

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

**High Schools**

Information as of:  
**October 2020**  
**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	Sep-12		Mar-13		Jul-13		Sep-13		Mar-14		Jun-14		Jul-14	
District	Greater Lowell Voc Tec		Winchester		North Middlesex		Winthrop		Georgetown		Lunenburg		Holbrook	
School Name	Gr Lowell Reg Voc Tech		Winchester HS		North MSsex Reg		Winthrop Sr HS		Georgetown HS		Lunenburg HS		Holbrook Jr Sr HS	
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program	
Project Scope	Addition / Renovation		Addition / Renovation		New Construction		New Construction		Renovation		New Construction		New Construction	
Enrollment	1,990		1,370		870		970		720		820		1,095	
GSF	505,766		288,840		180,530		187,917		128,670		169,018		217,353	
Assumed Start of Construction	Apr-14		Jun-14		May-15		Jul-14		Apr-15		May-14		Jun-15	
OPM	Joslin, Lesser + Associates Inc.		Skanska USA Building, Inc		HEERY		Skanska USA Building, Inc		Municipal Building Consultants, Inc.		NV5 (fka Joslin, Lesser + Associates Inc.)		Symmes Maini & McKee Associates, Inc.	
Designer	Knight, Bagge & Anderson, Inc.		Symmes Maini & McKee Associates, Inc.		Symmes Maini & McKee Associates, Inc.		HMFH Architects, Inc.		Drumme Rosane Anderson, Inc.		Tappe Associates, Inc.		Flansburgh Associates, Inc.	
Cost Estimator	Atlantic Construction and Management, Inc.		A M Fogarty & Associates Inc.		Project Management & Cost		Project Management & Cost		Rider Levett Bucknall		Project Management & Cost		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
<b>Designer</b>	<b>Knight, Bagge &amp; Anderson, Inc.</b>		<b>Symmes Maini &amp; McKee Associates, Inc.</b>		<b>Symmes Maini &amp; McKee Associates, Inc.</b>		<b>HMFH Architects, Inc.</b>		<b>Drumme Rosane Anderson, Inc.</b>		<b>Tappe Associates, Inc.</b>		<b>Flansburgh Associates, Inc.</b>	
<b>Basic Services</b>														
<i>Feasibility Study</i>	\$678,305	1.28%	\$1,050,000	1.04%	\$695,000	1.01%	\$586,000	0.92%	\$53,030	0.90%	\$446,057	0.75%	\$550,000	0.69%
<i>Design Development</i>	\$1,263,583	2.38%	\$1,685,000	1.67%	\$1,260,000	1.83%	\$1,633,500	2.57%	\$187,500	3.20%	\$689,250	1.16%	\$1,730,000	2.17%
<i>Construction Contract Documents</i>	\$1,886,220	3.55%	\$3,458,700	3.43%	\$2,650,000	3.85%	\$2,420,000	3.81%	\$250,000	4.27%	\$1,608,250	2.70%	\$2,550,000	3.19%
<i>Bidding</i>	\$242,514	0.46%	\$465,000	0.46%	\$316,000	0.46%	\$151,250	0.24%	\$31,250	0.53%	\$229,750	0.39%	\$330,000	0.41%
<i>Construction Contract Administration</i>	\$1,239,516	2.33%	\$3,420,000	3.39%	\$2,023,000	2.94%	\$1,293,188	2.04%	\$148,400	2.53%	\$1,608,250	2.70%	\$2,450,000	3.07%
<i>Closeout</i>	\$134,730	0.25%	\$113,500	0.11%	\$63,000	0.09%	\$68,063	0.11%	\$7,850	0.13%	\$459,500	0.77%	\$200,000	0.25%
<i>Other Basic Services</i>			\$150,000	0.15%	\$385,000	0.56%							\$300,000	0.38%
<b>Subtotal Designer Basic Services</b>	<b>\$5,444,868</b>	<b>10.24%</b>	<b>\$10,342,200</b>	<b>10.25%</b>	<b>\$7,392,000</b>	<b>10.74%</b>	<b>\$6,152,001</b>	<b>9.68%</b>	<b>\$678,030</b>	<b>11.57%</b>	<b>\$5,041,057</b>	<b>8.46%</b>	<b>\$8,110,000</b>	<b>10.16%</b>
<b>Reimbursable Services</b>														
<i>Construction Testing</i>							\$214,500	0.34%					\$25,000	0.03%
<i>Printing (Over Minimum)</i>	\$75,000	0.14%	\$50,000	0.05%	\$76,000	0.11%	\$25,000	0.04%	\$25,000	0.43%			\$120,000	0.15%
<i>Other Reimbursable Costs</i>	\$50,000	0.09%	\$41,300	0.04%					\$15,000	0.26%	\$15,000	0.03%	\$180,000	0.23%
<b>Sub-Consultants</b>														
<i>Hazardous Materials</i>	\$90,035	0.17%	\$235,000	0.23%	\$210,000	0.31%	\$41,200	0.06%	\$20,000	0.34%	\$150,000	0.25%	\$240,000	0.30%
<i>Geotech &amp; Geotech Environment</i>	\$10,000	0.02%	\$170,000	0.17%	\$140,000	0.20%	\$66,000	0.10%	\$15,000	0.26%	\$175,000	0.29%	\$200,000	0.25%
<i>Site Survey</i>	\$13,700	0.03%	\$5,000	0.00%	\$10,000	0.01%	\$1,000	0.00%	\$25,000	0.43%	\$30,000	0.05%	\$80,000	0.10%
<i>Wetlands</i>			\$5,000	0.00%	\$10,000	0.01%	\$3,000	0.00%	\$3,000	0.05%	\$10,000	0.02%	\$80,000	0.10%
<i>Traffic Studies</i>					\$55,000	0.08%					\$10,000	0.02%	\$100,000	0.13%
<b>Total Designer Fees</b>	<b>\$5,683,603</b>	<b>10.69%</b>	<b>\$10,848,500</b>	<b>10.75%</b>	<b>\$7,893,000</b>	<b>11.47%</b>	<b>\$6,502,701</b>	<b>10.23%</b>	<b>\$781,030</b>	<b>13.33%</b>	<b>\$5,431,057</b>	<b>9.12%</b>	<b>\$9,135,000</b>	<b>11.44%</b>
<b>Owner's Project Manager</b>	<b>Joslin, Lesser + Associates Inc.</b>		<b>Skanska USA Building, Inc</b>		<b>HEERY</b>		<b>Skanska USA Building, Inc</b>		<b>Municipal Building Consultants, Inc.</b>		<b>NV5 (fka Joslin, Lesser + Associates Inc.)</b>		<b>Symmes Maini &amp; McKee Associates, Inc.</b>	
<i>Feasibility Study</i>	\$146,695	0.28%	\$250,000	0.25%	\$245,000	0.36%	\$314,000	0.49%	\$31,970	0.55%	\$173,000	0.29%	\$246,272	0.31%
<i>Design Development</i>	\$105,000	0.20%	\$170,000	0.17%	\$127,500	0.19%	\$290,000	0.46%			\$129,000	0.22%	\$254,666	0.32%
<i>Construction Contract Documents</i>	\$225,000	0.42%	\$190,000	0.19%	\$285,000	0.41%	\$265,000	0.42%	\$54,300	0.93%	\$195,000	0.33%	\$382,226	0.48%
<i>Bidding</i>	\$50,000	0.09%	\$115,000	0.11%			\$150,000	0.24%	\$14,480	0.25%	\$100,000	0.17%	\$138,889	0.17%
<i>Construction Contract Administration</i>	\$1,245,000	2.34%	\$2,706,000	2.68%	\$3,162,748	4.60%	\$1,250,000	1.97%	\$213,940	3.65%	\$1,365,000	2.29%	\$1,802,699	2.26%
<i>Closeout</i>	\$50,000	0.09%	\$161,500	0.16%			\$75,000	0.12%	\$32,640	0.56%	\$65,000	0.11%	\$61,004	0.08%
<i>Extra Services</i>			\$50,000	0.05%	\$144,112	0.21%							\$100,000	0.13%
<i>Other Project Manager Costs</i>														
<i>Reimbursables &amp; Other Services</i>	\$46,000	0.09%			\$20,000	0.03%							\$40,000	0.05%
<i>Cost Estimates</i>	\$60,000	0.11%			\$112,500	0.16%	\$125,000	0.20%	\$18,000	0.31%			\$100,000	0.13%
<b>Total OPM Fees</b>	<b>\$1,927,695</b>	<b>3.63%</b>	<b>\$3,642,500</b>	<b>3.61%</b>	<b>\$4,096,860</b>	<b>5.95%</b>	<b>\$2,469,000</b>	<b>3.89%</b>	<b>\$365,330</b>	<b>6.23%</b>	<b>\$2,027,000</b>	<b>3.40%</b>	<b>\$3,125,756</b>	<b>3.92%</b>
<b>Total Designer and OPM Fees</b>	<b>\$7,611,298</b>	<b>14.32%</b>	<b>\$14,491,000</b>	<b>14.36%</b>	<b>\$11,989,860</b>	<b>17.42%</b>	<b>\$8,971,701</b>	<b>14.12%</b>	<b>\$1,146,360</b>	<b>19.56%</b>	<b>\$7,458,057</b>	<b>12.52%</b>	<b>\$12,260,756</b>	<b>15.36%</b>
<b>Total Construction Costs</b>	<b>\$53,165,631</b>		<b>\$100,935,610</b>		<b>\$68,829,726</b>		<b>\$63,542,179</b>		<b>\$5,861,090</b>		<b>\$59,570,728</b>		<b>\$79,835,240</b>	

**DESIGNER AND OPM Fees [ON OR AFTER JANUARY 1, 2014]  
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Date Board Approved	Jul-14		Jun-15		Jan-16		Jan-16		May-16		Feb-17		Jun-17	
District	Plymouth		Pittsfield		Minuteman Voc Tech		Billerica		Stoughton		Somerville		Saugus	
School Name	Plymouth South HS		Taonic HS		Minuteman Regional HS		Billerica Memorial HS		Stoughton HS		Somerville HS		Saugus HS	
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		Addition / Renovation		New Construction	
Enrollment	1,005		920		628		1,610		1,065		1,590		1,360	
GSF	248,081		246,520		258,332		325,191		214,860		369,496		269,070	
Assumed Start of Construction	Jul-15		Jan-16		Aug-17		17-Feb		Aug-17		Apr-18		May-18	
OPM	Ted Gentry Associates, Inc		Skanska USA Building, Inc		Skanska USA Building, Inc		Leftfield, LLC		Compass Project Management, Inc.		PMA Construction Services		PMA Construction Services	
Designer	Ai3 Architects LLC		Drumme Rosane Anderson, Inc.		Kaestle Boos Associates, Inc.		Perkins+Will		Drumme Rosane Anderson, Inc.		Symmes Maini & McKee Associates, Inc.		HMFH Architects, Inc.	
Cost Estimator	Project Management & Cost		Rider Levett Bucknall		Coast and Harbor Associates, Inc.		Project Management & Cost		Rider Levett Bucknall		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
<b>Designer</b>	<b>Ai3 Architects LLC</b>		<b>Drumme Rosane Anderson, Inc.</b>		<b>Kaestle Boos Associates, Inc.</b>		<b>Perkins+Will</b>		<b>Drumme Rosane Anderson, Inc.</b>		<b>Symmes Maini &amp; McKee Associates, Inc.</b>		<b>HMFH Architects, Inc.</b>	
<b>Basic Services</b>														
<i>Feasibility Study</i>	\$1,320,000	1.58%	\$948,748	0.97%	\$473,800	0.40%	\$1,500,000	1.07%	\$705,000	0.73%	\$1,200,000	0.60%	\$1,228,720	0.96%
<i>Design Development</i>	\$1,023,243	1.22%	\$2,554,399	2.61%	\$3,118,260	2.62%	\$2,924,040	2.08%	\$2,323,220	2.39%	\$3,985,000	2.00%	\$2,929,526	2.29%
<i>Construction Contract Documents</i>	\$3,605,216	4.30%	\$3,812,677	3.90%	\$3,637,970	3.05%	\$4,867,070	3.46%	\$3,707,395	3.81%	\$7,970,000	4.00%	\$4,724,358	3.70%
<i>Bidding</i>	\$122,824	0.15%	\$189,215	0.19%	\$500,037	0.42%	\$1,169,616	0.83%	\$458,644	0.47%	\$770,000	0.39%	\$383,056	0.30%
<i>Construction Contract Administration</i>	\$910,331	1.09%	\$2,318,520	2.37%	\$2,338,695	1.96%	\$3,405,050	2.42%	\$2,493,217	2.56%	\$4,984,171	2.50%	\$3,639,033	2.85%
<i>Closeout</i>	\$44,705	0.05%	\$115,926	0.12%	\$500,038	0.42%	\$418,934	0.30%	\$458,644	0.47%	\$996,000	0.50%	\$63,843	0.05%
<i>Other Basic Services</i>	\$316,230	0.38%												
<b>Subtotal Designer Basic Services</b>	<b>\$7,342,549</b>	<b>8.77%</b>	<b>\$9,939,485</b>	<b>10.17%</b>	<b>\$10,568,800</b>	<b>8.87%</b>	<b>\$14,284,710</b>	<b>10.15%</b>	<b>\$10,146,120</b>	<b>10.44%</b>	<b>\$19,905,171</b>	<b>10.00%</b>	<b>\$12,968,536</b>	<b>10.16%</b>
<b>Reimbursable Services</b>														
<i>Construction Testing</i>			\$20,000	0.02%					\$25,000	0.03%				
<i>Printing (Over Minimum)</i>	\$100,000	0.12%	\$60,000	0.06%	\$75,000	0.06%	\$25,000	0.02%	\$30,000	0.03%	\$200,000	0.10%	\$15,000	0.01%
<i>Other Reimbursable Costs</i>	\$50,000	0.06%	\$20,000	0.02%	\$220,000	0.18%	\$200,000	0.14%	\$100,000	0.10%	\$1,050,000	0.53%	\$150,000	0.12%
<b>Sub-Consultants</b>														
<i>Hazardous Materials</i>	\$95,000	0.11%	\$116,500	0.12%	\$380,000	0.32%	\$383,000	0.27%	\$100,000	0.10%	\$500,000	0.25%	\$400,000	0.31%
<i>Geotech &amp; Geotech Environment</i>	\$100,000	0.12%	\$30,000	0.03%	\$95,000	0.08%	\$150,000	0.11%	\$150,000	0.15%	\$750,000	0.38%	\$100,000	0.08%
<i>Site Survey</i>			\$15,000	0.02%	\$20,000	0.02%					\$200,000	0.10%		
<i>Wetlands</i>			\$20,000	0.02%	\$20,000	0.02%	\$38,000	0.03%					\$50,000	0.04%
<i>Traffic Studies</i>	\$18,500	0.02%	\$10,000	0.01%	\$15,000	0.01%	\$5,000	0.00%			\$200,000	0.10%	\$25,000	0.02%
<b>Total Designer Fees</b>	<b>\$7,706,049</b>	<b>9.20%</b>	<b>\$10,230,985</b>	<b>10.47%</b>	<b>\$11,393,800</b>	<b>9.56%</b>	<b>\$15,085,710</b>	<b>10.72%</b>	<b>\$10,551,120</b>	<b>10.85%</b>	<b>\$22,805,171</b>	<b>11.46%</b>	<b>\$13,708,536</b>	<b>10.74%</b>
<b>Owner's Project Manager</b>	<b>Ted Gentry Associates, Inc</b>		<b>Skanska USA Building, Inc</b>		<b>Skanska USA Building, Inc</b>		<b>Leftfield, LLC</b>		<b>Compass Project Management, Inc.</b>		<b>PMA Construction Services</b>		<b>PMA Construction Services</b>	
<i>Feasibility Study</i>	\$480,000	0.57%	\$551,252	0.56%	\$250,200	0.21%	\$500,000	0.36%	\$295,000	0.30%	\$740,000	0.37%	\$621,280	0.49%
<i>Design Development</i>			\$200,000	0.20%	\$288,255	0.24%	\$250,000	0.18%	\$170,000	0.17%	\$284,884	0.14%	\$200,751	0.16%
<i>Construction Contract Documents</i>	\$366,489	0.44%	\$250,000	0.26%	\$528,468	0.44%	\$250,000	0.18%	\$330,000	0.34%	\$654,709	0.33%	\$401,503	0.31%
<i>Bidding</i>	\$84,170	0.10%	\$150,000	0.15%	\$180,961	0.15%	\$100,000	0.07%	\$50,000	0.05%				
<i>Construction Contract Administration</i>	\$1,954,454	2.33%	\$2,236,118	2.29%	\$2,831,788	2.38%	\$3,700,000	2.63%	\$2,498,642	2.57%	\$5,333,326	2.68%	\$3,212,021	2.52%
<i>Closeout</i>	\$84,170	0.10%	\$75,000	0.08%	\$92,261	0.08%	\$204,648	0.15%	\$225,000	0.23%	\$264,037	0.13%	\$200,751	0.16%
<i>Extra Services</i>											\$1,000,000	0.50%	\$200,000	0.16%
<i>Other Project Manager Costs</i>														
<i>Reimbursables &amp; Other Services</i>					\$1,250	0.00%			\$11,000	0.01%	\$1,500,000	0.75%	\$350,000	0.27%
<i>Cost Estimates</i>	\$61,050	0.07%	\$75,000	0.08%					\$50,000	0.05%	\$320,000	0.16%	\$100,000	0.08%
<b>Total OPM Fees</b>	<b>\$3,030,333</b>	<b>3.62%</b>	<b>\$3,537,370</b>	<b>3.62%</b>	<b>\$4,173,183</b>	<b>3.50%</b>	<b>\$5,004,648</b>	<b>3.56%</b>	<b>\$3,629,642</b>	<b>3.73%</b>	<b>\$10,096,956</b>	<b>5.07%</b>	<b>\$5,286,306</b>	<b>4.14%</b>
<b>Total Designer and OPM Fees</b>	<b>\$10,736,382</b>	<b>12.82%</b>	<b>\$13,768,355</b>	<b>14.08%</b>	<b>\$15,566,983</b>	<b>13.06%</b>	<b>\$20,090,358</b>	<b>14.27%</b>	<b>\$14,180,762</b>	<b>14.58%</b>	<b>\$32,902,127</b>	<b>16.53%</b>	<b>\$18,994,842</b>	<b>14.88%</b>
<b>Total Construction Costs</b>	<b>\$83,765,059</b>		<b>\$97,757,373</b>		<b>\$119,200,892</b>		<b>\$140,773,848</b>		<b>\$97,228,730</b>		<b>\$199,051,710</b>		<b>\$127,685,356</b>	

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Date Board Approved	Aug-17		Oct-17		Dec-17		Aug-17		Feb-18		Feb-18		Feb-18	
District	Blue Hills Voc		Middleborough		Boston		Cape Cod Region Voc Tech		Attleboro		Worcester		Fall River	
School Name	Blue Hills Reg Voc Tech		Middleborough HS		Boston Arts Academy		Cape Cod Region Voc Tech		Attleboro HS		South HS Community		B M C Durfee HS	
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program	
Project Scope	Addition / Renovation		New Construction		New Construction		New Construction		New Construction		New Construction		Addition / Renovation	
Enrollment	900		720		500		650		1,725		1,420		2,570	
GSF	292,400		166,650		153,476		220,880		476,425		359,994		501,330	
Assumed Start of Construction	May-18		Dec-17		Sep-18		Dec-18		May-19		Oct-18		Sep-18	
OPM	Dore & Whittier Management Partners, Inc.		Compass Project Management, Inc.		PMA Construction Services		Colliers International		Skanska USA Building, Inc		CBRE/HEERY		Leftfield, LLC	
Designer	Drumme Rosane Anderson, Inc.		Drumme Rosane Anderson, Inc.		Perkins Eastman/DPC		Drumme Rosane Anderson, Inc.		Kaestle Boos Associates, Inc.		Lamoureux Pagano & Associates, Inc.		Ai3 Architects LLC	
Cost Estimator	Ellana, Inc.		Miyakoda Consulting		Project Management & Cost		Rider Levett Bucknall		Miyakoda Consulting		A M Fogarty & Associates Inc.		PM&C	
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>	Drumme Rosane Anderson, Inc.		Drumme Rosane Anderson, Inc.		Perkins Eastman/DPC		Drumme Rosane Anderson, Inc.		Kaestle Boos Associates, Inc.		Lamoureux Pagano & Associates, Inc.		Ai3 Architects LLC	
<b>Basic Services</b>														
<i>Feasibility Study</i>	\$625,000	0.89%	\$900,000	1.09%	\$1,135,856	1.18%	\$749,569	0.72%	\$725,000	0.32%	\$1,345,794	0.78%	\$669,500	0.31%
<i>Design Development</i>	\$1,620,000	2.30%	\$2,165,000	2.62%	\$2,115,456	2.20%	\$2,605,595	2.50%	\$4,987,000	2.24%	\$3,567,240	2.06%	\$6,008,720	2.76%
<i>Construction Contract Documents</i>	\$2,590,000	3.67%	\$3,273,000	3.95%	\$2,961,639	3.09%	\$4,301,200	4.13%	\$6,712,000	3.01%	\$5,284,800	3.06%	\$9,295,101	4.27%
<i>Bidding</i>	\$325,000	0.46%	\$163,600	0.20%	\$676,946	0.71%	\$537,650	0.52%	\$374,000	0.17%	\$396,360	0.23%	\$683,379	0.31%
<i>Construction Contract Administration</i>	\$1,890,531	2.68%	\$1,943,300	2.35%	\$2,538,547	2.64%	\$2,136,535	2.05%		2.13%	\$3,303,000	1.91%	\$3,985,705	1.83%
<i>Closeout</i>	\$100,455	0.14%	\$102,300	0.12%	\$169,236	0.18%	\$115,000	0.11%	\$374,000	0.17%	\$660,600	0.38%	\$357,950	0.16%
<i>Other Basic Services</i>									\$748,000	0.34%			\$75,000	0.03%
<b>Subtotal Designer Basic Services</b>	<b>\$7,150,986</b>	<b>10.14%</b>	<b>\$8,547,200</b>	<b>10.33%</b>	<b>\$9,597,680</b>	<b>10.00%</b>	<b>\$10,445,549</b>	<b>10.02%</b>	<b>\$18,673,000</b>	<b>8.37%</b>	<b>\$14,557,794</b>	<b>8.42%</b>	<b>\$21,075,355</b>	<b>9.67%</b>
<b>Reimbursable Services</b>														
<i>Construction Testing</i>			\$25,000	0.03%	\$445,067	0.46%								
<i>Printing (Over Minimum)</i>	\$15,000	0.02%	\$30,000	0.04%	\$10,000	0.01%	\$50,000	0.05%			\$50,000	0.03%	\$200,000	0.09%
<i>Other Reimbursable Costs</i>			\$200,000	0.24%	\$310,546	0.32%	\$150,000	0.14%	\$325,000	0.15%			\$150,000	0.07%
<b>Sub-Consultants</b>														
<i>Hazardous Materials</i>	\$180,000	0.26%	\$185,000	0.22%	\$500,000	0.52%	\$300,000	0.29%	\$450,000	0.20%	\$300,000	0.17%	\$350,000	0.16%
<i>Geotech &amp; Geotech Environment</i>	\$20,000	0.03%	\$145,000	0.18%	\$500,000	0.52%	\$90,000	0.09%	\$225,000	0.10%	\$100,000	0.06%	\$150,000	0.07%
<i>Site Survey</i>					\$60,000	0.06%	\$15,000	0.01%	\$225,000	0.10%	\$50,000	0.03%	\$45,000	0.02%
<i>Wetlands</i>					\$100,000	0.10%			\$95,000	0.04%	\$50,000	0.03%	\$100,000	0.05%
<i>Traffic Studies</i>			\$70,000	0.08%	\$200,000	0.21%			\$85,000	0.04%	\$50,000	0.03%	\$25,000	0.01%
<b>Total Designer Fees</b>	<b>\$7,365,986</b>	<b>10.45%</b>	<b>\$9,202,200</b>	<b>11.12%</b>	<b>\$11,723,293</b>	<b>12.21%</b>	<b>\$11,050,549</b>	<b>10.60%</b>	<b>\$20,078,000</b>	<b>9.00%</b>	<b>\$15,157,794</b>	<b>8.77%</b>	<b>\$22,095,355</b>	<b>10.14%</b>
<b>Owner's Project Manager</b>	Dore & Whittier Management Partners, Inc.		Compass Project Management, Inc.		PMA Construction Services		Colliers International		Skanska USA Building, Inc		CBRE/HEERY		Leftfield, LLC	
<i>Feasibility Study</i>	\$401,277	0.57%	\$375,000	0.45%	\$564,144	0.59%	\$250,431	0.24%	\$475,000	0.21%	\$347,802	0.20%	\$380,500	0.17%
<i>Design Development</i>	\$131,000	0.19%	\$83,592	0.10%	\$297,544	0.31%	\$171,585	0.16%	\$738,600	0.33%	\$800,000	0.46%	\$570,000	0.26%
<i>Construction Contract Documents</i>	\$108,000	0.15%	\$205,024	0.25%	\$362,835	0.38%	\$257,378	0.25%	\$1,542,000	0.69%	\$1,000,000	0.58%	\$815,000	0.37%
<i>Bidding</i>	\$168,000	0.24%	\$51,256	0.06%	\$232,807	0.24%	\$257,614	0.25%	\$397,735	0.18%			\$305,000	0.14%
<i>Construction Contract Administration</i>	\$1,607,648	2.28%	\$2,136,908	2.58%	\$1,813,717	1.89%	\$2,573,775	2.47%	\$4,255,000	1.91%	\$2,000,000	1.16%	\$5,110,000	2.35%
<i>Closeout</i>	\$140,000	0.20%	\$65,483	0.08%	\$152,175	0.16%	\$171,549	0.16%	\$302,650	0.14%	\$200,000	0.12%	\$305,000	0.14%
<i>Extra Services</i>			\$81,856	0.10%	\$100,000	0.10%								
<i>Other Project Manager Costs</i>														
<i>Reimbursables &amp; Other Services</i>			\$5,000	0.01%	\$300,000	0.31%								
<i>Cost Estimates</i>			\$55,000	0.07%	\$90,900	0.09%	\$55,500	0.05%			\$120,000	0.07%		
<b>Total OPM Fees</b>	<b>\$2,555,925</b>	<b>3.62%</b>	<b>\$3,059,119</b>	<b>3.70%</b>	<b>\$3,914,122</b>	<b>4.08%</b>	<b>\$3,737,832</b>	<b>3.59%</b>	<b>\$7,710,985</b>	<b>3.46%</b>	<b>\$4,467,802</b>	<b>2.58%</b>	<b>\$7,485,500</b>	<b>3.44%</b>
<b>Total Designer and OPM Fees</b>	<b>\$9,921,911</b>	<b>14.07%</b>	<b>\$12,261,319</b>	<b>14.81%</b>	<b>\$15,637,415</b>	<b>16.29%</b>	<b>\$14,788,381</b>	<b>14.19%</b>	<b>\$27,788,985</b>	<b>12.46%</b>	<b>\$19,625,596</b>	<b>11.35%</b>	<b>\$29,580,855</b>	<b>13.58%</b>
<b>Total Construction Costs</b>	<b>\$70,509,857</b>		<b>\$82,769,898</b>		<b>\$95,976,807</b>		<b>\$104,223,800</b>		<b>\$223,088,312</b>		<b>\$172,861,181</b>		<b>\$217,839,610</b>	

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

Information as of:  
**October 2020**  
**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-18		Jun-18		Apr-19		Apr-19		Apr-19		Oct-19		ALL - ALL HIGH SCHOOLS	
District	Belmont		Bristol County Agr		Central Berkshire		Pentucket		Arlington		Sharon			
School Name	Belmont HS		Bristol County Agr HS		Wahconah Regional HS		Pentucket Reg Sr HS		Arlington HS		Sharon HS			
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program		Core Program			
Project Scope	Addition / Renovation		Addition / Renovation		New Construction		New Construction		New Construction		New Construction			
Enrollment	2,215		640		460		965		1,755		1,250			
GSF	455,100		196,151		122,760		211,700		408,590		240,874			
Assumed Start of Construction	Apr-19		Aug-19		Mar-20		Jul-20							
OPM	Daedalus Projects Inc		Colliers International		Skanska USA Building, Inc		Vertex Construction Services		Skanska USA Building, Inc		PMA Consultants, LLC			
Designer	Perkins+Will		HMFH Architects, Inc.		Drummeay Rosane Anderson, Inc.		Dore & Whittier Architects, Inc.		HMFH Architects, Inc.		Tappe Architects, Inc.			
Cost Estimator	Project Management & Cost		Project Management & Cost		Ellana, Inc.		Project Management & Cost		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
<b>Designer</b>	Perkins+Will		HMFH Architects, Inc.						HMFH Architects, Inc.		Tappe Architects, Inc.			
<b>Basic Services</b>														
<i>Feasibility Study</i>	\$1,196,000	0.51%	\$550,000	0.66%	\$590,000	0.99%	\$750,000	0.63%	\$1,500,000	0.64%	\$1,280,320	1.02%	\$2,901,699	0.75%
<i>Design Development</i>	\$4,390,000	1.86%	\$2,024,800	2.41%	\$1,507,000	2.53%	\$3,692,175	3.11%	\$4,224,185	1.80%	\$2,300,000	1.83%	\$66,488,892	2.19%
<i>Construction Contract Documents</i>	\$7,902,000	3.34%	\$3,366,400	4.01%	\$2,249,000	3.77%	\$3,320,670	2.80%	\$6,766,312	2.88%	\$3,450,000	2.74%	\$105,253,578	3.46%
<i>Bidding</i>	\$1,756,000	0.74%	\$252,400	0.30%	\$112,000	0.19%	\$592,977	0.50%	\$422,419	0.18%	\$575,000	0.46%	\$11,974,487	0.39%
<i>Construction Contract Administration</i>	\$6,093,500	2.57%	\$2,104,000	2.51%	\$1,332,000	2.24%	\$3,557,861	3.00%	\$9,293,210	3.95%	\$4,025,000	3.20%	\$77,123,560	2.54%
<i>Closeout</i>	\$658,500	0.28%	\$170,400	0.20%	\$66,000	0.11%	\$437,052	0.37%	\$372,521	0.16%	\$1,150,000	0.91%	\$8,208,347	0.27%
<i>Other Basic Services</i>													\$1,974,230	0.06%
<b>Subtotal Designer Basic Services</b>	<b>\$21,996,000</b>	<b>9.29%</b>	<b>\$8,468,000</b>	<b>10.09%</b>	<b>\$5,856,000</b>	<b>9.83%</b>	<b>\$12,350,735</b>	<b>10.42%</b>	<b>\$22,578,647</b>	<b>9.60%</b>	<b>\$12,780,320</b>	<b>10.16%</b>	<b>\$293,924,793</b>	<b>9.67%</b>
<b>Reimbursable Services</b>														
<i>Construction Testing</i>			50000	0.000595565	\$50,000	0.08%							\$804,567	0.03%
<i>Printing (Over Minimum)</i>	\$60,000	0.03%	\$10,000	0.01%	\$10,000	0.02%	\$30,000	0.03%	\$50,000	0.02%	\$15,000	0.01%	\$1,396,000	0.05%
<i>Other Reimbursable Costs</i>			10000	0.000119113	\$70,000	0.12%	555210	0.004683702	\$375,000	0.16%	\$150,000	0.12%	\$4,377,056	0.14%
<b>Sub-Consultants</b>														
<i>Hazardous Materials</i>	\$275,000	0.12%	\$75,000	0.09%	\$20,000	0.03%	\$221,000	0.19%	\$525,000	0.22%	\$250,000	0.20%	\$6,516,735	0.21%
<i>Geotech &amp; Geotech Environment</i>	\$400,000	0.17%	\$100,000	0.12%	\$84,000	0.14%	\$165,000	0.14%	\$1,250,000	0.53%	\$225,000	0.18%	\$5,505,000	0.18%
<i>Site Survey</i>			30000	0.000357339	\$10,000	0.02%	15000	0.000126539	\$100,000	0.04%	\$50,000	0.04%	\$969,700	0.03%
<i>Wetlands</i>			30000	0.000357339	\$10,000	0.02%	15000	0.000126539	\$10,000	0.00%	\$125,000	0.10%	\$744,000	0.02%
<i>Traffic Studies</i>			30000	0.000357339	\$10,000	0.02%			\$75,000	0.03%	\$25,000	0.02%	\$978,500	0.03%
<b>Total Designer Fees</b>	<b>\$22,731,000</b>	<b>9.61%</b>	<b>\$8,803,000</b>	<b>10.49%</b>	<b>\$6,120,000</b>	<b>10.27%</b>	<b>\$13,351,945</b>	<b>11.26%</b>	<b>\$24,963,647</b>	<b>10.61%</b>	<b>\$13,620,320</b>	<b>10.83%</b>	<b>\$315,216,351</b>	<b>10.37%</b>
<b>Owner's Project Manager</b>	Daedalus Projects Inc		Colliers International		Skanska USA Building, Inc		Vertex Construction Services		Skanska USA Building, Inc		PMA Consultants, LLC			
<i>Feasibility Study</i>	\$554,000	0.23%	\$249,930	0.30%	\$260,000	0.44%	\$300,000	0.25%	\$500,000	0.21%	\$460,000	0.37%	\$9,712,823	0.32%
<i>Design Development</i>	\$315,000	0.13%	\$208,200	0.25%	\$130,000	0.22%	\$200,466	0.17%	\$738,194	0.31%	\$295,000	0.23%	\$6,941,037	0.23%
<i>Construction Contract Documents</i>	\$345,000	0.15%	\$250,000	0.30%	\$260,000	0.44%	\$357,751	0.30%	\$1,564,643	0.66%	\$675,000	0.54%	\$11,870,326	0.39%
<i>Bidding</i>	\$60,000	0.03%	\$90,600	0.11%	\$85,000	0.14%	\$102,142	0.09%	\$360,097	0.15%	\$7,725	0.01%	\$3,160,876	0.10%
<i>Construction Contract Administration</i>	\$5,836,000	2.47%	\$2,397,500	2.86%	\$1,250,000	2.10%	\$3,049,477	2.57%	\$4,355,342	1.85%	\$2,790,000	2.22%	\$70,289,603	2.31%
<i>Closeout</i>	\$396,000	0.17%	\$93,200	0.11%	\$110,000	0.18%	\$160,806	0.14%	\$366,324	0.16%	\$225,000	0.18%	\$4,185,998	0.14%
<i>Extra Services</i>											\$200,000	0.16%	\$1,875,968	0.06%
<i>Other Project Manager Costs</i>														
<i>Reimbursables &amp; Other Services</i>							200000	0.001687182			\$350,000	0.28%	\$2,823,250	0.09%
<i>Cost Estimates</i>	\$240,000	0.10%	\$20,000	0.02%							\$20,000	0.02%	\$1,602,950	0.05%
<b>Total OPM Fees</b>	<b>\$7,746,000</b>	<b>3.27%</b>	<b>\$3,309,430</b>	<b>3.94%</b>	<b>\$2,095,000</b>	<b>3.52%</b>	<b>\$4,370,642</b>	<b>3.69%</b>	<b>\$7,884,600</b>	<b>3.35%</b>	<b>\$5,022,725</b>	<b>3.99%</b>	<b>\$112,462,831</b>	<b>3.70%</b>
<b>Total Designer and OPM Fees</b>	<b>\$30,477,000</b>	<b>12.88%</b>	<b>\$12,112,430</b>	<b>14.43%</b>	<b>\$8,215,000</b>	<b>13.79%</b>	<b>\$17,722,587</b>	<b>14.95%</b>	<b>\$32,848,247</b>	<b>13.96%</b>	<b>\$18,643,045</b>	<b>14.82%</b>	<b>\$427,679,182</b>	<b>14.07%</b>
<b>Total Construction Costs</b>	<b>\$236,647,607</b>		<b>\$83,953,900</b>		<b>\$59,585,032</b>		<b>\$118,540,836</b>		<b>\$235,286,827</b>		<b>\$125,792,153</b>		<b>\$3,040,325,092</b>	