

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

Information as of:

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. Additionally, districts may refer to their district and school names using different titles than what is shown in this report. Please contact the Districts for 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.

April 2023 Board Meeting

Date Board Approved	Nov-12		Mar-13		Oct-13		Oct-13		Jan-14		Mar-14		Mar-14		Jan-15		Mar-15	
District	South Hadley		Revere		Athol-Royalston		Newton		Gloucester		Milford		Northborough		Worcester		Woburn	
School Name	Plains ES		Staff Sergeant James J. Hill School		Athol Community ES		A E Angier		West Parish		Woodland		Lincoln Street		Nelson Place		Wyman	
Project Type	Core Program		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		New Construction	
Enrollment	270		690		545		465		355		985		270		600		410	
GSF	63,377		103,650		95,726		74,960		65,679		132,539		52,920		111,256		70,701	
Assumed Start of Construction	May-14		Jan-14		Nov-14		Mar-14		Nov-14		Mar-15		Apr-15		Jul-15		Apr-16	
OPM	Arcadis U.S., Inc.		Hill International Company		Symmes Maini & McKee Associates		Joslin, Lesser + Associates Inc.		Knight, Bagge & Anderson Inc.		Joslin, Lesser + Associates Inc.		Colliers International		Tishman Construction Corporation of MA		Municipal Building Consultants, Inc.	
Designer	Jones Whitsett Architects, Inc.		Drumrey Rosane Anderson, Inc.		Mount Vernon Group Architects, Inc.		DiNisco Design Partnership, Limited		Dore & Whittier Architects, Inc.		HMFH Architects, Inc.		Lamoureux Pagano & Associates, Inc.		Lamoureux Pagano Associates Architects, Inc.		DiNisco Design Partnership, Limited	
Cost Estimator	Project Management & Cost		CostPro, Inc.		Project Management & Cost		A M Fogarty & Associates Inc.		Project Management & Cost		Project Management & Cost		A M Fogarty & Associates Inc.		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	Cost	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction
Designer	Jones Whitsett Architects, Inc.		Drumrey Rosane Anderson, Inc.		Mount Vernon Group Architects, Inc.		DiNisco Design Partnership, Limited		Dore & Whittier Architects, Inc.		HMFH Architects, Inc.		Lamoureux Pagano & Associates, Inc.		Lamoureux Pagano Associates Architects, Inc.		DiNisco Design Partnership, Limited	
Basic Services																		
Feasibility Study	\$599,000	2.78%	\$450,000	1.33%	\$296,000	0.84%	\$501,467	1.91%	\$365,000	1.22%	\$548,677	1.13%	\$345,000	1.89%	\$635,128	1.36%	\$676,111	2.50%
Design Development	\$570,000	2.64%	\$631,800	1.86%	\$620,000	1.76%	\$510,230	1.95%	\$680,000	2.27%	\$1,300,000	2.69%	\$381,500	2.09%	\$1,029,665	2.21%	\$436,433	1.62%
Construction Contract Documents	\$570,000	2.64%	\$1,274,500	3.76%	\$1,100,000	3.13%	\$1,013,640	3.86%	\$850,000	2.83%	\$1,740,000	3.60%	\$915,000	5.02%	\$1,912,235	4.11%	\$985,910	3.65%
Bidding	\$120,000	0.56%	\$157,950	0.47%	\$170,000	0.48%	\$126,705	0.48%	\$100,000	0.33%	\$169,000	0.35%	\$55,000	0.30%	\$80,600	0.17%	\$123,239	0.46%
Construction Contract Administration	\$390,000	1.81%	\$750,260	2.21%	\$830,000	2.36%	\$601,849	2.29%	\$1,205,645	4.02%	\$1,040,000	2.15%	\$473,850	2.60%	\$957,125	2.06%	\$492,955	1.82%
Closeout	\$26,000	0.12%	\$39,490	0.12%	\$40,000	0.11%	\$31,676	0.12%	\$150,000	0.50%	\$96,000	0.20%	\$20,150	0.11%	\$50,375	0.11%	\$123,239	0.46%
Other Basic Services					\$185,000	0.53%			\$40,835	0.14%					\$65,000	0.14%	\$20,000	0.07%
Subtotal Designer Basic Services	\$2,275,000	10.55%	\$3,304,000	9.75%	\$3,241,000	9.21%	\$2,785,567	10.62%	\$3,391,480	11.31%	\$4,893,677	10.11%	\$2,190,500	12.02%	\$4,730,128	10.16%	\$2,857,887	10.58%
Reimbursable Services																		
Construction Testing	\$70,000	0.32%	\$65,000	0.19%	\$10,000	0.03%			\$67,000	0.22%					\$75,000	0.16%	\$20,000	0.07%
Printing (Over Minimum)	\$20,000	0.09%	\$85,000	0.25%	\$40,000	0.11%			\$26,100	0.09%			\$30,000	0.16%	\$10,000	0.02%	\$50,000	0.19%
Other Reimbursable Costs	\$40,000	0.19%	\$30,000	0.09%	\$40,000	0.11%	\$75,000	0.29%			\$65,000	0.13%	\$6,000	0.03%	\$120,000	0.26%	\$45,000	0.17%
Sub-Consultants																		
Hazardous Materials	\$40,000	0.19%					\$57,000	0.22%	\$50,000	0.17%	\$60,000	0.12%	\$60,000	0.33%	\$50,000	0.11%	\$10,000	0.04%
Geotech & Geotech Environment	\$20,000	0.09%	\$80,000	0.24%	\$80,000	0.23%	\$60,000	0.23%	\$150,000	0.50%	\$85,000	0.18%	\$14,000	0.08%	\$15,000	0.03%	\$83,000	0.31%
Site Survey	\$30,000	0.14%	\$15,000	0.04%	\$25,000	0.07%	\$10,000	0.04%	\$52,470	0.17%			\$20,000	0.11%	\$72,000	0.15%	\$5,000	0.02%
Wetlands			\$18,000	0.05%	\$15,000	0.04%					\$75,000	0.16%	\$20,000	0.11%	\$9,000	0.02%	\$220,000	0.81%
Traffic Studies	\$25,000	0.12%	\$12,000	0.04%	\$20,000	0.06%	\$5,000	0.02%	\$12,070	0.04%	\$30,000	0.06%					\$5,000	0.02%
Total Designer Fees	\$2,520,000	11.69%	\$3,609,000	10.65%	\$3,471,000	9.86%	\$2,992,567	11.41%	\$3,749,120	12.50%	\$5,208,677	10.77%	\$2,340,500	12.84%	\$5,081,128	10.92%	\$3,295,887	12.20%
Owner's Project Manager	Arcadis U.S., Inc.		Hill International Company		Symmes Maini & McKee Associates		NV5 (Ika Joslin, Lesser + Associates Inc.)		Knight, Bagge & Anderson Inc.		Joslin, Lesser + Associates Inc.		Colliers International		Tishman Construction Corporation of MA		Municipal Building Consultants, Inc.	
Feasibility Study	\$151,000	0.70%	\$250,000	0.74%	\$104,000	0.30%	\$216,192	0.82%	\$135,000	0.45%	\$199,774	0.41%	\$155,000	0.85%	\$310,872	0.67%	\$208,889	0.77%
Design Development	\$100,560	0.47%	\$26,000	0.08%	\$100,000	0.28%	\$57,000	0.22%	\$170,110	0.57%	\$91,500	0.19%	\$41,663	0.23%	\$105,000	0.23%	\$201,400	0.75%
Construction Contract Documents	\$97,850	0.45%	\$72,000	0.21%	\$140,000	0.40%	\$95,000	0.36%	\$213,760	0.71%	\$175,000	0.36%	\$60,766	0.33%	\$108,500	0.23%		
Bidding	\$41,250	0.19%	\$14,400	0.04%	\$60,000	0.17%	\$35,000	0.13%	\$24,068	0.08%	\$70,000	0.14%	\$44,231	0.24%	\$42,500	0.09%		
Construction Contract Administration	\$520,592	2.41%	\$829,000	2.45%	\$755,000	2.15%	\$652,000	2.49%	\$538,479	1.80%	\$1,125,500	2.33%	\$540,185	2.96%	\$975,000	2.09%	\$624,560	2.31%
Closeout	\$55,477	0.26%	\$60,000	0.18%	\$60,000	0.17%	\$56,000	0.21%	\$73,429	0.24%	\$50,500	0.10%	\$64,958	0.36%	\$210,000	0.45%	\$28,250	0.10%
Extra Services					\$40,000	0.11%			\$23,996	0.08%					\$85,000	0.18%		
Other Project Manager Costs			\$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%	\$22,500	0.08%
Total OPM Fees	\$1,006,729	4.67%	\$1,317,400	3.89%	\$1,324,000	3.76%	\$1,111,192	4.24%	\$1,218,842	4.06%	\$1,712,274	3.54%	\$930,803	5.11%	\$1,915,872	4.12%	\$1,085,599	4.02%
Total Designer and OPM Fees	\$3,526,729	16.35%	\$4,926,400	14.53%	\$4,795,000	13.63%	\$4,103,759	15.64%	\$4,967,962	16.56%	\$6,920,951	14.30%	\$3,271,303	17.95%	\$6,997,000	15.03%	\$4,381,486	16.22%
Total Construction Costs	\$21,563,821		\$33,897,336		\$35,191,363		\$26,231,698		\$29,995,466		\$48,381,844		\$18,224,600		\$46,546,300		\$27,017,841	

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

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April 2023 Board Meeting

Date Board Approved	Aug-15		Sep-15		Nov-15		Nov-15		Jan-16		Jul-16		Jul-16		Nov-16		Nov-16	
District	New Bedford		Hopkinton		Carver		Narragansett		Granby		Needham		Hanover		Bourne		Newton	
School Name	John Hannigan		Center		Carver ES		Templeton Center		West St		Hillside ES		Sylvester		James F Peebles ES		Cabot	
Project Type	Core Program		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		Addition / Renovation		New Construction		Addition / Renovation		New Construction		Addition / Renovation	
Enrollment	400		395		750		580		430		430		\$560		460		480	
GSF	74,056		83,256		112,350		92,735		68,760		90,702		\$97,099		72,680		84,262	
Assumed Start of Construction	May-16		Dec-16		Sep-16		Oct-16		Feb-17		Nov-17		Jul-17		Nov-17		Jul-17	
OPM	Daedalus Projects Inc		Compass Project Management, Inc.		PMA Construction Services		Colliers International		Colliers International		Town Employee		P3 Inc.		Symmes Maini & McKee Associates, Inc.		NV5 (fka Joslin, Lesser + Associates Inc.)	
Designer	Turowski2 Architecture, Inc.		Drumrey Rosane Anderson, Inc.		HMFH Architects, Inc.		Symmes Maini & McKee Associates, Inc.		Jones Whitsett Architects, Inc.		Dore & Whittier Architects, Inc.		Mount Vernon Group Architects, Inc.		Flansburgh Associates, Inc.		DiNisco Design, Inc.	
Cost Estimator	Project Management & Cost		VJ Associates of New England		A M Fogarty & Associates Inc.		Daedalus Projects Inc		Project Management & Cost		Project Management & Cost		Fennessy Consulting Services		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	Cost	% of Total Construction
Designer	Turowski2 Architecture, Inc.		Drumrey Rosane Anderson, Inc.		HMFH Architects, Inc.		Symmes Maini & McKee Associates, Inc.		Jones Whitsett Architects, Inc.		Dore & Whittier Architects, Inc.		Mount Vernon Group Architects, Inc.		Flansburgh Associates, Inc.		DiNisco Design, Inc.	
Basic Services																		
Feasibility Study	\$658,938	2.21%	\$440,714	1.25%	\$502,350	1.27%	\$725,532	1.99%	\$520,000	1.97%	\$545,000	1.20%	\$354,600	1.36%	\$505,000	1.63%	\$935,000	2.58%
Design Development	\$752,000	2.52%	\$820,925	2.34%	\$936,273	2.37%	\$840,000	2.30%	\$560,000	2.12%	\$960,054	2.11%	\$557,345	2.14%	\$530,000	1.71%	\$700,000	1.93%
Construction Contract Documents	\$1,100,000	3.69%	\$1,313,479	3.74%	\$1,235,881	3.13%	\$1,350,000	3.70%	\$900,000	3.40%	\$1,397,096	3.07%	\$796,957	3.06%	\$1,060,000	3.43%	\$1,500,000	4.14%
Bidding	\$107,000	0.36%	\$164,185	0.47%	\$187,255	0.47%	\$140,000	0.38%	\$90,000	0.34%	\$198,164	0.44%	\$120,255	0.46%	\$130,000	0.42%	\$100,000	0.28%
Construction Contract Administration	\$591,000	1.98%	\$820,924	2.34%	\$1,310,783	3.32%	\$964,694	2.64%	\$765,000	2.89%	\$1,560,956	3.43%	\$480,505	1.84%	\$874,000	2.83%	\$1,000,000	2.76%
Closeout	\$78,000	0.26%	\$164,185	0.47%	\$74,901	0.19%	\$50,000	0.14%	\$42,000	0.16%	\$35,730	0.08%	\$40,000	0.15%	\$132,037	0.43%	\$60,000	0.17%
Other Basic Services	\$50,000	0.17%									\$35,000	0.08%	\$226,000	0.87%				
Subtotal Designer Basic Services	\$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%	\$4,732,000	10.41%	\$2,575,662	9.88%	\$3,231,037	10.45%	\$4,295,000	11.85%
Reimbursable Services																		
Construction Testing	\$50,000	0.17%	\$10,000	0.03%			\$25,000	0.07%			\$100,000	0.22%	\$40,000	0.15%	\$40,000	0.13%		
Printing (Over Minimum)	\$8,000	0.03%	\$30,000	0.09%	\$15,000	0.04%	\$10,000	0.03%	\$10,000	0.04%	\$30,000	0.07%	\$35,000	0.13%	\$20,000	0.06%		
Other Reimbursable Costs	\$10,800	0.04%	\$10,000	0.03%	\$100,000	0.25%	\$100,000	0.27%	\$90,000	0.34%	\$205,000	0.45%	\$30,000	0.12%	\$100,000	0.32%		
Sub-Consultants																		
Hazardous Materials	\$15,000	0.05%	\$10,000	0.03%	\$100,000	0.25%	\$80,000	0.22%	\$75,000	0.28%	\$81,000	0.18%	\$65,000	0.25%	\$100,000	0.32%	\$50,000	0.14%
Geotech & Geotech Environment	\$15,000	0.05%	\$100,000	0.28%	\$100,000	0.25%	\$100,000	0.27%	\$5,000	0.02%	\$148,000	0.33%	\$30,000	0.12%	\$80,000	0.26%	\$150,000	0.41%
Site Survey	\$5,000	0.02%	\$5,000	0.01%	\$25,000	0.06%	\$30,000	0.08%	\$5,000	0.02%	\$25,000	0.06%	\$5,000	0.02%	\$60,000	0.19%	\$5,000	0.01%
Wetlands			\$17,000	0.05%			\$15,000	0.04%	\$10,000	0.04%	\$25,000	0.05%	\$20,000	0.08%	\$5,000	0.02%		
Traffic Studies			\$20,000	0.06%			\$100,000	0.27%	\$5,000	0.02%	\$25,000	0.05%	\$10,000	0.04%	\$40,000	0.13%	\$15,000	0.04%
Total Designer Fees	\$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%	\$5,371,000	11.81%	\$2,821,662	10.82%	\$3,676,037	11.89%	\$4,515,000	12.45%
Owner's Project Manager	Daedalus Projects Inc		Compass Project Management, Inc.		PMA Construction Services		Colliers International		Colliers International		Town Employee		P3 Inc.		Symmes Maini & McKee Associates, Inc.		NV5 (fka Joslin, Lesser + Associates Inc.)	
Feasibility Study	\$82,500	0.28%	\$159,286	0.45%	\$123,000	0.31%	\$324,468	0.89%	\$280,000	1.06%	\$150,000	0.33%	\$145,400	0.56%	\$245,000	0.79%	\$465,000	1.28%
Design Development	\$80,000	0.27%	\$95,500	0.27%	\$78,000	0.20%	\$47,500	0.13%	\$45,000	0.17%	\$150,000	0.33%	\$86,000	0.33%	\$50,000	0.16%	\$120,000	0.33%
Construction Contract Documents	\$130,000	0.44%	\$93,000	0.26%	\$110,000	0.28%	\$96,600	0.26%	\$45,000	0.17%	\$320,000	0.70%	\$115,000	0.44%	\$90,000	0.29%	\$295,000	0.81%
Bidding	\$15,000	0.05%	\$30,160	0.09%			\$101,000	0.28%	\$50,000	0.19%	\$120,000	0.26%	\$56,000	0.21%	\$50,000	0.16%	\$115,000	0.32%
Construction Contract Administration	\$575,000	1.93%	\$881,000	2.51%	\$1,098,250	2.78%	\$800,000	2.19%	\$810,000	3.06%	\$720,000	1.98%	\$621,000	2.38%	\$800,000	2.59%	\$693,000	1.91%
Closeout	\$35,000	0.12%	\$95,630	0.27%	\$48,883	0.12%	\$65,000	0.18%	\$45,000	0.17%	\$80,000	0.18%	\$32,000	0.12%	\$54,863	0.18%	\$56,000	0.15%
Extra Services	\$10,000	0.03%			\$50,000	0.13%					\$55,000	0.12%			\$40,000	0.13%		
Other Project Manager Costs																		
Reimbursables & Other Services	\$5,000	0.02%	\$5,000	0.01%	\$149,275	0.38%					\$25,000	0.05%			\$15,000	0.05%		
Cost Estimates			\$45,000	0.13%	\$75,000	0.19%	\$44,000	0.12%	\$25,000	0.09%	\$60,000	0.13%			\$50,000	0.16%		
Total OPM Fees	\$932,500	3.13%	\$1,404,576	4.00%	\$1,732,408	4.39%	\$1,478,568	4.05%	\$1,300,000	4.91%	\$1,680,000	3.70%	\$1,055,400	4.05%	\$1,394,863	4.51%	\$1,744,000	4.81%
Total Designer and OPM Fees	\$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%	\$7,051,000	15.51%	\$3,877,062	14.87%	\$5,070,900	16.41%	\$6,259,000	17.27%
Total Construction Costs	\$29,792,732		\$35,140,982		\$39,443,454		\$36,522,000		\$26,453,000		\$45,465,414		\$26,075,672		\$30,910,366		\$36,250,776	

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Elementary Schools**

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April 2023 Board Meeting

Date Board Approved	May-17		Jun-17		Aug-17		Feb-18		Feb-18		Apr-18		Apr-18		Aug-18		Aug-18	
District	Millis		Triton		Lexington		Ludlow		Taunton		Marlborough		Harvard		Easthampton		Manchester Essex Regional	
School Name	Clyde F Brown		Pine Grove		Maria Hastings		Chapin Street ES		Mulcahey ES		Richer		Hildreth ES		Maple		Manchester Memorial ES	
Project Type	Core Program		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 - Model School		New Construction		New Construction		New Construction	
Enrollment	515		415		645		630		735		610		445		1,010		335	
GSF	89,852		87,674		110,000		106,250		119,693		111,437		85,214		177,370		77,102	
Assumed Start of Construction	Nov-17		Apr-18		Sep-18		May-23		Jan-19		Jul-22		Jun-22		Dec-19		Jun-19	
OPM	Compass Project Management, Inc.		Pinck & Co., Inc.		Dore & Whittier Management Partners, Inc.		STV DPM (fka STV Inc.)		CGA Project Management		Daedalus Projects Inc		NV5 (fka Joslin, Lesser + Associates Inc.)		Colliers International		Dore & Whittier Management Partners, Inc.	
Designer	Tappe Associates, Inc.		Dore & Whittier Architects, Inc.		DINisco Design, Inc.		Mount Vernon Group Architects, Inc.		Dore & Whittier Architect, Inc.		Mount Vernon Group Architects, Inc.		Arrowstreet Inc.		Caolo & Bieniek Associates, Inc.		JCJ Architecture, PC	
Cost Estimator	A M Fogarty & Associates Inc.		Project Management & Cost		A M Fogarty & Associates Inc.		Fennessy Consulting Services		Project Management & Cost		A M Fogarty & Associates Inc.		Project Management & Cost		VJ Associates of New England		VJ Associates of New England	
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	Cost	% of Total Construction
Designer	Tappe Associates, Inc.		Dore & Whittier Architects, Inc.		DINisco Design, Inc.		Mount Vernon Group Architects, Inc.		Dore & Whittier Architect, Inc.		Mount Vernon Group Architects, Inc.		Arrowstreet Inc.		Caolo & Bieniek Associates, Inc.		JCJ Architecture, PC	
Basic Services																		
<i>Feasibility Study</i>	\$741,168	1.74%	\$515,690	1.71%	\$590,000	1.11%	\$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%
<i>Design Development</i>	\$806,546	1.89%	\$593,398	1.97%	\$968,800	1.83%	\$800,000	1.75%	\$933,960	1.87%	\$1,077,330	2.51%	\$2,053,660	2.28%	\$1,165,500	2.83%	\$1,165,500	2.83%
<i>Construction Contract Documents</i>	\$1,450,473	3.41%	\$1,186,796	3.93%	\$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%	\$3,604,880	4.00%	\$1,750,000	4.25%
<i>Bidding</i>	\$181,309	0.43%	\$148,350	0.49%	\$149,880	0.28%	\$225,000	0.49%	\$220,860	0.44%	\$80,000	0.17%	\$150,000	0.35%	\$270,366	0.30%	\$170,000	0.41%
<i>Construction Contract Administration</i>	\$906,546	2.13%	\$890,097	2.95%	\$1,249,000	2.36%	\$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%
<i>Closeout</i>	\$181,309	0.43%	\$148,350	0.49%	\$99,920	0.19%	\$110,000	0.24%	\$73,394	0.15%	\$63,000	0.13%	\$34,600	0.08%	\$133,294	0.15%	\$192,000	0.47%
<i>Other Basic Services</i>	\$50,000	0.12%					\$325,000	0.71%			\$200,000	0.42%						
Subtotal Designer Basic Services	\$4,317,351	10.14%	\$3,482,681	11.54%	\$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%	\$9,112,200	10.11%	\$5,072,500	12.33%
Reimbursable Services																		
<i>Construction Testing</i>	\$25,000	0.06%			\$60,000	0.11%	\$40,000	0.09%			\$100,000	0.21%			\$50,000	0.06%		
<i>Printing (Over Minimum)</i>	\$30,000	0.07%	\$8,000	0.03%	\$30,000	0.06%	\$40,000	0.09%	\$10,000	0.02%	\$30,000	0.06%			\$10,000	0.01%		
<i>Other Reimbursable Costs</i>	\$10,000	0.02%	\$15,000	0.05%	\$87,000	0.16%	\$40,000	0.09%	\$270,000	0.54%	\$20,000	0.04%	\$50,000	0.12%	\$10,000	0.01%	\$20,240	0.05%
Sub-Consultants																		
<i>Hazardous Materials</i>	\$80,000	0.19%	\$83,100	0.28%	\$35,000	0.07%	\$20,000	0.04%	\$100,000	0.20%			\$65,000	0.15%	\$75,000	0.08%	\$84,700	0.21%
<i>Geotech & Geotech Environment</i>	\$100,000	0.23%	\$35,000	0.12%	\$55,000	0.10%	\$80,000	0.17%	\$100,000	0.20%	\$60,000	0.13%	\$125,000	0.29%	\$100,000	0.11%	\$96,000	0.23%
<i>Site Survey</i>	\$10,000	0.02%	\$50,000	0.17%	\$20,000	0.04%	\$5,000	0.01%			\$45,000	0.09%	\$10,000	0.02%	\$40,000	0.04%		
<i>Wetlands</i>	\$10,000	0.02%	\$30,000	0.10%			\$20,000	0.04%			\$40,000	0.08%	\$10,000	0.02%	\$30,000	0.03%		
<i>Traffic Studies</i>	\$30,000	0.07%	\$15,000	0.05%	\$17,000	0.03%			\$25,000	0.05%			\$15,000	0.03%	\$50,000	0.06%		
Total Designer Fees	\$4,612,351	10.83%	\$3,718,781	12.32%	\$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%	\$9,477,200	10.52%	\$5,273,440	12.82%
Owner's Project Manager	Compass Project Management, Inc.		Pinck & Co., Inc.		Dore & Whittier Management Partners, Inc.		STV DPM (fka STV Inc.)		CGA Project Management		Daedalus Projects Inc		NV5 (fka Joslin, Lesser + Associates Inc.)		Colliers International		Dore & Whittier Management Partners, Inc.	
<i>Feasibility Study</i>	\$258,832	0.61%	\$284,310	0.94%	\$310,000	0.59%	\$200,813	0.44%	\$240,182	0.48%	\$155,000	0.32%	\$172,000	0.40%	\$250,000	0.28%	\$200,000	0.49%
<i>Design Development</i>	\$90,427	0.21%	\$32,648	0.11%	\$180,000	0.34%	\$41,286	0.09%	\$90,000	0.18%	\$125,000	0.26%	\$68,000	0.16%	\$124,400	0.14%	\$102,361	0.25%
<i>Construction Contract Documents</i>	\$91,695	0.22%	\$81,621	0.27%	\$200,000	0.38%	\$164,722	0.36%	\$135,000	0.27%	\$175,000	0.37%	\$102,000	0.24%	\$194,700	0.22%	\$87,864	0.21%
<i>Bidding</i>	\$78,431	0.18%	\$66,401	0.22%	\$60,000	0.11%	\$48,576	0.11%	\$45,000	0.09%	\$47,000	0.10%	\$53,000	0.12%	\$122,500	0.14%	\$58,576	0.14%
<i>Construction Contract Administration</i>	\$994,726	2.34%	\$890,396	2.95%	\$1,100,000	2.08%	\$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%
<i>Closeout</i>	\$85,801	0.20%	\$55,121	0.18%	\$100,000	0.19%	\$52,244	0.11%	\$60,000	0.12%	\$40,000	0.08%	\$38,000	0.09%	\$158,388	0.18%	\$102,361	0.25%
<i>Extra Services</i>	\$124,921	0.29%			\$60,000	0.11%	\$60,000	0.13%			\$15,000	0.03%						
<i>Other Project Manager Costs</i>																		
<i>Reimbursables & Other Services</i>	\$1,624	0.00%	\$20,000	0.07%	\$5,000	0.01%			\$5,000	0.01%								
<i>Cost Estimates</i>	\$30,000	0.07%			\$25,000	0.05%	\$40,000	0.09%	\$60,000	0.12%					\$64,000	0.07%		
Total OPM Fees	\$1,756,457	4.12%	\$1,430,457	4.74%	\$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%	\$3,247,188	3.60%	\$2,118,276	5.15%
Total Designer and OPM Fees	\$6,368,808	14.95%	\$5,149,238	17.06%	\$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%	\$12,724,388	14.12%	\$7,391,716	17.97%
Total Construction Costs	\$42,591,393		\$30,191,749		\$52,973,418		\$45,754,614		\$50,074,205		\$47,831,946		\$42,999,041		\$90,122,000		\$41,142,104	

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

Information as of:

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. Additionally, districts may refer to their district and school names using different titles than what is shown in this report. Please contact the Districts for 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.

April 2023 Board Meeting

Date Board Approved	Aug-18		Dec-18		Jun-18		Oct-18		Dec-18		Aug-18		Feb-19		Apr-19		Feb-19	
District	Springfield		Danvers		Northbridge		Shrewsbury		Wareham		Foxborough		Westborough		Marblehead		Tewksbury	
School Name	Brightwood		Ivan G Smith		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		Core Program		Core Program	
Project Scope	New Construction		New Construction		New Construction		New Construction		New Construction		Addition / Renovation		New Construction		New Construction		New Construction	
Enrollment	800		465		1,030		790		1,020		270		400		450		790	
GSF	150,500		82,728		167,352		141,600		159,989		61,455		70,242		81,935		139,457	
Assumed Start of Construction	May-19		Jun-19		Jun-19		Sep-23		Feb-20		Nov-23		Feb-20		Apr-20		May-20	
OPM	Skanska USA Building, Inc		PMA Construction Services		Symmes Maini & McKee Associates, Inc.		PMA Construction Services		PMA Construction Services		Colliers Project Leaders NE, LLC		Vertex Construction Services		Leftfield, LLC		CBRE/HEERY	
Designer	DiNisco Design, Inc.		Tappe Associates, Inc.		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	A M Fogarty & Associates Inc.		Project Management & Cost		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	Cost	% of Total Construction
Designer	DiNisco Design, Inc.		Tappe Associates, Inc.		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>	\$700,000	1.05%	\$555,485	1.32%	\$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	0.88%
<i>Design Development</i>	\$1,450,000	2.17%	\$746,000	1.77%	\$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%
<i>Construction Contract Documents</i>	\$2,600,000	3.88%	\$1,305,500	3.10%	\$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%
<i>Bidding</i>	\$195,000	0.29%	\$186,500	0.44%	\$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%
<i>Construction Contract Administration</i>	\$1,819,120	2.72%	\$1,119,000	2.66%	\$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%
<i>Closeout</i>	\$130,000	0.19%	\$373,000	0.89%	\$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%
<i>Other Basic Services</i>									\$303,100	0.42%			\$354,000	0.78%			\$155,200	0.20%
Subtotal Designer Basic Services	\$6,894,120	10.30%	\$4,285,485	10.19%	\$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%
Reimbursable Services																		
<i>Construction Testing</i>					\$30,000	0.04%					\$25,000	0.09%	\$100,000	0.22%				
<i>Printing (Over Minimum)</i>	\$10,000	0.01%	\$15,000	0.04%	\$20,000	0.03%	\$15,000	0.02%			\$20,000	0.07%	\$10,000	0.02%	\$5,000	0.01%	\$60,000	0.08%
<i>Other Reimbursable Costs</i>	\$70,000	0.10%			\$100,000	0.13%	\$150,000	0.20%	\$179,870	0.25%	\$20,000	0.07%	\$52,000	0.11%	\$38,500	0.09%		
Sub-Consultants																		
<i>Hazardous Materials</i>			\$50,500	0.12%	\$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%
<i>Geotech & Geotech Environment</i>	\$84,120	0.13%	\$30,000	0.07%	\$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%
<i>Site Survey</i>	\$10,000	0.01%	\$50,000	0.12%	\$40,000	0.05%	\$30,000	0.04%	\$49,500	0.07%	\$25,000	0.09%			\$44,000	0.10%	\$75,000	0.10%
<i>Wetlands</i>			\$20,000	0.05%	\$40,000	0.05%			\$62,000	0.09%	\$20,000	0.07%			\$16,500	0.04%	\$75,000	0.10%
<i>Traffic Studies</i>	\$20,000	0.03%	\$3,000	0.01%	\$35,000	0.04%	\$25,000	0.03%	\$71,500	0.10%	\$25,000	0.09%			\$27,500	0.06%	\$75,000	0.10%
Total Designer Fees	\$7,088,240	10.59%	\$4,453,985	10.59%	\$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%
Owner's Project Manager	Skanska USA Building, Inc		PMA Construction Services		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>	\$300,000	0.45%	\$230,610	0.55%	\$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%
<i>Design Development</i>	\$150,000	0.22%	\$49,460	0.12%	\$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%
<i>Construction Contract Documents</i>	\$300,000	0.45%	\$227,585	0.54%	\$250,025	0.31%	\$430,835	0.58%	\$570,000	0.79%	\$63,100	0.23%	\$159,144	0.35%	\$225,000	0.51%	\$163,888	0.20%
<i>Bidding</i>	\$100,000	0.15%			\$95,050	0.12%					\$53,000	0.20%	\$62,117	0.14%	\$100,000	0.23%	\$58,320	0.08%
<i>Construction Contract Administration</i>	\$1,425,000	2.13%	\$830,200	1.97%	\$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%
<i>Closeout</i>	\$120,592	0.18%	\$70,355	0.17%	\$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%
<i>Extra Services</i>			\$50,000	0.12%	\$100,000	0.13%	\$30,000	0.04%	\$500,000	0.69%								
<i>Other Project Manager Costs</i>																		
<i>Reimbursables & Other Services</i>			\$120,000	0.29%	\$40,000	0.05%	\$80,000	0.11%	\$500,000	0.69%								
<i>Cost Estimates</i>			\$25,000	0.06%			\$65,000	0.09%	\$74,800	0.10%	\$44,000	0.16%	\$88,000	0.19%			\$170,892	0.22%
Total OPM Fees	\$2,395,592	3.58%	\$1,603,210	3.81%	\$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%
Total Designer and OPM Fees	\$9,483,832	14.17%	\$6,057,195	14.40%	\$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%
Total Construction Costs	\$66,941,200		\$42,074,273		\$79,492,662		\$74,111,830		\$72,066,378		\$27,057,700		\$45,627,177		\$43,786,426		\$77,450,806	

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

Information as of:

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. Additionally, districts may refer to their district and school names using different titles than what is shown in this report. Please contact the Districts for 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.

April 2023 Board Meeting

Date Board Approved	Feb-19		Apr-19		Aug-19		Aug-19		Oct-19		Oct-19		Oct-19		Aug-19		Apr-20	
District	Gardner		Millbury		Amesbury		Bridgewater-Raynham		Easton		Acton-Boxborough		Rockland		West Springfield		Orange	
School Name	Waterford Street		Raymond E. Shaw ES		Amesbury ES		Mitchell ES		Center School		C.T. Douglas ES		Jefferson ES		Philip G Coburn		Dexter Park	
Project Type	Core Program		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		New Construction		New Construction		Addition / Renovation	
Enrollment	925		550		425		740		760		990		760		585		520	
GSF	\$147,120		90,266		98,195		132,045		148,422		174,759		120,672		119,800		97,115	
Assumed Start of Construction	Oct-20		Jan-21		May-23		Jan-21		Mar-23		Oct-20		Mar-23		Nov-23		Jul-21	
OPM	Colliers Project Leaders NE, LLC		Hill International Company		NV5 (fka Joslin, Lesser + Associates Inc.)		CHA Consulting, Inc.		PMA Consultants, LLC		Skanska USA Building, Inc		PMA Consultants, LLC		NV5 (fka Joslin, Lesser + Associates Inc.)		Hill International Company	
Designer	Jones Whitsett Architects, Inc.		Turowski2 Architecture, Inc.		DINisco Design, Inc.		Raymond Design Associates, Inc.		Perkins Eastman/DPC		Arrowstreet Inc.		Symmes Maini & McKee Associates, Inc.		TSKP Studio, LLC		Raymond Design Associates, Inc.	
Cost Estimator	Project Management & Cost		Project Management & Cost		A M Fogarty & Associates Inc.		Ellana, Inc.		Project Management & Cost		Project Management & Cost		Miyakoda Consulting		A M Fogarty & Associates Inc.		Ellana, 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	Cost	% of Total Construction
Designer	Jones Whitsett Architects, Inc.		Turowski2 Architecture, Inc.		DINisco Design, Inc.		Raymond Design Associates, Inc.		Perkins Eastman/DPC		Arrowstreet Inc.		Symmes Maini & McKee Associates, Inc.		TSKP Studio, LLC		Raymond Design Associates, Inc.	
Basic Services																		
Feasibility Study	\$500,000	0.70%	\$377,710	0.77%	\$711,992	1.45%	\$565,000	0.87%	\$628,978	0.84%	\$950,000	1.00%	\$548,865	0.80%	\$599,700	1.10%	\$550,000	1.20%
Design Development	\$1,466,014	2.07%	\$1,134,849	2.30%	\$870,000	1.78%	\$1,200,000	1.86%	\$1,490,000	1.99%	\$2,400,000	2.52%	\$1,365,000	2.00%	\$1,263,000	2.31%	\$875,000	1.91%
Construction Contract Documents	\$2,199,021	3.10%	\$2,041,960	4.14%	\$1,960,000	4.00%	\$2,400,000	3.71%	\$2,280,000	3.04%	\$3,983,000	4.18%	\$2,730,000	4.00%	\$2,306,000	4.21%	\$1,815,000	3.97%
Bidding	\$333,185	0.47%	\$184,946	0.38%	\$147,000	0.30%	\$200,000	0.31%	\$200,000	0.27%	\$280,000	0.29%	\$340,000	0.50%	\$129,000	0.24%	\$120,000	0.26%
Construction Contract Administration	\$2,532,206	3.57%	\$1,134,608	2.30%	\$1,225,000	2.50%	\$2,100,000	3.25%	\$2,716,658	3.63%	\$1,900,000	1.99%	\$1,820,000	2.67%	\$1,150,000	2.10%	\$1,500,000	3.28%
Closeout	\$133,274	0.19%	\$120,308	0.24%	\$95,693	0.20%	\$120,000	0.19%	\$250,000	0.33%	\$87,583	0.09%	\$137,000	0.20%	\$55,000	0.10%	\$46,400	0.10%
Other Basic Services															\$25,000	0.05%		
Subtotal Designer Basic Services	\$7,163,700	10.10%	\$4,994,381	10.14%	\$5,009,685	10.23%	\$6,585,000	10.18%	\$7,565,636	10.10%	\$9,600,583	10.08%	\$6,940,865	10.17%	\$5,527,700	10.10%	\$4,906,400	10.73%
Reimbursable Services																		
Construction Testing	\$35,000	0.05%	\$120,000	0.24%														
Printing (Over Minimum)	\$10,000	0.01%	\$10,000	0.02%	\$5,000	0.01%					\$10,000	0.01%					\$25,000	0.05%
Other Reimbursable Costs	\$100,000	0.14%	\$153,600	0.31%	\$105,000	0.21%	\$20,000	0.03%	\$450,000	0.60%	\$70,000	0.07%	\$150,000	0.22%	\$100,000	0.18%	\$40,000	0.09%
Sub-Consultants																		
Hazardous Materials	\$50,000	0.07%	\$57,076	0.12%			\$25,000	0.04%	\$115,000	0.15%	\$50,000	0.05%	\$200,000	0.29%	\$150,000	0.27%	\$110,000	0.24%
Geotech & Geotech Environment	\$130,000	0.18%	\$40,975	0.08%	\$100,000	0.20%	\$110,000	0.17%	\$85,000	0.11%	\$100,000	0.10%	\$400,000	0.59%	\$25,000	0.05%	\$190,000	0.42%
Site Survey	\$50,000	0.07%	\$15,000	0.03%	\$30,000	0.06%	\$40,000	0.06%					\$20,000	0.03%	\$5,000	0.01%	\$95,000	0.21%
Wetlands	\$50,000	0.07%			\$45,000	0.09%	\$30,000	0.05%					\$5,000	0.01%			\$65,000	0.14%
Traffic Studies	\$100,000	0.14%	\$6,000	0.01%	\$15,000	0.03%	\$5,000	0.01%					\$20,000	0.03%			\$10,000	0.02%
Total Designer Fees	\$7,688,700	10.84%	\$5,397,032	10.95%	\$5,309,685	10.84%	\$6,815,000	10.54%	\$8,215,636	10.97%	\$9,830,583	10.32%	\$7,735,865	11.33%	\$5,807,700	10.61%	\$5,441,400	11.90%
Owner's Project Manager	Colliers Project Leaders NE, LLC		Hill International Company		NV5 (fka Joslin, Lesser + Associates Inc.)		CHA Consulting, Inc.		PMA Consultants, LLC		Skanska USA Building, Inc		PMA Consultants, LLC		NV5 (fka Joslin, Lesser + Associates Inc.)		Hill International Company	
Feasibility Study	\$250,000	0.35%	\$172,290	0.35%	\$180,030	0.37%	\$235,000	0.36%	\$222,236	0.30%	\$350,000	0.37%	\$219,874	0.32%	\$176,500	0.32%	\$325,000	0.71%
Design Development	\$106,000	0.15%	\$130,350	0.26%	\$180,000	0.37%	\$136,000	0.21%	\$155,000	0.21%	\$180,757	0.19%	\$70,908	0.25%	\$170,000	0.13%	\$150,000	0.33%
Construction Contract Documents	\$242,700	0.34%	\$282,180	0.57%	\$360,000	0.74%	\$238,000	0.37%	\$375,000	0.50%	\$301,262	0.32%	\$355,000	0.52%	\$131,234	0.24%	\$219,000	0.48%
Bidding	\$122,200	0.17%	\$40,720	0.08%	\$100,000	0.20%	\$80,000	0.12%			\$150,631	0.16%			\$28,682	0.05%	\$35,000	0.08%
Construction Contract Administration	\$1,525,500	2.15%	\$983,773	2.00%	\$800,000	1.63%	\$1,288,000	1.99%	\$1,804,000	2.41%	\$2,259,464	2.37%	\$1,529,400	2.24%	\$1,397,950	2.56%	\$985,000	2.15%
Closeout	\$286,395	0.40%	\$83,500	0.17%	\$74,193	0.15%	\$144,000	0.22%	\$97,030	0.13%	\$120,505	0.13%	\$129,340	0.19%	\$112,814	0.21%	\$80,000	0.17%
Extra Services									\$150,000	0.20%							\$25,000	0.05%
Other Project Manager Costs																		
Reimbursables & Other Services									\$350,000	0.47%			\$150,000	0.22%			\$10,000	0.02%
Cost Estimates	\$66,800	0.09%	\$40,000	0.08%	\$48,000	0.10%	\$164,000	0.25%	\$54,560	0.07%			\$96,800	0.14%	\$56,100	0.10%	\$50,000	0.11%
Total OPM Fees	\$2,599,595	3.66%	\$1,732,813	3.52%	\$1,742,223	3.56%	\$2,285,000	3.53%	\$3,207,826	4.28%	\$3,362,619	3.53%	\$2,650,414	3.88%	\$1,974,188	3.61%	\$1,879,000	4.11%
Total Designer and OPM Fees	\$10,288,295	14.50%	\$7,129,845	14.47%	\$7,051,908	14.40%	\$9,100,000	14.07%	\$11,423,462	15.25%	\$13,193,202	13.85%	\$10,386,279	15.22%	\$7,781,888	14.22%	\$7,320,400	16.01%
Total Construction Costs	\$70,937,000		\$49,269,791		\$48,976,932		\$64,679,981		\$74,886,581		\$95,255,831		\$68,249,754		\$54,733,011		\$45,730,728	

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

Information as of:

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. Additionally, districts may refer to their district and school names using different titles than what is shown in this report. Please contact the Districts for 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.

April 2023 Board Meeting

Date Board Approved	Apr-20		Aug-20		Oct-20		Feb-21		Apr-21		Apr-21		Jun-21		Jun-21		Aug-21	
District	Springfield		Gloucester		Ashland		Groton-Dunstable		Andover		Westwood		Swampscott		Fitchburg		Wellesley	
School Name	William N Deberry		East Gloucester ES		David Mindess		Florence Roche		West ES		Paul Hanlon		Hadley		Crocker ES		Ernest F Upham	
Project Type	Core Program		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		New Construction		New Construction		New Construction	
Enrollment	800		440		635		645		925		560		900		845		365	
GSF	155,990		90,461		104,885		109,855		191,028		113,141		153,855		115,788		80,039	
Assumed Start of Construction	Apr-22		Aug-21		Nov-21		Mar-22		Jun-22		Jul-22		Nov-23		Mar-23		Apr-23	
OPM	Skanska USA Building, Inc		CBRE/HEERY		Compass Project Management, Inc.		Leftfield, LLC		PMA Consultants, LLC		Compass Project Management, Inc.		Hill International Company		Colliers Project Leaders NE, LLC		Compass Project Management, Inc.	
Designer	DiNisco Design, Inc.		Dore & Whittier Architects, Inc.		Flansburgh Associates, Inc.		Studio G. Architects, Inc.		Symmes Maini & McKee Associates, Inc.		Dore & Whittier Architects, Inc.		LaVallee Brensinger Architects		saam architecture		Symmes Maini & McKee Associates, Inc.	
Cost Estimator	A M Fogarty & Associates Inc.		Project Management & Cost		A M Fogarty & Associates Inc.		Project Management & Cost		Miyakoda Consulting		Project Management & Cost		Project Management & Cost		CHA Consulting, 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	Cost	% of Total Construction
Designer	DiNisco Design, Inc.		Dore & Whittier Architects, Inc.		Flansburgh Associates, Inc.		Studio G. Architects, Inc.		Symmes Maini & McKee Associates, Inc.		Dore & Whittier Architects, Inc.		LaVallee Brensinger Architects		saam architecture		Symmes Maini & McKee Associates, Inc.	
Basic Services																		
Feasibility Study	\$800,000	1.03%	\$714,898	1.38%	\$740,000	1.09%	\$526,550	0.86%	\$824,230	0.69%	\$1,166,890	1.66%	\$600,000	0.77%	\$741,000	1.49%	\$1,267,710	2.28%
Design Development	\$1,790,000	2.31%	\$1,374,400	2.65%	\$1,245,100	1.84%	\$1,875,000	3.05%	\$2,415,000	2.03%	\$1,417,099	2.01%	\$1,970,000	2.53%	\$1,313,100	2.64%	\$1,070,000	1.93%
Construction Contract Documents	\$3,120,000	4.02%	\$1,334,900	2.57%	\$2,116,670	3.13%	\$1,875,000	3.05%	\$4,800,000	4.03%	\$2,156,455	3.06%	\$2,600,000	3.34%	\$1,313,100	2.64%	\$2,190,000	3.94%
Bidding	\$234,000	0.30%	\$226,800	0.44%	\$186,765	0.28%	\$625,000	1.02%	\$500,000	0.42%	\$184,839	0.26%	\$308,000	0.40%	\$218,850	0.44%	\$110,000	0.20%
Construction Contract Administration	\$1,950,000	2.51%	\$1,776,800	3.42%	\$2,199,680	3.42%	\$1,595,000	2.59%	\$3,000,000	2.52%	\$2,218,068	3.15%	\$2,135,000	2.74%	\$1,422,525	2.86%	\$1,400,000	2.52%
Closeout	\$120,152	0.15%	\$72,900	0.14%	\$186,765	0.28%	\$320,000	0.52%	\$500,000	0.42%	\$184,839	0.26%	\$230,716	0.30%	\$109,425	0.22%	\$121,000	0.22%
Other Basic Services					\$226,170	0.33%					\$179,000	0.25%					\$44,000	0.08%
Subtotal Designer Basic Services	\$8,014,152	10.32%	\$5,500,698	10.59%	\$6,901,150	10.19%	\$6,816,550	11.08%	\$12,039,230	10.10%	\$7,507,190	10.67%	\$7,843,716	10.06%	\$5,118,000	10.28%	\$6,202,710	11.16%
Reimbursable Services																		
Construction Testing					\$30,000	0.04%					\$52,500	0.07%					\$30,000	0.05%
Printing (Over Minimum)	\$10,000	0.01%	\$30,000	0.06%	\$20,000	0.03%	\$5,500	0.01%			\$10,000	0.01%	\$10,000	0.01%	\$15,000	0.03%	\$20,000	0.04%
Other Reimbursable Costs	\$102,000	0.13%	\$268,500	0.52%	\$76,350	0.11%	\$100,000	0.16%	\$100,000	0.08%	\$141,000	0.20%	\$50,000	0.06%	\$100,000	0.20%	\$50,000	0.09%
Sub-Consultants																		
Hazardous Materials	\$35,000	0.05%	\$30,000	0.06%	\$120,000	0.18%	\$62,700	0.10%	\$55,000	0.05%	\$96,800	0.14%	\$75,000	0.10%	\$125,000	0.25%	\$70,250	0.13%
Geotech & Geotech Environment	\$101,000	0.13%	\$150,000	0.29%	\$270,000	0.40%	\$247,500	0.40%	\$625,000	0.52%	\$76,800	0.11%	\$200,000	0.26%	\$10,000	0.02%	\$606,000	1.09%
Site Survey	\$35,000	0.05%	\$25,000	0.05%	\$70,000	0.10%	\$50,000	0.08%	\$40,000	0.03%			\$20,000	0.03%			\$50,000	0.09%
Wetlands			\$15,000	0.03%	\$15,000	0.02%	\$21,450	0.03%	\$15,000	0.01%	\$95,000	0.13%	\$70,000	0.09%			\$10,000	0.02%
Traffic Studies	\$30,000	0.04%	\$10,000	0.02%	\$40,000	0.06%	\$11,000	0.02%	\$45,000	0.04%			\$90,000	0.12%	\$5,000	0.01%	\$90,000	0.16%
Total Designer Fees	\$8,327,152	10.73%	\$6,029,198	11.61%	\$7,542,500	11.14%	\$7,314,700	11.89%	\$12,919,230	10.84%	\$7,979,290	11.34%	\$8,358,716	10.72%	\$5,373,000	10.79%	\$7,128,960	12.83%
Owner's Project Manager	Skanska USA Building, Inc		CBRE/HEERY		Compass Project Management, Inc.		Leftfield, LLC		PMA Consultants, LLC		Compass Project Management, Inc.		Hill International Company		Colliers Project Leaders NE, LLC		Compass Project Management, Inc.	
Feasibility Study	\$700,000	0.90%	\$285,102	0.55%	\$260,000	0.38%	\$223,450	0.36%	\$375,770	0.32%	\$444,439	0.63%	\$255,000	0.33%	\$259,000	0.52%	\$1,232,290	2.22%
Design Development	\$180,000	0.23%	\$154,066	0.30%	\$210,000	0.31%	\$225,000	0.37%	\$171,299	0.14%	\$136,359	0.19%	\$322,880	0.41%	\$96,125	0.19%	\$160,000	0.29%
Construction Contract Documents	\$320,000	0.41%	\$232,939	0.45%	\$200,000	0.30%	\$225,000	0.37%	\$308,628	0.26%	\$205,246	0.29%	\$389,448	0.50%	\$115,097	0.23%	\$210,000	0.38%
Bidding	\$130,000	0.17%	\$137,078	0.26%	\$54,000	0.08%	\$100,000	0.16%	\$9,545	0.01%	\$50,000	0.07%	\$57,208	0.07%	\$72,399	0.15%	\$40,000	0.07%
Construction Contract Administration	\$1,800,000	2.06%	\$1,301,945	2.51%	\$1,571,700	2.32%	\$2,000,000	3.25%	\$3,178,363	2.67%	\$1,521,872	2.16%	\$1,550,334	1.99%	\$1,125,279	2.26%	\$1,107,829	1.99%
Closeout	\$171,913	0.22%	\$136,347	0.26%	\$64,628	0.10%	\$175,000	0.28%	\$167,282	0.14%	\$72,200	0.10%	\$207,548	0.27%	\$170,084	0.34%	\$90,000	0.16%
Extra Services			\$136,800	0.26%														
Other Project Manager Costs																		
Reimbursables & Other Services			\$50,000	0.10%	\$5,005	0.01%	\$50,000	0.08%			\$5,000	0.01%					\$5,000	0.01%
Cost Estimates			\$43,260	0.08%	\$50,000	0.07%			\$112,000	0.09%	\$60,000	0.09%			\$75,000	0.15%		
Total OPM Fees	\$3,101,913	4.00%	\$2,477,537	4.77%	\$2,415,333	3.57%	\$2,998,450	4.87%	\$4,322,887	3.63%	\$2,495,116	3.55%	\$2,782,418	3.57%	\$1,912,984	3.84%	\$2,845,119	5.12%
Total Designer and OPM Fees	\$11,429,065	14.72%	\$8,506,735	16.38%	\$9,957,833	14.70%	\$10,313,150	16.76%	\$17,242,117	14.47%	\$10,474,406	14.88%	\$11,141,134	14.30%	\$7,285,984	14.64%	\$9,974,079	17.95%
Total Construction Costs	\$77,641,520		\$51,925,531		\$67,725,296		\$61,541,339		\$119,178,907		\$70,380,680		\$77,937,159		\$49,774,500		\$55,569,898	

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

Information as of:

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April 2023 Board Meeting

Date Board Approved	Oct-21		Oct-21		Oct-21		Oct-21		Aug-22			
District	Lawrence		Peabody		Randolph		Westfield		Hingham			
School Name	Francis M Leahy		William A Welch Sr		Elizabeth G Lyons ES		Franklin Ave		Wm L Foster ES			
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program			
Project Scope	New Construction		Addition / Renovation		New Construction		New Construction		New Construction			
Enrollment	1,000		390		315		395		605			
GSF	173,520		59,025		74,720		88,495		126,385			
Assumed Start of Construction	May-23		May-22		Mar-23				Dec-22			
OPM	Atlantic Construction and Management, Inc.		Dore & Whittier Management Partners, Inc.		CHA Consulting, Inc.		P3 Inc.		PMA Consultants, LLC		TOTAL - ALL ELEMENTARY SCHOOLS	
Designer	Mount Vernon Group Architects, Inc.		DINisco Design, Inc.		TSKP Studio, LLC		Caolo & Bieniek Associates, Inc.		Raymond Design Associates, Inc.			
Cost Estimator	Fennessy Consulting Services		A M Fogarty & Associates Inc.		A M Fogarty & Associates Inc.		A M Fogarty & Associates Inc.		Ellana, 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
Designer	Mount Vernon Group Architects, Inc.		DINisco Design, Inc.		TSKP Studio, LLC		Caolo & Bieniek Associates, Inc.		Raymond Design Associates, Inc.			
Basic Services												
<i>Feasibility Study</i>	\$986,495	1.21%	\$659,583	2.82%	\$656,577	1.58%	\$460,000	0.91%	\$820,000	0.93%	\$37,405,263	1.22%
<i>Design Development</i>	\$1,697,625	2.07%	\$160,000	0.69%	\$990,000	2.38%	\$1,146,084	2.27%	\$1,643,252	1.86%	\$64,965,285	2.13%
<i>Construction Contract Documents</i>	\$2,970,844	3.63%	\$880,000	3.77%	\$1,200,000	2.89%	\$1,850,935	3.67%	\$3,013,853	3.42%	\$109,209,543	3.57%
<i>Bidding</i>	\$320,408	0.39%	\$66,000	0.28%	\$80,000	0.19%	\$120,255	0.24%	\$197,335	0.22%	\$11,076,224	0.36%
<i>Construction Contract Administration</i>	\$2,482,653	3.03%	\$550,000	2.36%	\$1,100,000	2.65%	\$1,352,545	2.68%	\$2,841,624	3.22%	\$81,248,173	2.66%
<i>Closeout</i>	\$100,000	0.12%	\$44,000	0.19%	\$80,000	0.19%	\$113,181	0.22%	\$197,335	0.22%	\$6,871,707	0.22%
<i>Other Basic Services</i>											\$2,483,305	0.08%
Subtotal Designer Basic Services	\$8,558,025	10.46%	\$2,359,583	10.11%	\$4,106,577	9.88%	\$5,043,000	10.00%	\$8,713,399	9.89%	\$313,259,500	10.25%
Reimbursable Services												
<i>Construction Testing</i>							\$50,000	0.10%			\$1,319,500	0.04%
<i>Printing (Over Minimum)</i>	\$45,000	0.05%	\$10,000	0.04%	\$15,000	0.04%					\$982,600	0.03%
<i>Other Reimbursable Costs</i>	\$40,000	0.05%	\$31,500	0.13%	\$60,000	0.14%			\$1,100,000	1.25%	\$5,607,360	0.18%
Sub-Consultants												
<i>Hazardous Materials</i>	\$104,000	0.13%	\$43,000	0.18%			\$150,000	0.30%	\$575,000	0.65%	\$4,530,256	0.15%
<i>Geotech & Geotech Environment</i>	\$134,000	0.16%	\$82,500	0.35%	\$10,000	0.02%	\$25,000	0.05%	\$1,450,000	1.65%	\$8,330,895	0.27%
<i>Site Survey</i>	\$10,000	0.01%	\$11,000	0.05%			\$25,000	0.05%	\$75,000	0.09%	\$1,574,970	0.05%
<i>Wetlands</i>	\$43,000	0.05%	\$35,000	0.15%					\$300,000	0.34%	\$1,636,950	0.05%
<i>Traffic Studies</i>	\$30,000	0.04%	\$22,000	0.09%	\$17,600	0.04%	\$100,000	0.20%	\$75,000	0.09%	\$1,479,670	0.05%
Total Designer Fees	\$8,964,025	10.95%	\$2,594,583	11.11%	\$4,209,177	10.12%	\$5,393,000	10.69%	\$12,288,399	13.95%	\$338,721,701	11.09%
Owner's Project Manager	Atlantic Construction and Management, Inc.		Dore & Whittier Management Partners, Inc.		CHA Consulting, Inc.		P3 Inc.		PMA Consultants, LLC			
<i>Feasibility Study</i>	\$531,000	0.65%	\$540,417	2.31%	\$297,500	0.72%	\$440,000	0.87%	\$280,000	0.32%	\$16,310,123	0.53%
<i>Design Development</i>	\$240,000	0.29%	\$84,175	0.36%	\$190,000	0.46%	\$100,000	0.20%	\$250,000	0.28%	\$7,456,231	0.24%
<i>Construction Contract Documents</i>	\$480,000	0.59%	\$184,458	0.79%	\$190,000	0.46%	\$212,000	0.42%	\$409,379	0.46%	\$12,056,226	0.39%
<i>Bidding</i>	\$86,700	0.11%			\$30,000	0.07%	\$60,000	0.12%			\$3,300,743	0.11%
<i>Construction Contract Administration</i>	\$2,048,000	2.50%	\$747,878	3.20%	\$650,000	1.56%	\$900,000	1.78%	\$1,920,865	2.18%	\$70,928,544	2.32%
<i>Closeout</i>	\$312,200	0.38%	\$98,204	0.42%	\$45,000	0.11%	\$55,000	0.11%	\$162,446	0.18%	\$5,990,239	0.20%
<i>Extra Services</i>					\$40,000	0.10%			\$350,000	0.40%	\$1,945,717	0.06%
<i>Other Project Manager Costs</i>											\$1,000	0.00%
<i>Reimbursables & Other Services</i>									\$375,000	0.43%	\$2,020,904	0.07%
<i>Cost Estimates</i>					\$97,300	0.23%	\$70,000	0.14%	\$150,000	0.17%	\$2,505,012	0.08%
Total OPM Fees	\$3,697,900	4.52%	\$1,655,132	7.09%	\$1,539,800	3.70%	\$1,837,000	3.64%	\$3,897,690	4.42%	\$122,514,739	4.01%
Total Designer and OPM Fees	\$12,661,925	15.47%	\$4,249,715	18.20%	\$5,748,977	13.83%	\$7,230,000	14.34%	\$16,186,089	18.37%	\$461,236,440	15.10%
Total Construction Costs	\$81,846,297		\$23,348,836		\$41,576,611		\$50,430,464		\$88,114,851		\$3,055,105,085	