

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

Information as of:
**December 2018
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			
District	Hingham		South Hadley		Revere		Athol-Royalston		Gloucester		Milford		Northborough	
School Name	Hingham ES		Plains ES		Staff Sergeant James J. Hill School		Riverbend		West Parish		Woodland		Lincoln Street	
Project Type	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	
Enrollment			270		690		545		355		985		270	
GSF			63,377		103,650		95,726		65,679		132,539		52,920	
Assumed Start of Construction			May-14		Jan-14		Nov-14		Sep-14		Mar-15		Apr-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	
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.	
Cost Estimator			Project Management & Cost		CostPro, Inc.		Project Management & Cost		Project Management & Cost		Project Management & Cost		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
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.	
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%
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%
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%
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%
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%
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%
Other Basic Services							\$185,000	0.53%	\$40,835	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%
Reimbursable Services														
Construction Testing			\$70,000	0.32%	\$65,000	0.19%	\$10,000	0.03%	\$67,000	0.22%				
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%
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%
Sub-Consultants														
Hazardous Materials			\$40,000	0.19%					\$50,000	0.17%	\$60,000	0.12%	\$60,000	0.33%
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%
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%
Wetlands	\$3,000	0.01%			\$18,000	0.05%	\$15,000	0.04%			\$75,000	0.16%	20000	0.11%
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%
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	
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%
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%
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%
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%
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%
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%
Extra Services							\$40,000	0.11%	\$23,996	0.08%				
Other Project Manager Costs	\$56,250	0.26%			\$1,000	0.00%								
Reimbursables & Other Services							\$15,000	0.04%						
Cost Estimates			\$40,000	0.19%	\$65,000	0.19%	\$50,000	0.14%	\$40,000	0.13%			\$24,000	0.13%
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%
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%
Total Construction Costs	\$21,528,000		\$21,563,821		\$33,897,336		\$35,191,363		\$29,995,466		\$48,381,844		\$18,224,600	

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Date Board Approved	Jan-15		Mar-15		Jun-15		Aug-15		Sep-15		Nov-15		Nov-15		Jan-16	
District	Worcester		Woburn		Brookline		New Bedford		Hopkinton		Carver		Narragansett		Granby	
School Name	Nelson Place		Wyman		Edward Devotion		John Hannigan		Center		Carver ES		Templeton Center		West St	
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program	
Project Scope	New Construction		New Construction		Addition / Renovation		New Construction		New Construction		New Construction		New Construction		Addition / Renovation	
Enrollment	600		410		1,010		400		395		750		580		430	
GSF	111,256		70,701		227,087		74,056		83,256		112,350		92,735		68,760	
Assumed Start of Construction	Jul-15		Apr-16		Jul-16		May-16		Dec-16		Sep-16		Oct-16		Feb-17	
OPM	Tishman Construction Corporation of MA		Municipal Building Consultants, Inc.		Town Employee		Daedalus Projects Inc		Compass Project Management, Inc.		PMA Construction Services		Colliers International		Colliers International	
Designer	Lamoureux Pagano & Associates, Inc.		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.	
Cost Estimator	A M Fogarty & Associates Inc.		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	
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	Lamoureux Pagano & Associates, Inc.		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.	
Basic Services																
Feasibility Study	\$635,128	1.36%	\$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%
Design Development	\$1,029,665	2.21%	\$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%
Construction Contract Documents	\$1,912,235	4.11%	\$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%
Bidding	\$80,600	0.17%	\$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%
Construction Contract Administration	\$957,125	2.06%	\$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%
Closeout	\$50,375	0.11%	\$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%
Other Basic Services	\$65,000	0.14%	\$20,000	0.07%	\$10,000	0.01%	\$50,000	0.17%								
Subtotal Designer Basic Services	\$4,730,128	10.16%	\$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%
Reimbursable Services																
Construction Testing	\$75,000	0.16%	\$20,000	0.07%	\$400,000	0.43%	\$50,000	0.17%	\$10,000	0.03%			\$25,000	0.07%		
Printing (Over Minimum)	\$10,000	0.02%	\$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%
Other Reimbursable Costs	\$120,000	0.26%	\$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%
Sub-Consultants																
Hazardous Materials	\$50,000	0.11%	\$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%
Geotech & Geotech Environment	\$15,000	0.03%	\$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%
Site Survey	\$72,000	0.15%	\$5,000	0.02%			\$5,000	0.02%	\$5,000	0.01%	\$25,000	0.06%	\$30,000	0.08%	\$5,000	0.02%
Wetlands	\$9,000	0.02%	\$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%
Total Designer Fees	\$5,081,128	10.92%	\$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%
Owner's Project Manager	Tishman Construction Corporation of MA		Municipal Building Consultants, Inc.				Daedalus Projects Inc		Compass Project Management, Inc.		PMA Construction Services		Colliers International		Colliers International	
Feasibility Study	\$310,872	0.67%	\$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%
Design Development	\$105,000	0.23%	\$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%
Construction Contract Documents	\$108,500	0.23%			\$500,000	0.54%	\$130,000	0.44%	\$93,000	0.26%	\$110,000	0.28%	\$96,600	0.26%	\$45,000	0.17%
Bidding	\$42,500	0.09%			\$125,000	0.14%	\$15,000	0.05%	\$30,160	0.09%			\$101,000	0.28%	\$50,000	0.19%
Construction Contract Administration	\$975,000	2.09%	\$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%
Closeout	\$210,000	0.45%	\$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%
Extra Services	\$85,000	0.18%					\$10,000	0.03%			\$50,000	0.13%				
Other Project Manager Costs																
Reimbursables & Other Services	\$35,000	0.08%					\$5,000	0.02%	\$5,000	0.01%	\$149,275	0.38%				
Cost Estimates	\$44,000	0.09%	\$22,500	0.08%	\$90,000	0.10%			\$45,000	0.13%	\$75,000	0.19%	\$44,000	0.12%	\$25,000	0.09%
Total OPM Fees	\$1,915,872	4.12%	\$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%
Total Designer and OPM Fees	\$6,997,000	15.03%	\$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%
Total Construction Costs	\$46,546,300		\$27,017,841		\$92,237,854		\$29,792,732		\$35,140,982		\$39,443,454		\$36,522,000		\$26,453,000	

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Date Board Approved	Mar-16		Jul-16		Jul-16		Nov-16		Nov-16		May-17		Jun-17		Dec-17	
District	Dedham		Needham		Hanover		Bourne		Newton		Millis		Triton		Newton	
School Name	Early Childhood Center		Hillside ES		Sylvester		James F Peebles ES		A E Angier		Clyde F Brown		Pine Grove		Cabot	
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program	
Project Scope	New Construction		New Construction		Addition / Renovation		New Construction		New Construction		New Construction		Addition / Renovation		Addition / Renovation	
Enrollment	200		430		560		460		465		515		415		480	
GSF	50,345		90,702		97,099		72,680		74,960		89,852		87,674		84,262	
Assumed Start of Construction	Sep-17		Nov-17		Jul-17		Nov-17		Jun-14		Nov-17		Apr-18		Jul-17	
OPM	Construction Monitoring Services, Inc.		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.)	
Designer	Knight, Bagge & Anderson, Inc.		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.	
Cost Estimator	Atlantic Construction and Management, Inc.		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.	
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	Knight, Bagge & Anderson, Inc.		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.	
Basic Services																
Feasibility Study	\$500,000	2.15%	\$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%
Design Development	\$467,600	2.01%	\$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%
Construction Contract Documents	\$697,000	3.00%	\$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%
Bidding	\$76,000	0.33%	\$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%
Construction Contract Administration	\$880,000	3.79%	\$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%
Closeout	\$50,400	0.22%	\$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%
Other Basic Services			\$35,000	0.08%	\$226,000	0.87%					\$50,000	0.12%				
Subtotal Designer Basic Services	\$2,671,000	11.51%	\$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%
Reimbursable Services																
Construction Testing	\$70,000	0.30%	\$100,000	0.22%	\$40,000	0.15%	\$40,000	0.13%			\$25,000	0.06%				
Printing (Over Minimum)	\$50,000	0.22%	\$30,000	0.07%	\$35,000	0.13%	\$20,000	0.06%			\$30,000	0.07%	\$8,000	0.03%		
Other Reimbursable Costs	\$100,000	0.43%	\$205,000	0.45%	\$30,000	0.12%	\$100,000	0.32%	\$75,000	0.29%	\$10,000	0.02%	\$15,000	0.05%		
Sub-Consultants																
Hazardous Materials	\$113,800	0.49%	\$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%
Geotech & Geotech Environment	\$50,000	0.22%	\$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%
Site Survey	\$35,000	0.15%	\$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%
Wetlands			\$25,000	0.05%	\$20,000	0.08%	\$5,000	0.02%			\$10,000	0.02%	\$30,000	0.10%		
Traffic Studies	\$30,000	0.13%	\$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%
Total Designer Fees	\$3,119,800	13.44%	\$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%
Owner's Project Manager	Construction Monitoring Services, Inc.				P3 Inc.		Symmes Maini & McKee Associates, Inc.		Joslin, Lesser + Associates Inc.		Compass Project Management, Inc.		Pinck & Co., Inc.		NV5 (fka Joslin, Lesser + Associates Inc.)	
Feasibility Study	\$100,000	0.43%	\$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%
Design Development	\$40,370	0.17%	\$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%
Construction Contract Documents	\$100,000	0.43%	\$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%
Bidding	\$30,850	0.13%	\$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%
Construction Contract Administration	\$600,000	2.58%	\$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%
Closeout	\$70,000	0.30%	\$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%
Extra Services			\$55,000	0.12%			\$40,000	0.13%	\$56,000		\$124,921	0.29%				
Other Project Manager Costs																
Reimbursables & Other Services	\$70,000	0.30%	\$25,000	0.05%			\$15,000	0.05%			\$1,624	0.00%	\$20,000	0.07%		
Cost Estimates	\$70,000	0.30%	\$60,000	0.13%			\$50,000	0.16%			\$30,000	0.07%				
Total OPM Fees	\$1,081,220	4.66%	\$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%
Total Designer and OPM Fees	\$4,201,020	18.10%	\$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%
Total Construction Costs	\$23,213,553		\$45,465,414		\$26,075,672		\$30,910,366		\$26,231,698		\$42,591,393		\$30,191,749		\$36,250,776	

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

Information as of:
**December 2018
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	Aug-17		Feb-18		Feb-18		Apr-18		Apr-18		TOTAL - ALL ELEMENTARY SCHOOLS	
District	Lexington		Ludlow		Taunton		Marlborough		Harvard			
School Name	Maria Hastings		Chapin Street ES		Mulcahey ES		Richer		Hildreth ES			
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program			
Project Scope	New Construction		New Construction		New Construction		New Construction - Model School		New Construction			
Enrollment	645		630		735		610		445			
GSF	110,000		106,250		119,693		111,437		85,214			
Assumed Start of Construction	Sep-18		Jun-19		Jan-19		Dec-18		Jun-19			
OPM	Dore & Whittier Management Partners, Inc.		STV DPM (fka STV Inc.)		CGA Project Management		Daedalus Projects Inc		NV5 (fka Joslin, Lesser + Associates Inc.)			
Designer	DiNisco Design, Inc.		Mount Vernon Group Architects, Inc.		Dore & Whittier Architect, Inc.		Mount Vernon Group Architects, Inc.		Arrowstreet Inc.			
Cost Estimator	A M Fogarty & Associates Inc.		Fennessy Consulting Services		Project Management & Cost		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
Designer	DiNisco Design, Inc.		Mount Vernon Group Architects, Inc.		Dore & Whittier Architect, Inc.		Mount Vernon Group Architects, Inc.		Arrowstreet Inc.			
Basic Services												
<i>Feasibility Study</i>	\$590,000	1.11%	\$681,295	1.49%	\$1,099,890	2.20%	\$807,200	1.69%	\$328,000	0.76%	\$16,698,470	1.60%
<i>Design Development</i>	\$968,800	1.83%	\$800,000	1.75%	\$933,960	1.87%			\$1,077,330	2.51%	\$21,500,702	2.06%
<i>Construction Contract Documents</i>	\$1,998,400	3.77%	\$1,750,000	3.82%	\$1,330,674	2.66%	\$1,178,392	2.46%	\$1,866,200	4.34%	\$35,757,223	3.43%
<i>Bidding</i>	\$149,880	0.28%	\$225,000	0.49%	\$220,860	0.44%	\$80,000	0.17%	\$150,000	0.35%	\$4,108,283	0.39%
<i>Construction Contract Administration</i>	\$1,249,000	2.36%	\$750,000	1.64%	\$1,421,738	2.84%	\$620,000	1.30%	\$943,774	2.19%	\$25,793,046	2.47%
<i>Closeout</i>	\$99,920	0.19%	\$110,000	0.24%	\$73,394	0.15%	\$63,000	0.13%	\$34,600	0.08%	\$2,158,194	0.21%
<i>Other Basic Services</i>			\$325,000	0.71%			\$200,000	0.42%			\$1,206,835	0.12%
Subtotal Designer Basic Services	\$5,056,000	9.54%	\$4,641,295	10.14%	\$5,080,516	10.15%	\$2,948,592	6.16%	\$4,399,904	10.23%	\$107,222,753	10.29%
Reimbursable Services												
<i>Construction Testing</i>	\$60,000	0.11%	\$40,000	0.09%			\$100,000	0.21%			\$1,267,000	0.12%
<i>Printing (Over Minimum)</i>	\$30,000	0.06%	\$40,000	0.09%	\$10,000	0.02%	\$30,000	0.06%			\$702,100	0.07%
<i>Other Reimbursable Costs</i>	\$87,000	0.16%	\$40,000	0.09%	\$270,000	0.54%	\$20,000	0.04%	\$50,000	0.12%	\$1,703,800	0.16%
Sub-Consultants												
<i>Hazardous Materials</i>	\$35,000	0.07%	\$20,000	0.04%	\$100,000	0.20%			\$65,000	0.15%	\$1,549,900	0.15%
<i>Geotech & Geotech Environment</i>	\$55,000	0.10%	\$80,000	0.17%	\$100,000	0.20%	\$60,000	0.13%	\$125,000	0.29%	\$2,193,375	0.21%
<i>Site Survey</i>	\$20,000	0.04%	\$5,000	0.01%			\$45,000	0.09%	\$10,000	0.02%	\$593,030	0.06%
<i>Wetlands</i>			\$20,000	0.04%			\$40,000	0.08%	\$10,000	0.02%	\$562,000	0.05%
<i>Traffic Studies</i>	\$17,000	0.03%			\$25,000	0.05%			\$15,000	0.03%	\$462,870	0.04%
Total Designer Fees	\$5,360,000	10.12%	\$4,886,295	10.68%	\$5,585,516	11.15%	\$3,243,592	6.78%	\$4,674,904	10.87%	\$116,256,828	11.15%
Owner's Project Manager	Dore & Whittier Management Partners, Inc.		STV DPM (fka STV Inc.)		CGA Project Management		Daedalus Projects Inc		NV5 (fka Joslin, Lesser + Associates Inc.)		All OPMs	
<i>Feasibility Study</i>	\$310,000	0.59%	\$200,813	0.44%	\$240,182	0.48%	\$155,000	0.32%	\$172,000	0.40%	\$5,612,868	0.54%
<i>Design Development</i>	\$180,000	0.34%	\$41,286	0.09%	\$90,000	0.18%	\$125,000	0.26%	\$68,000	0.16%	\$2,568,964	0.25%
<i>Construction Contract Documents</i>	\$200,000	0.38%	\$164,722	0.36%	\$135,000	0.27%	\$175,000	0.37%	\$102,000	0.24%	\$3,819,514	0.37%
<i>Bidding</i>	\$60,000	0.11%	\$48,576	0.11%	\$45,000	0.09%	\$47,000	0.10%	\$53,000	0.12%	\$1,435,867	0.14%
<i>Construction Contract Administration</i>	\$1,100,000	2.08%	\$1,083,024	2.37%	\$1,060,000	2.12%	\$880,000	1.84%	\$1,063,000	2.47%	\$23,626,422	2.27%
<i>Closeout</i>	\$100,000	0.19%	\$52,244	0.11%	\$60,000	0.12%	\$40,000	0.08%	\$38,000	0.09%	\$1,912,156	0.18%
<i>Extra Services</i>	\$60,000	0.11%	\$60,000	0.13%			\$15,000	0.03%			\$563,917	0.05%
<i>Other Project Manager Costs</i>											\$57,250	0.01%
<i>Reimbursables & Other Services</i>	\$5,000	0.01%			\$5,000	0.01%					\$350,899	0.03%
<i>Cost Estimates</i>	\$25,000	0.05%	\$40,000	0.09%	\$60,000	0.12%					\$899,500	0.09%
Total OPM Fees	\$2,040,000	3.85%	\$1,690,665	3.70%	\$1,695,182	3.39%	\$1,437,000	3.00%	\$1,496,000	3.48%	\$40,847,357	3.92%
Total Designer and OPM Fees	\$7,400,000	13.97%	\$6,576,960	14.37%	\$7,280,698	14.54%	\$4,680,592	9.79%	\$6,170,904	14.35%	\$157,104,185	15.07%
Total Construction Costs	\$52,973,418		\$45,754,614		\$50,074,205		\$47,831,946		\$42,999,041		\$1,042,500,438	