDDLE/HIGH SCHOOLS	TOTAL ALL HIGH SCHOOLS	GRAND TOTAL * ALL SCHOOLS TYPES
Division #	Description of Work					
A	Substructure	\$48,376,314	\$44,038,441	\$24,052,562	\$80,671,095	\$197,138,412
B	Shell	\$252,608,164	\$204,745,722	\$125,622,009	\$464,575,144	\$1,047,551,039
	B10 Superstructure	\$85,621,886	\$72,286,190	\$45,121,577	\$162,617,412	\$365,647,065
	B20 Exterior Enclosure	\$118,872,534	\$99,265,475	\$56,719,162	\$206,445,806	\$481,302,977
	B2010 Exterior Walls	\$44,081,607	\$45,147,915	\$17,537,146	\$69,213,483	\$175,980,151
	B2020 Exterior Windows	\$18,459,398	\$19,545,079	\$10,500,438	\$33,751,465	\$82,256,380
	B2030 Exterior Doors	\$2,286,835	\$1,341,078	\$732,134	\$2,806,779	\$7,166,826
	B30 Roofing	\$47,523,744	\$33,194,057	\$23,781,270	\$91,188,627	\$195,687,698
C	Interiors	\$149,526,403	\$130,327,362	\$89,241,289	\$331,723,640	\$700,818,694
D	Services	\$271,972,539	\$228,496,188	\$138,387,835	\$580,835,433	\$1,219,691,995
	D10 Conveying	\$4,111,524	\$3,407,508	\$1,645,529	\$5,683,746	\$14,848,307
	D20 Plumbing	\$34,810,827	\$31,105,663	\$19,339,196	\$76,791,850	\$162,047,536
	D30 HVAC	\$118,620,590	\$96,581,569	\$55,925,515	\$260,961,136	\$532,088,810
	D40 Fire Protection	\$15,670,016	\$13,677,040	\$9,262,326	\$33,806,169	\$72,415,551
	D50 Electrical Utilities	\$93,650,837	\$83,724,408	\$52,215,269	\$202,944,532	\$432,535,046
E	Furnishings & Fixed Equipment	\$42,813,713	\$36,392,687	\$26,992,438	\$85,254,185	\$191,453,023
	Building Value Engineering	-\$2,732,484	-\$2,100,000	\$0	\$0	-\$4,832,484
	Building Subtotal	\$762,564,649	\$641,900,400	\$404,296,133	\$1,543,059,497	\$3,351,820,679
F	Special Construction & Demo	\$33,460,148	\$30,916,084	\$25,366,463	\$76,496,034	\$166,238,729
G	Other Site Construction	\$117,004,542	\$69,358,945	\$48,412,251	\$185,208,296	\$419,984,034
	G10 Site Preparation	\$26,744,038	\$15,409,131	\$11,386,874	\$42,305,564	\$95,845,607
	G20 Site Improvements	\$55,072,034	\$34,090,023	\$24,013,854	\$90,075,116	\$203,251,027
	G30 Mechanical Utilities	\$25,965,287	\$14,239,926	\$8,893,113	\$39,131,988	\$88,230,314
	G40 Electrical Utilities	\$8,070,615	\$5,619,865	\$4,118,410	\$13,695,628	\$31,504,518
	Other Site Construction	-\$1,980,729	-\$806,500	\$2,300,000	\$710,876	\$223,647
	Subtotal	\$911,029,339	\$741,368,929	\$480,374,847	\$1,805,474,703	\$3,938,247,818
Z	Mark-Ups	\$204,888,238	\$169,735,242	\$102,665,242	\$370,516,746	\$847,805,468
Z	Insurance	\$7,073,390	\$8,670,188	\$5,909,485	\$23,439,100	\$45,092,163
Z	Subcontractor Bond	\$6,944,069	\$6,575,580	\$3,154,818	\$12,132,445	\$28,806,912
Z	Design & Pricing Contingency	\$76,792,116	\$62,870,695	\$36,131,725	\$144,858,579	\$320,653,115
Z	General Conditions	\$67,491,103	\$62,691,747	\$28,806,023	\$111,929,206	\$270,918,079
Z	Overhead & Profit	\$38,373,946	\$22,446,489	\$22,682,180	\$66,102,942	\$149,605,557
Z	CM at Risk Contingency	\$8,213,614	\$6,480,543	\$5,981,011	\$12,054,474	\$32,729,642
	Construction Subtotal	\$1,115,917,577	\$911,104,171	\$583,040,089	\$2,175,991,449	\$4,786,053,286
	Project Scope Adjustments	\$219,719	\$3,831,763	-\$2,847,743	\$23,760,044	\$24,963,783
Z	Escalation to Construction Mid-Point	\$39,745,196	\$35,273,680	\$21,324,225	\$71,883,883	\$168,226,984
	Total Construction Cost	\$1,155,882,492	\$950,209,614	\$601,516,571	\$2,271,635,376	\$4,979,244,053
	Bid Alternates	\$10,216,684	\$9,491,429	\$8,485,101	\$54,309,741	\$82,502,955
	CM Pre-Construction Services	\$1,862,600	\$1,922,540	\$1,285,000	\$3,087,500	\$8,157,640
	Construction Contingency	\$58,736,050	\$45,074,005	\$30,614,794	\$106,546,883	\$240,971,732
	Designer	\$124,785,764	\$91,630,562	\$60,660,356	\$193,642,207	\$470,718,889
	OPM & other Professional services	\$46,249,543	\$31,684,456	\$21,508,879	\$82,498,688	\$181,941,566
	FF&E/IT	\$53,064,117	\$38,965,400	\$26,459,000	\$104,427,094	\$222,915,611
	Legal Fees	\$800,000	\$382,000	\$195,000	\$1,540,000	\$2,917,000
	Other Soft Costs	\$23,535,626	\$17,206,531	\$7,310,064	\$27,912,099	\$75,964,320
	Owner's Contingency	\$19,756,817	\$17,556,478	\$11,562,669	\$44,185,323	\$93,061,287
	Total Project Budget	\$1,494,889,693	\$1,204,123,015	\$769,597,434	\$2,889,784,911	\$6,358,395,053
	Bid Alternates	\$9,176,238	\$9,491,429	\$8,485,101	\$54,309,741	\$81,462,509
	Ineligible Costs & Contingencies	\$37,906,216	\$23,558,213	\$10,329,352	\$43,692,141	\$115,485,922
	Scope Exclusions	\$170,660,844	\$151,496,983	\$68,214,572	\$232,293,793	\$622,666,192
	Basis for Total Facilities Grant	\$1,277,146,395	\$1,019,576,390	\$682,568,409	\$2,559,489,236	\$5,538,780,430
	Maximum Facilities Grant	\$709,447,583	\$633,029,468	\$396,535,422	\$1,506,416,588	\$3,245,429,061

* Total Cost data does not include all Repair Projects, Green Repair Program Projects, Science Lab Projects, Wait List Projects, and the Beverly High School and Norwood High School Projects for which cost data was not available in the required format.

**Estimated Construction & Total Project Budget Cost Data at Schematic Design
Elementary Schools**

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District	Andover	Arlington	Ashburnham-Westminster	Athol-Royalston	Belmont	Billerica	Brookline	Brookline	Burlington	
School Name	Bancroft ES	Thompson ES	Briggs ES	Riverbend ES	Roger Wellington ES	Parker ES	Heath K-8	John D Runkle K-8	Memorial ES	
Construction Type	New	New	New	New	New	New	Add/Reno	Add/Reno	New	
Enrollment	680	380	520	545	575	500	560	560	500	
GSF	106,486	57,396	86,100	95,726	88,203	88,129	80,952	104,765	78,500	
Assumed Start of Construction	Dec-11	Apr-12	Feb-12	Nov-14	Jan-10	Jul-10	Jun-11	Nov-10	Mar-10	
OPM	Town of Andover	PMA Consultants	STV, Inc.	Symmes Maini & McKee Associates	PMA Consultants	Joslin, Lesser & Associates, Inc.	Town Employee	Town Employee	Construction Monitoring Services, Inc.	
Designer	Symmes Maini & McKee Associates	HMFH Architects, Inc.	Lamoureux Pagano & Associates, Inc.	Mount Vernon Group Architects	Jonathan Levi Architects LLC	Symmes Maini & McKee Associates	Miller Dyer Spears, Inc.	Design Partnership of Cambridge, Inc.	Knight, Bagge & Anderson, Inc.	
Cost Estimator	Daedalus Projects, Inc.	PM&C	AM Fogarty	Tarbell Construction	Daedalus Projects, Inc.	Keville Enterprises	AM Fogarty	Essential Design & Estimating	Carmone Estimating Group	
Division	Description of Work	Total Costs								
A	Substructure	\$677,150	\$760,000	\$1,161,624	\$1,280,000	\$1,191,306	\$1,014,182	\$506,613	\$587,002	\$1,081,336
B	Shell	\$7,868,154	\$3,764,180	\$5,980,679	\$8,016,000	\$6,489,630	\$7,063,244	\$1,146,157	\$4,216,225	\$4,796,599
B10	Superstructure	\$2,418,940	\$1,448,608	\$1,505,936	\$2,753,000	\$2,086,189	\$2,155,150	\$365,925	\$1,482,195	\$1,766,670
B20	Exterior Enclosure	\$4,571,892	\$1,801,879	\$3,324,328	\$3,839,000	\$3,566,726	\$3,687,489	\$516,671	\$1,883,810	\$2,114,584
B2010	Exterior Walls	-	-	-	-	\$2,305,171	-	-	-	\$1,601,717
B2020	Exterior Windows	-	-	-	-	\$1,136,005	-	-	-	\$471,631
B2030	Exterior Doors	-	-	-	-	\$125,550	-	-	-	\$41,236
B30	Roofing	\$877,322	\$513,693	\$1,150,415	\$1,424,000	\$836,715	\$1,220,605	\$263,561	\$850,220	\$915,345
C	Interiors	\$4,775,159	\$2,399,927	\$3,066,156	\$4,192,000	\$4,712,884	\$3,243,822	\$905,200	\$4,042,036	\$2,785,877
D	Services	\$7,052,414	\$3,776,104	\$4,957,458	\$7,613,359	\$5,993,917	\$5,994,805	\$1,383,461	\$7,232,006	\$4,968,775
D10	Conveying	\$200,000	\$91,300	\$76,500	\$81,000	\$106,600	\$112,000	\$0	\$121,793	\$90,000
D20	Plumbing	\$1,095,650	\$531,265	\$714,700	\$910,000	\$842,140	\$639,250	\$234,125	\$917,623	\$667,250
D30	HVAC	\$2,989,027	\$1,537,484	\$2,152,500	\$3,704,359	\$2,783,723	\$2,757,900	\$717,156	\$3,060,856	\$2,119,500
D40	Fire Protection	\$346,720	\$210,487	\$322,875	\$471,000	\$365,733	\$350,269	\$105,440	\$456,316	\$365,025
D50	Electrical Utilities	\$2,421,017	\$1,405,568	\$1,690,883	\$2,447,000	\$1,895,721	\$2,135,386	\$326,740	\$2,675,418	\$1,727,000
E	Furnishings & Fixed Equipment	\$1,593,821	\$860,903	\$1,150,255	\$1,059,000	\$384,400	\$818,931	\$416,881	\$892,785	\$1,230,326
	Building Value Engineering									
	Building Subtotal	\$21,966,698	\$11,561,114	\$16,316,172	\$22,160,359	\$18,772,137	\$18,134,984	\$4,358,312	\$16,970,054	\$14,862,913
F	Special Construction & Demo	\$814,400	\$894,550	\$543,050	\$543,050	\$401,440	\$225,095	\$914,814	\$900,000	\$900,000
G	Other Site Construction	\$5,166,413	\$1,159,111	\$2,498,462	\$5,058,000	\$4,628,059	\$2,863,382	\$559,665	\$1,480,066	\$1,946,585
G10	Site Preparation	\$1,104,430	\$147,878	\$643,288	\$1,663,000	\$3,805,732	\$940,294	\$35,321	\$199,871	\$943,861
G20	Site Improvements	\$2,502,683	\$736,869	\$923,015	\$2,079,000	\$324,177	\$1,374,953	\$291,365	\$605,968	\$758,259
G30	Mechanical Utilities	\$1,234,800	\$182,084	\$745,407	\$821,000	\$407,500	\$318,635	\$207,229	\$571,368	\$131,270
G40	Electrical Utilities	\$324,500	\$92,280	\$186,752	\$495,000	\$90,650	\$229,500	\$25,750	\$102,859	\$113,195
	Other Site Construction									
	Subtotal	\$27,947,511	\$13,614,775	\$19,357,684	\$27,218,359	\$23,400,196	\$21,399,806	\$5,143,072	\$19,364,934	\$17,709,498
Z	Mark-Ups	\$5,737,429	\$1,833,986	\$4,715,449	\$6,586,614	\$4,982,136	\$4,894,137	\$1,750,518	\$1,994,921	\$4,075,724
Z	Insurance	\$645,588	\$158,960	\$338,759		In Overhead	\$247,168		Inc in General Cndts	
Z	Subcontractor Bond	\$82,605	\$82,605		\$440,987	In Overhead	\$153,009	\$82,798	Inc in General Cndts	\$504,285
Z	Design & Pricing Contingency	\$2,794,751	\$640,000	\$1,549,403	\$3,072,813	\$2,073,473	\$2,139,981	\$560,268	Inc in General Cndts	\$1,054,750
Z	General Conditions		\$635,421		\$2,177,751	\$1,848,082	\$1,647,785	\$756,187	\$1,487,349	\$1,560,000
Z	Overhead & Profit / GMP Fee	\$2,297,090	\$317,000	\$630,093	\$895,063	\$1,060,581	\$706,194	\$351,265	\$507,572	\$956,689
Z	CM@Risk Contingency			\$2,197,194						
	Construction Subtotal	\$33,684,940	\$15,448,761	\$24,073,133	\$33,804,973	\$28,382,332	\$26,293,943	\$6,893,590	\$21,359,855	\$21,785,222
Z	Project Scope Adjustments			\$219,719						
Z	Escalation to Construction Mid-Point	\$842,123	\$317,920	\$487,777	\$1,386,390	\$429,472	\$762,524	\$123,259	\$1,165,386	\$420,237
	Total Construction Cost	\$34,527,063	\$15,766,681	\$24,780,629	\$35,191,363	\$28,811,804	\$27,056,467	\$7,016,849	\$22,525,241	\$22,205,459
	Cost per Square Foot	\$324	\$275	\$288	\$368	\$327	\$307	\$87	\$215	\$283
Bid Alternates				\$96,000						
CM Preconstruction Services	\$125,000									
Construction Contingency	\$1,726,353	\$630,559			\$1,800,000	\$1,549,118	\$1,352,823	\$350,842	\$1,351,515	\$1,004,524
Designer	\$4,125,465	\$2,189,000		\$2,411,500	\$3,471,000	\$3,445,975	\$2,872,502	\$799,957	\$2,193,500	\$2,847,951
OPM & other Professional services	\$1,363,300	\$746,123		\$1,105,468	\$1,324,000	\$1,359,354	\$1,081,144	\$340,000	\$961,000	\$635,311
FF&E/IT	\$1,824,750	\$900,000		\$1,248,000	\$1,600,000	\$1,380,000	\$1,200,000	\$163,000	\$1,171,375	\$1,100,000
Legal Fees	\$85,000				\$25,000					
Other Soft Costs	\$365,000	\$541,000		\$150,000	\$270,000	\$3,730,897	\$102,500	\$105,000	\$1,400,000	\$130,000
Owner's Contingency	\$517,906			\$270,000	\$250,000	\$387,283	\$342,000	\$24,352	\$237,500	
	Total Project Budget *****	\$44,659,837	\$20,773,363	\$30,061,597	\$43,931,363	\$40,664,431	\$34,007,436	\$8,800,000	\$29,840,131	\$27,923,245
Bid Alternates										
Ineligible Costs & Contingency	\$560,644	\$963,095		\$473,243		\$5,900,465	\$128,933	\$45,839	\$1,182,343	\$960,000
Scope Exclusions	\$5,977,026	\$738,863		\$1,614,616	\$9,366,838	\$3,763,915	\$2,313,439	\$287,874	\$141,910	
	Basis for Total Facilities Grant Reimbursement Rate	\$38,122,167	\$19,071,405	\$27,973,738	\$34,564,525	\$31,000,051	\$31,565,064	\$8,466,287	\$28,515,878	\$26,963,245
	Reimbursement Rate	44.00%	50.42%	58.46%	80.00%	40.00%	55.69%	39.93%	41.58%	52.11%
	Maximum Facilities Grant	\$16,773,753	\$9,615,802	\$16,353,447	\$27,651,620	\$12,400,020	\$17,578,584	\$3,380,588	\$11,856,902	\$14,050,547

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

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District	Carlisle	Dedham	Douglas	Douglas	Fairhaven	Georgetown	Gloucester	Hopkington	Lexington	
School Name	Carlisle K-8	Avery ES	Douglas ES	Douglas IS	Rogers ES	Penn Brook ES	West Parish	Center ES (PK - 5)	Estabrook ES	
Construction Type	Add/Reno	New	New	Repair	New	New	New	New	New	
Enrollment	700	310	552	448	370	770	355	540	540	
GSF	140,107	61,000	83,100	83,277	77,871	98,000	65,679	93,430	91,840	
Assumed Start of Construction	Feb-11	Oct-10	Jan-12	Jun-12	Jul-12	Oct-13	Jun-14	Mar-11	Jun-12	
OPM	Daedalus Projects, Inc.	Construction Monitoring Services, Inc.	Heery International, Inc.	Heery International, Inc.	Daedalus Projects, Inc.	Municipal Building Consultants, Inc.	Knight, Bagge & Anderson, Inc.	Town Employee	Hill International	
Designer	HMFH Architects, Inc.	Dore & Whittier Architects, Inc.	DiNisco Design Partnership, Inc.	DiNisco Design Partnership, Inc.	HMFH Architects, Inc.	Drummeys Rosane Anderson, Inc.	Dore & Whittier Architects, Inc.	Design Partnership of Cambridge	DiNisco Design Partnership	
Cost Estimator	PM&C	Daedalus Projects, Inc.	AM Fogarty	AM Fogarty	PM&C	Rider Levett Bucknall	PM&C	Essential Estimators	Cost Pro	
Division	Description of Work	Total Costs								
A	Substructure	\$548,592	\$710,936	\$1,074,565	\$2,735	\$1,421,725	\$1,626,064	\$2,265,570	\$1,531,903	\$1,026,891
B	Shell	\$3,814,137	\$4,838,177	\$5,376,343	\$1,538,408	\$4,200,481	\$7,688,343	\$7,066,238	\$8,044,075	\$6,016,934
B10	Superstructure	\$784,717	\$1,405,760	\$1,892,886	\$284,708	\$1,687,516	\$2,797,031	\$2,143,916	\$2,477,496	\$2,455,361
B20	Exterior Enclosure	\$1,136,417	\$2,828,000	\$2,931,125	\$553,254	\$1,552,779	\$3,522,835	\$3,775,080	\$3,266,624	\$2,784,488
B2010	Exterior Walls	\$755,077	\$2,214,227	-	-	-	\$2,967,333	\$2,813,826	\$2,221,166	-
B2020	Exterior Windows	\$325,750	\$558,473	-	-	-	\$512,202	\$893,595	\$903,470	-
B2030	Exterior Doors	\$55,590	\$55,300	-	-	-	\$43,300	\$67,659	\$141,988	-
B30	Roofing	\$1,893,003	\$604,417	\$552,332	\$700,446	\$960,186	\$1,368,477	\$1,147,242	\$2,299,955	\$777,085
C	Interiors	\$2,188,969	\$2,608,060	\$3,870,604	\$2,022,211	\$2,987,996	\$3,713,873	\$3,713,390	\$3,419,018	\$4,058,386
D	Services	\$3,161,060	\$3,684,103	\$5,612,761	\$6,145,213	\$5,247,546	\$7,666,486	\$5,546,674	\$6,418,675	\$7,079,834
D10	Conveying	\$82,500	\$112,000	\$129,204	\$41,757	\$80,000	\$125,000	\$103,000	\$94,333	\$184,000
D20	Plumbing	\$342,080	\$500,750	\$640,941	\$456,268	\$750,470	\$843,220	\$833,502	\$720,597	\$820,282
D30	HVAC	\$1,366,715	\$1,428,706	\$2,459,667	\$2,777,496	\$2,185,050	\$2,918,256	\$2,469,328	\$2,811,621	\$3,428,666
D40	Fire Protection	\$225,880	\$245,801	\$301,911	\$363,659	\$290,838	\$366,510	\$271,276	\$658,493	\$374,796
D50	Electrical Utilities	\$1,143,885	\$1,396,846	\$2,081,038	\$2,506,033	\$1,941,188	\$3,413,500	\$1,869,568	\$2,133,631	\$2,272,090
E	Furnishings & Fixed Equipment	\$161,152	\$471,100	\$806,074	\$895,887	\$548,439	\$1,404,530	\$1,068,930	\$926,271	\$1,238,948
	Building Value Engineering			-\$1,002,456	-\$1,730,028					
	Building Subtotal	\$9,873,910	\$12,312,376	\$15,737,891	\$8,874,426	\$14,406,187	\$22,149,296	\$19,660,802	\$20,339,942	\$19,420,993
F	Special Construction & Demo	\$621,295	\$200,000	\$848,727	\$513,146	\$970,035	\$796,000	\$100,000	\$955,550	
G	Other Site Construction	\$1,179,254	\$1,981,506	\$3,740,431	\$926,010	\$1,721,166	\$4,862,379	\$2,607,230	\$3,387,862	\$3,430,807
G10	Site Preparation	\$35,602	\$423,701	\$635,871	\$118,161	\$223,521	\$547,650	\$405,803	\$735,326	\$472,259
G20	Site Improvements	\$856,217	\$1,054,265	\$2,376,118	\$711,449	\$929,145	\$2,051,832	\$1,589,432	\$1,378,890	\$1,923,783
G30	Mechanical Utilities	\$217,435	\$300,740	\$845,320	\$6,866	\$384,200	\$1,960,828	\$347,345	\$1,004,866	\$771,994
G40	Electrical Utilities	\$70,000	\$202,800	\$176,622	\$89,534	\$184,300	\$302,069	\$264,650	\$218,780	\$262,771
	Other Site Construction			-\$293,500			\$0	\$0	\$50,000	
	Subtotal	\$11,674,459	\$14,493,882	\$19,478,322	\$10,649,163	\$16,640,499	\$27,981,710	\$23,064,032	\$23,827,804	\$23,807,350
Z	Mark-Ups	\$3,225,042	\$2,838,408	\$4,499,662	\$3,076,641	\$3,042,172	\$7,242,063	\$6,394,042	\$4,946,097	\$5,607,415
Z	Insurance	\$128,424	\$300,172			\$117,518	\$288,300		\$257,868	
Z	Subcontractor Bond	\$109,160	\$97,556			\$117,518	\$453,572	\$149,916		
Z	Design & Pricing Contingency	\$1,167,491	\$714,694	\$1,500,000	\$1,482,796	\$1,339,240	\$3,191,937	\$2,726,861	\$862,203	\$1,953,353
Z	General Conditions	\$1,434,240	\$1,200,686			\$1,080,000	\$2,368,886	\$2,075,763	\$2,900,946	\$1,480,000
Z	Overhead & Profit / GMP Fee	\$385,727	\$525,300	\$2,999,662	\$1,593,845	\$387,896	\$1,227,668	\$691,921	\$320,745	\$1,076,252
Z	CM@Risk Contingency						\$0	\$461,281	\$862,203	\$839,942
	Construction Subtotal	\$14,899,501	\$17,332,290	\$23,977,984	\$13,725,804	\$19,682,671	\$35,223,773	\$29,458,074	\$28,773,901	\$29,414,765
Z	Project Scope Adjustments									
Z	Escalation to Construction Mid-Point	\$744,962	\$599,630	\$854,904	\$454,246	\$494,567	\$1,755,692	\$537,392	\$1,690,593	\$1,730,280
	Total Construction Cost	\$15,644,463	\$17,931,920	\$24,832,888	\$14,180,050	\$20,177,238	\$36,979,465	\$29,995,466	\$30,464,494	\$31,145,045
	Cost per Square Foot	\$112	\$294	\$299	\$170	\$259	\$377	\$457	\$326	\$339
Bid Alternates				\$509,276			\$0	\$405,000		
CM Preconstruction Services							\$175,000	\$105,000		\$200,000
Construction Contingency	\$1,250,000	\$896,596	\$1,264,036	\$671,635	\$807,089	\$1,848,973	\$1,500,000	\$1,523,225	\$1,557,252	
Designer	\$1,731,537	\$2,489,482	\$2,683,030	\$1,597,450	\$1,630,112	\$3,578,450	\$3,749,120	\$3,335,620	\$3,496,750	
OPM & other Professional services	\$705,000	\$600,157	\$1,200,500	\$692,500	\$428,000	\$1,331,290	\$1,218,842	\$905,749	\$1,468,300	
FF&E/IT	\$532,000	\$744,000	\$1,324,800	\$845,000	\$885,000	\$1,848,000	\$852,000	\$1,489,000	\$1,731,500	
Legal Fees	\$20,000		\$96,570	\$48,430	\$10,000	\$15,000		\$100,000	\$30,000	
Other Soft Costs	\$192,000	\$55,000	\$190,000	\$122,500	\$217,800	\$130,000	\$1,645,000	\$485,000	\$355,000	
Owner's Contingency		\$649,584	\$640,000	\$360,000	\$500,000	\$438,222	\$438,683	\$100,000	\$808,401	
	Total Project Budget *****	\$20,075,000	\$23,366,739	\$32,741,100	\$18,517,565	\$24,655,239	\$46,169,400	\$39,574,111	\$38,913,088	\$40,792,248
Bid Alternates				\$509,276		\$0	\$0	\$405,000		
Ineligible Costs & Contingency	\$554,068	\$327,255	\$166,570	\$182,227	\$355,463	\$0	\$1,200,045	\$596,343		
Scope Exclusions	\$2,049,340	\$1,232,916	\$3,691,726	\$1,127,267	\$689,535	\$9,010,092	\$12,970,025	\$4,614,893	\$5,556,354	
	Basis for Total Facilities Grant Reimbursement Rate	\$17,471,592	\$21,806,568	\$28,373,528	\$17,208,071	\$23,610,241	\$37,159,308	\$25,404,041	\$33,296,852	\$35,235,894
	40.00%	50.84%	62.07%	54.16%	63.50%	54.76%	59.73%	44.70%	37.27%	
	Maximum Facilities Grant	\$6,988,637	\$11,086,459	\$17,611,449	\$9,319,891	\$14,992,503	\$20,348,437	\$15,173,834	\$14,883,693	\$13,132,418

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

**Estimated Construction & Total Project Budget Cost Data at Schematic Design
Elementary Schools**

The information and data contained in this spreadsheet, for construction projects as of the January 2015 Board of Directors Meeting, 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.

District	Lincoln	Littleton *	Marblehead	Marblehead *	Middleton	Milford**	Nashoba	Needham	Newburyport	
School Name	Lincoln ES	Russel St ES	Glover ES	Village ES	Howe-Manning ES	Woodland ES	Center/Pompo ES	Newman ES	Bresnahan ES	
Construction Type	Add/Reno	Repair	New	Repair	New	New	Add/Reno	Repair	New	
Enrollment	600	389	425	734	553	985	600	754	660	
GSF	139,534	70,887	79,108	123,000	84,085	132,539	98,030	119,264	112,517	
Assumed Start of Construction	Sep-13	Jun-09	Jul-12	Dec-08	Mar-10	Jan-15	Jun-10	Jun-11	Jan-13	
OPM	Skanska US Buildings, Inc.	Daedalus Projects, Inc.	Municipal Building Consultants, Inc.	Municipal Building Consultants, Inc.	RF Walsh Collaborative Partners	Joslin, Lesser & Associates, Inc.	Construction Monitoring Services, Inc.	Town of Needham	Heerie International, Inc.	
Designer	OMR Architects, Inc.	Drumme Rosane Anderson, Inc.	JCJ Architecture	Symmes Maini & McKee Associates	DiNisco Design Partnership, Limited	HMFH Architects	Symmes Maini & McKee Associates	Drumme Rosane Anderson, Inc.	HMFH Architects	
Cost Estimator	DG Jones International, Inc.	Cost Pro	PM&C	Keville Enterprises	AM Fogarty	PM&C	Daedalus Projects, Inc.	Cost Pro	PM&C	
Division	Description of Work	Total Costs								
A	Substructure	\$1,332,521	\$13,857	\$1,126,114		\$1,193,034	\$1,591,121	\$975,645	\$80,425	\$1,333,785
B	Shell	\$7,767,976	\$590,000	\$4,866,673	\$2,609,360	\$5,435,875	\$10,174,385	\$6,296,335	\$3,928,545	\$6,235,938
B10	Superstructure	\$1,964,689	-	\$1,503,612	\$143,129	\$2,308,556	\$4,129,417	\$1,571,169	\$2,110,138	\$2,513,617
B20	Exterior Enclosure	\$3,553,151	-	\$2,726,756	\$1,162,759	\$2,254,265	\$5,282,337	\$3,323,996	\$327,075	\$2,611,424
B2010	Exterior Walls	\$2,007,479	-	-	-	-	\$3,008,068	-	\$327,075	\$1,989,416
B2020	Exterior Windows	\$1,316,531	-	-	-	-	\$2,165,809	-	-	\$573,291
B2030	Exterior Doors	\$229,141	-	-	-	-	\$108,460	-	-	\$48,717
B30	Roofing	\$2,250,136		\$636,305	\$1,303,472	\$873,054	\$762,631	\$1,401,170	\$1,491,332	\$1,110,897
C	Interiors	\$4,159,615	\$750,000	\$2,536,681	\$1,271,376	\$4,285,689	\$6,888,103	\$3,857,350	\$1,357,512	\$4,363,318
D	Services	\$9,912,876	\$5,108,745	\$5,092,501	\$5,790,037	\$5,159,545	\$11,702,627	\$6,384,371	\$6,130,967	\$7,231,568
D10	Conveying			\$71,500	\$88,280	\$105,000	\$113,000	\$67,500	\$82,500	\$89,307
D20	Plumbing	\$1,372,366		\$771,303	\$954,630	\$612,700	\$1,385,883	\$824,275	\$302,700	\$977,709
D30	HVAC	\$4,519,646		\$2,254,578	\$2,314,503	\$2,309,945	\$5,991,050	\$2,781,778	\$3,638,580	\$2,993,386
D40	Fire Protection	\$648,731		\$316,432		\$378,383	\$595,335	\$432,533	\$433,092	\$450,845
D50	Electrical Utilities	\$3,372,133		\$1,678,688	\$2,432,624	\$1,753,517	\$3,617,359	\$2,278,285	\$1,674,095	\$2,720,321
E	Furnishings & Fixed Equipment	\$1,462,421	\$85,645	\$942,486	\$631,857	\$760,175	\$1,497,209	\$1,355,431	\$632,481	\$888,145
	Building Value Engineering									
	Building Subtotal	\$24,635,409	\$6,548,247	\$14,564,455	\$10,302,630	\$16,834,318	\$31,853,445	\$18,869,132	\$12,129,930	\$20,052,754
F	Special Construction & Demo	\$1,103,622	\$546,969	\$462,000	\$1,065,357	\$92,665	\$888,884	\$474,241	\$4,047,981	\$752,641
G	Other Site Construction	\$4,322,865	\$1,133,297	\$1,285,485	\$1,013,153	\$2,820,071	\$5,205,236	\$2,939,380	\$676,421	\$3,832,587
G10	Site Preparation	\$1,096,548	-	\$299,924	-	\$839,031	\$939,269	\$589,005	\$285,913	\$395,110
G20	Site Improvements	\$1,763,248		\$661,886	\$1,013,153	\$1,394,388	\$2,796,679	\$1,291,633	\$228,608	\$1,632,894
G30	Mechanical Utilities	\$1,133,851	-	\$196,845	-	\$417,702	\$1,075,419	\$908,492	\$43,200	\$1,351,879
G40	Electrical Utilities	\$329,218	-	\$126,830	-	\$168,950	\$393,869	\$150,250	\$118,700	\$452,704
	Other Site Construction									
	Subtotal	\$30,061,896	\$8,228,513	\$16,311,940	\$12,381,140	\$19,747,054	\$37,947,565	\$22,282,753	\$16,854,332	\$24,637,982
Z	Mark-Ups	\$7,609,467	\$2,404,747	\$3,072,463	\$2,468,100	\$3,696,677	\$8,916,376	\$5,352,318	\$4,466,452	\$5,033,094
Z	Insurance	\$261,345		\$203,899			\$507,314	\$222,828		\$153,329
Z	Subcontractor Bond	\$348,460	\$156,516	\$106,028	\$225,337	\$296,206	\$345,896	\$160,436		\$310,553
Z	Design & Pricing Contingency	\$2,676,140	\$1,206,299	\$1,294,462	\$432,502	\$1,116,368	\$3,415,281	\$2,228,275	\$1,685,433	\$1,693,048
Z	General Conditions	\$2,980,992	\$1,041,932	\$978,716	\$818,674	\$1,049,103	\$3,083,803	\$2,005,448	\$2,160,025	\$1,767,486
Z	Overhead & Profit / GMP Fee	\$767,160		\$489,358	\$991,587	\$1,235,000	\$900,000	\$735,331	\$620,994	\$851,053
Z	CM@Risk Contingency	\$575,370					\$664,082			\$257,625
	Construction Subtotal	\$37,671,363	\$10,633,260	\$19,384,403	\$14,849,240	\$23,443,731	\$46,863,941	\$27,635,071	\$21,320,784	\$29,671,076
Z	Project Scope Adjustments									
Z	Escalation to Construction Mid-Point	\$2,029,178		\$815,597	\$576,670	\$937,749	\$1,517,903	\$1,381,531	\$600,000	\$1,446,365
	Total Construction Cost	\$39,700,541	\$10,633,260	\$20,200,000	\$15,425,910	\$24,381,480	\$48,381,844	\$29,016,602	\$21,920,784	\$31,117,441
	Cost per Square Foot	\$285	\$150	\$255	\$125	\$290	\$365	\$296	\$184	\$277
	Bid Alternates				\$464,915					\$250,000
	CM Preconstruction Services	\$200,000					\$140,000			
	Construction Contingency	\$2,000,000	\$761,340	\$1,084,583		\$1,175,094	\$2,298,138	\$2,176,245	\$1,774,847	\$1,226,634
	Designer	\$4,516,410	\$1,477,500	\$2,324,207	\$1,705,876	\$2,386,600	\$5,208,677	\$3,226,200	\$2,172,000	\$2,200,469
	OPM & other Professional services	\$1,474,590	\$417,900	\$991,192	\$850,560	\$1,290,000	\$1,712,274	\$918,875	\$749,000	\$1,411,460
	FF&E/IT	\$1,440,000		\$1,020,000		\$1,327,200	\$2,364,000	\$2,186,724		\$1,584,000
	Legal Fees		\$10,000	\$15,000	\$25,000			\$40,000		\$10,000
	Other Soft Costs	\$125,000	\$100,000	\$42,624	\$562,445	\$228,000	\$415,000	\$232,000	\$130,000	\$768,200
	Owner's Contingency	\$500,000		\$222,394	\$1,589,082	\$604,360	\$380,067	\$623,857	\$665,500	\$250,000
	Total Project Budget *****	\$49,956,541	\$13,400,000	\$25,900,000	\$20,623,788	\$31,392,734	\$60,900,000	\$38,420,503	\$27,412,131	\$38,818,204
	Bid Alternates				\$464,915					\$250,000
	Ineligible Costs & Contingency		\$10,000	\$114,162	\$25,000		\$1,814,320	\$816,724	\$50,000	
	Scope Exclusions	\$3,106,156	\$358,169	\$270,418	\$185,505	\$1,277,885	\$10,925,323	\$1,945,448	\$5,864,809	\$3,821,030
	Basis for Total Facilities Grant Reimbursement Rate	\$46,850,385	\$13,031,831	\$25,515,420	\$19,948,368	\$30,114,849	\$48,160,357	\$35,658,331	\$21,497,322	\$34,747,174
	Reimbursement Rate	44.80%	47.84%	40.00%	40.00%	51.47%	59.94%	50.85%	40.00%	52.78%
	Maximum Facilities Grant	\$20,988,972	\$6,234,428	\$10,206,168	\$7,979,347	\$15,500,113	\$28,082,547	\$18,132,261	\$8,598,929	\$18,339,558

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

* Littleton & Marblehead - PS&B Agreement budget shown reflects a Maximum Facilities Grant Amount that is lower than the amount approved by the MSBA Board Vote.

** Milford Woodland ES - The Maximum Facilities Grant includes cost recovery of \$784,771 in state funds.

**Estimated Construction & Total Project Budget Cost Data at Schematic Design
Elementary Schools**

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District	Newton	Norfolk	Northborough	Revere	Rochester	E. Somerville**	South Hadley	Springfield	Springfield ***	
School Name	Angier ES	Freeman-Centennial ES	Lincoln Street ES	Staff Sargeant James J. Hill ES	Rochester Memorial ES	E. Somerville Community K-8	Plains ES	Elias Brookings ES	Mary A. Dryden Memorial ES	
Construction Type	New	New	Add/Reno	New	Add/Reno	Renovation	New	New	Add/Reno	
Enrollment	465	585	270	690	635	500	270	320	280	
GSF	74,960	96,410	52,920	103,650	105,596	121,071	63,377	64,800	40,900	
Assumed Start of Construction	Jun-14	Jul-10	Apr-15	Jan-14	Jun-10	Nov-10	Mar-14	Oct-13	Jun-12	
OPM	Joslin, Lesser & Associates, Inc.	Joslin, Lesser & Associates, Inc.	Strategic Building Solutions	Hill International	PMA Consultants	City of Somerville	Arcadis	Arcadis U.S., Inc.	Arcadis U.S., Inc.	
Designer	DiNisco Design Partnership	Flansburgh Associates, Inc.	Lamoureux Pagano & Associates, Inc.	Drumme Rosane Anderson, Inc.	Flansburgh Associates, Inc.	Maguire Group, Inc.	Margo Jones Architects, Inc.	Drumme Rosane Anderson, Inc.	Drumme Rosane Anderson, Inc.	
Cost Estimator	A.M. Fogarty	Cost Pro	AM Fogarty	Cost Pro	Cost Pro	Daedalus Projects, Inc.	PM&C	Rider Levett Bucknall		
Division	Description of Work								Total Costs	
A	Substructure	\$739,962	\$1,263,820	\$343,700	\$3,019,856	\$643,947	\$255,380	\$1,046,531	\$962,071	\$296,876
B	Shell	\$6,434,732	\$8,064,223	\$2,476,600	\$8,728,482	\$3,103,457	\$6,688,103	\$5,726,957	\$5,602,296	\$1,518,467
B10	Superstructure	\$1,363,387	\$2,852,181	\$547,500	\$3,366,282	\$2,249,369	\$2,086,022	\$1,705,479	\$1,926,506	\$464,304
B20	Exterior Enclosure	\$4,282,400	\$4,170,761	\$1,282,500	\$4,468,123	\$511,511	\$3,098,208	\$2,577,253	\$2,941,630	\$867,436
B2010	Exterior Walls	\$2,158,242	-	\$763,300	\$2,749,415	\$107,844	-	\$1,000,000	\$2,439,081	\$500,538
B2020	Exterior Windows	\$1,049,069	-	\$409,200	\$1,679,028	\$312,646	-	\$1,000,000	\$463,199	\$334,898
B2030	Exterior Doors	\$73,459	-	\$110,000	\$39,680	\$91,021	-	\$577,253	\$39,350	\$32,000
B30	Roofing	\$788,945	\$1,041,281	\$646,600	\$894,077	\$342,577	\$1,503,873	\$1,444,225	\$734,160	\$186,727
C	Interiors	\$3,500,974	\$3,062,623	\$2,586,600	\$4,306,789	\$2,186,067	\$4,072,359	\$2,516,455	\$3,203,892	\$1,676,810
D	Services	\$6,082,880	\$5,531,622	\$4,440,600	\$7,368,067	\$7,535,698	\$8,091,812	\$4,532,413	\$5,254,511	\$3,331,277
D10	Conveying	\$120,000	\$72,383	\$22,500	\$113,000	\$65,800	\$171,531	\$116,500	\$125,000	\$17,500
D20	Plumbing	\$858,268	\$627,609	\$564,600	\$1,160,665	\$1,446,756	\$928,493	\$541,380	\$547,123	\$537,663
D30	HVAC	\$2,651,875	\$2,410,250	\$1,952,300	\$3,247,892	\$3,309,450	\$3,653,768	\$2,171,337	\$2,025,376	\$1,227,272
D40	Fire Protection	\$306,931	\$438,666	\$226,500	\$429,655	\$475,182	\$551,212	\$259,465	\$244,475	\$191,400
D50	Electrical Utilities	\$2,145,806	\$1,982,714	\$1,674,700	\$2,416,855	\$2,238,510	\$2,786,808	\$1,443,731	\$2,312,537	\$1,357,442
E	Furnishings & Fixed Equipment	\$1,552,469	\$827,819	\$897,400	\$886,774	\$570,592	\$2,467,404	\$841,925	\$351,904	\$394,370
	Building Value Engineering									
	Building Subtotal	\$18,311,017	\$18,750,107	\$10,744,900	\$24,309,968	\$14,039,761	\$21,575,058	\$14,664,281	\$15,374,674	\$7,217,800
F	Special Construction & Demo	\$909,863	\$1,430,148	\$701,700	\$251,524	\$1,254,198	\$676,000	\$0	\$0	\$523,573
G	Other Site Construction	\$1,980,695	\$3,222,716	\$2,254,100	\$2,633,282	\$2,014,163	\$1,565,210	\$2,143,874	\$1,830,146	\$1,023,843
G10	Site Preparation	\$363,653	\$352,471	\$430,100	\$421,476	\$285,813	\$62,864	\$329,447	\$399,530	\$210,414
G20	Site Improvements	\$889,136	\$1,066,943	\$1,295,400	\$1,269,525	\$1,312,050	\$1,050,186	\$926,333	\$824,085	\$571,975
G30	Mechanical Utilities	\$452,029	\$1,546,558	\$365,000	\$748,771	\$274,600	\$452,160	\$623,424	\$466,531	\$194,100
G40	Electrical Utilities	\$275,877	\$256,744	\$163,600	\$193,510	\$141,700		\$264,670	\$140,000	\$47,354
	Other Site Construction						-\$2,000,000			
	Subtotal	\$21,201,575	\$23,402,971	\$13,700,700	\$26,943,250	\$16,305,448	\$22,394,466	\$17,484,155	\$17,204,820	\$8,765,216
Z	Mark-Ups	\$4,394,142	\$4,837,395	\$3,713,000	\$5,877,086	\$3,707,000	\$4,884,508	\$3,642,562	\$4,382,230	\$1,805,969
Z	Insurance	\$229,585			\$369,012			\$174,842		
Z	Subcontractor Bond	\$181,251		\$259,100	\$191,886		\$237,381	\$113,647	\$402,811	
Z	Design & Pricing Contingency	\$1,674,341	\$2,567,306	\$1,485,000	\$3,008,188	\$1,354,000	\$560,000	\$1,780,499	\$1,615,168	\$213,880
Z	General Conditions	\$1,768,965	\$1,567,275	\$1,512,800	\$1,500,000	\$1,770,000	\$1,119,723	\$1,049,049	\$1,630,373	\$1,230,662
Z	Overhead & Profit / GMP Fee	\$540,000	\$702,814	\$456,100	\$808,000	\$583,000	\$2,407,404	\$524,525	\$338,965	\$158,437
Z	CM@Risk Contingency						\$560,000		\$394,913	\$202,990
	Construction Subtotal	\$25,595,717	\$28,240,366	\$17,413,700	\$32,820,336	\$20,012,448	\$27,278,974	\$21,126,717	\$21,587,050	\$10,571,185
Z	Project Scope Adjustments									
Z	Escalation to Construction Mid-Point	\$635,981	\$700,361	\$810,900	\$1,077,000	\$530,000	\$291,128	\$437,104	\$1,146,344	\$149,716
	Total Construction Cost	\$26,231,698	\$28,940,727	\$18,224,600	\$33,897,336	\$20,542,448	\$27,570,102	\$21,563,821	\$22,733,394	\$10,720,901
	Cost per Square Foot	\$350	\$300	\$344	\$327	\$195	\$228	\$340	\$351	\$262
Bid Alternates		\$3,948,259								
CM Preconstruction Services		\$123,600				\$200,000	\$100,000		\$90,000	\$75,000
Construction Contingency		\$1,311,474	\$1,736,444	\$1,458,000	\$1,695,000	\$1,150,000	\$1,120,100	\$1,617,287	\$1,326,000	\$1,072,090
Designer		\$2,992,567	\$3,000,409	\$2,340,500	\$3,658,000	\$1,704,398	\$2,735,403	\$2,520,000	\$1,932,950	\$983,375
OPM & other Professional services		\$1,111,192	\$1,390,450	\$930,803	\$1,267,400	\$639,850	\$926,841	\$1,006,729	\$906,656	\$522,500
FF&E/IT		\$1,116,000	\$1,755,000	\$648,000	\$1,656,000	\$1,400,000	\$1,397,320	\$748,000	\$768,000	\$672,000
Legal Fees				\$15,000	\$35,000		\$30,000			
Other Soft Costs		\$305,000	\$323,000	\$1,306,550	\$2,053,660	\$152,000	\$70,000	\$80,000	\$90,000	\$90,000
Owner's Contingency		\$360,210	\$400,000	\$546,700	\$120,000	\$678,304	\$862,812	\$647,964	\$53,000	\$261,276
	Total Project Budget *****	\$37,500,000	\$37,546,030	\$25,470,153	\$44,382,396	\$26,497,000	\$34,782,578	\$28,183,801	\$27,900,000	\$14,397,142
Bid Alternates		\$3,948,259								
Ineligible Costs & Contingency			\$2,917,538	\$1,093,508		\$75,000	\$10,286,690		\$1,036,585	\$2,939,350
Scope Exclusions		\$4,849,900	\$2,125,398	\$4,695,465	\$7,443,586	\$1,156,292	\$5,403,539	\$3,787,407	\$4,923,394	\$797,794
	Basis for Total Facilities Grant Reimbursement Rate	\$28,701,841	\$32,503,094	\$19,681,180	\$36,938,810	\$25,265,708	\$19,092,349	\$24,396,394	\$21,940,021	\$10,659,998
	Reimbursement Rate	40.10%	53.16%	52.88%	80.00%	57.94%	80.00%	62.69%	80.00%	80.00%
	Maximum Facilities Grant	\$11,509,438	\$17,278,645	\$10,407,408	\$29,551,048	\$14,638,951	\$15,273,879	\$15,294,099	\$17,552,016	\$8,527,998

***** Total Project Budget Value includes the cost of Alternates.
 ** Somerville - Ineligible Total includes \$10,023,433. Remaining Insurance Proceeds.
 *** Springfield - Ineligible Total includes \$2,939,350; the value of third party funding.

Estimated Construction & Total Project Budget Cost Data at Schematic Design Middle Schools

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District	Abington	Auburn	Boston	Burlington	Chelsea	Fall River	Haverhill *	Hingham	
School Name	Frolio Middle School	Auburn Middle School	Dearborn Middle School	Marshall Simonds Middle School	Clark Avenue Middle School	Morton Middle School	Caleb Distin Hunking Middle School	Hingham Middle School	
Construction Type	New	New	New	Add/Reno	New	New	New	New	
Enrollment	1,115	560	600	880	670	625	1,005	618	
GSF	235,370	100,395	128,304	151,000	115,235	130,600	147,996	176,385	
Assumed Start of Construction	Dec-15	Apr-14	Jun-15	Mar-11	Feb-15	May-11	May-15	May-12	
OPM	Knight, Bagge & Anderson, Inc.	Skanska USA Building, Inc.	Daedalus Projects, Inc.	Construction Monitoring Services	Pinck & Company, Inc.	MaguireGroup, Inc.	Joslin, Lesser & Associates	Knight, Bagge & Anderson, Inc.	
Designer	Ai3 Architects, LLC	Lamoureux Pagano & Associates, Inc.	Jonathan Levi Architects	Knight, Bagge & Anderson, Inc.	HMFH Architects	Mt. Vernon Group Architects	JCJ Architecture	Ai3 Architects, LLC	
Cost Estimator	PM&C	AM Fogarty	PM&C	Carbone Estimating Group	PM&C	Tarbell Construction Management Services	VJ Associates	AM Fogarty	
Division #	Description of Work	Total Costs							
A	Substructure	\$3,653,884	\$1,312,435	\$1,519,396	\$859,771	\$3,253,769	\$1,428,953	\$2,486,821	\$2,953,849
B	Shell	\$17,931,830	\$7,638,427	\$11,959,027	\$4,175,998	\$8,546,875	\$9,693,837	\$12,055,257	\$12,374,390
	B10 Superstructure	\$7,816,245	\$2,600,129	\$4,704,030	\$579,884	\$4,143,506	\$3,243,065	\$4,609,954	\$4,470,070
	B20 Exterior Enclosure	\$7,886,336	\$3,593,701	\$5,633,449	\$2,078,460	\$3,602,488	\$4,931,911	\$5,670,811	\$6,188,525
	B2010 Exterior Walls	\$4,770,639	\$2,719,810	\$3,807,442	\$1,709,910	\$2,622,495		\$4,272,072	
	B2020 Exterior Windows	\$2,922,392	\$717,242	\$1,759,227	\$319,150	\$933,823		\$1,300,559	
	B2030 Exterior Doors	\$193,305	\$156,649	\$66,780	\$49,400	\$46,170		\$98,180	
	B30 Roofing	\$2,229,249	\$1,444,597	\$1,621,548	\$1,517,654	\$800,881	\$1,518,861	\$1,774,492	\$1,715,795
C	Interiors	\$10,962,591	\$4,845,427	\$8,421,359	\$3,448,065	\$6,197,127	\$5,892,557	\$6,552,938	\$9,565,282
D	Services	\$20,376,534	\$7,902,151	\$12,798,260	\$9,333,744	\$10,101,675	\$9,440,037	\$12,212,163	\$11,221,848
	D10 Conveying	\$152,800	\$84,860	\$161,800	\$104,150	\$273,500	\$400,000	\$186,420	\$106,460
	D20 Plumbing	\$2,843,986	\$1,201,441	\$1,826,092	\$942,824	\$1,483,649	\$1,316,462	\$1,655,230	\$1,589,200
	D30 HVAC	\$7,712,118	\$3,405,124	\$5,813,852	\$4,648,620	\$4,586,809	\$3,813,108	\$5,947,712	\$4,409,625
	D40 Fire Protection	\$1,000,323	\$436,175	\$820,440	\$729,345	\$455,554	\$475,657	\$668,051	\$714,360
	D50 Electrical Utilities	\$8,667,307	\$2,774,551	\$4,176,076	\$2,908,805	\$3,302,163	\$3,434,810	\$3,754,750	\$4,402,203
E	Furnishings & Fixed Equipment	\$3,495,197	\$1,652,518	\$1,956,960	\$1,105,598	\$1,211,630	\$1,910,765	\$1,139,563	\$1,891,620
	Building Value Engineering								
	Building Subtotal	\$56,420,036	\$23,350,958	\$36,655,002	\$18,923,176	\$29,311,076	\$28,366,149	\$34,446,742	\$38,006,989
F	Special Construction & Demo	\$2,127,480		\$2,436,300	\$1,166,000	\$3,137,750	\$1,705,000	\$743,385	\$1,128,136
G	Other Site Construction	\$6,692,931	\$3,505,297	\$3,048,030	\$734,135	\$1,386,359	\$4,081,433	\$3,779,183	\$3,867,461
	G10 Site Preparation	\$1,251,640	\$826,741	\$1,653,874	\$155,499	\$265,270	\$829,150	\$869,996	\$951,463
	G20 Site Improvements	\$3,539,666	\$1,333,642	\$1,022,336	\$281,371	\$814,619	\$2,099,583	\$1,524,479	\$1,697,337
	G30 Mechanical Utilities	\$1,585,645	\$1,023,406	\$221,820	\$265,137	\$170,750	\$873,700	\$693,501	\$937,561
	G40 Electrical Utilities	\$315,980	\$321,508	\$150,000	\$32,128	\$135,720	\$279,000	\$691,207	\$281,100
	Other Site Construction								
	Subtotal	\$65,240,447	\$26,856,255	\$42,139,332	\$20,823,311	\$33,835,185	\$34,152,582	\$38,969,310	\$43,002,586
Z	Mark-Ups	\$9,720,826	\$7,018,847	\$14,766,330	\$3,370,273	\$9,788,697	\$7,105,447	\$9,275,820	\$5,709,750
	Insurance	\$652,404	\$234,941	\$590,334	\$229,893	\$796,438	\$550,000	\$279,517	\$430,026
	Subcontractor Bond	\$587,164	\$296,026	\$306,974	\$330,982	\$0	\$375,000	\$430,026	\$430,026
	Design & Pricing Contingency	\$3,262,022	\$2,092,901	\$4,293,339	\$624,699	\$2,706,815	\$2,049,155	\$3,120,847	\$2,150,129
	General Conditions	\$3,588,225	\$2,511,368	\$7,556,277	\$1,560,000	\$5,234,605	\$2,959,854	\$3,478,880	\$1,560,000
	Overhead & Profit / GMP Fee	\$1,631,011	\$986,653	\$1,179,406	\$624,699	\$1,065,300	\$1,300,000	\$975,000	\$1,290,078
	CM at Risk Contingency		\$896,958	\$840,000		\$781,977		\$776,093	
	Construction Subtotal	\$74,961,273	\$33,875,102	\$56,905,662	\$24,193,584	\$43,623,882	\$41,258,029	\$48,245,130	\$48,712,336
Z	Project Scope Adjustments								
Z	Escalation to Construction Mid-Point	\$2,248,838	\$1,599,574	\$3,340,078	\$489,702	\$2,422,485	\$1,200,000	\$1,753,700	\$1,720,103
	Total Construction Cost	\$77,210,111	\$35,474,676	\$60,245,740	\$24,683,286	\$46,046,367	\$42,458,029	\$49,998,830	\$50,432,439
	Cost per Square Foot	\$328	\$353	\$470	\$163	\$400	\$325	\$338	\$286
	Bid Alternates	\$1,255,255	\$938,130						\$500,000
	CM Preconstruction Services		\$100,000	\$370,000		\$198,000		\$150,000	
	Construction Contingency	\$3,088,404	\$1,283,946	\$2,409,830	\$1,851,246	\$1,378,734	\$1,300,000	\$2,084,900	\$2,521,622
	Designer	\$6,964,920	\$3,290,532	\$6,432,625	\$2,589,500	\$4,707,120	\$5,345,000	\$4,537,364	\$3,150,519
	OPM & other Professional services	\$2,622,091	\$1,267,968	\$1,770,000	\$750,800	\$1,725,020	\$1,210,000	\$1,660,000	\$1,403,340
	FF&E/IT	\$2,676,000	\$1,578,000	\$1,620,000	\$2,313,000	\$1,608,000	\$1,500,000	\$2,412,000	\$2,448,000
	Legal Fees			\$40,000			\$100,000		\$50,000
	Other Soft Costs	\$550,000	\$150,000	\$250,100	\$20,000	\$203,000	\$250,000	\$239,906	\$305,000
	Owner's Contingency	\$2,033,219	\$427,982	\$400,000	\$617,667	\$1,466,166	\$1,100,000	\$417,000	\$100,000
	Total Project Budget ***	\$96,400,000	\$44,511,234	\$73,498,295	\$32,865,499	\$57,332,407	\$53,263,029	\$61,500,000	\$60,910,920
	Bid Alternates	\$1,255,255	\$938,130						\$500,000
	Ineligible Costs & Contingency	\$2,316,303		\$1,807,373	\$923,178	\$918,270	\$503,910	\$1,584,912	\$1,279,516
	Scope Exclusions	\$7,729,606	\$8,140,051	\$22,088,266	\$201,000	\$9,370,472	\$4,944,362	\$8,682,744	\$71,500
	Basis for Total Facilities Grant	\$85,098,836	\$35,433,053	\$49,602,656	\$31,741,321	\$47,043,665	\$47,814,757	\$51,232,344	\$59,059,904
	Reimbursement Rate	58.97%	58.61%	75.34%	54.01%	80.00%	80.00%	78.93%	43.87%
	Maximum Facilities Grant	\$50,182,784	\$20,767,312	\$37,370,641	\$17,143,487	\$37,634,932	\$38,251,806	\$40,363,275	\$25,909,580

* Haverhill Caleb Distin Hunking Middle School - Maximum Total Facilities Grant includes cost recovery of \$74,414.

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

Estimated Construction & Total Project Budget Cost Data at Schematic Design Middle Schools

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District	Hudson	Lynn	Newburyport	North Adams	Peabody	Quincy	Saugus	Scituate**
School Name	JFK Middle School	Thurgood Marshall MS	Rupert Nock Middle School	Conte Middle School	J. Henry Higgins Middle School	Central Middle School	Belmonte Middle School	Gates Intermediate School
Construction Type	New	New	Reno	Add/Reno	New	New	Repair	New
Enrollment	715	1,100	845	310	1,340	600	725	710
GSF	118,846	181,847	161,500	78,119	211,982	114,975	160,000	164,803
Assumed Start of Construction	Oct-11	May-14	Mar-13	Jan-14	Jun-14	Oct-11	May-12	Dec-15
OPM	PMA Consultants	Joslin, Lesser & Associates	HEERY	Strtegic Building Solutions, LLC	Daedalus Projects, Inc.	Tishman Construction Corp	Skanska USA Buildings, Inc.	Daedalus Projects, Inc.
Designer	The Office of Michael Rosenfeld, Inc.	Raymond Design Associates	Miller Dyer Spear	Margo Jone Architects, Inc	DiNisco Deisgn Partnership	Ai3 Architects, LLC	Feltcher Thompson Architecture Engineering	Dore & Whittier Architects, Inc.
Cost Estimator	DG Jones	VJ Associates	Ellana Construction Cost Consultants	AM Fogarty	AM Fogarty	PM&C	VJ Associates	PM&C
Division #	Description of Work	Total Costs						
A	Substructure	\$1,719,704	\$7,244,706	\$15,000	\$153,700	\$2,908,292	\$1,416,015	\$2,671,916
B	Shell	\$7,616,423	\$16,624,415	\$2,516,920	\$4,250,600	\$16,064,335	\$9,009,329	\$14,556,886
B10	Superstructure	\$3,100,000	\$6,797,917	\$162,298	\$505,200	\$6,254,054	\$2,728,485	\$4,918,798
B20	Exterior Enclosure	\$3,116,423	\$7,829,061	\$1,138,812	\$3,144,900	\$7,513,989	\$5,167,205	\$7,259,103
	B2010 Exterior Walls		\$4,969,818			\$4,806,352	-	\$5,064,095
	B2020 Exterior Windows		\$2,716,024			\$2,568,062	-	\$2,026,703
	B2030 Exterior Doors		\$143,219			\$139,575	-	\$168,305
B30	Roofing	\$1,400,000	\$1,997,437	\$1,215,810	\$600,500	\$2,296,292	\$1,113,639	\$2,378,985
C	Interiors	\$5,291,970	\$9,170,553	\$2,253,453	\$3,216,810	\$10,300,117	\$5,531,708	\$9,294,095
D	Services	\$7,920,000	\$14,941,020	\$7,297,418	\$5,960,900	\$16,117,582	\$8,852,552	\$14,571,503
D10	Conveying	\$95,000	\$186,500	\$10,000	\$247,300	\$210,420	\$91,238	\$180,000
D20	Plumbing	\$1,100,000	\$2,235,119	\$570,244	\$762,400	\$2,286,565	\$1,288,633	\$1,889,540
D30	HVAC	\$3,800,000	\$6,580,777	\$3,570,339	\$2,505,800	\$6,694,921	\$3,919,779	\$6,120,253
D40	Fire Protection	\$525,000	\$746,400	\$743,040	\$415,900	\$880,896	\$437,905	\$611,925
D50	Electrical Utilities	\$2,400,000	\$5,192,224	\$2,403,795	\$2,029,500	\$6,044,780	\$3,114,997	\$5,769,785
E	Furnishings & Fixed Equipment	\$1,470,000	\$1,933,070	\$847,835	\$939,100	\$2,171,878	\$1,730,498	\$2,559,490
	Building Value Engineering		\$0				-\$2,100,000	
	Building Subtotal	\$24,018,097	\$49,913,764	\$12,930,626	\$14,521,110	\$47,562,204	\$24,440,102	\$43,653,890
F	Special Construction & Demo	\$1,185,000	\$367,520	\$1,518,030	\$1,173,870	\$3,396,348	\$1,202,451	\$495,210
G	Other Site Construction	\$3,897,146	\$2,993,029	\$114,296	\$1,338,960	\$7,663,712	\$3,135,346	\$5,223,669
G10	Site Preparation	\$1,180,296	\$751,752	\$19,422	\$229,800	\$1,914,616	\$362,973	\$880,628
G20	Site Improvements	\$1,600,000	\$1,529,213	\$86,813	\$817,860	\$4,202,561	\$2,191,679	\$2,068,985
G30	Mechanical Utilities	\$1,000,000	\$554,114	\$8,061	\$190,300	\$910,885	\$402,744	\$1,454,656
G40	Electrical Utilities	\$116,850	\$157,950	\$0	\$101,000	\$635,650	\$177,950	\$819,400
	Other Site Construction		\$0				-\$874,000	
	Subtotal	\$29,100,243	\$53,274,313	\$14,562,952	\$17,033,940	\$58,622,264	\$27,903,899	\$49,372,769
Z	Mark-Ups	\$5,020,000	\$11,534,162	\$6,228,669	\$4,223,139	\$13,578,267	\$4,279,062	\$10,139,038
Z	Insurance	\$500,000	\$744,000	\$407,835	\$643,435	\$188,351	\$125,000	\$617,160
Z	Subcontractor Bond	\$220,000	\$434,725	\$183,493	\$323,645	\$649,870	\$223,231	\$320,924
Z	Design & Pricing Contingency	\$1,700,000	\$5,061,060	\$2,585,098	\$1,703,394	\$6,563,685	\$1,395,195	\$4,757,406
Z	General Conditions	\$1,700,000	\$4,044,377	\$1,245,264	\$1,429,573	\$4,151,922	\$1,604,474	\$2,962,365
Z	Overhead & Profit / GMP Fee	\$900,000	\$1,250,000	\$507,113	\$766,527	\$1,569,355	\$867,811	\$1,481,183
Z	CM at Risk Contingency		\$1,299,866				\$300,000	
	Construction Subtotal	\$34,120,243	\$64,808,475	\$20,791,621	\$21,257,079	\$72,200,531	\$32,182,961	\$59,511,807
Z	Project Scope Adjustments							
Z	Escalation to Construction Mid-Point	\$700,000	\$2,916,769	\$1,039,581	\$596,188	\$2,888,021	\$424,139	\$2,468,637
	Total Construction Cost	\$34,820,243	\$67,725,244	\$21,831,202	\$21,853,267	\$75,088,552	\$32,607,100	\$61,980,444
	Cost per Square Foot	\$293	\$372	\$135	\$280	\$354	\$284	\$376
	Bid Alternates		\$3,500,000			\$1,647,109		\$1,339,835
	CM Preconstruction Services		\$149,540	\$100,000				\$75,000
	Construction Contingency	\$1,500,000	\$3,386,262	\$1,091,560	\$2,185,327	\$3,714,253	\$2,170,679	\$2,526,561
	Designer	\$3,784,020	\$6,528,539	\$1,879,838	\$2,569,000	\$6,383,665	\$2,961,393	\$6,917,495
	OPM & other Professional services	\$1,173,599	\$2,350,461	\$1,128,056	\$1,176,000	\$1,722,700	\$1,386,729	\$1,989,500
	FF&E/IT	\$1,716,000	\$2,640,000	\$525,000	\$744,000	\$3,216,000	\$1,488,000	\$1,704,000
	Legal Fees	\$30,000	\$15,000	\$10,000	\$30,000	\$10,000	\$10,000	
	Other Soft Costs	\$329,500	\$4,240,000	\$260,750	\$155,000	\$296,000	\$7,639,474	\$50,000
	Owner's Contingency	\$750,000	\$1,479,954	\$165,920	\$1,000,000	\$500,000	\$1,736,889	\$250,000
	Total Project Budget ***	\$44,103,362	\$92,000,000	\$26,997,326	\$29,692,594	\$92,598,279	\$50,000,264	\$20,277,465
	Bid Alternates		\$3,500,000			\$1,647,109		\$1,339,835
	Ineligible Costs & Contingency	\$427,903					\$7,722,021	\$2,077,834
	Scope Exclusions	\$2,258,482	\$21,520,157	\$1,527,013	\$717,199	\$13,175,964	\$1,032,216	\$25,527,015
	Basis for Total Facilities Grant Reimbursement Rate	\$41,416,977	\$66,979,843	\$25,470,313	\$28,975,395	\$77,775,206	\$41,246,027	\$48,145,151
	Maximum Facilities Grant	\$24,067,405	\$53,583,874	\$13,697,934	\$23,180,316	\$43,678,556	\$32,996,822	\$20,945,070

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

Estimated Construction & Total Project Budget Cost Data at Schematic Design Middle Schools

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District	Sharon	Shrewsbury	Stoneham	Wachusett	Wakefield	Westborough		
School Name	Sharon Middle School	Sherwood Middle School	Stoneham Middle School	Mountain View Middle School	Galvin Middle School	Sarah Gibbons Middle School		
Construction Type	Add/Reno	New	Add/Reno	New	New	Repair		
Enrollment	845	900	775	800	1,070	550		
GSF	171,286	129,378	136,410	126,200	187,773	110,000		
Assumed Start of Construction	Jun-10	Feb-10	Oct-12	Mar-14	Apr-13	Jun-15		
OPM	Daedalus Projects, Inc.	PMA Consultants	Joslin, Lesser & Associates	Town Employee	Joslin, Lesser & Associates	Heery International		
Designer	Kaestle Boos Associates, Inc.	Lamoureux Pagano & Associates, Inc.	Tappe Associates, Inc.	Lamoureux Pagano & Associates, Inc.	Tappe Associates, Inc.	Habeeb & Associates		
Cost Estimator	Coast & Harbor Associates	AM Fogarty	PM&C	AM Fogarty	PM&C	North Bay Company		
Division #	Description of Work	Total Costs						
A	Substructure	\$464,422	\$1,565,463	\$2,423,432	\$1,480,143	\$4,431,770	\$75,000	\$44,038,441
B	Shell	\$6,575,574	\$7,057,858	\$6,207,623	\$10,231,943	\$12,950,633	\$3,176,290	\$204,745,722
B10	Superstructure	\$1,027,381	\$2,801,264	\$2,363,584	\$3,931,509	\$5,521,317	\$7,500	\$72,286,190
B20	Exterior Enclosure	\$4,644,045	\$3,486,265	\$2,758,332	\$5,074,898	\$5,392,021	\$1,013,490	\$99,265,475
B2010	Exterior Walls	-	\$2,578,733	-	\$3,820,285	\$3,983,264	\$23,000	\$45,147,915
B2020	Exterior Windows	-	\$857,582	-	\$1,171,583	\$1,324,342	\$928,390	\$19,545,079
B2030	Exterior Doors	-	\$49,950	-	\$83,030	\$84,415	\$62,100	\$1,341,078
B30	Roofing	\$904,148	\$770,329	\$1,085,707	\$1,225,536	\$2,037,295	\$2,155,300	\$33,194,057
C	Interiors	\$4,174,085	\$4,916,102	\$3,860,570	\$5,452,285	\$8,432,635	\$1,584,836	\$130,327,362
D	Services	\$8,344,083	\$8,049,434	\$7,360,075	\$9,881,752	\$13,132,405	\$6,590,694	\$228,496,188
D10	Conveying	\$125,000	\$127,500	\$71,500	\$144,360	\$193,000	\$26,500	\$3,407,508
D20	Plumbing	\$1,381,567	\$1,244,228	\$1,021,518	\$1,310,352	\$1,765,616	\$684,189	\$31,105,663
D30	HVAC	\$3,016,569	\$3,414,597	\$3,420,267	\$4,056,078	\$5,389,168	\$2,042,755	\$96,581,569
D40	Fire Protection	\$761,573	\$558,007	\$349,585	\$504,292	\$741,400	\$492,950	\$13,677,040
D50	Electrical Utilities	\$3,059,374	\$2,705,102	\$2,497,205	\$3,866,670	\$5,043,221	\$3,344,300	\$83,724,408
E	Furnishings & Fixed Equipment	\$2,064,282	\$1,495,668	\$1,357,575	\$1,913,682	\$2,221,585	\$1,267,173	\$36,392,687
	Building Value Engineering							-\$2,100,000
	Building Subtotal	\$21,622,446	\$23,084,525	\$21,209,275	\$28,959,805	\$41,169,028	\$12,693,993	\$641,900,400
F	Special Construction & Demo	\$851,985	\$1,106,000	\$1,694,598	\$1,480,548	\$1,901,580	\$443,544	\$30,916,084
G	Other Site Construction	\$3,813,775	\$3,196,971	\$2,720,878	\$3,302,032	\$4,503,316	\$69,358,945	\$78,360
G10	Site Preparation	\$245,205	\$912,549	\$648,344	\$773,405	\$636,508		\$15,409,131
G20	Site Improvements	\$1,905,089	\$1,696,029	\$1,233,509	\$1,255,731	\$2,938,671	\$68,000	\$34,090,023
G30	Mechanical Utilities	\$1,317,551	\$551,793	\$561,775	\$745,054	\$711,337	\$10,360	\$14,239,926
G40	Electrical Utilities	\$345,930	\$36,600	\$277,250	\$527,842	\$216,800		\$5,619,865
	Other Site Construction						\$67,500	-\$806,500
	Subtotal	\$26,288,206	\$27,387,496	\$25,624,751	\$33,742,385	\$47,573,924	\$13,283,397	\$741,368,929
Z	Mark-Ups	\$7,059,537	\$7,542,087	\$5,670,620	\$7,383,471	\$10,755,442	\$6,890,758	\$169,735,242
Z	Insurance	\$236,594	\$314,682	\$320,309	\$291,862	\$594,674	\$352,759	\$8,670,188
Z	Subcontractor Bond	\$289,170	\$410,812	\$166,561	\$367,746	\$309,231		\$6,575,580
Z	Design & Pricing Contingency	\$1,971,615	\$3,146,669	\$2,562,475	\$2,785,675	\$5,432,417	\$2,406,099	\$62,870,695
Z	General Conditions	\$2,984,866	\$2,191,000	\$2,049,980	\$2,740,348	\$3,467,642	\$2,670,727	\$62,691,747
Z	Overhead & Profit / GMP Fee	\$788,646	\$1,478,924	\$571,295	\$1,197,840	\$951,478	\$664,170	\$22,446,489
Z	CM at Risk Contingency	\$788,646					\$797,003	\$6,480,543
	Construction Subtotal	\$33,347,743	\$34,929,583	\$31,295,371	\$41,125,856	\$58,329,366	\$20,174,155	\$911,104,171
Z	Project Scope Adjustments	\$3,831,763						\$3,831,763
Z	Escalation to Construction Mid-Point	\$1,333,910	\$2,095,775	\$732,868	\$1,996,401	\$1,427,218	\$1,421,445	\$35,273,680
	Total Construction Cost	\$38,513,416	\$37,025,358	\$32,028,239	\$43,122,257	\$59,756,584	\$21,595,600	\$950,209,614
	Cost per Square Foot	\$225	\$286	\$235	\$342	\$318	\$196	
	Bid Alternates	\$311,100						\$9,491,429
	CM Preconstruction Services	\$150,000	\$370,000	\$120,000		\$140,000		\$1,922,540
	Construction Contingency	\$2,449,493	\$1,851,268	\$1,601,501	\$1,293,668	\$3,024,326	\$1,660,425	\$45,074,005
	Designer	\$4,178,682	\$3,177,000	\$3,147,650	\$4,170,500	\$5,488,400	\$1,875,000	\$91,630,562
	OPM & other Professional services	\$1,090,631	\$1,515,410	\$1,225,000	\$1,082,000	\$1,958,000	\$878,951	\$31,684,456
	FF&E/IT	\$2,064,400	\$2,160,000	\$1,860,000	\$2,075,000	\$2,568,000	\$50,000	\$38,965,400
	Legal Fees	\$10,000	\$75,000		\$12,000			\$382,000
	Other Soft Costs	\$531,565	\$330,000	\$200,000	\$507,500	\$285,000	\$46,736	\$17,206,531
	Owner's Contingency	\$241,000	\$762,741	\$400,000	\$2,038,770	\$740,000	\$664,170	\$17,556,478
	Total Project Budget ***	\$49,540,287	\$47,266,777	\$40,582,390	\$54,301,695	\$73,960,310	\$26,770,882	\$1,204,123,015
	Bid Alternates	\$311,100						\$9,491,429
	Ineligible Costs & Contingency	\$2,552,065	\$216,415					\$1,228,513
	Scope Exclusions	\$2,726,782	\$2,068,710	\$1,649,424	\$7,044,756	\$10,507,637	\$513,627	\$151,496,983
	Basis for Total Facilities Grant	\$43,950,340	\$44,981,652	\$38,932,966	\$47,256,939	\$63,452,673	\$25,028,742	\$1,019,576,390
	Reimbursement Rate	52.68%	53.16%	57.50%	57.93%	54.67%	46.51%	
	Maximum Facilities Grant	\$23,153,039	\$23,912,246	\$22,386,455	\$27,375,945	\$34,689,576	\$11,640,868	\$633,029,468

** Scituate Gates Intermediate School - The Maximum Facilities Grant includes the recovery of \$267,684.

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

**Estimated Construction & Total Project Budget Cost Data at Schematic Design
Middle/High Schools**

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District	Adams Chesire	Berlin-Boylston	Duxbury	Georgetown	Lunenburg *	North Reading	
School Name	Hoosac Valley Middle/High School	Tahanto Regional Middle/High School	Duxbury Model Middle/High School	Georgetown Middle/High School	Lunenburg Middle/High School	North Reading Middle/High School	
Construction Type	Add/Reno	New	New	Renovation	Renovation	Add/Reno	
Enrollment	805	560	1,735	270	820	1,370	
GSF	174,000	126,100	322,105	128,670	169,018	267,939	
Assumed Start of Construction	Jun-11	Apr-10	Jun-12	Apr-15	Aug-14	May-12	
OPM	URS Corporation	PMA Consultants	KV Associates	Municipal Building Consultants	Joslin, Lesser & Associates	PMA Consultants	
Designer	Tessier Associates	HMFH Architects	Mt. Vernon Group	Drumrey Rosane Anderson, Inc.	Tappe Associates	Dore & Whittier Architects	
Cost Estimator	MPR Consulting Assoc.	PM&C	Tarbell Construction Mgmt.	Rider Levett Bucknall	PM&C	PM&C	
Division #	Description of Work	Total Costs					
A	Substructure	\$229,132	\$1,298,297	\$4,108,377	\$55,800	\$3,405,171	\$3,364,009
B	Shell	\$2,920,994	\$9,302,187	\$21,590,571	\$1,352,166	\$13,225,052	\$18,374,404
B10	Superstructure	\$770,579	\$3,199,883	\$8,084,649	\$13,960	\$5,126,402	\$6,645,217
B20	Exterior Enclosure	\$1,900,198	\$4,755,533	\$9,550,022	\$78,340	\$5,651,315	\$7,302,961
B2010	Exterior Walls	-	\$3,573,121	-	\$35,900	\$4,129,283	-
B2020	Exterior Windows	-	\$1,015,372	-	\$37,440	\$1,351,575	-
B2030	Exterior Doors	-	\$167,040	-	\$5,000	\$170,457	-
B30	Roofing	\$250,217	\$1,346,771	\$3,955,900	\$1,259,866	\$2,447,335	\$4,426,226
C	Interiors	\$3,396,259	\$4,685,854	\$16,745,536	\$627,887	\$9,892,279	\$11,883,651
D	Services	\$8,936,740	\$8,106,803	\$20,303,056	\$1,376,734	\$12,535,422	\$18,307,939
D10	Conveying	\$12,320	\$81,300	\$256,000	\$172,400	\$366,109	-
D20	Plumbing	\$1,163,223	\$998,575	\$2,427,210	\$232,625	\$2,051,613	\$2,720,000
D30	HVAC	\$2,707,678	\$3,489,195	\$8,647,730	\$402,419	\$5,148,736	\$7,621,858
D40	Fire Protection	\$922,356	\$476,245	\$1,101,287	\$217,093	\$647,250	\$1,099,972
D50	Electrical Utilities	\$4,131,163	\$3,061,488	\$7,870,829	\$524,597	\$4,515,423	\$6,500,000
E	Furnishings & Fixed Equipment	\$2,977,401	\$1,680,760	\$4,192,480	\$131,374	\$2,472,054	\$4,431,442
	Building Value Engineering						
	Building Subtotal	\$18,460,526	\$25,073,901	\$66,940,020	\$3,543,961	\$41,529,978	\$56,361,445
F	Special Construction & Demo	\$1,225,017	\$1,180,128	\$4,936,770	\$503,934	\$2,658,000	\$4,210,254
G	Other Site Construction	\$3,185,759	\$4,238,206	\$6,256,909	\$204,535	\$5,404,677	\$6,973,787
G10	Site Preparation	\$194,757	\$743,501	\$1,487,028	\$49,090	\$716,284	\$1,576,333
G20	Site Improvements	\$2,467,760	\$2,643,555	\$2,851,621	\$9,840	\$2,847,412	\$3,700,000
G30	Mechanical Utilities	\$332,025	\$610,300	\$1,189,260	\$145,605	\$1,410,290	\$961,004
G40	Electrical Utilities	\$191,217	\$240,850	\$729,000		\$430,691	\$736,450
	Other Site Construction						\$2,300,000
	Subtotal	\$22,871,302	\$30,492,235	\$78,133,699	\$4,252,430	\$49,592,655	\$69,845,486
Z	Mark-Ups	\$5,785,834	\$5,716,216	\$17,708,073	\$1,329,876	\$8,490,293	\$13,469,602
Z	Insurance		\$381,153	\$1,842,403		\$649,000	\$700,109
Z	Subcontractor Bond		\$198,200		\$93,551	\$442,500	\$525,083
Z	Design & Pricing Contingency	\$2,363,475	\$2,124,234	\$5,860,027	\$620,246	\$1,603,615	\$3,102,500
Z	General Conditions	\$1,792,940	\$1,792,940	\$425,234	\$425,234	\$3,877,307	\$5,645,000
Z	Overhead & Profit/GMP Fee	\$3,422,359	\$1,219,689	\$7,905,800	\$190,845	\$1,050,000	\$1,396,910
Z	GMP Contingency			\$2,099,843		\$867,871	\$2,100,000
	Construction Subtotal	\$28,657,136	\$36,208,451	\$95,841,772	\$5,582,306	\$58,082,948	\$83,315,088
	Project Scope Adjustments		-\$3,247,743				
Z	Escalation to Construction Mid-Point	\$1,418,085	\$1,219,689	\$3,354,462	\$278,784	\$1,487,780	\$3,000,199
	Total Construction Cost	\$30,075,221	\$34,180,397	\$99,196,234	\$5,861,090	\$59,570,728	\$86,315,287
	Cost per Square Foot	\$173	\$271	\$308	\$46	\$352	\$322
	Bid Alternates		\$700,000	\$5,315,427			
	CM Preconstruction Services	\$100,000.00	\$100,000	\$200,000		\$160,000	\$250,000
	Construction Contingency	\$3,007,522.00	\$1,714,020	\$5,242,000	\$410,276	\$2,978,536	\$2,790,000
	Designer	\$3,120,580.00	\$3,800,790	\$7,822,500	\$781,030	\$5,431,057	\$10,437,023
	OPM & other Professional services	\$1,035,714.00	\$1,416,290	\$3,295,000	\$365,330	\$2,027,000	\$2,469,750
	FF&E/IT	\$1,850,000.00	\$1,344,000	\$5,810,000	\$125,000	\$1,968,000	\$3,288,000
	Legal Fees	\$10,000.00	\$25,000	\$50,000	\$15,000		\$50,000
	Other Soft Costs	\$762,220.00	\$270,000	\$625,000	\$78,000	\$240,000	\$624,244
	Owner's Contingency	\$600,000.00	\$404,404	\$800,000	\$170,000	\$600,000	\$1,502,770
	Total Project Budget ***	\$40,561,257	\$43,954,901	\$128,356,161	\$7,805,726	\$72,975,321	\$107,727,074
	Bid Alternates		\$700,000	\$5,315,427			
	Ineligible Costs & Contingency	\$272,995	\$355,043	\$2,337,139	\$293,054	\$2,382,829	
	Scope Exclusions	\$4,250,070	\$2,297,003	\$6,796,002	\$154,590	\$11,018,677	\$11,935,420
	Basis for Total Facilities Grant	\$36,038,192	\$40,602,855	\$113,907,593	\$7,358,082	\$59,573,815	\$95,791,654
	Reimbursement Rate	78.37%	52.21%	44.13%	52.13%	59.11%	51.49%
	Maximum Facilities Grant	\$28,243,131	\$21,198,751	\$50,267,421	\$3,835,768	\$34,782,380	\$49,323,123

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

* - Lunenburg - Maximum Total Facilities Grant includes cost recovery of \$434,702.

**Estimated Construction & Total Project Budget Cost Data at Schematic Design
Middle/High Schools**

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District	Rockland	Southbridge	Sutton	West Bridgewater	Winthrop *	TOTAL ALL MIDDLE/HIGH	
School Name	John W Rogers Middle/High School	Southbridge MS/HS	Sutton Middle/High School	West Bridgewater Middle/High School	Winthrop Middle/High School		
Construction Type	Add/Reno	New	Add/Reno	New	New		
Enrollment	1,525	1,050	840	625	970		
GSF	273,695	199,784	175,132	141,250	187,917		
Assumed Start of Construction	Sep-10	Sep-10	Jun-11	Sep-13	Jul-14		
OPM	Daedalus Projects	Joslin, Lesser & Associates	Strategic Building Solutions	Strategic Building Solutions	Skanska USA Building, Inc.		
Designer	Dore & Whittier Architects	Tappe Associates	Flansburgh Associates	Flansburgh Associates	HMFH Architects, Inc.		
Cost Estimator	PM&C	PM&C	Cost Pro	PM&C	PM&C		
Division #	Description of Work	Total Costs					
A	Substructure	\$1,312,788	\$1,918,679	\$2,414,650	\$2,300,300	\$3,645,359	\$24,052,562
B	Shell	\$14,641,961	\$12,065,229	\$9,638,991	\$10,269,200	\$12,241,254	\$125,622,009
B10	Superstructure	\$3,781,296	\$4,886,967	\$3,534,000	\$3,134,300	\$5,944,324	\$45,121,577
B20	Exterior Enclosure	\$7,884,355	\$5,491,775	\$4,660,657	\$4,908,400	\$4,535,606	\$56,719,162
B2010	Exterior Walls	\$3,170,655	\$3,496,387	-	\$3,131,800	-	\$17,537,146
B2020	Exterior Windows	\$4,545,200	\$1,922,551	-	\$1,628,300	-	\$10,500,438
B2030	Exterior Doors	\$168,500	\$72,837	-	\$148,300	-	\$732,134
B30	Roofing	\$2,976,310	\$1,686,487	\$1,444,334	\$2,226,500	\$1,761,324	\$23,781,270
C	Interiors	\$11,271,766	\$9,290,185	\$6,327,100	\$6,446,700	\$8,674,072	\$89,241,289
D	Services	\$17,765,998	\$15,142,967	\$9,899,892	\$10,924,900	\$15,087,384	\$138,387,835
D10	Conveying	\$102,500	\$163,000	\$115,700	\$133,200	\$243,000	\$1,645,529
D20	Plumbing	\$2,420,055	\$2,435,470	\$1,238,150	\$1,611,700	\$2,040,575	\$19,339,196
D30	HVAC	\$6,986,371	\$5,927,365	\$4,090,093	\$4,705,900	\$6,198,170	\$55,925,515
D40	Fire Protection	\$1,096,878	\$1,318,050	\$918,550	\$589,800	\$874,845	\$9,262,326
D50	Electrical Utilities	\$7,160,194	\$5,299,082	\$3,537,399	\$3,884,300	\$5,730,794	\$52,215,269
E	Furnishings & Fixed Equipment	\$2,194,686	\$2,285,835	\$1,467,932	\$2,189,700	\$2,968,774	\$26,992,438
	Building Value Engineering						
	Building Subtotal	\$47,187,199	\$40,702,895	\$29,748,565	\$32,130,800	\$42,616,843	\$404,296,133
F	Special Construction & Demo	\$2,688,344		\$3,235,459	\$2,278,517	\$2,450,040	\$25,366,463
G	Other Site Construction	\$3,062,346	\$8,719,779	\$2,640,150	\$5,594,700	\$2,131,403	\$48,412,251
G10	Site Preparation	\$285,398	\$3,098,230	\$435,950	\$668,900	\$2,131,403	\$11,386,874
G20	Site Improvements	\$1,992,698	\$2,823,868	\$1,375,300	\$3,301,800		\$24,013,854
G30	Mechanical Utilities	\$515,000	\$2,016,629	\$659,100	\$1,053,900		\$8,893,113
G40	Electrical Utilities	\$269,250	\$781,052	\$169,800	\$570,100		\$4,118,410
	Other Site Construction						\$2,300,000
	Subtotal	\$52,937,889	\$49,422,674	\$35,624,174	\$40,004,017	\$47,198,286	\$480,374,847
Z	Mark-Ups	\$11,654,793	\$9,562,823	\$8,529,600	\$7,355,749	\$13,062,383	\$102,665,242
Z	Insurance	\$600,316	\$247,113	\$280,400	\$430,700	\$778,291	\$5,909,485
Z	Subcontractor Bond	\$371,624	\$296,536	\$471,600	\$348,000	\$407,724	\$3,154,818
Z	Design & Pricing Contingency	\$4,235,031	\$4,942,267	\$3,624,800	\$3,436,449	\$4,219,081	\$36,131,725
Z	General Conditions	\$4,732,634	\$2,100,000	\$2,758,000	\$2,090,000	\$5,384,908	\$5,384,908
Z	Overhead & Profit/GMP Fee	\$1,715,188	\$1,976,907	\$1,394,800	\$1,050,600	\$1,359,082	\$22,682,180
Z	GMP Contingency					\$913,297	\$5,981,011
	Construction Subtotal	\$64,592,682	\$58,985,497	\$44,153,774	\$47,359,766	\$60,260,669	\$583,040,089
	Project Scope Adjustments			\$400,000			-\$2,847,743
Z	Escalation to Construction Mid-Point	\$1,933,106	\$1,179,710	\$1,802,900	\$2,368,000	\$3,281,510	\$21,324,225
	Total Construction Cost	\$66,525,788	\$60,165,207	\$46,356,674	\$49,727,766	\$63,542,179	\$601,516,571
	Cost per Square Foot	\$243	\$301	\$265	\$352	\$338	
Bid Alternates			\$2,469,674				\$8,485,101
CM Preconstruction Services	\$200,000		\$100,000			\$175,000	\$1,285,000
Construction Contingency	\$4,003,542		\$3,035,655	\$2,650,000	\$2,500,000	\$2,283,243	\$30,614,794
Designer	\$7,360,241		\$5,209,192	\$4,781,900	\$5,413,342	\$6,502,701	\$60,660,356
OPM & other Professional services	\$2,020,000		\$1,852,350	\$2,360,300	\$2,198,145	\$2,469,000	\$21,508,879
FF&E/IT	\$3,660,000		\$2,520,000	\$2,066,000	\$1,500,000	\$2,328,000	\$26,459,000
Legal Fees	\$30,000				\$15,000		\$195,000
Other Soft Costs	\$1,065,000		\$425,000	\$880,600	\$580,000	\$1,760,000	\$7,310,064
Owner's Contingency	\$1,336,878		\$740,000	\$850,000	\$1,800,000	\$2,758,617	\$11,562,669
	Total Project Budget ***	\$86,201,449	\$76,517,078	\$59,945,474	\$63,734,253	\$81,818,740	\$769,597,434
Bid Alternates			\$2,469,674				\$8,485,101
Ineligible Costs & Contingency	\$430,000		\$200,000	\$4,058,292			\$10,329,352
Scope Exclusions	\$2,738,953		\$6,651,106	\$2,008,302	\$9,552,614	\$10,811,835	\$68,214,572
	Basis for Total Facilities Grant	\$83,032,496	\$67,196,298	\$53,878,880	\$54,181,639	\$71,006,905	\$682,568,409
	Reimbursement Rate	64.26%	80.00%	55.39%	54.16%	59.97%	
	Maximum Facilities Grant	\$53,356,682	\$53,757,038	\$29,843,512	\$29,344,776	\$42,582,841	\$396,535,422

* Winthrop Middle/High School - based on PFA 7-23-14 (FEMA Revision 3011 form).

