

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

Information as of:

December 2023 Board Meeting

The information and data contained in this spreadsheet is based on the MSBA's review of construction cost estimates, contracts and other documentation provided by cities, towns, and regional school districts. This information and data is intended for informational purposes only. The data may have changed based on actual construction bids or contract amendments. The MSBA shall have no responsibility or duty to update any of the information contained in this spreadsheet. 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 the most current information. The MSBA hereby disclaims any and all liability and responsibility that may arise in connection with the information contained in this spreadsheet. Projects and data may not be listed in the report if the information is not available at the time of report generation. This spreadsheet may include a preliminary review of scope exclusions but all costs identified are subject to review and audit by the MSBA and may not be eligible for reimbursement by the MSBA.

Date Board Approved	Feb-18		Oct-12		Sep-13		Oct-13		Jan-14		Mar-14		Jun-14		Jul-14	
District	Worcester		Greater Lowell Regional Voc Tech		Winthrop		Winchester		North Middlesex		Georgetown		Lunenburg		Plymouth	
School Name	South HS Community		Gr Lowell Regional Voc Tech		Winthrop HS		Winchester HS		North MSsex Regional		Georgetown HS		Lunenburg HS		Plymouth South HS	
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program	
Project Scope	New Construction		Addition / Renovation		New Construction		Addition / Renovation		New Construction		Renovation		New Construction		New Construction	
Enrollment	1,420		1,990		970		1,370		870		720		820		1,005	
GSF	359,994		505,766		187,917		288,840		180,530		128,670		167,018		248,081	
Assumed Start of Construction	Oct-18		Apr-14		Jul-14		Jun-14		May-15		Apr-15		May-14		Jul-15	
OPM	Turner & Townsend Heery		NV5 (fka Joslin, Lesser + Associates Inc.)		Skanska USA Building, Inc		Skanska USA Building, Inc		Turner & Townsend Heery		Municipal Building Consultants, Inc.		NV5 (fka Joslin, Lesser + Associates Inc.)		Ted Gentry Associates, Inc	
Designer	Lamoureux Pagano Associates   Architects, Inc.		Knight, Bagge & Anderson, Inc.		HMFH Architects, Inc.		Symmes Maini & McKee Associates, Inc.		Symmes Maini & McKee Associates, Inc.		Drummey Rosane Anderson, Inc.		Tappe Architects, Inc.		Ai3 Architects LLC	
Cost Estimator	A M Fogarty & Associates Inc.		Atlantic Construction and Management, Inc.		Project Management & Cost		A M Fogarty & Associates Inc.		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	Cost	% of Total Construction
Designer	Lamoureux Pagano Associates   Architects, Inc.		Knight, Bagge & Anderson, Inc.		HMFH Architects, Inc.		Symmes Maini & McKee Associates, Inc.		Symmes Maini & McKee Associates, Inc.		Drummey Rosane Anderson, Inc.		Tappe Architects, Inc.		Ai3 Architects LLC	
Basic Services																
Feasibility Study	\$1,345,794	0.78%	\$678,305	1.28%	\$586,000	0.92%	\$1,050,000	1.04%	\$695,000	1.01%	\$53,030	0.90%	\$446,057	0.75%	\$1,320,000	1.58%
Design Development	\$3,567,240	2.06%	\$1,263,583	2.38%	\$1,633,500	2.57%	\$1,685,000	1.67%	\$1,260,000	1.83%	\$187,500	3.20%	\$689,250	1.16%	\$1,023,243	1.22%
Construction Contract Documents	\$5,284,800	3.06%	\$1,886,220	3.55%	\$2,420,000	3.81%	\$3,458,700	3.43%	\$2,650,000	3.85%	\$250,000	4.27%	\$1,608,250	2.70%	\$3,605,216	4.30%
Bidding	\$396,360	0.23%	\$242,514	0.46%	\$151,250	0.24%	\$465,000	0.46%	\$316,000	0.46%	\$31,250	0.53%	\$229,750	0.39%	\$122,824	0.15%
Construction Contract Administration	\$3,303,000	1.91%	\$1,239,516	2.33%	\$1,293,188	2.04%	\$3,420,000	3.39%	\$2,023,000	2.94%	\$148,400	2.53%	\$1,608,250	2.70%	\$910,331	1.09%
Closeout	\$660,600	0.38%	\$134,730	0.25%	\$68,063	0.11%	\$113,500	0.11%	\$63,000	0.09%	\$7,850	0.13%	\$459,500	0.77%	\$44,705	0.05%
Other Basic Services							\$150,000	0.15%	\$385,000	0.56%					\$316,230	0.38%
Subtotal Designer Basic Services	\$14,557,794	8.42%	\$5,444,868	10.24%	\$6,152,001	9.68%	\$10,342,200	10.25%	\$7,392,000	10.74%	\$678,030	11.57%	\$5,041,057	8.46%	\$7,342,549	8.77%
Reimbursable Services																
Construction Testing					\$214,500	0.34%										
Printing (Over Minimum)	\$50,000	0.03%	\$75,000	0.14%	\$25,000	0.04%	\$50,000	0.05%	\$76,000	0.11%	\$25,000	0.43%			\$100,000	0.12%
Other Reimbursable Costs			\$50,000	0.09%			\$41,300	0.04%			\$15,000	0.26%	\$15,000	0.03%	\$50,000	0.06%
Sub-Consultants																
Hazardous Materials	\$300,000	0.17%	\$90,035	0.17%	\$41,200	0.06%	\$235,000	0.23%	\$210,000	0.31%	\$20,000	0.34%	\$150,000	0.25%	\$95,000	0.11%
Geotech & Geotech Environment	\$100,000	0.06%	\$10,000	0.02%	\$66,000	0.10%	\$170,000	0.17%	\$140,000	0.20%	\$15,000	0.26%	\$175,000	0.29%	\$100,000	0.12%
Site Survey	\$50,000	0.03%	\$13,700	0.03%	\$1,000	0.00%	\$5,000	0.00%	\$10,000	0.01%	\$25,000	0.43%	\$30,000	0.05%		
Wetlands	\$50,000	0.03%			\$3,000	0.00%	\$5,000	0.00%	\$10,000	0.01%	\$3,000	0.05%	\$10,000	0.02%		
Traffic Studies	\$50,000	0.03%							\$55,000	0.08%			\$10,000	0.02%	\$18,500	0.02%
Total Designer Fees	\$15,157,794	8.77%	\$5,683,603	10.69%	\$6,502,701	10.23%	\$10,848,500	10.75%	\$7,893,000	11.47%	\$781,030	13.33%	\$5,431,057	9.12%	\$7,706,049	9.20%
Owner's Project Manager	Turner & Townsend Heery		NV5 (fka Joslin, Lesser + Associates Inc.)		Skanska USA Building, Inc		Skanska USA Building, Inc		Turner & Townsend Heery		Municipal Building Consultants, Inc.		NV5 (fka Joslin, Lesser + Associates Inc.)		Ted Gentry Associates, Inc	
Feasibility Study	\$347,802	0.20%	\$146,695	0.28%	\$314,000	0.49%	\$250,000	0.25%	\$245,000	0.36%	\$31,970	0.55%	\$173,000	0.29%	\$480,000	0.57%
Design Development	\$800,000	0.46%	\$105,000	0.20%	\$290,000	0.46%	\$170,000	0.17%	\$127,500	0.19%			\$129,000	0.22%		
Construction Contract Documents	\$1,000,000	0.58%	\$225,000	0.42%	\$265,000	0.42%	\$190,000	0.19%	\$285,000	0.41%	\$54,300	0.93%	\$195,000	0.33%	\$366,489	0.44%
Bidding			\$50,000	0.09%	\$150,000	0.24%	\$115,000	0.11%			\$14,480	0.25%	\$100,000	0.17%	\$84,170	0.10%
Construction Contract Administration	\$2,000,000	1.16%	\$1,245,000	2.34%	\$1,250,000	1.97%	\$2,706,000	2.68%	\$3,162,748	4.60%	\$213,940	3.65%	\$1,365,000	2.29%	\$1,954,454	2.33%
Closeout	\$200,000	0.12%	\$50,000	0.09%	\$75,000	0.12%	\$161,500	0.16%			\$32,640	0.56%	\$65,000	0.11%	\$84,170	0.10%
Extra Services							\$50,000	0.05%	\$144,112	0.21%						
Other Project Manager Costs																
Reimbursables & Other Services			\$46,000	0.09%					\$20,000	0.03%						
Cost Estimates	\$120,000	0.07%	\$60,000	0.11%	\$125,000	0.20%			\$112,500	0.16%	\$18,000	0.31%			\$61,050	0.07%
Total OPM Fees	\$4,467,802	2.58%	\$1,927,695	3.63%	\$2,469,000	3.89%	\$3,642,500	3.61%	\$4,096,860	5.95%	\$365,330	6.23%	\$2,027,000	3.40%	\$3,030,333	3.62%
Total Designer and OPM Fees	\$19,625,596	11.35%	\$7,611,298	14.32%	\$8,971,701	14.12%	\$14,491,000	14.36%	\$11,989,860	17.42%	\$1,146,360	19.56%	\$7,458,057	12.52%	\$10,736,382	12.82%
Total Construction Costs	\$172,861,181		\$53,165,631		\$63,542,179		\$100,935,610		\$68,829,726		\$5,861,090		\$59,570,728		\$83,765,059	

Information as of:  
December 2023 Board  
Meeting

Date Board Approved	Jun-15		Jan-16		Jan-16		May-16		Feb-17		Aug-17		Aug-17		Oct-17	
District	Pittsfield		Billerica		Minuteman Voc Tech		Stoughton		Somerville		Cape Cod Regional Voc Tech		Blue Hills Voc		Middleborough	
School Name	Taconic HS		Billerica Memorial HS		Minuteman Regional HS		Stoughton HS		Somerville HS		Cape Cod Region Voc Tech		Blue Hills Regional Voc Tech		MSborough HS	
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		Addition / Renovation		New Construction		Addition / Renovation		New Construction	
Enrollment	920		1,610		628		1,065		1,590		650		900		720	
GSF	246,520		325,191		257,745		214,860		369,496		220,880		292,400		166,650	
Assumed Start of Construction	Jan-16		Feb-17		Aug-17		Aug-17		Jun-18		Dec-18		May-18		Dec-17	
OPM	Skanska USA Building, Inc		Leftfield, LLC		Skanska USA Building, Inc		Compass Project Management, Inc.		PMA Consultants, LLC		Colliers Project Leaders NE, LLC		Dore & Whittier Management Partners, Inc.		Compass Project Management, Inc.	
Designer	Drummey Rosane Anderson, Inc.		Perkins+Will		Kaestle Boos Associates, Inc.		Drummey Rosane Anderson, Inc.		Symmes Maini & McKee Associates, Inc.		Drummey Rosane Anderson, Inc.		Drummey Rosane Anderson, Inc.		Drummey Rosane Anderson, Inc.	
Cost Estimator	Rider Levett Bucknall		Project Management & Cost		Coast and Harbor Associates, Inc.		Rider Levett Bucknall		VJ Associates of New England		Rider Levett Bucknall		Ellana, Inc.		Miyakoda Consulting	
Description	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction
Designer	Drummey Rosane Anderson, Inc.		Perkins+Will		Kaestle Boos Associates, Inc.		Drummey Rosane Anderson, Inc.		Symmes Maini & McKee Associates, Inc.		Drummey Rosane Anderson, Inc.		Drummey Rosane Anderson, Inc.		Drummey Rosane Anderson, Inc.	
Basic Services																
Feasibility Study	\$948,748	0.97%	\$1,500,000	1.07%	\$473,800	0.40%	\$705,000	0.73%	\$1,200,000	0.60%	\$749,569	0.72%	\$625,000	0.89%	\$900,000	1.09%
Design Development	\$2,554,399	2.61%	\$2,924,040	2.08%	\$3,118,260	2.62%	\$2,323,220	2.39%	\$3,985,000	2.00%	\$2,605,595	2.50%	\$1,620,000	2.30%	\$2,165,000	2.62%
Construction Contract Documents	\$3,812,677	3.90%	\$4,867,070	3.46%	\$3,637,970	3.05%	\$3,707,395	3.81%	\$7,970,000	4.00%	\$4,301,200	4.13%	\$2,590,000	3.67%	\$3,273,000	3.95%
Bidding	\$189,215	0.19%	\$1,169,616	0.83%	\$500,037	0.42%	\$458,644	0.47%	\$770,000	0.39%	\$537,650	0.52%	\$325,000	0.46%	\$163,600	0.20%
Construction Contract Administration	\$2,318,520	2.37%	\$3,405,050	2.42%	\$2,338,695	1.96%	\$2,493,217	2.56%	\$4,984,171	2.50%	\$2,136,535	2.05%	\$1,890,531	2.68%	\$1,943,300	2.35%
Closeout	\$115,926	0.12%	\$418,934	0.30%	\$500,038	0.42%	\$458,644	0.47%	\$996,000	0.50%	\$115,000	0.11%	\$100,455	0.14%	\$102,300	0.12%
Other Basic Services																
Subtotal Designer Basic Services	\$9,939,485	10.17%	\$14,284,710	10.15%	\$10,568,800	8.87%	\$10,146,120	10.44%	\$19,905,171	10.00%	\$10,445,549	10.02%	\$7,150,986	10.14%	\$8,547,200	10.33%
Reimbursable Services																
Construction Testing	\$20,000	0.02%					\$25,000	0.03%							\$25,000	0.03%
Printing (Over Minimum)	\$60,000	0.06%	\$25,000	0.02%	\$75,000	0.06%	\$30,000	0.03%	\$200,000	0.10%	\$50,000	0.05%	\$15,000	0.02%	\$30,000	0.04%
Other Reimbursable Costs	\$20,000	0.02%	\$200,000	0.14%	\$220,000	0.18%	\$100,000	0.10%	\$1,050,000	0.53%	\$150,000	0.14%			\$200,000	0.24%
Sub-Consultants																
Hazardous Materials	\$116,500	0.12%	\$383,000	0.27%	\$380,000	0.32%	\$100,000	0.10%	\$500,000	0.25%	\$300,000	0.29%	\$180,000	0.26%	\$185,000	0.22%
Geotech & Geotech Environment	\$30,000	0.03%	\$150,000	0.11%	\$95,000	0.08%	\$150,000	0.15%	\$750,000	0.38%	\$90,000	0.09%	\$20,000	0.03%	\$145,000	0.18%
Site Survey	\$15,000	0.02%			\$20,000	0.02%			\$200,000	0.10%	\$15,000	0.01%				
Wetlands	\$20,000	0.02%	\$38,000	0.03%	\$20,000	0.02%										
Traffic Studies	\$10,000	0.01%	\$5,000	0.00%	\$15,000	0.01%			\$200,000	0.10%					\$70,000	0.08%
Total Designer Fees	\$10,230,985	10.47%	\$15,085,710	10.72%	\$11,393,800	9.56%	\$10,551,120	10.85%	\$22,805,171	11.46%	\$11,050,549	10.60%	\$7,365,986	10.45%	\$9,202,200	11.12%
Owner's Project Manager	Skanska USA Building, Inc		Leftfield, LLC		Skanska USA Building, Inc		Compass Project Management, Inc.		PMA Consultants, LLC		Colliers Project Leaders NE, LLC		Dore & Whittier Management Partners, Inc.		Compass Project Management, Inc.	
Feasibility Study	\$551,252	0.56%	\$500,000	0.36%	\$250,200	0.21%	\$295,000	0.30%	\$740,000	0.37%	\$250,431	0.24%	\$401,277	0.57%	\$375,000	0.45%
Design Development	\$200,000	0.20%	\$250,000	0.18%	\$288,255	0.24%	\$170,000	0.17%	\$284,884	0.14%	\$171,585	0.16%	\$131,000	0.19%	\$83,592	0.10%
Construction Contract Documents	\$250,000	0.26%	\$250,000	0.18%	\$528,468	0.44%	\$330,000	0.34%	\$654,709	0.33%	\$257,378	0.25%	\$108,000	0.15%	\$205,024	0.25%
Bidding	\$150,000	0.15%	\$100,000	0.07%	\$180,961	0.15%	\$50,000	0.05%			\$257,614	0.25%	\$168,000	0.24%	\$51,256	0.06%
Construction Contract Administration	\$2,236,118	2.29%	\$3,700,000	2.63%	\$2,831,788	2.38%	\$2,498,642	2.57%	\$5,333,326	2.68%	\$2,573,775	2.47%	\$1,607,648	2.28%	\$2,136,908	2.58%
Closeout	\$75,000	0.08%	\$204,648	0.15%	\$92,261	0.08%	\$225,000	0.23%	\$264,037	0.13%	\$171,549	0.16%	\$140,000	0.20%	\$65,483	0.08%
Extra Services									\$1,000,000	0.50%					\$81,856	0.10%
Other Project Manager Costs																
Reimbursables & Other Services					\$1,250	0.00%	\$11,000	0.01%	\$1,500,000	0.75%					\$5,000	0.01%
Cost Estimates	\$75,000	0.08%					\$50,000	0.05%	\$320,000	0.16%	\$55,500	0.05%			\$55,000	0.07%
Total OPM Fees	\$3,537,370	3.62%	\$5,004,648	3.56%	\$4,173,183	3.50%	\$3,629,642	3.73%	\$10,096,956	5.07%	\$3,737,832	3.59%	\$2,555,925	3.62%	\$3,059,119	3.70%
Total Designer and OPM Fees	\$13,768,355	14.08%	\$20,090,358	14.27%	\$15,566,983	13.06%	\$14,180,762	14.58%	\$32,902,127	16.53%	\$14,788,381	14.19%	\$9,921,911	14.07%	\$12,261,319	14.81%
Total Construction Costs	\$97,757,373		\$140,773,848		\$119,200,892		\$97,228,730		\$199,051,710		\$104,223,800		\$70,509,857		\$82,769,898	

Information as of:  
December 2023 Board  
Meeting

Date Board Approved	Dec-17		Feb-18		Feb-18		Aug-18		Feb-19		Apr-19		Apr-19		Apr-19	
District	Boston		Attleboro		Fall River		Belmont		Waltham		Central Berkshire		Lowell		Pentucket	
School Name	Boston Arts Academy		Attleboro HS		B M C Durfee HS		Belmont HS		Waltham Sr HS		Wahconah Regional HS		Lowell HS		Pentucket Regional Sr HS	
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		Addition / Renovation		New Construction		New Construction		Addition / Renovation		New Construction	
Enrollment	500		1,725		2,570		2,215		1,830		460		3,520		965	
GSF	153,476		476,425		501,330		445,100		414,854		122,760		622,777		211,700	
Assumed Start of Construction	Sep-18		May-19		Aug-18		Apr-19		Nov-21		Mar-20		Mar-21		Apr-20	
OPM	PMA Consultants, LLC		Skanska USA Building, Inc		Leftfield, LLC		CHA Consulting, Inc.		Leftfield, LLC		Skanska USA Building, Inc		Skanska USA Building, Inc		Vertex (Eng.) Construction Services	
Designer	Perkins Eastman/DPC		Kaestle Boos Associates, Inc.		Ai3 Architects LLC		Perkins+Will		Symmes Maini & McKee Associates, Inc.		Drummey Rosane Anderson, Inc.		Perkins Eastman/DPC		Dore & Whittier Architects, Inc.	
Cost Estimator	Project Management & Cost		Miyakoda Consulting		Project Management & Cost		Project Management & Cost		A M Fogarty & Associates Inc.		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	Cost	% of Total Construction
Designer	Perkins Eastman/DPC		Kaestle Boos Associates, Inc.		Ai3 Architects LLC		Perkins+Will		Symmes Maini & McKee Associates, Inc.		Drummey Rosane Anderson, Inc.		Perkins Eastman/DPC		Dore & Whittier Architects, Inc.	
Basic Services																
Feasibility Study	\$1,135,856	1.18%	\$725,000	0.32%	\$669,500	0.31%	\$1,196,000	0.51%	\$1,755,689	0.59%	\$590,000	0.99%	\$2,021,284	0.75%	\$750,000	0.63%
Design Development	\$2,115,456	2.20%	\$4,987,000	2.24%	\$6,008,720	2.76%	\$4,390,000	1.86%	\$6,309,500	2.11%	\$1,507,000	2.53%	\$6,256,000	2.31%	\$3,692,175	3.11%
Construction Contract Documents	\$2,961,639	3.09%	\$6,712,000	3.01%	\$9,295,101	4.27%	\$7,902,000	3.34%	\$12,000,000	4.01%	\$2,249,000	3.77%	\$8,758,400	3.24%	\$3,320,670	2.80%
Bidding	\$676,946	0.71%	\$374,000	0.17%	\$683,379	0.31%	\$1,756,000	0.74%	\$1,500,000	0.50%	\$112,000	0.19%	\$1,751,680	0.65%	\$592,977	0.50%
Construction Contract Administration	\$2,538,547	2.64%	\$4,753,000	2.13%	\$3,985,705	1.83%	\$6,093,500	2.57%	\$8,200,000	2.74%	\$1,332,000	2.24%	\$7,507,200	2.78%	\$3,557,861	3.00%
Closeout	\$169,236	0.18%	\$374,000	0.17%	\$357,950	0.16%	\$658,500	0.28%	\$600,000	0.20%	\$66,000	0.11%	\$750,720	0.28%	\$437,052	0.37%
Other Basic Services			\$748,000	0.34%	\$75,000	0.03%							\$221,782	0.08%		
Subtotal Designer Basic Services	\$9,597,680	10.00%	\$18,673,000	8.37%	\$21,075,355	9.67%	\$21,996,000	9.29%	\$30,365,189	10.16%	\$5,856,000	9.83%	\$27,267,066	10.08%	\$12,350,735	10.42%
Reimbursable Services																
Construction Testing	\$445,067	0.46%									\$50,000	0.08%				
Printing (Over Minimum)	\$10,000	0.01%			\$200,000	0.09%	\$60,000	0.03%			\$10,000	0.02%	\$75,000	0.03%	\$30,000	0.03%
Other Reimbursable Costs	\$310,546	0.32%	\$325,000	0.15%	\$150,000	0.07%			\$800,000	0.27%	\$70,000	0.12%	\$390,000	0.14%	\$555,210	0.47%
Sub-Consultants																
Hazardous Materials	\$500,000	0.52%	\$450,000	0.20%	\$350,000	0.16%	\$275,000	0.12%	\$200,000	0.07%	\$20,000	0.03%	\$409,750	0.15%	\$221,000	0.19%
Geotech & Geotech Environment	\$500,000	0.52%	\$225,000	0.10%	\$150,000	0.07%	\$400,000	0.17%	\$4,000,000	1.34%	\$84,000	0.14%	\$379,090	0.14%	\$165,000	0.14%
Site Survey	\$60,000	0.06%	\$225,000	0.10%	\$45,000	0.02%			\$50,000	0.02%	\$10,000	0.02%	\$20,450	0.01%	\$15,000	0.01%
Wetlands	\$100,000	0.10%	\$95,000	0.04%	\$100,000	0.05%			\$25,000	0.01%	\$10,000	0.02%	\$35,000	0.01%	\$15,000	0.01%
Traffic Studies	\$200,000	0.21%	\$85,000	0.04%	\$25,000	0.01%			\$150,000	0.05%	\$10,000	0.02%	\$80,000	0.03%		
Total Designer Fees	\$11,723,293	12.21%	\$20,078,000	9.00%	\$22,095,355	10.14%	\$22,731,000	9.61%	\$35,590,189	11.91%	\$6,120,000	10.27%	\$28,656,356	10.60%	\$13,351,945	11.26%
Owner's Project Manager	PMA Consultants, LLC		Skanska USA Building, Inc		Leftfield, LLC		CHA Consulting, Inc.		Leftfield, LLC		Skanska USA Building, Inc		Skanska USA Building, Inc		Vertex (Eng.) Construction Services	
Feasibility Study	\$564,144	0.59%	\$475,000	0.21%	\$380,500	0.17%	\$554,000	0.23%	\$428,348	0.14%	\$260,000	0.44%	\$578,716	0.21%	\$300,000	0.25%
Design Development	\$297,544	0.31%	\$738,600	0.33%	\$570,000	0.26%	\$315,000	0.13%	\$775,771	0.26%	\$130,000	0.22%	\$729,750	0.27%	\$200,466	0.17%
Construction Contract Documents	\$362,835	0.38%	\$1,542,000	0.69%	\$815,000	0.37%	\$345,000	0.15%	\$1,284,382	0.43%	\$260,000	0.44%	\$1,244,505	0.46%	\$357,751	0.30%
Bidding	\$232,807	0.24%	\$397,735	0.18%	\$305,000	0.14%	\$60,000	0.03%	\$316,090	0.11%	\$85,000	0.14%	\$477,080	0.18%	\$102,142	0.09%
Construction Contract Administration	\$1,813,717	1.89%	\$4,255,000	1.91%	\$5,110,000	2.35%	\$5,836,000	2.47%	\$6,714,790	2.25%	\$1,250,000	2.10%	\$6,187,485	2.29%	\$3,049,477	2.57%
Closeout	\$152,175	0.16%	\$302,650	0.14%	\$305,000	0.14%	\$396,000	0.17%	\$508,967	0.17%	\$110,000	0.18%	\$271,190	0.10%	\$160,806	0.14%
Extra Services	\$100,000	0.10%														
Other Project Manager Costs																
Reimbursables & Other Services	\$300,000	0.31%							\$25,000	0.01%					\$200,000	0.17%
Cost Estimates	\$90,900	0.09%					\$240,000	0.10%								
Total OPM Fees	\$3,914,122	4.08%	\$7,710,985	3.46%	\$7,485,500	3.44%	\$7,746,000	3.27%	\$10,053,348	3.36%	\$2,095,000	3.52%	\$9,488,726	3.51%	\$4,370,642	3.69%
Total Designer and OPM Fees	\$15,637,415	16.29%	\$27,788,985	12.46%	\$29,580,855	13.58%	\$30,477,000	12.88%	\$45,643,537	15.27%	\$8,215,000	13.79%	\$38,145,082	14.10%	\$17,722,587	14.95%
Total Construction Costs	\$95,976,807		\$223,088,312		\$217,839,610		\$236,647,607		\$298,923,790		\$59,585,032		\$270,444,856		\$118,540,836	

Information as of:  
December 2023 Board  
Meeting

Date Board Approved	Apr-19		Jun-19		Oct-19		Feb-20		Aug-20		Aug-21		Aug-21		Oct-21	
District	Arlington		Saugus		Sharon		Nauset		Worcester		Northeast Metropolitan Regional Voc Tech		Stoneham		Bristol-Plymouth Regional Voc Tech	
School Name	Arlington HS		Saugus HS		Sharon HS		Nauset Regional HS		Doherty Memorial HS		Northeast Metro Reg Voc		Stoneham HS		Bristol-Plymouth Voc Tech	
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		Addition / Renovation		New Construction		New Construction		New Construction		New Construction	
Enrollment	1,755		1,360		1,250		905		1,670		1,600		695		1,434	
GSF	408,590		269,070		240,204		214,250		421,858		386,630		207,077		419,765	
Assumed Start of Construction	Apr-19		May-18		Aug-20		Jul-22		May-21		Jun-23		Oct-22		Apr-23	
OPM	Skanska USA Building, Inc		PMA Consultants, LLC		PMA Consultants, LLC		CHA Consulting, Inc.		Tishman Construction Corporation of MA		PMA Consultants, LLC		Symmes Maini & McKee Associates, Inc.		PMA Consultants, LLC	
Designer	HMFH Architects, Inc.		HMFH Architects, Inc.		Tappe Architects, Inc.		Flansburgh Associates, Inc.		Lamoureux Pagano Associates   Architects, Inc.		Drumme y Rosane Anderson, Inc.		Perkins+Will		HMFH Architects, Inc.	
Cost Estimator	Project Management & Cost		Project Management & Cost		Project Management & Cost		Project Management & Cost		A M Fogarty & Associates Inc.		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	Cost	% of Total Construction
Designer	HMFH Architects, Inc.		HMFH Architects, Inc.		Tappe Architects, Inc.		Flansburgh Associates, Inc.		Lamoureux Pagano Associates   Architects, Inc.		Drumme y Rosane Anderson, Inc.		Perkins+Will		HMFH Architects, Inc.	
Basic Services																
Feasibility Study	\$1,500,000	0.64%	\$1,228,720	0.96%	\$1,280,320	1.02%	\$1,045,000	1.00%	\$1,464,400	0.61%	\$1,380,305	0.57%	\$580,000	0.38%	\$701,000	0.29%
Design Development	\$4,224,185	1.80%	\$2,929,526	2.29%	\$2,300,000	1.83%	\$2,491,250	2.38%	\$5,397,690	2.26%	\$3,360,000	1.38%	\$3,233,800	2.11%	\$6,282,412	2.61%
Construction Contract Documents	\$6,766,312	2.88%	\$4,724,358	3.70%	\$3,450,000	2.74%	\$3,164,400	3.02%	\$7,854,500	3.29%	\$11,200,000	4.60%	\$4,921,000	3.21%	\$7,995,797	3.32%
Bidding	\$422,419	0.18%	\$383,056	0.30%	\$575,000	0.46%	\$433,600	0.41%	\$589,100	0.25%	\$1,120,000	0.46%	\$1,124,800	0.73%	\$630,069	0.26%
Construction Contract Administration	\$9,293,210	3.95%	\$3,639,033	2.85%	\$4,025,000	3.20%	\$3,374,400	3.22%	\$4,909,060	2.05%	\$5,264,000	2.16%	\$3,936,800	2.57%	\$7,078,405	2.94%
Closeout	\$372,521	0.16%	\$63,843	0.05%	\$1,150,000	0.91%	\$276,800	0.26%	\$981,800	0.41%	\$381,000	0.16%	\$423,600	0.28%	\$228,451	0.09%
Other Basic Services							\$184,550	0.18%								
Subtotal Designer Basic Services	\$22,578,647	9.60%	\$12,968,536	10.16%	\$12,780,320	10.16%	\$10,970,000	10.48%	\$21,196,550	8.87%	\$22,705,305	9.32%	\$14,220,000	9.27%	\$22,916,134	9.51%
Reimbursable Services																
Construction Testing											\$1,000,000	0.41%	\$60,000	0.04%		
Printing (Over Minimum)	\$50,000	0.02%	\$15,000	0.01%	\$15,000	0.01%	\$25,000	0.02%			\$50,000	0.02%	\$40,000	0.03%	\$50,000	0.02%
Other Reimbursable Costs	\$375,000	0.16%	\$150,000	0.12%	\$150,000	0.12%	\$10,000	0.01%			\$1,544,695	0.63%	\$320,000	0.21%	\$2,500,000	1.04%
Sub-Consultants																
Hazardous Materials	\$525,000	0.22%	\$400,000	0.31%	\$250,000	0.20%	\$200,000	0.19%			\$1,250,000	0.51%	\$269,830	0.18%	\$250,000	0.10%
Geotech & Geotech Environment	\$1,250,000	0.53%	\$100,000	0.08%	\$225,000	0.18%	\$125,000	0.12%			\$1,750,000	0.72%	\$657,170	0.43%	\$1,500,000	0.62%
Site Survey	\$100,000	0.04%			\$50,000	0.04%	\$20,000	0.02%			\$100,000	0.04%	\$44,000	0.03%	\$250,000	0.10%
Wetlands	\$10,000	0.00%	\$50,000	0.04%	\$125,000	0.10%					\$500,000	0.21%	\$20,000	0.01%	\$500,000	0.21%
Traffic Studies	\$75,000	0.03%	\$25,000	0.02%	\$25,000	0.02%	\$20,000	0.02%			\$200,000	0.08%	\$209,000	0.14%	\$250,000	0.10%
Total Designer Fees	\$24,963,647	10.61%	\$13,708,536	10.74%	\$13,620,320	10.83%	\$11,370,000	10.86%	\$21,196,550	8.87%	\$29,100,000	11.95%	\$15,840,000	10.32%	\$28,216,134	11.71%
Owner's Project Manager	Skanska USA Building, Inc		PMA Consultants, LLC		PMA Consultants, LLC		CHA Consulting, Inc.		Tishman Construction Corporation of MA		PMA Consultants, LLC		Symmes Maini & McKee Associates, Inc.		PMA Consultants, LLC	
Feasibility Study	\$500,000	0.21%	\$621,280	0.49%	\$460,000	0.37%	\$255,000	0.24%	\$535,600	0.22%	\$360,000	0.15%	\$170,000	0.11%	\$350,000	0.15%
Design Development	\$738,194	0.31%	\$200,751	0.16%	\$295,000	0.23%	\$210,000	0.20%	\$199,889	0.08%	\$250,000	0.10%	\$380,000	0.25%	\$300,000	0.12%
Construction Contract Documents	\$1,564,643	0.66%	\$401,503	0.31%	\$675,000	0.54%	\$425,000	0.41%	\$502,339	0.21%	\$850,055	0.35%	\$640,000	0.42%	\$570,000	0.24%
Bidding	\$360,097	0.15%			\$7,725	0.01%	\$100,000	0.10%	\$109,144	0.05%			\$180,000	0.12%	\$280,000	0.12%
Construction Contract Administration	\$4,355,342	1.85%	\$3,212,021	2.52%	\$2,790,000	2.22%	\$2,610,000	2.49%	\$3,103,149	1.30%	\$6,412,950	2.63%	\$3,185,100	2.08%	\$6,620,000	2.75%
Closeout	\$366,324	0.16%	\$200,751	0.16%	\$225,000	0.18%	\$125,000	0.12%	\$937,474	0.39%	\$650,000	0.27%	\$220,000	0.14%	\$330,000	0.14%
Extra Services			\$200,000	0.16%	\$200,000	0.16%					\$1,014,944	0.42%	\$140,000	0.09%	\$1,500,000	0.62%
Other Project Manager Costs																
Reimbursables & Other Services			\$350,000	0.27%	\$350,000	0.28%					\$1,500,000	0.62%	\$80,000	0.05%	\$2,500,000	1.04%
Cost Estimates			\$100,000	0.08%	\$20,000	0.02%					\$100,000	0.04%			\$300,000	0.12%
Total OPM Fees	\$7,884,600	3.35%	\$5,286,306	4.14%	\$5,022,725	3.99%	\$3,725,000	3.56%	\$5,387,595	2.26%	\$11,137,949	4.57%	\$4,995,100	3.26%	\$12,750,000	5.29%
Total Designer and OPM Fees	\$32,848,247	13.96%	\$18,994,842	14.88%	\$18,643,045	14.82%	\$15,095,000	14.42%	\$26,584,145	11.13%	\$40,237,949	16.52%	\$20,835,100	13.58%	\$40,966,134	17.01%
Total Construction Costs	\$235,286,827		\$127,685,356		\$125,792,153		\$104,708,165		\$238,910,676		\$243,591,092		\$153,418,660		\$240,885,538	

Information as of:  
December 2023 Board  
Meeting

Date Board Approved	Dec-21		Mar-22		Mar-22		Jun-22		Dec-22		ALL - ALL HIGH SCHOOLS	
District	Greater Fall River Regional Voc Tech		Watertown		Webster		Spencer-E Brookfield		Wakefield			
School Name	Diman Regional Voc Tech HS		Watertown HS		Bartlett Jr Sr HS Sch		David Prouty HS		Wakefield Memorial HS			
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program			
Project Scope	New Construction		New Construction		Addition / Renovation		Addition / Renovation		New Construction			
Enrollment	1,500		720		445		305		1,000			
GSF	394,650		258,914		161,436		126,823		259,847			
Assumed Start of Construction	Oct-23		Jul-23		Nov-23		Jun-23		Apr-24			
OPM	Colliers Project Leaders NE, LLC		Compass Project Management, Inc.		Colliers Project Leaders NE, LLC		Colliers Project Leaders NE, LLC		Leftfield, LLC			
Designer	Kaestle Boos Associates, Inc.		Ai3 Architects LLC		Flansburgh Associates, Inc.		Jones Whitsett Architects, Inc.		Symmes Maini & McKee Associates, Inc.			
Cost Estimator	Project Management & Cost		Project Management & Cost		Project Management & Cost		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
Designer	Kaestle Boos Associates, Inc.		Ai3 Architects LLC		Flansburgh Associates, Inc.		Jones Whitsett Architects, Inc.		Symmes Maini & McKee Associates, Inc.			
Basic Services												
Feasibility Study	\$1,025,000	0.42%	\$2,113,841	1.52%	\$750,000	0.96%	\$560,000	0.61%	\$1,288,790	0.58%	\$37,037,008	0.70%
Design Development	\$5,382,000	2.22%	\$3,834,598	2.77%	\$2,000,000	2.56%	\$1,976,106	2.17%	\$4,454,590	2.02%	\$115,736,838	2.19%
Construction Contract Documents	\$10,296,000	4.25%	\$5,873,976	4.24%	\$3,000,000	3.84%	\$3,007,118	3.30%	\$8,909,180	4.04%	\$189,683,949	3.59%
Bidding	\$693,225	0.29%	\$376,753	0.27%	\$400,000	0.51%	\$429,588	0.47%	\$890,910	0.40%	\$21,584,212	0.41%
Construction Contract Administration	\$4,505,963	1.86%	\$2,299,373	1.66%	\$2,487,300	3.18%	\$3,007,118	3.30%	\$5,784,290	2.62%	\$133,027,469	2.52%
Closeout	\$404,381	0.17%	\$202,886	0.15%	\$200,000	0.26%	\$171,837	0.19%	\$1,113,650	0.51%	\$13,743,472	0.26%
Other Basic Services	\$150,000	0.06%			\$150,000	0.19%					\$2,380,562	0.05%
Subtotal Designer Basic Services	\$22,456,569	9.27%	\$14,701,427	10.60%	\$8,987,300	11.49%	\$9,151,767	10.03%	\$22,441,410	10.18%	\$513,193,510	9.72%
Reimbursable Services												
Construction Testing					\$100,000	0.13%	\$50,000	0.05%			\$1,989,567	0.04%
Printing (Over Minimum)	\$50,000	0.02%			\$15,000	0.02%	\$50,000	0.05%			\$1,631,000	0.03%
Other Reimbursable Costs	\$150,000	0.06%	\$661,184	0.48%	\$10,000	0.01%	\$150,000	0.16%	\$430,000	0.20%	\$11,162,935	0.21%
Sub-Consultants												
Hazardous Materials	\$350,000	0.14%	\$365,400	0.26%	\$140,000	0.18%	\$350,000	0.38%	\$275,000	0.12%	\$10,336,715	0.20%
Geotech & Geotech Environment	\$225,000	0.09%	\$170,160	0.12%	\$115,000	0.15%	\$225,000	0.25%	\$315,000	0.14%	\$14,766,420	0.28%
Site Survey	\$125,000	0.05%	\$33,000	0.02%	\$50,000	0.06%	\$125,000	0.14%	\$75,000	0.03%	\$1,782,150	0.03%
Wetlands	\$30,000	0.01%			\$25,000	0.03%	\$50,000	0.05%	\$20,000	0.01%	\$1,869,000	0.04%
Traffic Studies	\$50,000	0.02%	\$16,720	0.01%	\$30,000	0.04%	\$75,000	0.08%	\$110,000	0.05%	\$2,069,220	0.04%
Total Designer Fees	\$23,436,569	9.67%	\$15,947,891	11.50%	\$9,472,300	12.12%	\$10,226,767	11.21%	\$23,666,410	10.74%	\$558,800,517	10.58%
Owner's Project Manager	Colliers Project Leaders NE, LLC		Compass Project Management, Inc.		Colliers Project Leaders NE, LLC		Colliers Project Leaders NE, LLC		Leftfield, LLC			
Feasibility Study	\$475,000	0.20%	\$503,580	0.36%	\$250,000	0.32%	\$290,000	0.32%	\$711,210	0.32%	\$14,374,005	0.27%
Design Development	\$384,139	0.16%	\$163,704	0.12%	\$170,877	0.22%	\$147,130	0.16%	\$665,798	0.30%	\$11,063,429	0.21%
Construction Contract Documents	\$753,215	0.31%	\$379,488	0.27%	\$209,153	0.27%	\$294,262	0.32%	\$1,018,280	0.46%	\$19,658,779	0.37%
Bidding	\$456,740	0.19%	\$130,849	0.09%	\$82,116	0.11%	\$176,560	0.19%	\$254,570	0.12%	\$5,585,136	0.11%
Construction Contract Administration	\$5,597,997	2.31%	\$3,266,430	2.36%	\$1,977,563	2.53%	\$2,206,965	2.42%	\$5,483,045	2.49%	\$121,852,378	2.31%
Closeout	\$499,793	0.21%	\$61,378	0.04%	\$169,335	0.22%	\$117,701	0.13%	\$411,288	0.19%	\$8,427,120	0.16%
Extra Services											\$4,430,912	0.08%
Other Project Manager Costs												
Reimbursables & Other Services			\$5,000	0.00%					\$25,000	0.01%	\$6,918,250	0.13%
Cost Estimates	\$100,000	0.04%	\$91,000	0.07%	\$50,000	0.06%	\$40,000	0.04%	\$75,000	0.03%	\$2,258,950	0.04%
Total OPM Fees	\$8,266,884	3.41%	\$4,601,429	3.32%	\$2,909,044	3.72%	\$3,272,618	3.59%	\$8,644,191	3.92%	\$194,568,959	3.68%
Total Designer and OPM Fees	\$31,703,453	13.08%	\$20,549,320	14.82%	\$12,381,344	15.84%	\$13,499,385	14.80%	\$32,310,601	14.66%	\$753,369,476	14.26%
Total Construction Costs	\$242,300,294		\$138,651,235		\$78,185,900		\$91,217,674		\$220,459,379		\$5,282,187,111	