

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

Information as of:  
April 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			
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
<b>Designer</b>			<b>Jones Whitsett Architects, Inc.</b>		<b>Drumme Rosane Anderson, Inc.</b>		<b>Mount Vernon Group Architects, Inc.</b>		<b>Dore &amp; Whittier Architects, Inc.</b>		<b>HMFH Architects, Inc.</b>		<b>Lamoureux Pagano &amp; Associates, Inc.</b>	
<b>Basic Services</b>														
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%				
<b>Subtotal Designer Basic Services</b>	<b>\$1,587,035</b>	<b>7.37%</b>	<b>\$2,275,000</b>	<b>10.55%</b>	<b>\$3,304,000</b>	<b>9.75%</b>	<b>\$3,241,000</b>	<b>9.21%</b>	<b>\$3,391,480</b>	<b>11.31%</b>	<b>\$4,893,677</b>	<b>10.11%</b>	<b>\$2,190,500</b>	<b>12.02%</b>
<b>Reimbursable Services</b>														
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%
<b>Sub-Consultants</b>														
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%		
<b>Total Designer Fees</b>	<b>\$1,703,395</b>	<b>7.91%</b>	<b>\$2,520,000</b>	<b>11.69%</b>	<b>\$3,609,000</b>	<b>10.65%</b>	<b>\$3,471,000</b>	<b>9.86%</b>	<b>\$3,749,120</b>	<b>12.50%</b>	<b>\$5,208,677</b>	<b>10.77%</b>	<b>\$2,340,500</b>	<b>12.84%</b>
<b>Owner's Project Manager</b>	<b>KBA/Mary Mahoney Partnership</b>		<b>Arcadis U.S., Inc.</b>		<b>Hill International Company</b>		<b>Symmes Maini &amp; McKee Associates</b>		<b>Knight, Bagge &amp; Anderson Inc.</b>		<b>Joslin, Lesser + Associates Inc.</b>		<b>Colliers International</b>	
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%
<b>Total OPM Fees</b>	<b>\$395,350</b>	<b>1.84%</b>	<b>\$1,006,729</b>	<b>4.67%</b>	<b>\$1,317,400</b>	<b>3.89%</b>	<b>\$1,324,000</b>	<b>3.76%</b>	<b>\$1,218,842</b>	<b>4.06%</b>	<b>\$1,712,274</b>	<b>3.54%</b>	<b>\$930,803</b>	<b>5.11%</b>
<b>Total Designer and OPM Fees</b>	<b>\$2,098,745</b>	<b>9.75%</b>	<b>\$3,526,729</b>	<b>16.35%</b>	<b>\$4,926,400</b>	<b>14.53%</b>	<b>\$4,795,000</b>	<b>13.63%</b>	<b>\$4,967,962</b>	<b>16.56%</b>	<b>\$6,920,951</b>	<b>14.30%</b>	<b>\$3,271,303</b>	<b>17.95%</b>
<b>Total Construction Costs</b>	<b>\$21,528,000</b>		<b>\$21,563,821</b>		<b>\$33,897,336</b>		<b>\$35,191,363</b>		<b>\$29,995,466</b>		<b>\$48,381,844</b>		<b>\$18,224,600</b>	

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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
<b>Designer</b>	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.	
<b>Basic Services</b>																
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%								
<b>Subtotal Designer Basic Services</b>	<b>\$4,730,128</b>	<b>10.16%</b>	<b>\$2,857,887</b>	<b>10.58%</b>	<b>\$10,279,422</b>	<b>11.14%</b>	<b>\$3,336,938</b>	<b>11.20%</b>	<b>\$3,724,412</b>	<b>10.60%</b>	<b>\$4,247,443</b>	<b>10.77%</b>	<b>\$4,070,226</b>	<b>11.14%</b>	<b>\$2,877,000</b>	<b>10.88%</b>
<b>Reimbursable Services</b>																
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%
<b>Sub-Consultants</b>																
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%
<b>Total Designer Fees</b>	<b>\$5,081,128</b>	<b>10.92%</b>	<b>\$3,295,887</b>	<b>12.20%</b>	<b>\$11,138,797</b>	<b>12.08%</b>	<b>\$3,440,738</b>	<b>11.55%</b>	<b>\$3,926,412</b>	<b>11.17%</b>	<b>\$4,587,443</b>	<b>11.63%</b>	<b>\$4,530,226</b>	<b>12.40%</b>	<b>\$3,077,000</b>	<b>11.63%</b>
<b>Owner's Project Manager</b>	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%
<b>Total OPM Fees</b>	<b>\$1,915,872</b>	<b>4.12%</b>	<b>\$1,085,599</b>	<b>4.02%</b>	<b>\$3,480,000</b>	<b>3.77%</b>	<b>\$932,500</b>	<b>3.13%</b>	<b>\$1,404,576</b>	<b>4.00%</b>	<b>\$1,732,408</b>	<b>4.39%</b>	<b>\$1,478,568</b>	<b>4.05%</b>	<b>\$1,300,000</b>	<b>4.91%</b>
<b>Total Designer and OPM Fees</b>	<b>\$6,997,000</b>	<b>15.03%</b>	<b>\$4,381,486</b>	<b>16.22%</b>	<b>\$14,618,797</b>	<b>15.85%</b>	<b>\$4,373,238</b>	<b>14.68%</b>	<b>\$5,330,988</b>	<b>15.17%</b>	<b>\$6,319,851</b>	<b>16.02%</b>	<b>\$6,008,794</b>	<b>16.45%</b>	<b>\$4,377,000</b>	<b>16.55%</b>
<b>Total Construction Costs</b>	<b>\$46,546,300</b>		<b>\$27,017,841</b>		<b>\$92,237,854</b>		<b>\$29,792,732</b>		<b>\$35,140,982</b>		<b>\$39,443,454</b>		<b>\$36,522,000</b>		<b>\$26,453,000</b>	

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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
<b>Designer</b>	<b>Knight, Bagge &amp; Anderson, Inc.</b>		<b>Dore &amp; Whittier Architects, Inc.</b>		<b>Mount Vernon Group Architects, Inc.</b>		<b>Flansburgh Associates, Inc.</b>		<b>DiNisco Design Partnership, Limited</b>		<b>Tappe Associates, Inc.</b>		<b>Dore &amp; Whittier Architects, Inc.</b>		<b>DiNisco Design, Inc.</b>	
<b>Basic Services</b>																
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%				
<b>Subtotal Designer Basic Services</b>	<b>\$2,671,000</b>	<b>11.51%</b>	<b>\$4,732,000</b>	<b>10.41%</b>	<b>\$2,575,662</b>	<b>9.88%</b>	<b>\$3,231,037</b>	<b>10.45%</b>	<b>\$2,785,567</b>	<b>10.62%</b>	<b>\$4,317,351</b>	<b>10.14%</b>	<b>\$3,482,681</b>	<b>11.54%</b>	<b>\$4,295,000</b>	<b>11.85%</b>
<b>Reimbursable Services</b>																
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%		
<b>Sub-Consultants</b>																
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%
<b>Total Designer Fees</b>	<b>\$3,119,800</b>	<b>13.44%</b>	<b>\$5,371,000</b>	<b>11.81%</b>	<b>\$2,821,662</b>	<b>10.82%</b>	<b>\$3,676,037</b>	<b>11.89%</b>	<b>\$2,992,567</b>	<b>11.41%</b>	<b>\$4,612,351</b>	<b>10.83%</b>	<b>\$3,718,781</b>	<b>12.32%</b>	<b>\$4,515,000</b>	<b>12.45%</b>
<b>Owner's Project Manager</b>	<b>Construction Monitoring Services, Inc.</b>				<b>P3 Inc.</b>		<b>Symmes Maini &amp; McKee Associates, Inc.</b>		<b>Joslin, Lesser + Associates Inc.</b>		<b>Compass Project Management, Inc.</b>		<b>Pinck &amp; Co., Inc.</b>		<b>NV5 (fka Joslin, Lesser + Associates Inc.)</b>	
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%				
<b>Total OPM Fees</b>	<b>\$1,081,220</b>	<b>4.66%</b>	<b>\$1,680,000</b>	<b>3.70%</b>	<b>\$1,055,400</b>	<b>4.05%</b>	<b>\$1,394,863</b>	<b>4.51%</b>	<b>\$1,111,192</b>	<b>4.24%</b>	<b>\$1,756,457</b>	<b>4.12%</b>	<b>\$1,430,457</b>	<b>4.74%</b>	<b>\$1,744,000</b>	<b>4.81%</b>
<b>Total Designer and OPM Fees</b>	<b>\$4,201,020</b>	<b>18.10%</b>	<b>\$7,051,000</b>	<b>15.51%</b>	<b>\$3,877,062</b>	<b>14.87%</b>	<b>\$5,070,900</b>	<b>16.41%</b>	<b>\$4,103,759</b>	<b>15.64%</b>	<b>\$6,368,808</b>	<b>14.95%</b>	<b>\$5,149,238</b>	<b>17.06%</b>	<b>\$6,259,000</b>	<b>17.27%</b>
<b>Total Construction Costs</b>	<b>\$23,213,553</b>		<b>\$45,465,414</b>		<b>\$26,075,672</b>		<b>\$30,910,366</b>		<b>\$26,231,698</b>		<b>\$42,591,393</b>		<b>\$30,191,749</b>		<b>\$36,250,776</b>	

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

Information as of:  
April 2019  
Board Meeting

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Date Board Approved	Aug-17		Feb-18		Feb-18		Apr-18		Apr-18		Aug-18		Aug-18		Aug-18	
District	Lexington		Ludlow		Taunton		Marlborough		Harvard		Easthampton		Manchester Essex Regional		Springfield	
School Name	Maria Hastings		Chapin Street ES		Mulcahey ES		Richer		Hildreth ES		Maple		Manchester Memorial ES		Brightwood	
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 - Model School		New Construction		New Construction		New Construction		New Construction	
Enrollment	645		630		735		610		445		1,010		335		800	
GSF	110,000		106,250		119,693		111,437		85,214		177,370		77,102		150,500	
Assumed Start of Construction	Sep-18		Jun-19		Jan-19		Dec-18		Jun-19		Dec-19		Jun-19		May-19	
OPM	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.		Skanska USA Building, Inc	
Designer	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		DiNisco Design, Inc.	
Cost Estimator	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		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
<b>Designer</b>	<b>DiNisco Design, Inc.</b>		<b>Mount Vernon Group Architects, Inc.</b>		<b>Dore &amp; Whittier Architect, Inc.</b>		<b>Mount Vernon Group Architects, Inc.</b>		<b>Arrowstreet Inc.</b>		<b>Caolo &amp; Bieniek Associates, Inc.</b>		<b>JCJ Architecture, PC</b>		<b>DiNisco Design, Inc.</b>	
<b>Basic Services</b>																
Feasibility Study	\$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%	\$700,000	1.05%
Design Development	\$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%	\$1,450,000	2.17%
Construction Contract Documents	\$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%	\$2,600,000	3.88%
Bidding	\$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%	\$195,000	0.29%
Construction Contract Administration	\$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%	\$1,819,120	2.72%
Closeout	\$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%	\$130,000	0.19%
Other Basic Services			\$325,000	0.71%			\$200,000	0.42%								
<b>Subtotal Designer Basic Services</b>	<b>\$5,056,000</b>	<b>9.54%</b>	<b>\$4,641,295</b>	<b>10.14%</b>	<b>\$5,080,516</b>	<b>10.15%</b>	<b>\$2,948,592</b>	<b>6.16%</b>	<b>\$4,399,904</b>	<b>10.23%</b>	<b>\$9,112,200</b>	<b>10.11%</b>	<b>\$5,072,500</b>	<b>12.33%</b>	<b>\$6,894,120</b>	<b>10.30%</b>
<b>Reimbursable Services</b>																
Construction Testing	\$60,000	0.11%	\$40,000	0.09%			\$100,000	0.21%			\$50,000	0.06%				
Printing (Over Minimum)	\$30,000	0.06%	\$40,000	0.09%	\$10,000	0.02%	\$30,000	0.06%			\$10,000	0.01%			\$10,000	0.01%
Other Reimbursable Costs	\$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%	\$70,000	0.10%
<b>Sub-Consultants</b>																
Hazardous Materials	\$35,000	0.07%	\$20,000	0.04%	\$100,000	0.20%			\$65,000	0.15%	\$75,000	0.08%	\$84,700	0.21%		
Geotech & Geotech Environment	\$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%	\$84,120	0.13%
Site Survey	\$20,000	0.04%	\$5,000	0.01%			\$45,000	0.09%	\$10,000	0.02%	\$40,000	0.04%			\$10,000	0.01%
Wetlands			\$20,000	0.04%			\$40,000	0.08%	\$10,000	0.02%	\$30,000	0.03%				
Traffic Studies	\$17,000	0.03%			\$25,000	0.05%			\$15,000	0.03%	\$50,000	0.06%			\$20,000	0.03%
<b>Total Designer Fees</b>	<b>\$5,360,000</b>	<b>10.12%</b>	<b>\$4,886,295</b>	<b>10.68%</b>	<b>\$5,585,516</b>	<b>11.15%</b>	<b>\$3,243,592</b>	<b>6.78%</b>	<b>\$4,674,904</b>	<b>10.87%</b>	<b>\$9,477,200</b>	<b>10.52%</b>	<b>\$5,273,440</b>	<b>12.82%</b>	<b>\$7,088,240</b>	<b>10.59%</b>
<b>Owner's Project Manager</b>	<b>Dore &amp; Whittier Management Partners, Inc.</b>		<b>STV   DPM (fka STV Inc.)</b>		<b>CGA Project Management</b>		<b>Daedalus Projects Inc</b>		<b>NV5 (fka Joslin, Lesser + Associates Inc.)</b>		<b>Colliers International</b>		<b>Dore &amp; Whittier Management Partners, Inc.</b>		<b>Skanska USA Building, Inc</b>	
Feasibility Study	\$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%	\$300,000	0.45%
Design Development	\$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%	\$150,000	0.22%
Construction Contract Documents	\$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%	\$300,000	0.45%
Bidding	\$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%	\$100,000	0.15%
Construction Contract Administration	\$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%	\$1,425,000	2.13%
Closeout	\$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%	\$120,592	0.18%
Extra Services	\$60,000	0.11%	\$60,000	0.13%			\$15,000	0.03%								
Other Project Manager Costs																
Reimbursables & Other Services	\$5,000	0.01%			\$5,000	0.01%										
Cost Estimates	\$25,000	0.05%	\$40,000	0.09%	\$60,000	0.12%					\$64,000	0.07%				
<b>Total OPM Fees</b>	<b>\$2,040,000</b>	<b>3.85%</b>	<b>\$1,690,665</b>	<b>3.70%</b>	<b>\$1,695,182</b>	<b>3.39%</b>	<b>\$1,437,000</b>	<b>3.00%</b>	<b>\$1,496,000</b>	<b>3.48%</b>	<b>\$3,247,188</b>	<b>3.60%</b>	<b>\$2,118,276</b>	<b>5.15%</b>	<b>\$2,395,592</b>	<b>3.58%</b>
<b>Total Designer and OPM Fees</b>	<b>\$7,400,000</b>	<b>13.97%</b>	<b>\$6,576,960</b>	<b>14.37%</b>	<b>\$7,280,698</b>	<b>14.54%</b>	<b>\$4,680,592</b>	<b>9.79%</b>	<b>\$6,170,904</b>	<b>14.35%</b>	<b>\$12,724,388</b>	<b>14.12%</b>	<b>\$7,391,716</b>	<b>17.97%</b>	<b>\$9,483,832</b>	<b>14.17%</b>
<b>Total Construction Costs</b>	<b>\$52,973,418</b>		<b>\$45,754,614</b>		<b>\$50,074,205</b>		<b>\$47,831,946</b>		<b>\$42,999,041</b>		<b>\$90,122,000</b>		<b>\$41,142,104</b>		<b>\$66,941,200</b>	

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

Information as of:  
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Date Board Approved	Dec-18			
District	Danvers			
School Name	Ivan G Smith			
Project Type	Core Program			
Project Scope	New Construction			
Enrollment	465			
GSF	82,728			
Assumed Start of Construction	Jun-19			
OPM	PMA Construction Services			
Designer	Tappe Associates, Inc.			
Cost Estimator	Project Management & Cost			
Description	Cost	% of Total Construction	Cost	% of Total Construction
<b>Designer</b>	<b>Tappe Associates, Inc.</b>			
<b>Basic Services</b>				
<i>Feasibility Study</i>	\$555,485	1.32%	\$19,153,955	1.49%
<i>Design Development</i>	\$746,000	1.77%	\$26,915,862	2.10%
<i>Construction Contract Documents</i>	\$1,305,500	3.10%	\$45,017,603	3.51%
<i>Bidding</i>	\$186,500	0.44%	\$4,930,149	0.38%
<i>Construction Contract Administration</i>	\$1,119,000	2.66%	\$32,376,166	2.52%
<i>Closeout</i>	\$373,000	0.89%	\$2,986,488	0.23%
<i>Other Basic Services</i>			\$1,206,835	0.09%
<b>Subtotal Designer Basic Services</b>	<b>\$4,285,485</b>	<b>10.19%</b>	<b>\$132,587,058</b>	<b>10.34%</b>
<b>Reimbursable Services</b>				
<i>Construction Testing</i>			\$1,317,000	0.10%
<i>Printing (Over Minimum)</i>	\$15,000	0.04%	\$737,100	0.06%
<i>Other Reimbursable Costs</i>			\$1,804,040	0.14%
<b>Sub-Consultants</b>				
<i>Hazardous Materials</i>	\$50,500	0.12%	\$1,760,100	0.14%
<i>Geotech &amp; Geotech Environment</i>	\$30,000	0.07%	\$2,503,495	0.20%
<i>Site Survey</i>	\$50,000	0.12%	\$693,030	0.05%
<i>Wetlands</i>	\$20,000	0.05%	\$612,000	0.05%
<i>Traffic Studies</i>	\$3,000	0.01%	\$535,870	0.04%
<b>Total Designer Fees</b>	<b>\$4,453,985</b>	<b>10.59%</b>	<b>\$142,549,693</b>	<b>11.11%</b>
<b>Owner's Project Manager</b>	<b>PMA Construction Services</b>			
<i>Feasibility Study</i>	\$230,610	0.55%	\$6,593,478	0.51%
<i>Design Development</i>	\$49,460	0.12%	\$2,995,185	0.23%
<i>Construction Contract Documents</i>	\$227,585	0.54%	\$4,629,663	0.36%
<i>Bidding</i>			\$1,716,943	0.13%
<i>Construction Contract Administration</i>	\$830,200	1.97%	\$29,781,936	2.32%
<i>Closeout</i>	\$70,355	0.17%	\$2,363,852	0.18%
<i>Extra Services</i>	\$50,000	0.12%	\$613,917	0.05%
<i>Other Project Manager Costs</i>			\$57,250	0.00%
<i>Reimbursables &amp; Other Services</i>	\$120,000	0.29%	\$470,899	0.04%
<i>Cost Estimates</i>	\$25,000	0.06%	\$988,500	0.08%
<b>Total OPM Fees</b>	<b>\$1,603,210</b>	<b>3.81%</b>	<b>\$50,211,623</b>	<b>3.91%</b>
<b>Total Designer and OPM Fees</b>	<b>\$6,057,195</b>	<b>14.40%</b>	<b>\$192,761,316</b>	<b>15.03%</b>
<b>Total Construction Costs</b>	<b>\$42,074,273</b>		<b>\$1,282,780,015</b>	