

**DESIGNER AND OPM Fees [ON OR AFTER JANUARY 1, 2014]
Elementary Schools**

Information as of:
December 2019
Board Meeting

The information and data contained in this spreadsheet is based on the MSBA's review of contracts and other documentation provided by cities, towns, and regional school districts, may include a preliminary review of scope exclusions and 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 therein. Please contact the Districts for exact information. The MSBA hereby disclaims any and all liability and responsibility that may arise in connection with the information contained in this spreadsheet. 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		Mar-13		Oct-13		Jan-14		Mar-14		Mar-14		Jan-15			
District	Hingham		South Hadley		Revere		Athol-Royalston		Gloucester		Milford		Northborough		Worcester	
School Name	Hingham ES		Plains ES		Staff Sergeant James J. Hill School		Riverbend		West Parish		Woodland		Lincoln Street		Nelson Place	
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program	
Project Scope	New Construction		New Construction		New Construction		New Construction		New Construction		New Construction		Addition / Renovation		New Construction	
Enrollment			270		690		545		355		985		270		600	
GSF			63,377		103,650		95,726		65,679		132,539		52,920		111,256	
Assumed Start of Construction			May-14		Jan-14		Nov-14		Sep-14		Mar-15		Apr-15		Jul-15	
OPM	KBA/Mary Mahoney Partnership		Arcadis U.S., Inc.		Hill International Company		Symmes Maini & McKee Associates		Knight, Bagge & Anderson Inc.		Joslin, Lesser + Associates Inc.		Colliers International		Tishman Construction Corporation of MA	
Designer			Jones Whitsett Architects, Inc.		Drumme Rosane Anderson, Inc.		Mount Vernon Group Architects, Inc.		Dore & Whittier Architects, Inc.		HMFH Architects, Inc.		Lamoureux Pagano & Associates, Inc.		Lamoureux Pagano & Associates, Inc.	
Cost Estimator			Project Management & Cost		CostPro, Inc.		Project Management & Cost		Project Management & Cost		Project Management & Cost		A M Fogarty & Associates Inc.		A M Fogarty & Associates Inc.	
Description	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction
Designer			Jones Whitsett Architects, Inc.		Drumme Rosane Anderson, Inc.		Mount Vernon Group Architects, Inc.		Dore & Whittier Architects, Inc.		HMFH Architects, Inc.		Lamoureux Pagano & Associates, Inc.		Lamoureux Pagano & Associates, Inc.	
Basic Services																
Feasibility Study	\$251,710	1.17%	\$599,000	2.78%	\$450,000	1.33%	\$296,000	0.84%	\$365,000	1.22%	\$548,677	1.13%	\$345,000	1.89%	\$635,128	1.36%
Design Development	\$563,083	2.62%	\$570,000	2.64%	\$631,800	1.86%	\$620,000	1.76%	\$680,000	2.27%	\$1,300,000	2.69%	\$381,500	2.09%	\$1,029,665	2.21%
Construction Contract Documents	\$415,823	1.93%	\$570,000	2.64%	\$1,274,500	3.76%	\$1,100,000	3.13%	\$850,000	2.83%	\$1,740,000	3.60%	\$915,000	5.02%	\$1,912,235	4.11%
Bidding	\$59,403	0.28%	\$120,000	0.56%	\$157,950	0.47%	\$170,000	0.48%	\$100,000	0.33%	\$169,000	0.35%	\$55,000	0.30%	\$80,600	0.17%
Construction Contract Administration	\$297,016	1.38%	\$390,000	1.81%	\$750,260	2.21%	\$830,000	2.36%	\$1,205,645	4.02%	\$1,040,000	2.15%	\$473,850	2.60%	\$957,125	2.06%
Closeout			\$26,000	0.12%	\$39,490	0.12%	\$40,000	0.11%	\$150,000	0.50%	\$96,000	0.20%	\$20,150	0.11%	\$50,375	0.11%
Other Basic Services							\$185,000	0.53%	\$40,835	0.14%					\$65,000	0.14%
Subtotal Designer Basic Services	\$1,587,035	7.37%	\$2,275,000	10.55%	\$3,304,000	9.75%	\$3,241,000	9.21%	\$3,391,480	11.31%	\$4,893,677	10.11%	\$2,190,500	12.02%	\$4,730,128	10.16%
Reimbursable Services																
Construction Testing			\$70,000	0.32%	\$65,000	0.19%	\$10,000	0.03%	\$67,000	0.22%					\$75,000	0.16%
Printing (Over Minimum)	\$35,000	0.16%	\$20,000	0.09%	\$85,000	0.25%	\$40,000	0.11%	\$26,100	0.09%			\$30,000	0.16%	\$10,000	0.02%
Other Reimbursable Costs	\$20,000	0.09%	\$40,000	0.19%	\$30,000	0.09%	\$40,000	0.11%			\$65,000	0.13%	\$6,000	0.03%	\$120,000	0.26%
Sub-Consultants																
Hazardous Materials			\$40,000	0.19%					\$50,000	0.17%	\$60,000	0.12%	\$60,000	0.33%	\$50,000	0.11%
Geotech & Geotech Environment	\$39,000	0.18%	\$20,000	0.09%	\$80,000	0.24%	\$80,000	0.23%	\$150,000	0.50%	\$85,000	0.18%	\$14,000	0.08%	\$15,000	0.03%
Site Survey	\$12,560	0.06%	\$30,000	0.14%	\$15,000	0.04%	\$25,000	0.07%	\$52,470	0.17%			20000	0.11%	\$72,000	0.15%
Wetlands	\$3,000	0.01%			\$18,000	0.05%	\$15,000	0.04%			\$75,000	0.16%	20000	0.11%	\$9,000	0.02%
Traffic Studies	\$6,800	0.03%	\$25,000	0.12%	\$12,000	0.04%	\$20,000	0.06%	\$12,070	0.04%	\$30,000	0.06%				
Total Designer Fees	\$1,703,395	7.91%	\$2,520,000	11.69%	\$3,609,000	10.65%	\$3,471,000	9.86%	\$3,749,120	12.50%	\$5,208,677	10.77%	\$2,340,500	12.84%	\$5,081,128	10.92%
Owner's Project Manager	KBA/Mary Mahoney Partnership		Arcadis U.S., Inc.		Hill International Company		Symmes Maini & McKee Associates		Knight, Bagge & Anderson Inc.		Joslin, Lesser + Associates Inc.		Colliers International		Tishman Construction Corporation of MA	
Feasibility Study	\$16,350	0.08%	\$151,000	0.70%	\$250,000	0.74%	\$104,000	0.30%	\$135,000	0.45%	\$199,774	0.41%	\$155,000	0.85%	\$310,872	0.67%
Design Development	\$6,000	0.03%	\$100,560	0.47%	\$26,000	0.08%	\$100,000	0.28%	\$170,110	0.57%	\$91,500	0.19%	\$41,663	0.23%	\$105,000	0.23%
Construction Contract Documents	\$12,000	0.06%	\$97,850	0.45%	\$72,000	0.21%	\$140,000	0.40%	\$213,760	0.71%	\$175,000	0.36%	\$60,766	0.33%	\$108,500	0.23%
Bidding	\$13,000	0.06%	\$41,250	0.19%	\$14,400	0.04%	\$60,000	0.17%	\$24,068	0.08%	\$70,000	0.14%	\$44,231	0.24%	\$42,500	0.09%
Construction Contract Administration	\$291,750	1.36%	\$520,592	2.41%	\$829,000	2.45%	\$755,000	2.15%	\$538,479	1.80%	\$1,125,500	2.33%	\$540,185	2.96%	\$975,000	2.09%
Closeout			\$55,477	0.26%	\$60,000	0.18%	\$60,000	0.17%	\$73,429	0.24%	\$50,500	0.10%	\$64,958	0.36%	\$210,000	0.45%
Extra Services							\$40,000	0.11%	\$23,996	0.08%					\$85,000	0.18%
Other Project Manager Costs	\$56,250	0.26%			\$1,000	0.00%										
Reimbursables & Other Services							\$15,000	0.04%							\$35,000	0.08%
Cost Estimates			\$40,000	0.19%	\$65,000	0.19%	\$50,000	0.14%	\$40,000	0.13%			\$24,000	0.13%	\$44,000	0.09%
Total OPM Fees	\$395,350	1.84%	\$1,006,729	4.67%	\$1,317,400	3.89%	\$1,324,000	3.76%	\$1,218,842	4.06%	\$1,712,274	3.54%	\$930,803	5.11%	\$1,915,872	4.12%
Total Designer and OPM Fees	\$2,098,745	9.75%	\$3,526,729	16.35%	\$4,926,400	14.53%	\$4,795,000	13.63%	\$4,967,962	16.56%	\$6,920,951	14.30%	\$3,271,303	17.95%	\$6,997,000	15.03%
Total Construction Costs	\$21,528,000		\$21,563,821		\$33,897,336		\$35,191,363		\$29,995,466		\$48,381,844		\$18,224,600		\$46,546,300	

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Date Board Approved	Mar-15		Jun-15		Aug-15		Sep-15		Nov-15		Nov-15		Jan-16		Mar-16	
District	Woburn		Brookline		New Bedford		Hopkinton		Carver		Narragansett		Granby		Dedham	
School Name	Wyman		Edward Devotion		John Hannigan		Center		Carver ES		Templeton Center		West St		Early Childhood Center	
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program	
Project Scope	New Construction		Addition / Renovation		New Construction		New Construction		New Construction		New Construction		Addition / Renovation		New Construction	
Enrollment	410		1,010		400		395		750		580		430		200	
GSF	70,701		227,087		74,056		83,256		112,350		92,735		68,760		50,345	
Assumed Start of Construction	Apr-16		Jul-16		May-16		Dec-16		Sep-16		Oct-16		Feb-17		Sep-17	
OPM	Municipal Building Consultants, Inc.		Town Employee		Daedalus Projects Inc		Compass Project Management, Inc.		PMA Construction Services		Colliers International		Colliers International		Construction Monitoring Services, Inc.	
Designer	DiNisco Design Partnership, Limited		HMFH Architects, Inc.		Turowski2 Architecture, Inc.		Drumme Rosane Anderson, Inc.		HMFH Architects, Inc.		Symmes Maini & McKee Associates, Inc.		Jones Whitsett Architects, Inc.		Knight, Bagge & Anderson, Inc.	
Cost Estimator	A M Fogarty & Associates Inc.		Project Management & Cost		Project Management & Cost		VJ Associates of New England		A M Fogarty & Associates Inc.		Daedalus Projects Inc		Project Management & Cost		Atlantic Construction and Management, Inc.	
Description	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction
Designer	DiNisco Design Partnership, Limited		HMFH Architects, Inc.		Turowski2 Architecture, Inc.		Drumme Rosane Anderson, Inc.		HMFH Architects, Inc.		Symmes Maini & McKee Associates, Inc.		Jones Whitsett Architects, Inc.		Knight, Bagge & Anderson, Inc.	
Basic Services																
Feasibility Study	\$676,111	2.50%	\$1,580,000	1.71%	\$658,938	2.21%	\$440,714	1.25%	\$502,350	1.27%	\$725,532	1.99%	\$520,000	1.97%	\$500,000	2.15%
Design Development	\$436,433	1.62%	\$2,473,760	2.68%	\$752,000	2.52%	\$820,925	2.34%	\$936,273	2.37%	\$840,000	2.30%	\$560,000	2.12%	\$467,600	2.01%
Construction Contract Documents	\$985,910	3.65%	\$2,868,767	3.11%	\$1,100,000	3.69%	\$1,313,479	3.74%	\$1,235,881	3.13%	\$1,350,000	3.70%	\$900,000	3.40%	\$697,000	3.00%
Bidding	\$123,239	0.46%	\$478,128	0.52%	\$107,000	0.36%	\$164,185	0.47%	\$187,255	0.47%	\$140,000	0.38%	\$90,000	0.34%	\$76,000	0.33%
Construction Contract Administration	\$492,955	1.82%	\$2,725,329	2.95%	\$591,000	1.98%	\$820,924	2.34%	\$1,310,783	3.32%	\$964,694	2.64%	\$765,000	2.89%	\$880,000	3.79%
Closeout	\$123,239	0.46%	\$143,438	0.16%	\$78,000	0.26%	\$164,185	0.47%	\$74,901	0.19%	\$50,000	0.14%	\$42,000	0.16%	\$50,400	0.22%
Other Basic Services	\$20,000	0.07%	\$10,000	0.01%	\$50,000	0.17%										
Subtotal Designer Basic Services	\$2,857,887	10.58%	\$10,279,422	11.14%	\$3,336,938	11.20%	\$3,724,412	10.60%	\$4,247,443	10.77%	\$4,070,226	11.14%	\$2,877,000	10.88%	\$2,671,000	11.51%
Reimbursable Services																
Construction Testing	\$20,000	0.07%	\$400,000	0.43%	\$50,000	0.17%	\$10,000	0.03%			\$25,000	0.07%			\$70,000	0.30%
Printing (Over Minimum)	\$50,000	0.19%	\$50,000	0.05%	\$8,000	0.03%	\$30,000	0.09%	\$15,000	0.04%	\$10,000	0.03%	\$10,000	0.04%	\$50,000	0.22%
Other Reimbursable Costs	\$45,000	0.17%	\$25,000	0.03%	\$10,800	0.04%	\$10,000	0.03%	\$100,000	0.25%	\$100,000	0.27%	\$90,000	0.34%	\$100,000	0.43%
Sub-Consultants																
Hazardous Materials	\$10,000	0.04%	\$150,000	0.16%	\$15,000	0.05%	\$10,000	0.03%	\$100,000	0.25%	\$80,000	0.22%	\$75,000	0.28%	\$113,800	0.49%
Geotech & Geotech Environment	\$83,000	0.31%	\$234,375	0.25%	\$15,000	0.05%	\$100,000	0.28%	\$100,000	0.25%	\$100,000	0.27%	\$5,000	0.02%	\$50,000	0.22%
Site Survey	\$5,000	0.02%			\$5,000	0.02%	\$5,000	0.01%	\$25,000	0.06%	\$30,000	0.08%	\$5,000	0.02%	\$35,000	0.15%
Wetlands	\$220,000	0.81%					\$17,000	0.05%			\$15,000	0.04%	\$10,000	0.04%		
Traffic Studies	\$5,000	0.02%					\$20,000	0.06%			\$100,000	0.27%	\$5,000	0.02%	\$30,000	0.13%
Total Designer Fees	\$3,295,887	12.20%	\$11,138,797	12.08%	\$3,440,738	11.55%	\$3,926,412	11.17%	\$4,587,443	11.63%	\$4,530,226	12.40%	\$3,077,000	11.63%	\$3,119,800	13.44%
Owner's Project Manager	Municipal Building Consultants, Inc.		Daedalus Projects Inc		Compass Project Management, Inc.		PMA Construction Services		Colliers International		Colliers International		Construction Monitoring Services, Inc.			
Feasibility Study	\$208,889	0.77%	\$170,000	0.18%	\$82,500	0.28%	\$159,286	0.45%	\$123,000	0.31%	\$324,468	0.89%	\$280,000	1.06%	\$100,000	0.43%
Design Development	\$201,400	0.75%	\$250,000	0.27%	\$80,000	0.27%	\$95,500	0.27%	\$78,000	0.20%	\$47,500	0.13%	\$45,000	0.17%	\$40,370	0.17%
Construction Contract Documents			\$500,000	0.54%	\$130,000	0.44%	\$93,000	0.26%	\$110,000	0.28%	\$96,600	0.26%	\$45,000	0.17%	\$100,000	0.43%
Bidding			\$125,000	0.14%	\$15,000	0.05%	\$30,160	0.09%			\$101,000	0.28%	\$50,000	0.19%	\$30,850	0.13%
Construction Contract Administration	\$624,560	2.31%	\$2,105,000	2.28%	\$575,000	1.93%	\$881,000	2.51%	\$1,098,250	2.78%	\$800,000	2.19%	\$810,000	3.06%	\$600,000	2.58%
Closeout	\$28,250	0.10%	\$240,000	0.26%	\$35,000	0.12%	\$95,630	0.27%	\$48,883	0.12%	\$65,000	0.18%	\$45,000	0.17%	\$70,000	0.30%
Extra Services					\$10,000	0.03%			\$50,000	0.13%						
Other Project Manager Costs																
Reimbursables & Other Services					\$5,000	0.02%	\$5,000	0.01%	\$149,275	0.38%					\$70,000	0.30%
Cost Estimates	\$22,500	0.08%	\$90,000	0.10%			\$45,000	0.13%	\$75,000	0.19%	\$44,000	0.12%	\$25,000	0.09%	\$70,000	0.30%
Total OPM Fees	\$1,085,599	4.02%	\$3,480,000	3.77%	\$932,500	3.13%	\$1,404,576	4.00%	\$1,732,408	4.39%	\$1,478,568	4.05%	\$1,300,000	4.91%	\$1,081,220	4.66%
Total Designer and OPM Fees	\$4,381,486	16.22%	\$14,618,797	15.85%	\$4,373,238	14.68%	\$5,330,988	15.17%	\$6,319,851	16.02%	\$6,008,794	16.45%	\$4,377,000	16.55%	\$4,201,020	18.10%
Total Construction Costs	\$27,017,841		\$92,237,854		\$29,792,732		\$35,140,982		\$39,443,454		\$36,522,000		\$26,453,000		\$23,213,553	

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Date Board Approved	Jul-16		Jul-16		Nov-16		Nov-16		May-17		Jun-17		Dec-17		Aug-17	
District	Needham		Hanover		Bourne		Newton		Millis		Triton		Newton		Lexington	
School Name	Hillside ES		Sylvester		James F Peebles ES		A E Angier		Clyde F Brown		Pine Grove		Cabot		Maria Hastings	
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program	
Project Scope	New Construction		Addition / Renovation		New Construction		New Construction		New Construction		Addition / Renovation		Addition / Renovation		New Construction	
Enrollment	430		560		460		465		515		415		480		645	
GSF	90,702		97,099		72,680		74,960		89,852		87,674		84,262		110,000	
Assumed Start of Construction	Nov-17		Jul-17		Nov-17		Jun-14		Nov-17		Apr-18		Jul-17		Sep-18	
OPM	Town Employee		P3 Inc.		Symmes Maini & McKee Associates, Inc.		Joslin, Lesser + Associates Inc.		Compass Project Management, Inc.		Pinck & Co., Inc.		NV5 (fka Joslin, Lesser + Associates Inc.)		Dore & Whittier Management Partners, Inc.	
Designer	Dore & Whittier Architects, Inc.		Mount Vernon Group Architects, Inc.		Flansburgh Associates, Inc.		DiNisco Design Partnership, Limited		Tappe Associates, Inc.		Dore & Whittier Architects, Inc.		DiNisco Design, Inc.		DiNisco Design, Inc.	
Cost Estimator	Project Management & Cost		Fennessy Consulting Services		Project Management & Cost		A M Fogarty & Associates Inc.		A M Fogarty & Associates Inc.		Project Management & Cost		A M Fogarty & Associates Inc.		A M Fogarty & Associates Inc.	
Description	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction
Designer	Dore & Whittier Architects, Inc.		Mount Vernon Group Architects, Inc.		Flansburgh Associates, Inc.		DiNisco Design Partnership, Limited		Tappe Associates, Inc.		Dore & Whittier Architects, Inc.		DiNisco Design, Inc.		DiNisco Design, Inc.	
Basic Services																
Feasibility Study	\$545,000	1.20%	\$354,600	1.36%	\$505,000	1.63%	\$501,467	1.91%	\$741,168	1.74%	\$515,690	1.71%	\$935,000	2.58%	\$590,000	1.11%
Design Development	\$960,054	2.11%	\$557,345	2.14%	\$530,000	1.71%	\$510,230	1.95%	\$806,546	1.89%	\$593,398	1.97%	\$700,000	1.93%	\$968,800	1.83%
Construction Contract Documents	\$1,397,096	3.07%	\$796,957	3.06%	\$1,060,000	3.43%	\$1,013,640	3.86%	\$1,450,473	3.41%	\$1,186,796	3.93%	\$1,500,000	4.14%	\$1,998,400	3.77%
Bidding	\$198,164	0.44%	\$120,255	0.46%	\$130,000	0.42%	\$126,705	0.48%	\$181,309	0.43%	\$148,350	0.49%	\$100,000	0.28%	\$149,880	0.28%
Construction Contract Administration	\$1,560,956	3.43%	\$480,505	1.84%	\$874,000	2.83%	\$601,849	2.29%	\$906,546	2.13%	\$890,097	2.95%	\$1,000,000	2.76%	\$1,249,000	2.36%
Closeout	\$35,730	0.08%	\$40,000	0.15%	\$132,037	0.43%	\$31,676	0.12%	\$181,309	0.43%	\$148,350	0.49%	\$60,000	0.17%	\$99,920	0.19%
Other Basic Services	\$35,000	0.08%	\$226,000	0.87%					\$50,000	0.12%						
Subtotal Designer Basic Services	\$4,732,000	10.41%	\$2,575,662	9.88%	\$3,231,037	10.45%	\$2,785,567	10.62%	\$4,317,351	10.14%	\$3,482,681	11.54%	\$4,295,000	11.85%	\$5,056,000	9.54%
Reimbursable Services																
Construction Testing	\$100,000	0.22%	\$40,000	0.15%	\$40,000	0.13%			\$25,000	0.06%					\$60,000	0.11%
Printing (Over Minimum)	\$30,000	0.07%	\$35,000	0.13%	\$20,000	0.06%			\$30,000	0.07%	\$8,000	0.03%			\$30,000	0.06%
Other Reimbursable Costs	\$205,000	0.45%	\$30,000	0.12%	\$100,000	0.32%	\$75,000	0.29%	\$10,000	0.02%	\$15,000	0.05%			\$87,000	0.16%
Sub-Consultants																
Hazardous Materials	\$81,000	0.18%	\$65,000	0.25%	\$100,000	0.32%	\$57,000	0.22%	\$80,000	0.19%	\$83,100	0.28%	\$50,000	0.14%	\$35,000	0.07%
Geotech & Geotech Environment	\$148,000	0.33%	\$30,000	0.12%	\$80,000	0.26%	\$60,000	0.23%	\$100,000	0.23%	\$35,000	0.12%	\$150,000	0.41%	\$55,000	0.10%
Site Survey	\$25,000	0.05%	\$16,000	0.06%	\$60,000	0.19%	\$10,000	0.04%	\$10,000	0.02%	\$50,000	0.17%	\$5,000	0.01%	\$20,000	0.04%
Wetlands	\$25,000	0.05%	\$20,000	0.08%	\$5,000	0.02%			\$10,000	0.02%	\$30,000	0.10%				
Traffic Studies	\$25,000	0.05%	\$10,000	0.04%	\$40,000	0.13%	\$5,000	0.02%	\$30,000	0.07%	\$15,000	0.05%	\$15,000	0.04%	\$17,000	0.03%
Total Designer Fees	\$5,371,000	11.81%	\$2,821,662	10.82%	\$3,676,037	11.89%	\$2,992,567	11.41%	\$4,612,351	10.83%	\$3,718,781	12.32%	\$4,515,000	12.45%	\$5,360,000	10.12%
Owner's Project Manager			P3 Inc.		Symmes Maini & McKee Associates, Inc.		Joslin, Lesser + Associates Inc.		Compass Project Management, Inc.		Pinck & Co., Inc.		NV5 (fka Joslin, Lesser + Associates Inc.)		Dore & Whittier Management Partners, Inc.	
Feasibility Study	\$150,000	0.33%	\$145,400	0.56%	\$245,000	0.79%	\$216,192	0.82%	\$258,832	0.61%	\$284,310	0.94%	\$465,000	1.28%	\$310,000	0.59%
Design Development	\$150,000	0.33%	\$86,000	0.33%	\$50,000	0.16%	\$57,000	0.22%	\$90,427	0.21%	\$32,648	0.11%	\$120,000	0.33%	\$180,000	0.34%
Construction Contract Documents	\$320,000	0.70%	\$115,000	0.44%	\$90,000	0.29%	\$95,000	0.36%	\$91,695	0.22%	\$81,621	0.27%	\$295,000	0.81%	\$200,000	0.38%
Bidding	\$120,000	0.26%	\$56,000	0.21%	\$50,000	0.16%		0.13%	\$78,431	0.18%	\$66,401	0.22%	\$115,000	0.32%	\$60,000	0.11%
Construction Contract Administration	\$720,000	1.58%	\$621,000	2.38%	\$800,000	2.59%	\$35,000	2.49%	\$994,726	2.34%	\$890,356	2.95%	\$693,000	1.91%	\$1,100,000	2.08%
Closeout	\$80,000	0.18%	\$32,000	0.12%	\$54,863	0.18%	\$652,000	0.21%	\$85,801	0.20%	\$55,121	0.18%	\$56,000	0.15%	\$100,000	0.19%
Extra Services	\$55,000	0.12%			\$40,000	0.13%	\$56,000		\$124,921	0.29%					\$60,000	0.11%
Other Project Manager Costs																
Reimbursables & Other Services	\$25,000	0.05%			\$15,000	0.05%			\$1,624	0.00%	\$20,000	0.07%			\$5,000	0.01%
Cost Estimates	\$60,000	0.13%			\$50,000	0.16%			\$30,000	0.07%					\$25,000	0.05%
Total OPM Fees	\$1,680,000	3.70%	\$1,055,400	4.05%	\$1,394,863	4.51%	\$1,111,192	4.24%	\$1,756,457	4.12%	\$1,430,457	4.74%	\$1,744,000	4.81%	\$2,040,000	3.85%
Total Designer and OPM Fees	\$7,051,000	15.51%	\$3,877,062	14.87%	\$5,070,900	16.41%	\$4,103,759	15.64%	\$6,368,808	14.95%	\$5,149,238	17.06%	\$6,259,000	17.27%	\$7,400,000	13.97%
Total Construction Costs	\$45,465,414		\$26,075,672		\$30,910,366		\$26,231,698		\$42,591,393		\$30,191,749		\$36,250,776		\$52,973,418	

**DESIGNER AND OPM Fees [ON OR AFTER JANUARY 1, 2014]
Elementary Schools**

Information as of:
December 2019
Board Meeting

The information and data contained in this spreadsheet is based on the MSBA's review of contracts and other documentation provided by cities, towns, and regional school districts, may include a preliminary review of scope exclusions and 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 therein. Please contact the Districts for exact information. The MSBA hereby disclaims any and all liability and responsibility that may arise in connection with the information contained in this spreadsheet. 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	Feb-18		Feb-18		Apr-18		Apr-18		Aug-18		Aug-18		Aug-18		Dec-18	
District	Ludlow		Taunton		Marlborough		Harvard		Easthampton		Manchester Essex Regional		Springfield		Danvers	
School Name	Chapin Street ES		Mulcahey ES		Richer		Hildreth ES		Maple		Manchester Memorial ES		Brightwood		Ivan G Smith	
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program	
Project Scope	New Construction		New Construction		New Construction - Model School		New Construction		New Construction		New Construction		New Construction		New Construction	
Enrollment	630		735		610		445		1,010		335		800		465	
GSF	106,250		119,693		111,437		85,214		177,370		77,102		150,500		82,728	
Assumed Start of Construction	Jun-19		Jan-19		Dec-18		Jun-19		Dec-19		Jun-19		May-19		Jun-19	
OPM	STV DPM (fka STV Inc.)		CGA Project Management		Daedalus Projects Inc		NV5 (fka Joslin, Lesser + Associates Inc.)		Colliers International		Dore & Whittier Management Partners, Inc.		Skanska USA Building, Inc		PMA Construction Services	
Designer	Mount Vernon Group Architects, Inc.		Dore & Whittier Architect, Inc.		Mount Vernon Group Architects, Inc.		Arrowstreet Inc.		Caolo & Bieniek Associates, Inc.		JCJ Architecture, PC		DiNisco Design, Inc.		Tappe Associates, Inc.	
Cost Estimator	Fennessy Consulting Services		Project Management & Cost		A M Fogarty & Associates Inc.		Project Management & Cost		VJ Associates of New England		VJ Associates of New England		A M Fogarty & Associates Inc.		Project Management & Cost	
Description	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction
Designer	Mount Vernon Group Architects, Inc.		Dore & Whittier Architect, Inc.		Mount Vernon Group Architects, Inc.		Arrowstreet Inc.		Caolo & Bieniek Associates, Inc.		JCJ Architecture, PC		DiNisco Design, Inc.		Tappe Associates, Inc.	
Basic Services																
<i>Feasibility Study</i>	\$681,295	1.49%	\$1,099,890	2.20%	\$807,200	1.69%	\$328,000	0.76%	\$750,000	0.83%	\$450,000	1.09%	\$700,000	1.05%	\$555,485	1.32%
<i>Design Development</i>	\$800,000	1.75%	\$933,960	1.87%			\$1,077,330	2.51%	\$2,053,660	2.28%	\$1,165,500	2.83%	\$1,450,000	2.17%	\$746,000	1.77%
<i>Construction Contract Documents</i>	\$1,750,000	3.82%	\$1,330,674	2.66%	\$1,178,392	2.46%	\$1,866,200	4.34%	\$3,604,880	4.00%	\$1,750,000	4.25%	\$2,600,000	3.88%	\$1,305,500	3.10%
<i>Bidding</i>	\$225,000	0.49%	\$220,860	0.44%	\$80,000	0.17%	\$150,000	0.35%	\$270,366	0.30%	\$170,000	0.41%	\$195,000	0.29%	\$186,500	0.44%
<i>Construction Contract Administration</i>	\$750,000	1.64%	\$1,421,738	2.84%	\$620,000	1.30%	\$943,774	2.19%	\$2,300,000	2.55%	\$1,345,000	3.27%	\$1,819,120	2.72%	\$1,119,000	2.66%
<i>Closeout</i>	\$110,000	0.24%	\$73,394	0.15%	\$63,000	0.13%	\$34,600	0.08%	\$133,294	0.15%	\$192,000	0.47%	\$130,000	0.19%	\$373,000	0.89%
<i>Other Basic Services</i>	\$325,000	0.71%			\$200,000	0.42%										
Subtotal Designer Basic Services	\$4,641,295	10.14%	\$5,080,516	10.15%	\$2,948,592	6.16%	\$4,399,904	10.23%	\$9,112,200	10.11%	\$5,072,500	12.33%	\$6,894,120	10.30%	\$4,285,485	10.19%
Reimbursable Services																
<i>Construction Testing</i>	\$40,000	0.09%			\$100,000	0.21%			\$50,000	0.06%						
<i>Printing (Over Minimum)</i>	\$40,000	0.09%	\$10,000	0.02%	\$30,000	0.06%			\$10,000	0.01%			\$10,000	0.01%	\$15,000	0.04%
<i>Other Reimbursable Costs</i>	\$40,000	0.09%	\$270,000	0.54%	\$20,000	0.04%	\$50,000	0.12%	\$10,000	0.01%	\$20,240	0.05%	\$70,000	0.10%		
Sub-Consultants																
<i>Hazardous Materials</i>	\$20,000	0.04%	\$100,000	0.20%			\$65,000	0.15%	\$75,000	0.08%	\$84,700	0.21%			\$50,500	0.12%
<i>Geotech & Geotech Environment</i>	\$80,000	0.17%	\$100,000	0.20%	\$60,000	0.13%	\$125,000	0.29%	\$100,000	0.11%	\$96,000	0.23%	\$84,120	0.13%	\$30,000	0.07%
<i>Site Survey</i>	\$5,000	0.01%			\$45,000	0.09%	\$10,000	0.02%	\$40,000	0.04%			\$10,000	0.01%	\$50,000	0.12%
<i>Wetlands</i>	\$20,000	0.04%			\$40,000	0.08%	\$10,000	0.02%	\$30,000	0.03%					\$20,000	0.05%
<i>Traffic Studies</i>			\$25,000	0.05%			\$15,000	0.03%	\$50,000	0.06%			\$20,000	0.03%	\$3,000	0.01%
Total Designer Fees	\$4,886,295	10.68%	\$5,585,516	11.15%	\$3,243,592	6.78%	\$4,674,904	10.87%	\$9,477,200	10.52%	\$5,273,440	12.82%	\$7,088,240	10.59%	\$4,453,985	10.59%
Owner's Project Manager	STV DPM (fka STV Inc.)		CGA Project Management		Daedalus Projects Inc		NV5 (fka Joslin, Lesser + Associates Inc.)		Colliers International		Dore & Whittier Management Partners, Inc.		Skanska USA Building, Inc		PMA Construction Services	
<i>Feasibility Study</i>	\$200,813	0.44%	\$240,182	0.48%	\$155,000	0.32%	\$172,000	0.40%	\$250,000	0.28%	\$200,000	0.49%	\$300,000	0.45%	\$230,610	0.55%
<i>Design Development</i>	\$41,286	0.09%	\$90,000	0.18%	\$125,000	0.26%	\$68,000	0.16%	\$124,400	0.14%	\$102,361	0.25%	\$150,000	0.22%	\$49,460	0.12%
<i>Construction Contract Documents</i>	\$164,722	0.36%	\$135,000	0.27%	\$175,000	0.37%	\$102,000	0.24%	\$194,700	0.22%	\$87,864	0.21%	\$300,000	0.45%	\$227,585	0.54%
<i>Bidding</i>	\$48,576	0.11%	\$45,000	0.09%	\$47,000	0.10%	\$53,000	0.12%	\$122,500	0.14%	\$58,576	0.14%	\$100,000	0.15%		
<i>Construction Contract Administration</i>	\$1,083,024	2.37%	\$1,060,000	2.12%	\$880,000	1.84%	\$1,063,000	2.47%	\$2,333,200	2.59%	\$1,567,114	3.81%	\$1,425,000	2.13%	\$830,200	1.97%
<i>Closeout</i>	\$52,244	0.11%	\$60,000	0.12%	\$40,000	0.08%	\$38,000	0.09%	\$158,388	0.18%	\$102,361	0.25%	\$120,592	0.18%	\$70,355	0.17%
<i>Extra Services</i>	\$60,000	0.13%			\$15,000	0.03%									\$50,000	0.12%
<i>Other Project Manager Costs</i>																
<i>Reimbursables & Other Services</i>			\$5,000	0.01%											\$120,000	0.29%
<i>Cost Estimates</i>	\$40,000	0.09%	\$60,000	0.12%					\$64,000	0.07%					\$25,000	0.06%
Total OPM Fees	\$1,690,665	3.70%	\$1,695,182	3.39%	\$1,437,000	3.00%	\$1,496,000	3.48%	\$3,247,188	3.60%	\$2,118,276	5.15%	\$2,395,592	3.58%	\$1,603,210	3.81%
Total Designer and OPM Fees	\$6,576,960	14.37%	\$7,280,698	14.54%	\$4,680,592	9.79%	\$6,170,904	14.35%	\$12,724,388	14.12%	\$7,391,716	17.97%	\$9,483,832	14.17%	\$6,057,195	14.40%
Total Construction Costs	\$45,754,614		\$50,074,205		\$47,831,946		\$42,999,041		\$90,122,000		\$41,142,104		\$66,941,200		\$42,074,273	

DESIGNER AND OPM Fees [ON OR AFTER JANUARY 1, 2014]

Elementary Schools

Information as of:
December 2019
Board Meeting

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Date Board Approved	Jun-18		Oct-18		Dec-18		Aug-18		Feb-19		Apr-19		Feb-19		TOTAL - ALL ELEMENTARY SCHOOLS	
District	Northbridge		Shrewsbury		Wareham		Foxborough		Westborough		Marblehead		Tewksbury			
School Name	W Edward Balmer		Beal School		Minot Forest		Mabelle M Burrell		Annie E Fales		Elbridge Gerry		Louise Davy Trahan			
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program			
Project Scope	New Construction		New Construction		New Construction		Addition / Renovation		New Construction		New Construction		New Construction			
Enrollment	1,030		790		1,020		270		400		450		790			
GSF	167,352		141,600		159,989		61,455		70,242		81,935		139,457			
Assumed Start of Construction	Jun-19		Jun-19		Feb-20		Nov-19		Feb-20		Apr-20		May-20			
OPM	Symmes Maini & McKee Associates, Inc.		PMA Construction Services		PMA Construction Services		Colliers Project Leaders NE, LLC		Vertex Construction Services		Leftfield, LLC		CBRE/HEERY			
Designer	Dore & Whittier Architects, Inc.		Lamoureux Pagano Associates Architects, Inc.		Mount Vernon Group Architects, Inc.		Kaestle Boos Associates, Inc.		HMFH Architects, Inc.		Raymond Design Associates, Inc.		Flansburgh Associates, Inc.			
Cost Estimator	Project Management & Cost		A M Fogarty & Associates Inc.		Fennessy Consulting Services		Miyakoda Consulting		Miyakoda Consulting		VJ Associates of New England		Project Management & Cost			
Description	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction
Designer	Dore & Whittier Architects, Inc.		Lamoureux Pagano Associates Architects, Inc.		Mount Vernon Group Architects, Inc.		Kaestle Boos Associates, Inc.		HMFH Architects, Inc.		Raymond Design Associates, Inc.		Flansburgh Associates, Inc.			
Basic Services																
<i>Feasibility Study</i>	\$575,000	0.72%	\$839,711	1.13%	\$560,000	0.78%	\$311,600	1.15%	\$674,800	1.48%	\$533,730	1.22%	\$691,999	0.89%	\$23,340,795	1.37%
<i>Design Development</i>	\$1,944,609	2.45%	\$1,593,750	2.15%	\$1,550,984	2.15%	\$501,900	1.85%	\$950,000	2.08%	\$800,000	1.83%	\$2,042,100	2.64%	\$36,299,205	2.13%
<i>Construction Contract Documents</i>	\$2,657,249	3.34%	\$3,028,125	4.09%	\$3,088,418	4.29%	\$1,203,800	4.45%	\$1,250,000	2.74%	\$1,432,000	3.27%	\$2,377,200	3.07%	\$60,054,395	3.53%
<i>Bidding</i>	\$227,830	0.29%	\$159,375	0.22%	\$200,918	0.28%	\$72,400	0.27%	\$120,000	0.26%	\$220,000	0.50%	\$446,700	0.58%	\$6,377,372	0.37%
<i>Construction Contract Administration</i>	\$2,252,218	2.83%	\$1,530,000	2.06%	\$1,478,217	2.05%	\$623,400	2.30%	\$1,110,000	2.43%	\$1,350,000	3.08%	\$2,328,150	3.01%	\$43,048,151	2.53%
<i>Closeout</i>	\$164,136	0.21%	\$63,750	0.09%	\$25,000	0.03%	\$26,400	0.10%	\$70,000	0.15%	\$100,000	0.23%	\$204,200	0.26%	\$3,639,974	0.21%
<i>Other Basic Services</i>					\$303,100	0.42%			\$354,000	0.78%			\$155,200	0.20%	\$2,019,135	0.12%
Subtotal Designer Basic Services	\$7,821,042	9.84%	\$7,214,711	9.73%	\$7,206,637	10.00%	\$2,739,500	10.12%	\$4,528,800	9.93%	\$4,435,730	10.13%	\$8,245,549	10.65%	\$174,779,027	10.27%
Reimbursable Services																
<i>Construction Testing</i>	\$30,000	0.04%					\$25,000	0.09%	\$100,000	0.22%					\$1,472,000	0.09%
<i>Printing (Over Minimum)</i>	\$20,000	0.03%	\$15,000	0.02%			\$20,000	0.07%	\$10,000	0.02%	\$5,000	0.01%	\$60,000	0.08%	\$867,100	0.05%
<i>Other Reimbursable Costs</i>	\$100,000	0.13%	\$150,000	0.20%	\$179,870	0.25%	\$20,000	0.07%	\$52,000	0.11%	\$38,500	0.09%			\$2,344,410	0.14%
Sub-Consultants																
<i>Hazardous Materials</i>	\$100,000	0.13%	\$200,000	0.27%	\$113,630	0.16%	\$75,000	0.28%	\$50,000	0.11%	\$71,500	0.16%	\$125,000	0.16%	\$2,495,230	0.15%
<i>Geotech & Geotech Environment</i>	\$85,000	0.11%	\$150,000	0.20%	\$148,500	0.21%	\$30,000	0.11%	\$218,000	0.48%	\$225,500	0.51%	\$125,000	0.16%	\$3,485,495	0.20%
<i>Site Survey</i>	\$40,000	0.05%	\$30,000	0.04%	\$49,500	0.07%	\$25,000	0.09%			\$44,000	0.10%	\$75,000	0.10%	\$956,530	0.06%
<i>Wetlands</i>	\$40,000	0.05%			\$62,000	0.09%	\$20,000	0.07%			\$16,500	0.04%	\$75,000	0.10%	\$825,500	0.05%
<i>Traffic Studies</i>	\$35,000	0.04%	\$25,000	0.03%	\$71,500	0.10%	\$25,000	0.09%			\$27,500	0.06%	\$75,000	0.10%	\$794,870	0.05%
Total Designer Fees	\$8,271,042	10.40%	\$7,784,711	10.50%	\$7,831,637	10.87%	\$2,979,500	11.01%	\$4,958,800	10.87%	\$4,864,230	11.11%	\$8,780,549	11.34%	\$188,020,162	11.04%
Owner's Project Manager	Symmes Maini & McKee Associates, Inc.		PMA Construction Services		PMA Construction Services		Colliers Project Leaders NE, LLC		Vertex Construction Services		Leftfield, LLC		CBRE/HEERY			
<i>Feasibility Study</i>	\$200,000	0.25%	\$242,556	0.33%	\$219,683	0.30%	\$324,400	1.20%	\$137,622	0.30%	\$216,270	0.49%	\$407,566	0.53%	\$8,341,575	0.49%
<i>Design Development</i>	\$180,250	0.23%	\$115,108	0.16%	\$135,000	0.19%	\$33,100	0.12%	\$106,839	0.23%	\$225,000	0.51%	\$163,200	0.21%	\$3,953,682	0.23%
<i>Construction Contract Documents</i>	\$250,025	0.31%	\$430,835	0.58%	\$570,000	0.79%	\$63,100	0.23%	\$159,144	0.35%	\$225,000	0.51%	\$153,888	0.20%	\$6,481,655	0.38%
<i>Bidding</i>	\$95,050	0.12%					\$53,000	0.20%	\$62,117	0.14%	\$100,000	0.23%	\$58,320	0.08%	\$2,085,430	0.12%
<i>Construction Contract Administration</i>	\$1,912,599	2.41%	\$1,666,438	2.25%	\$1,425,000	1.98%	\$713,600	2.64%	\$1,047,119	2.29%	\$1,435,750	3.28%	\$2,145,700	2.77%	\$40,128,142	2.36%
<i>Closeout</i>	\$120,080	0.15%	\$138,976	0.19%	\$230,000	0.32%	\$76,900	0.28%	\$84,302	0.18%	\$200,000	0.46%	\$30,500	0.04%	\$3,244,610	0.19%
<i>Extra Services</i>	\$100,000	0.13%	\$30,000	0.04%	\$500,000	0.69%									\$1,243,917	0.07%
<i>Other Project Manager Costs</i>															\$57,250	0.00%
<i>Reimbursables & Other Services</i>	\$40,000	0.05%	\$80,000	0.11%	\$500,000	0.69%									\$1,090,899	0.06%
<i>Cost Estimates</i>			\$65,000	0.09%	\$74,800	0.10%	\$44,000	0.16%	\$88,000	0.19%			\$170,892	0.22%	\$1,431,192	0.08%
Total OPM Fees	\$2,898,004	3.65%	\$2,768,913	3.74%	\$3,654,483	5.07%	\$1,308,100	4.83%	\$1,685,143	3.69%	\$2,402,020	5.49%	\$3,130,066	4.04%	\$68,058,352	4.00%
Total Designer and OPM Fees	\$11,169,046	14.05%	\$10,553,624	14.24%	\$11,486,120	15.94%	\$4,287,600	15.85%	\$6,643,943	14.56%	\$7,266,250	16.59%	\$11,910,615	15.38%	\$256,078,514	15.04%
Total Construction Costs	\$79,492,662		\$74,111,830		\$72,066,378		\$27,057,700		\$45,627,177		\$43,786,426		\$77,450,806		\$1,702,372,994	