

Information as of:

Estimated Construction & Total Project Cost Data at Schematic Design [ON OR AFTER JANUARY 1, 2014]

High Schools

February 2024 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	Oct-12	Oct-13	Oct-13	Jan-14	Mar-14	Jun-14	Jul-14	Jun-15	
District	Greater Lowell Regional Voc Tech	Winthrop ¹	Winchester	North Middlesex ²	Georgetown	Lunenburg ³	Plymouth	Pittsfield	
School Name	Gr Lowell Regional Voc Tech	Winthrop HS	Winchester HS	North MSsex Regional	Georgetown HS	Lunenburg HS	Plymouth South HS	Taconic HS	
Project Type	Core Program	Core Program	Core Program	Core Program	Core Program	Core Program	Core Program	Core Program	
Project Scope	Addition / Renovation	New Construction	Addition / Renovation	New Construction	Renovation	New Construction	New Construction	New Construction	
Enrollment	1,990	970	1,370	870	720	820	1,005	920	
GSF	505,766	187,917	288,840	180,530	128,670	167,018	248,081	246,520	
Assumed Start of Construction	Apr-14	Jul-14	Jun-14	May-15	Apr-15	May-14	Jul-15	Jan-16	
OPM	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	Skanska USA Building, Inc	
Designer	Knight, Bagge & Anderson, Inc.	HMFH Architects, Inc.	Symmes Maini & McKee Associates, Inc.	Symmes Maini & McKee Associates, Inc.	Drummeys Rosane Anderson, Inc.	Tappe Architects, Inc.	Ai3 Architects LLC	Drummeys Rosane Anderson, Inc.	
Cost Estimator	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	Rider Levett Bucknall	
Division #	Description of Work	Total Cost							
A	Substructure	\$583,645	\$3,645,359	\$2,250,990	\$3,560,992	\$55,800	\$3,405,171	\$3,993,470	\$2,491,962
B	Shell	\$10,186,500	\$12,241,254	\$19,046,044	\$14,024,734	\$1,352,166	\$13,225,052	\$19,439,662	\$18,777,964
B10	Superstructure	\$703,420	\$5,944,324	\$3,689,083	\$5,055,274	\$13,960	\$5,126,402	\$8,662,654	\$8,465,685
B20	Exterior Enclosure	\$4,394,050	\$4,535,606	\$12,445,753	\$5,882,134	\$78,340	\$5,651,315	\$8,768,249	\$7,715,637
B2010	Exterior Walls	\$1,882,165		\$8,665,814	\$3,966,375	\$35,900	\$4,129,283	\$5,862,988	\$6,373,942
B2020	Exterior Windows	\$2,239,285		\$3,595,529	\$1,728,357	\$37,440	\$1,351,575	\$2,581,898	\$1,183,935
B2030	Exterior Doors	\$272,600		\$184,410	\$187,402	\$5,000	\$170,457	\$323,363	\$157,760
B30	Roofing	\$5,089,030	\$1,761,324	\$2,911,208	\$3,087,326	\$1,259,866	\$2,447,335	\$2,008,759	\$2,596,642
C	Interiors	\$4,530,640	\$8,674,072	\$13,429,636	\$8,987,130	\$627,887	\$9,892,279	\$12,961,512	\$12,416,341
D	Services	\$19,286,748	\$15,087,384	\$25,929,654	\$14,568,287	\$1,376,734	\$12,535,422	\$22,000,045	\$23,297,917
D10	Conveying	\$15,000	\$243,000	\$240,000	\$78,843		\$172,400	\$213,150	\$295,000
D20	Plumbing	\$1,600,685	\$2,040,575	\$3,869,317	\$1,923,161	\$232,625	\$2,051,613	\$3,097,714	\$3,085,466
D30	HVAC	\$8,830,788	\$6,198,170	\$13,068,172	\$6,819,124	\$402,419	\$5,148,736	\$7,993,730	\$9,000,522
D40	Fire Protection	\$2,286,604	\$874,845	\$1,453,858	\$768,616	\$217,093	\$647,250	\$1,069,800	\$1,305,931
D50	Electrical Utilities	\$6,553,671	\$5,730,794	\$7,298,307	\$4,978,543	\$524,597	\$4,515,423	\$9,625,651	\$9,610,998
E	Furnishings & Fixed Equipment	\$2,026,320	\$2,968,774	\$3,206,606	\$3,081,919	\$131,374	\$2,472,054	\$2,217,620	\$3,029,004
	Building Value Engineering								
	Building Subtotal	\$36,613,853	\$42,616,843	\$63,862,930	\$44,223,062	\$3,543,961	\$41,529,978	\$60,612,309	\$60,013,188
F	Special Construction & Demo	\$2,963,289	\$2,450,040	\$5,223,227	\$3,326,174	\$503,934	\$2,658,000	\$1,949,100	\$3,257,268
G	Other Site Construction	\$1,198,558	\$2,131,403	\$7,033,731	\$6,640,382	\$204,535	\$5,404,677	\$8,320,686	\$8,293,358
G10	Site Preparation	\$135,812	\$2,131,403	\$2,548,718	\$1,730,917	\$49,090	\$716,284	\$1,913,708	\$2,923,933
G20	Site Improvements	\$603,340		\$3,368,554	\$2,702,201	\$9,840	\$2,847,412	\$4,559,260	\$3,258,432
G30	Mechanical Utilities	\$413,406		\$764,845	\$1,881,170	\$145,605	\$1,410,290	\$1,575,718	\$1,469,335
G40	Electrical Utilities	\$46,000		\$351,614	\$326,094		\$430,691	\$272,000	\$641,658
	Other Site Construction				\$43,798				\$50,000
	Subtotal	\$40,775,700	\$47,198,286	\$76,119,888	\$54,233,416	\$4,252,430	\$49,592,655	\$70,882,095	\$71,613,814
Z	Mark-Ups	\$9,872,520	\$13,062,383	\$21,035,587	\$12,581,367	\$1,329,876	\$8,490,293	\$10,207,021	\$19,764,068
Z	Insurance	\$1,419,606	\$778,291	\$1,640,376	\$583,735		\$649,000	\$354,410	\$1,171,170
Z	Subcontractor Bond	\$300,000	\$407,724		\$554,510		\$442,500	\$637,939	\$715,787
Z	Design & Pricing Contingency	\$4,577,111	\$4,219,081	\$8,575,064	\$6,105,889	\$620,246	\$1,603,615	\$3,544,105	\$8,325,257
Z	General Conditions	\$2,242,664	\$5,384,908	\$3,510,000	\$4,140,000	\$425,234	\$3,877,307	\$3,898,515	\$5,783,556
Z	Overhead & Profit / GMP Fee	\$1,333,139	\$1,359,082	\$4,480,376	\$1,197,233	\$190,845	\$1,050,000	\$1,772,052	\$1,981,229
Z	GMP Contingency		\$913,297	\$2,829,771			\$867,871		\$1,787,069
	Construction Subtotal	\$50,648,220	\$60,260,669	\$97,155,475	\$66,814,783	\$5,582,306	\$58,082,948	\$81,089,116	\$91,377,882
	Project Scope Adjustments								
Z	Escalation to Construction Mid-Point	\$2,517,411	\$3,281,510	\$3,780,135	\$2,014,943	\$278,784	\$1,487,780	\$2,675,943	\$6,379,491
	Total Construction Cost	\$53,165,631	\$63,542,179	\$100,935,610	\$68,829,726	\$5,861,090	\$59,570,728	\$83,765,059	\$97,757,373
	Cost per Square Foot	\$105	\$338	\$349	\$381	\$46	\$357	\$338	\$397
Bid Alternates				\$183,012				\$4,398,483	\$495,000
CM Pre-Construction Services			\$175,000	\$500,000			\$160,000		\$250,000
Construction Contingency	\$2,658,282	\$2,283,243	\$5,055,931	\$3,458,986	\$410,276	\$2,978,536	\$4,188,253	\$3,484,613	\$3,484,613
Designer	\$5,685,298	\$6,502,701	\$10,848,500	\$7,893,000	\$5,431,057	\$7,706,049	\$10,230,985		\$10,230,985
OPM & other Professional services	\$1,926,000	\$2,469,000	\$3,642,500	\$4,096,860	\$365,330	\$2,027,000	\$3,030,333		\$3,537,370
FF&E/IT	\$1,000,000	\$2,328,000	\$4,932,000	\$3,132,000	\$125,000	\$1,968,000	\$3,741,000		\$4,098,050
Legal Fees		\$100,000	\$100,000	\$21,000	\$15,000	\$15,000	\$150,000		\$30,000
Other Soft Costs	\$275,000	\$1,760,000	\$3,220,000	\$961,608	\$78,000	\$240,000	\$270,000		\$250,000
Owner's Contingency	\$600,000	\$2,758,617	\$505,593	\$691,797	\$170,000	\$600,000	\$550,823		\$1,161,538
	Total Project Budget ***	\$65,310,211	\$81,818,740	\$129,923,146	\$89,084,977	\$7,805,726	\$72,975,321	\$107,800,000	\$121,294,929
Bid Alternates				\$183,012				\$4,398,483	\$495,000
Ineligible Costs & Contingency					\$2,770,689	\$293,054	\$2,382,829	\$3,565,602	\$2,507,039
Scope Exclusions	\$125,000	\$10,811,835	\$26,074,548	\$19,883,308	\$154,590	\$11,018,677	\$12,019,699	\$12,019,699	\$25,539,786
	Basis for Total Facilities Grant	\$65,185,211	\$71,006,905	\$103,665,586	\$66,430,980	\$7,358,082	\$59,573,815	\$87,816,216	\$92,753,104
	Reimbursement Rate	76.84%	59.97%	42.92%	60.63%	52.13%	59.11%	53.37%	80.00%
	Maximum Facilities Grant	\$50,088,316	\$42,582,841	\$44,493,270	\$40,277,103	\$3,835,768	\$35,214,082	\$46,867,514	\$74,202,483

1 - Winthrop Middle/High School - based on PFA 7-23-14 (FEMA Revision 3011 form).
 2 - North Middlesex Regional HS - The Maximum Facilities Grant reflects the recovery of \$67,076.
 3 - Lunenburg - Maximum Total Facilities Grant reflects a recovery of \$434,702.
 *** Total Project Budget Value includes the cost of Alternates.

Information as of:

**February 2024
Board Meeting**

Date Board Approved	Jan-16	Jan-16	May-16	Feb-17	Aug-17	Aug-17	Oct-17	Dec-17	
District	Billerica	Minuteman Voc Tech	Stoughton	Somerville	Cape Cod Regional Voc Tech ⁴	Blue Hills Voc ⁵	Middleborough ⁶	Boston ⁷	
School Name	Billerica Memorial HS	Minuteman Regional HS	Stoughton HS	Somerville HS	Cape Cod Region Voc Tech	Blue Hills Regional Voc Tech	MSborough HS	Boston Arts Academy	
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	Addition / Renovation	New Construction	New Construction	
Enrollment	1,610	628	1,065	1,590	650	900	720	500	
GSF	325,191	257,745	214,860	369,496	220,880	292,400	166,650	153,476	
Assumed Start of Construction	Feb-17	Aug-17	Aug-17	Jun-18	Dec-18	May-18	Dec-17	Sep-18	
OPM	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.	PMA Consultants, LLC	
Designer	Perkins+Will	Kaestle Boos Associates, Inc.	Drumme Rosane Anderson, Inc.	Symmes Maini & McKee Associates, Inc.	Drumme Rosane Anderson, Inc.	Drumme Rosane Anderson, Inc.	Drumme Rosane Anderson, Inc.	Perkins Eastman/DPC	
Cost Estimator	Project Management & Cost	Coast and Harbor Associates, Inc.	Rider Levett Bucknall	VJ Associates of New England	Rider Levett Bucknall	Ellana, Inc.	Miyakoda Consulting	Project Management & Cost	
Division #	Description of Work								
A	Substructure	\$3,519,889	\$6,018,571	\$2,960,617	\$6,035,997	\$5,278,100	\$248,642	\$4,198,828	\$5,999,651
B	Shell	\$29,602,363	\$20,391,786	\$18,749,972	\$35,855,220	\$20,993,600	\$9,340,906	\$14,745,626	\$21,370,653
B10	Superstructure	\$12,929,882	\$8,674,815	\$7,774,475	\$12,519,992	\$7,838,500	\$470,970	\$6,146,235	\$9,050,697
B20	Exterior Enclosure	\$14,082,289	\$8,246,516	\$8,312,029	\$17,722,553	\$10,281,100	\$5,689,571	\$6,521,892	\$10,492,688
	B2010 Exterior Walls	\$8,625,095	\$8,246,516	\$5,952,208	\$12,835,308	\$5,092,200	\$0	\$4,507,560	\$5,325,295
	B2020 Exterior Windows	\$5,323,374		\$2,245,709	\$4,681,245	\$4,863,200	\$0	\$1,850,400	\$5,048,704
	B2030 Exterior Doors	\$133,820		\$114,112	\$206,000	\$325,800	\$0	\$163,932	\$118,689
B30	Roofing	\$2,590,192	\$3,470,455	\$2,663,468	\$5,612,675	\$2,874,000	\$3,180,365	\$2,077,499	\$1,827,268
C	Interiors	\$16,793,857	\$13,748,466	\$14,700,692	\$21,475,775	\$13,308,500	\$6,504,667	\$10,815,632	\$13,817,948
D	Services	\$29,610,267	\$25,631,184	\$19,574,104	\$43,459,701	\$22,861,600	\$30,349,460	\$16,602,130	\$19,195,122
D10	Conveying	\$327,000	\$365,350	\$405,000	\$740,000	\$225,000	\$334,250	\$310,525	\$626,800
D20	Plumbing	\$4,310,240	\$3,556,828	\$2,727,760	\$5,971,978	\$3,309,000	\$3,208,448	\$2,055,770	\$2,794,847
D30	HVAC	\$11,597,500	\$11,305,292	\$8,141,729	\$18,949,221	\$9,562,500	\$14,195,608	\$6,365,693	\$8,064,262
D40	Fire Protection	\$1,622,980	\$1,238,678	\$1,021,835	\$2,755,200	\$1,088,100	\$1,628,294	\$992,625	\$895,038
D50	Electrical Utilities	\$11,752,547	\$9,165,036	\$7,277,780	\$15,043,302	\$8,677,000	\$10,982,860	\$6,877,517	\$6,814,175
E	Furnishings & Fixed Equipment	\$5,872,590	\$5,883,466	\$2,525,388	\$4,739,258	\$2,697,200	\$345,835	\$4,179,673	\$4,065,020
	Building Value Engineering								
	Building Subtotal	\$85,398,966	\$71,673,473	\$58,510,773	\$111,565,951	\$65,139,000	\$46,789,510	\$50,541,889	\$64,448,394
F	Special Construction & Demo	\$7,045,280	\$3,209,008	\$3,015,750	\$10,536,145	\$2,513,900	\$3,828,102	\$2,969,000	\$2,554,140
G	Other Site Construction	\$13,223,137	\$8,784,416	\$8,783,777	\$21,944,804	\$9,237,900	\$813,153	\$11,160,446	\$1,379,290
G10	Site Preparation	\$2,322,677	\$2,457,415	\$2,071,146	\$6,434,250	\$2,043,000	\$390,618	\$1,779,286	\$295,958
G20	Site Improvements	\$7,501,210	\$3,622,404	\$4,674,490	\$12,818,914	\$4,512,500	\$332,035	\$6,580,306	\$608,502
G30	Mechanical Utilities	\$1,729,100	\$1,323,597	\$908,445	\$1,856,668	\$2,356,100	\$90,500	\$1,881,104	\$302,080
G40	Electrical Utilities	\$1,670,150	\$1,381,000	\$1,129,696	\$834,972	\$326,300	\$0	\$919,750	\$172,750
	Other Site Construction				\$0	\$0	\$0	\$0	\$0
	Subtotal	\$105,667,383	\$83,666,897	\$70,310,300	\$144,046,900	\$76,890,900	\$51,430,765	\$64,671,335	\$68,381,824
Z	Mark-Ups	\$28,766,422	\$26,840,326	\$21,286,127	\$38,483,421	\$21,125,900	\$16,105,233	\$15,090,574	\$22,466,346
Z	Insurance	\$12,435,144	\$1,572,592	\$988,762	\$2,373,693	\$1,473,400	\$942,309	\$763,536	\$1,168,050
Z	Subcontractor Bond	\$1,139,006	\$3,484,770	\$1,074,742	\$3,484,770	\$842,000	\$1,322,215	\$501,261	\$801,038
Z	Design & Pricing Contingency	\$10,566,738	\$8,366,689	\$7,304,276	\$11,567,703	\$8,910,600	\$5,143,077	\$6,170,233	\$6,838,182
Z	General Conditions	\$9,004,650	\$7,619,380	\$4,613,400	\$14,288,470	\$4,379,086	\$5,326,993	\$8,655,546	\$8,655,546
Z	Overhead & Profit / GMP Fee	\$3,064,354	\$3,485,700	\$2,579,380	\$3,645,505	\$5,286,500	\$1,450,252	\$2,328,551	\$2,274,332
Z	GMP Contingency	\$2,700,186	\$3,271,689	\$1,719,587	\$3,123,280	\$0	\$2,868,294	\$0	\$2,729,198
	Construction Subtotal	\$134,433,805	\$110,507,223	\$91,596,427	\$182,530,321	\$98,016,700	\$67,535,998	\$79,761,909	\$90,848,170
	Project Scope Adjustments								
Z	Escalation to Construction Mid-Point	\$6,340,043	\$8,693,669	\$5,632,303	\$16,521,389	\$6,207,100	\$2,973,859	\$3,007,989	\$5,128,637
	Total Construction Cost	\$140,773,848	\$119,200,892	\$97,228,730	\$199,051,710	\$104,223,800	\$70,509,857	\$82,769,898	\$95,976,807
	Cost per Square Foot	\$433	\$462	\$453	\$539	\$472	\$241	\$497	\$625
Bid Alternates		\$6,516,200	\$3,732,461	\$0	\$0	\$0	\$0	\$812,500	\$0
CM Pre-Construction Services	\$250,000	\$420,000	\$150,000	\$696,198	\$0	\$0	\$181,000	\$0	\$500,000
Construction Contingency	\$7,150,111	\$5,000,000	\$4,038,448	\$12,764,470	\$3,126,700	\$3,200,000	\$4,138,495	\$6,718,376	
Designer	\$15,085,710	\$11,393,800	\$10,551,120	\$22,805,171	\$11,050,549	\$7,365,986	\$9,202,200	\$11,723,293	
OPM & other Professional services	\$5,004,648	\$4,173,183	\$3,629,642	\$10,096,956	\$3,737,832	\$2,555,925	\$3,059,119	\$3,914,122	
FF&E/IT	\$5,071,500	\$1,507,200	\$2,756,000	\$5,096,000	\$3,306,500	\$175,000	\$2,543,040	\$2,200,000	
Legal Fees	\$100,000	\$0	\$20,000	\$10,000	\$0	\$75,000	\$20,000	\$100,000	
Other Soft Costs	\$1,250,000	\$2,035,396	\$462,000	\$3,790,000	\$743,800	\$500,000	\$516,000	\$2,855,000	
Owner's Contingency	\$1,311,472	\$1,192,009	\$972,287	\$1,672,199	\$1,873,700	\$300,000	\$413,849	\$767,814	
	Total Project Budget ***	\$175,997,289	\$151,438,680	\$123,540,688	\$255,982,704	\$128,062,881	\$84,862,768	\$103,475,101	\$124,755,412
Bid Alternates	\$0	\$6,516,200	\$0	\$0	\$0	\$0	\$0	\$0	
Ineligible Costs & Contingency	\$5,930,038	\$3,807,991	\$3,066,161	\$8,783,436	\$2,158,241	\$1,789,803	\$3,315,374	\$5,758,608	
Scope Exclusions	\$40,644,736	\$40,095,359	\$34,324,555	\$82,551,497	\$32,207,304	\$3,595,523	\$29,504,859	\$49,491,816	
	Basis for Total Facilities Grant	\$129,422,515	\$101,019,130	\$86,149,972	\$164,647,771	\$93,697,336	\$79,477,442	\$70,654,868	\$69,504,988
	Reimbursement Rate	56.99%	44.75%	60.66%	75.29%	45.45%	55.89%	61.29%	70.36%
	Maximum Facilities Grant	\$73,757,891	\$45,206,061	\$52,258,573	\$123,963,307	\$42,585,439	\$44,419,942	\$43,304,369	\$48,903,710

4 - Cape Cod RTHS- The Maximum Facilities Grant reflects the recovery of \$73,779.
5 - Blue Hills Regional Voc Tech - The Maximum Facilities Grant reflects the recovery of \$25,866.
6 - Middleborough High School - The Maximum Facilities Grant reflects the recovery of \$4,578.
7 - Boston - Max. Facilities Grant reflects the recovery of \$13,090.

Information as of:

**February 2024
Board Meeting**

Date Board Approved	Dec-17	Feb-18	Feb-18	Aug-18	Feb-19	Apr-19	Apr-19	Apr-19	
District	Worcester ⁸	Attleboro ⁹	Fall River ¹⁰	Belmont ¹¹	Waltham ¹²	Pentucket ¹³	Arlington ¹⁴	Central Berkshire ¹⁵	
School Name	South HS Community	Attleboro HS	B M C Durfee HS	Belmont HS	Waltham Sr HS	Pentucket Regional Sr HS	Arlington HS	Wahconah Regional 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	New Construction	New Construction	
Enrollment	1,420	1,725	2,570	2,215	1,830	965	1,755	460	
GSF	359,994	476,425	501,330	445,100	414,854	211,700	408,590	122,760	
Assumed Start of Construction	Oct-18	May-19	Aug-18	Apr-19	Nov-21	Apr-20	Apr-19	Mar-20	
OPM	Turner & Townsend Heery	Skanska USA Building, Inc	Leftfield, LLC	CHA Consulting, Inc.	Leftfield, LLC	Vertex (Eng.) Construction Services	Skanska USA Building, Inc	Skanska USA Building, Inc	
Designer	Lamoureux Pagano Associates Architects, Inc.	Kaestle Boos Associates, Inc.	Ai3 Architects LLC	Perkins+Will	Symmes Maini & McKee Associates, Inc.	Dore & Whittier Architects, Inc.	HMFH Architects, Inc.	Drummeay Rosane Anderson, Inc.	
Cost Estimator	A M Fogarty & Associates Inc.	Miyakoda Consulting	Project Management & Cost	Project Management & Cost	A M Fogarty & Associates Inc.	Project Management & Cost	Project Management & Cost	Ellana, Inc.	
Division #	Description of Work								
A	Substructure	\$7,779,638	\$7,491,254	\$10,040,225	\$12,811,842	\$13,575,890	\$5,055,863	\$13,474,721	\$2,187,846
B	Shell	\$31,355,727	\$42,865,549	\$40,325,500	\$45,255,237	\$46,763,979	\$24,992,845	\$47,397,378	\$13,238,981
B10	Superstructure	\$13,537,973	\$19,192,257	\$15,066,451	\$19,448,977	\$16,961,758	\$8,901,362	\$21,791,712	\$4,921,782
B20	Exterior Enclosure	\$14,292,278	\$17,912,962	\$20,698,812	\$22,017,933	\$24,924,453	\$13,305,293	\$21,017,633	\$6,567,161
B2010	Exterior Walls	\$9,937,200	\$10,363,543	\$20,698,812	\$16,444,485	\$16,444,485	\$8,147,648	\$13,176,119	\$6,567,161
B2020	Exterior Windows	\$4,168,568	\$7,258,819	\$0	\$6,851,259	\$8,194,385	\$4,922,565	\$7,543,582	\$0
B2030	Exterior Doors	\$186,510	\$290,600	\$0	\$203,770	\$285,583	\$235,080	\$297,932	\$0
B30	Roofing	\$3,525,476	\$5,760,330	\$4,560,237	\$3,788,327	\$4,877,768	\$2,786,190	\$4,588,033	\$1,750,038
C	Interiors	\$22,311,169	\$25,504,031	\$31,331,576	\$30,971,091	\$34,596,365	\$13,668,593	\$30,023,786	\$8,304,518
D	Services	\$36,897,131	\$50,329,674	\$49,815,273	\$53,904,660	\$51,359,205	\$23,241,404	\$49,299,133	\$14,341,661
D10	Conveying	\$377,074	\$320,000	\$394,300	\$407,000	\$422,675	\$375,000	\$615,000	\$130,000
D20	Plumbing	\$4,923,262	\$6,729,300	\$6,886,573	\$6,636,640	\$7,612,924	\$3,116,925	\$6,656,440	\$1,781,270
D30	HVAC	\$14,007,717	\$19,959,264	\$19,130,818	\$25,050,557	\$24,449,711	\$10,455,885	\$25,607,633	\$5,806,998
D40	Fire Protection	\$1,529,975	\$2,027,300	\$2,193,247	\$2,008,225	\$2,442,470	\$1,011,715	\$2,042,950	\$597,485
D50	Electrical Utilities	\$16,059,103	\$21,293,810	\$21,210,335	\$19,802,238	\$16,431,425	\$8,281,879	\$14,377,110	\$6,025,908
E	Furnishings & Fixed Equipment	\$6,668,705	\$8,792,157	\$7,241,448	\$8,328,615	\$6,573,749	\$3,524,653	\$5,844,282	\$2,378,322
	Building Value Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Building Subtotal	\$105,012,370	\$134,982,665	\$138,754,022	\$151,271,445	\$152,869,188	\$70,483,358	\$146,039,300	\$40,451,328
F	Special Construction & Demo	\$4,298,200	\$7,856,000	\$7,445,625	\$9,936,375	\$1,021,610	\$4,200,098	\$7,414,100	\$1,150,000
G	Other Site Construction	\$20,575,764	\$15,707,685	\$17,080,054	\$14,350,958	\$32,929,683	\$16,592,585	\$18,625,642	\$4,759,272
G10	Site Preparation	\$6,911,203	\$2,861,393	\$3,116,961	\$1,991,873	\$32,783,529	\$3,952,646	\$5,704,532	\$1,387,025
G20	Site Improvements	\$8,917,481	\$12,846,292	\$8,783,373	\$9,290,810	\$138,154	\$6,929,449	\$8,712,200	\$2,242,366
G30	Mechanical Utilities	\$3,141,045	\$0	\$4,346,370	\$1,455,400	\$8,000	\$2,001,980	\$1,548,710	\$904,977
G40	Electrical Utilities	\$1,606,035	\$0	\$833,350	\$1,612,875	\$0	\$461,280	\$2,660,200	\$224,904
	Other Site Construction	\$0	\$0	\$0	\$0	\$31,353,309	\$3,247,230	\$0	\$0
	Subtotal	\$129,886,334	\$158,546,350	\$163,279,701	\$175,558,778	\$218,173,790	\$91,276,041	\$172,079,042	\$46,360,600
Z	Mark-Ups	\$33,496,327	\$46,940,391	\$41,847,362	\$49,815,631	\$63,250,000	\$22,746,631	\$47,720,671	\$10,926,931
Z	Insurance	\$2,246,382	\$2,653,742	\$4,019,538	\$3,910,468	\$3,500,000	\$2,021,200	\$2,214,657	\$560,366
Z	Subcontractor Bond	\$1,402,468	\$2,369,412	\$0	\$0	\$2,350,000	\$0	\$1,509,994	\$840,549
Z	Design & Pricing Contingency	\$11,689,770	\$15,631,941	\$16,327,970	\$14,946,558	\$21,500,000	\$9,127,604	\$13,766,323	\$3,255,742
Z	General Conditions	\$9,694,298	\$8,640,000	\$22,471,465	\$21,500,000	\$8,068,609	\$18,493,299	\$3,674,337	\$0
Z	Overhead & Profit / GMP Fee	\$4,216,126	\$12,432,589	\$18,695,525	\$4,451,569	\$5,900,000	\$2,480,000	\$5,029,885	\$1,351,778
Z	GMP Contingency	\$4,247,283	\$5,212,707	\$2,804,329	\$4,035,571	\$8,500,000	\$1,049,218	\$6,706,513	\$1,244,159
	Construction Subtotal	\$163,382,661	\$205,486,741	\$205,127,063	\$225,374,409	\$281,423,790	\$114,022,672	\$219,799,713	\$57,287,531
	Project Scope Adjustments	\$0	\$17,601,571	\$5,364,960	\$0	\$0	\$0	\$0	\$0
Z	Escalation to Construction Mid-Point	\$9,478,520	\$0	\$7,347,587	\$11,273,198	\$17,500,000	\$4,518,164	\$15,487,114	\$2,297,501
	Total Construction Cost	\$172,861,181	\$223,088,312	\$217,839,610	\$236,647,607	\$298,923,790	\$118,540,836	\$235,286,827	\$59,585,032
	Cost per Square Foot	\$480	\$468	\$435	\$532	\$721	\$560	\$576	\$485
Bid Alternates	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CM Pre-Construction Services	\$250,000	\$350,000	\$270,000	\$446,582	\$600,000	\$212,700	\$500,000	\$200,000	
Construction Contingency	\$8,643,059	\$2,230,883	\$6,321,740	\$14,200,000	\$14,946,190	\$5,215,797	\$7,075,741	\$2,103,058	
Designer	\$15,157,794	\$20,078,000	\$22,095,355	\$22,731,000	\$35,590,189	\$13,351,945	\$25,010,919	\$6,120,000	
OPM & other Professional services	\$4,467,802	\$7,710,985	\$7,485,500	\$7,746,000	\$10,053,348	\$4,370,642	\$7,837,328	\$2,095,000	
FF&E/IT	\$5,680,000	\$4,140,000	\$6,168,000	\$7,088,000	\$9,774,632	\$2,895,000	\$8,073,000	\$1,497,000	
Legal Fees	\$50,000	\$0	\$20,000	\$100,000	\$0	\$10,000	\$100,000	\$20,000	
Other Soft Costs	\$730,000	\$1,150,000	\$1,150,000	\$4,200,000	\$1,690,000	\$550,000	\$4,198,198	\$400,000	
Owner's Contingency	\$2,131,404	\$1,170,000	\$2,143,920	\$2,000,000	\$2,989,238	\$1,185,408	\$2,769,807	\$701,019	
	Total Project Budget ***	\$209,971,240	\$259,918,180	\$263,494,125	\$295,159,189	\$374,567,387	\$146,332,328	\$290,851,820	\$72,721,109
Bid Alternates	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Ineligible Costs & Contingency	\$6,914,447	\$1,215,489	\$2,636,613	\$9,467,048	\$11,956,952	\$47,773,536	\$4,722,873	\$1,507,208	
Scope Exclusions	\$58,592,691	\$68,232,148	\$47,832,759	\$87,237,872	\$176,472,093	\$4,030,389	\$113,056,080	\$18,533,959	
	Basis for Total Facilities Grant	\$144,464,102	\$190,470,543	\$213,024,753	\$198,454,269	\$186,138,342	\$94,528,403	\$173,072,867	\$52,679,942
	Reimbursement Rate	80.00%	66.65%	80.00%	40.66%	65.71%	57.63%	49.72%	59.44%
	Maximum Facilities Grant	\$115,571,282	\$126,948,617	\$170,419,802	\$80,691,506	\$122,311,505	\$54,476,719	\$86,051,829	\$31,312,958

8 - Worcester - Max. Facilities Grant reflects the recovery of \$13,593.

9 - Attleboro HS - The Maximum Facilities Grant reflects the recovery of \$1,215,489.

10 - Fall River Durfee BMC HS - The Maximum Facilities Grant reflects the recovery of \$671,665.

11 - Belmont HS - The Maximum Facilities Grant reflects the recovery of \$47,227.

12 - Waltham HS - The Maximum Facilities Grant reflects the recovery of \$9,234.

13 - Pentucket Regional Sr HS - The Maximum Facilities Grant reflects the recovery of \$358,113.

14 - Arlington HS - The Maximum Facilities Grant reflects the recovery of \$32,184.

15 - Wahconah Regional HS - The Maximum Facilities Grant reflects the recovery of \$1,431.

Information as of:

**February 2024
Board Meeting**

Date Board Approved	Apr-19	Jun-19	Oct-19	Feb-20	Aug-20	Aug-21	Aug-21	Oct-21	
District	Lowell ¹⁶	Saugus ¹⁷	Sharon ¹⁸	Nauset ¹⁹	Worcester ²⁰	Northeast Metropolitan Regional Voc Tech ²¹	Stoneham ²²	Bristol-Plymouth Regional Voc Tech ²³	
School Name	Lowell 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	Addition / Renovation	New Construction	New Construction	Addition / Renovation	New Construction	New Construction	New Construction	New Construction	
Enrollment	3,520	1,360	1,250	905	1,670	1,600	695	1,434	
GSF	622,777	269,070	240,204	214,250	421,858	386,630	207,077	419,765	
Assumed Start of Construction	Mar-21	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	Perkins Eastman/DPC	HMFH Architects, Inc.	Tappe Architects, Inc.	Flansburgh Associates, Inc.	Lamoureux Pagano Associates Architects, Inc.	Drumrey 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	
Division #	Description of Work								Total Cost
A	Substructure	\$8,821,761	\$4,691,092	\$5,558,180	\$1,914,674	\$10,411,315	\$7,102,544	\$6,330,206	\$11,152,355
B	Shell	\$43,205,592	\$23,089,994	\$24,653,902	\$19,423,654	\$42,776,922	\$47,049,999	\$24,343,489	\$47,707,785
	B10 Superstructure	\$16,763,727	\$10,938,078	\$10,467,052	\$5,548,289	\$17,422,452	\$22,922,963	\$10,835,255	\$19,498,083
	B20 Exterior Enclosure	\$21,755,675	\$9,414,509	\$9,850,484	\$11,998,628	\$20,768,534	\$18,244,496	\$10,404,191	\$21,554,813
	B2010 Exterior Walls	\$10,053,749	\$5,639,966	\$6,443,745	\$0	\$13,885,789	\$17,286,796	\$6,895,962	\$13,578,834
	B2020 Exterior Windows	\$11,262,654	\$3,632,103	\$3,205,499	\$0	\$6,674,954	\$79,800	\$3,273,694	\$7,347,659
	B2030 Exterior Doors	\$439,272	\$142,440	\$201,240	\$0	\$207,791	\$877,900	\$234,535	\$628,320
	B30 Roofing	\$4,686,190	\$2,737,407	\$4,336,366	\$1,876,737	\$4,585,936	\$5,882,540	\$3,104,043	\$6,654,889
C	Interiors	\$38,191,310	\$18,632,387	\$18,171,110	\$14,968,687	\$31,840,046	\$27,712,012	\$15,654,917	\$30,215,211
D	Services	\$67,085,379	\$26,094,271	\$26,691,340	\$27,366,156	\$50,420,771	\$49,488,001	\$27,711,582	\$56,393,722
	D10 Conveying	\$1,305,000	\$350,000	\$246,200	\$430,900	\$598,000	\$495,000	\$461,971	\$683,575
	D20 Plumbing	\$9,392,145	\$3,551,465	\$4,309,842	\$3,803,718	\$7,500,591	\$6,718,112	\$3,481,213	\$8,088,292
	D30 HVAC	\$31,917,803	\$11,402,776	\$11,343,145	\$11,972,794	\$21,007,499	\$22,233,115	\$13,104,795	\$27,634,548
	D40 Fire Protection	\$3,255,044	\$987,025	\$1,240,344	\$1,404,688	\$2,323,250	\$2,257,047	\$1,279,328	\$2,595,553
	D50 Electrical Utilities	\$21,215,387	\$9,803,005	\$9,551,809	\$9,754,056	\$18,991,431	\$17,784,727	\$9,384,275	\$17,391,754
E	Furnishings & Fixed Equipment	\$10,307,430	\$4,613,668	\$4,666,686	\$4,571,634	\$8,386,082	\$4,160,050	\$5,509,153	\$7,098,375
	Building Value Engineering								
	Building Subtotal	\$167,611,472	\$77,121,412	\$79,741,218	\$68,244,805	\$143,835,136	\$135,512,606	\$79,549,347	\$152,567,448
F	Special Construction & Demo	\$20,673,185	\$5,160,025	\$2,962,560	\$3,373,342	\$11,749,798	\$3,702,853	\$4,390,011	\$4,175,638
G	Other Site Construction	\$7,003,247	\$13,337,293	\$11,471,383	\$8,676,159	\$20,378,558	\$34,955,475	\$29,953,071	\$22,974,031
	G10 Site Preparation	\$1,533,100	\$1,537,045	\$2,012,996	\$8,676,159	\$8,003,706	\$12,235,063	\$6,814,168	\$4,867,439
	G20 Site Improvements	\$3,726,267	\$8,984,703	\$7,174,047	\$0	\$7,900,598	\$12,583,194	\$12,844,618	\$11,197,862
	G30 Mechanical Utilities	\$601,120	\$1,933,225	\$1,619,840	\$0	\$2,996,106	\$8,046,500	\$6,571,169	\$4,502,960
	G40 Electrical Utilities	\$1,142,760	\$882,320	\$664,500	\$0	\$1,478,148	\$2,090,718	\$3,723,116	\$2,405,770
	Other Site Construction		\$1,268,597	\$185,000	\$185,000	\$1,532,526	\$4,219,132	\$2,228,504	\$2,318,680
	Subtotal	\$195,287,904	\$95,618,730	\$95,443,758	\$80,479,306	\$177,496,018	\$178,390,066	\$116,120,933	\$182,035,797
Z	Mark-Ups	\$9,558,263	\$27,285,689	\$26,530,645	\$20,365,852	\$52,365,025	\$46,982,941	\$32,674,657	\$47,927,593
Z	Insurance	\$4,023,086	\$2,650,551	\$1,958,506	\$1,284,248	\$3,095,503	\$4,626,775	\$1,861,022	\$2,956,261
Z	Subcontractor Bond		\$979,253	\$939,998	\$1,949,020	\$2,624,843	\$1,774,629	\$2,639,519	\$2,639,519
Z	Design & Pricing Contingency	\$18,351,399	\$10,039,967	\$9,544,376	\$8,047,931	\$17,749,602	\$13,379,255	\$11,557,673	\$18,203,580
Z	General Conditions	\$23,698,563	\$5,760,000	\$9,152,235	\$7,809,583	\$8,225,000	\$5,490,124	\$18,252,976	\$18,252,976
Z	Overhead & Profit / GMP Fee	\$6,129,643	\$5,521,982	\$2,720,157	\$2,304,092	\$15,488,531	\$4,189,527	\$8,659,087	\$5,875,257
Z	GMP Contingency	\$7,355,572	\$3,313,189	\$2,176,118	\$0	\$5,857,369	\$5,430,976	\$3,332,122	\$0
	Construction Subtotal	\$254,846,167	\$122,904,419	\$121,974,403	\$100,845,158	\$229,861,043	\$225,373,007	\$148,795,590	\$229,963,390
	Project Scope Adjustments								
Z	Escalation to Construction Mid-Point	\$15,598,689	\$4,780,937	\$3,817,750	\$3,863,007	\$9,049,633	\$18,218,085	\$4,623,070	\$10,922,148
	Total Construction Cost	\$270,444,856	\$127,685,356	\$125,792,153	\$104,708,165	\$238,910,676	\$243,591,092	\$153,418,660	\$240,885,538
	Cost per Square Foot	\$434	\$475	\$524	\$489	\$566	\$630	\$741	\$574
Bid Alternates			\$0						
CM Pre-Construction Services	\$800,000	\$400,000	\$450,000	\$0	\$700,000	\$450,000	\$258,528		
Construction Contingency	\$18,930,780	\$7,046,121	\$6,319,608	\$5,200,000	\$8,225,725	\$15,650,000	\$7,670,933	\$14,453,132	
Designer	\$28,656,356	\$13,708,536	\$13,620,320	\$11,370,000	\$21,196,550	\$15,840,000	\$28,216,134		
OPM & other Professional services	\$9,488,726	\$5,286,306	\$5,022,725	\$3,725,000	\$5,387,595	\$11,137,949	\$4,995,100	\$12,750,000	
FF&E/IT	\$10,934,775	\$4,896,000	\$4,500,000	\$2,805,500	\$7,014,000	\$10,816,500	\$2,502,000	\$6,883,200	
Legal Fees	\$25,000	\$25,000	\$25,000	\$15,000	\$0	\$50,000	\$120,000	\$50,000	
Other Soft Costs	\$2,090,912	\$705,000	\$805,000	\$3,552,000	\$982,000	\$2,625,000	\$1,720,000	\$1,125,000	
Owner's Contingency	\$2,052,815	\$968,234	\$6,465,194	\$450,000	\$10,967,632	\$4,002,079	\$3,068,373	\$1,204,428	
	Total Project Budget ***	\$343,399,220	\$160,720,553	\$163,000,000	\$131,825,665	\$293,384,178	\$317,422,620	\$189,593,594	\$305,567,432
Bid Alternates			\$0						
Ineligible Costs & Contingency	\$13,521,883	\$7,509,936	\$5,061,686	\$3,105,837	\$5,836,618	\$15,998,213	\$8,438,026	\$12,044,277	
Scope Exclusions	\$59,875,030	\$39,159,674	\$46,568,450	\$43,297,114	\$118,438,936	\$118,103,084	\$92,231,965	\$91,802,544	
	Basis for Total Facilities Grant	\$270,002,307	\$114,050,943	\$111,369,864	\$85,422,714	\$169,108,624	\$183,321,323	\$88,923,603	\$201,720,611
	Reimbursement Rate	80.00%	57.72%	48.95%	43.39%	80.00%	76.84%	55.10%	62.25%
	Maximum Facilities Grant	\$216,001,846	\$65,830,204	\$54,515,548	\$37,064,916	\$135,286,899	\$140,864,105	\$48,996,905	\$125,571,080

16 - Lowell HS - The Maximum Facilities Grant reflects the recovery of \$9,440.

17 - Saugus High School - The Maximum Facilities Grant reflects the recovery of \$1,740,669.

18 - Sharon HS - The Maximum Facilities Grant reflects the recovery of \$692,543

19 - Nauset Regional HS - The Maximum Facilities Grant reflects the recovery of \$388,439.

20 - Worcester Doherty HS - The Maximum Facilities Grant reflects the recovery of \$45,875.

21 - Northeast Metro RVT - The Maximum Facilities Grant reflects the recovery of \$12,186.

22 - Stoneham HS - The Maximum Facilities Grant reflects the recovery of \$28,843.

23 - Bristol Plymouth RVT - The Maximum Facilities Grant reflects the recovery of \$1,322.

Information as of:

**February 2024
Board Meeting**

Date Board Approved	Dec-21	Mar-22	Mar-22	Jun-22	Dec-22	Aug-23	Aug-23	Oct-23	
District	Greater Fall River Regional Voc Tech ²⁴	Watertown ²⁵	Webster ²⁶	Spencer-E Brookfield ²⁷	Wakefield ²⁸	Nashoba ²⁹	Tri County ³⁰	East Longmeadow ³¹	
School Name	Diman Regional Voc Tech HS	Watertown HS	Bartlett Jr Sr HS Sch	David Prouty HS	Wakefield Memorial HS	Nashoba Regional	Tri County Reg Voc Tech	East Longmeadow High	
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	New Construction	New Construction	
Enrollment	1,500	720	445	305	1,000	925	1,000	800	
GSF	394,650	258,914	161,436	126,823	259,847	209,529	281,500	191,796	
Assumed Start of Construction	Oct-23	Jul-23	Nov-23	Jun-23	Apr-24	Aug-24	Apr-25	Jul-24	
OPM	Colliers Project Leaders NE, LLC	Compass Project Management, Inc.	Colliers Project Leaders NE, LLC	Colliers Project Leaders NE, LLC	Leftfield, LLC	Skanska USA Building, Inc	Dore & Whittier Management Partners, Inc.	Skanska USA Building, Inc	
Designer	Kaestle Boos Associates, Inc.	Ai3 Architects LLC	Flansburgh Associates, Inc.	Jones Whitsett Architects, Inc.	Symmes Maini & McKee Associates, Inc.	Kaestle Boos Associates, Inc.	Drummey Rosane Anderson, Inc.	Jones Whitsett Architects, Inc.	
Cost Estimator	Project Management & Cost	Project Management & Cost	Project Management & Cost	Project Management & Cost	Project Management & Cost	Project Management & Cost	Ellana, Inc.	Project Management & Cost	
Division #	Description of Work								
A	Substructure	\$9,840,500	\$6,735,836	\$1,089,600	\$2,930,361	\$10,629,299	\$10,971,871	\$7,407,254	\$5,693,237
B	Shell	\$42,326,400	\$32,185,197	\$10,938,700	\$16,105,979	\$41,522,941	\$30,218,923	\$39,539,911	\$26,925,082
B10	Superstructure	\$23,775,200	\$14,511,532	\$2,991,000	\$4,744,897	\$17,732,892	\$12,471,799	\$18,082,367	\$8,478,362
B20	Exterior Enclosure	\$15,020,400	\$14,888,702	\$4,919,800	\$7,610,306	\$17,243,021	\$0	\$0	\$0
B2010	Exterior Walls	\$0	\$8,400,237	\$2,807,800	\$5,060,827	\$10,524,501	\$7,078,623	\$8,337,828	\$8,588,560
B2020	Exterior Windows	\$0	\$6,199,325	\$1,883,300	\$2,341,893	\$6,583,870	\$3,842,789	\$5,881,412	\$4,813,841
B2030	Exterior Doors	\$0	\$289,140	\$228,700	\$207,586	\$134,650	\$277,919	\$731,086	\$201,930
B30	Roofing	\$3,530,800	\$2,784,963	\$3,027,900	\$3,750,776	\$6,547,028	\$6,547,793	\$6,507,218	\$4,842,389
C	Interiors	\$27,407,000	\$18,544,435	\$8,397,500	\$9,838,720	\$27,892,459	\$20,491,828	\$27,877,486	\$16,015,908
D	Services	\$63,475,200	\$32,971,131	\$19,978,900	\$17,507,194	\$49,027,871	\$45,730,635	\$54,305,167	\$33,709,191
D10	Conveying	\$538,400	\$742,925	\$240,000	\$279,937	\$439,800	\$324,000	\$513,590	\$176,438
D20	Plumbing	\$7,741,400	\$3,840,493	\$3,056,400	\$2,395,095	\$6,198,105	\$4,907,624	\$7,815,116	\$4,435,669
D30	HVAC	\$36,597,100	\$11,393,814	\$8,927,600	\$7,754,239	\$25,711,209	\$24,567,016	\$24,290,471	\$14,772,081
D40	Fire Protection	\$2,426,100	\$1,571,344	\$929,900	\$759,558	\$2,029,113	\$1,684,536	\$2,780,495	\$1,566,429
D50	Electrical Utilities	\$16,172,200	\$15,422,555	\$6,825,000	\$6,318,365	\$14,649,644	\$14,247,439	\$18,905,495	\$12,758,574
E	Furnishings & Fixed Equipment	\$8,131,100	\$3,621,296	\$1,876,900	\$2,645,108	\$6,448,896	\$3,905,611	\$5,226,263	\$6,145,949
	Building Value Engineering								
	Building Subtotal	\$151,180,200	\$94,057,895	\$42,281,600	\$49,027,362	\$135,521,466	\$111,318,868	\$134,356,081	\$88,489,367
F	Special Construction & Demo	\$9,118,794	\$7,528,451	\$3,301,000	\$3,763,279	\$4,858,776	\$5,090,768	\$5,635,828	\$3,792,264
G	Other Site Construction	\$20,127,300	\$6,164,436	\$5,428,800	\$14,020,292	\$20,309,510	\$19,381,180	\$27,685,429	\$21,971,646
G10	Site Preparation	\$3,791,900	\$1,046,761	\$1,024,000	\$3,212,173	\$4,999,532	\$4,130,668	\$10,131,734	\$4,734,654
G20	Site Improvements	\$11,778,200	\$2,500,565	\$3,061,100	\$6,364,601	\$8,297,202	\$9,695,655	\$10,313,179	\$12,251,093
G30	Mechanical Utilities	\$2,917,900	\$2,178,010	\$741,900	\$2,502,245	\$4,960,168	\$3,636,207	\$4,958,419	\$2,647,298
G40	Electrical Utilities	\$1,639,300	\$439,100	\$601,800	\$1,941,273	\$2,052,608	\$1,918,650	\$2,282,097	\$2,338,601
	Other Site Construction	\$0	\$150,000	\$7,732,400	\$0	\$0	\$750,000	\$0	\$0
	Subtotal	\$180,426,294	\$107,900,782	\$58,743,800	\$66,810,933	\$160,689,752	\$136,540,816	\$167,677,338	\$114,253,277
Z	Mark-Ups	\$52,829,700	\$24,459,837	\$15,469,800	\$18,764,276	\$46,828,023	\$44,707,038	\$47,123,238	\$26,724,461
Z	Insurance	\$2,505,200	\$1,413,559	\$625,000	\$1,875,455	\$2,625,020	\$2,353,144	\$4,310,375	\$2,137,678
Z	Subcontractor Bond	\$2,455,700	\$1,124,833	\$910,600	\$0	\$3,712,091	\$2,101,022	\$1,705,183	\$704,298
Z	Design & Pricing Contingency	\$18,035,100	\$10,790,078	\$6,063,700	\$5,338,416	\$17,255,472	\$13,654,082	\$11,751,510	\$8,568,996
Z	General Conditions	\$19,127,400	\$7,749,630	\$5,547,500	\$7,057,599	\$14,416,696	\$16,083,270	\$10,557,568	\$9,847,252
Z	Overhead & Profit / GMP Fee	\$5,850,100	\$3,381,737	\$2,323,000	\$2,113,244	\$4,504,876	\$4,715,480	\$13,791,610	\$2,824,776
Z	GMP Contingency	\$4,856,200	\$0	\$0	\$2,379,562	\$4,313,868	\$5,800,040	\$5,006,992	\$2,641,461
	Construction Subtotal	\$233,255,994	\$132,360,619	\$74,213,600	\$85,575,209	\$207,517,775	\$181,247,854	\$214,800,576	\$140,977,738
	Project Scope Adjustments								
Z	Escalation to Construction Mid-Point	\$9,044,300	\$6,290,616	\$3,972,300	\$5,642,465	\$12,941,604	\$17,886,847	\$18,466,659	\$6,560,175
	Total Construction Cost	\$242,300,294	\$138,651,235	\$78,185,900	\$91,217,674	\$220,459,379	\$199,134,701	\$233,267,235	\$147,537,913
	Cost per Square Foot	\$614	\$536	\$484	\$719	\$848	\$950	\$829	\$769
Bid Alternates		\$1,987,500	\$0	\$0	\$0	\$3,438,360	\$0	\$0	\$0
CM Pre-Construction Services		\$150,000	\$0	\$0	\$150,000	\$340,000	\$500,000	\$399,300	\$300,000
Construction Contingency		\$7,269,009	\$6,932,561	\$4,000,000	\$2,750,000	\$11,022,969	\$3,982,694	\$9,193,962	\$2,760,000
Designer		\$23,436,569	\$15,947,891	\$9,472,300	\$23,666,410	\$19,660,393	\$22,844,996	\$16,118,792	\$16,118,792
OPM & other Professional services		\$8,926,884	\$5,202,429	\$3,020,844	\$3,882,618	\$8,719,191	\$9,634,291	\$7,636,004	\$5,453,947
FF&E/IT		\$3,600,000	\$3,456,000	\$1,602,000	\$1,185,000	\$4,300,000	\$4,853,500	\$7,000,000	\$3,360,000
Legal Fees		\$75,000	\$35,000	\$0	\$0	\$0	\$0	\$50,000	\$50,000
Other Soft Costs		\$2,100,000	\$28,742,164	\$3,136,000	\$675,000	\$1,100,000	\$1,958,000	\$3,750,000	\$500,000
Owner's Contingency		\$3,634,504	\$2,494,393	\$2,000,000	\$1,500,000	\$2,204,594	\$1,991,347	\$1,851,195	\$1,380,000
	Total Project Budget ***	\$293,479,760	\$201,461,673	\$101,417,044	\$111,587,059	\$275,250,903	\$241,714,926	\$285,992,692	\$177,460,652
Bid Alternates		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Ineligible Costs & Contingency		\$7,269,009	\$7,347,186	\$3,654,423	\$1,513,470	\$9,920,672	\$2,987,020	\$7,546,149	\$1,926,931
Scope Exclusions		\$99,828,376	\$102,114,488	\$30,917,151	\$46,958,997	\$159,580,668	\$121,098,812	\$131,359,969	\$42,605,065
	Basis for Total Facilities Grant	\$186,382,375	\$91,999,999	\$66,845,470	\$63,114,592	\$105,749,563	\$117,629,094	\$147,086,574	\$132,928,656
	Reimbursement Rate	79.77%	49.33%	80.00%	74.19%	53.14%	55.09%	56.56%	61.95%
	Maximum Facilities Grant	\$148,677,221	\$45,383,600	\$53,476,376	\$46,824,716	\$56,195,318	\$64,801,868	\$83,192,166	\$82,349,302

24 - Greater Fall River RSD - The Maximum Facilities Grant reflects the recovery of \$5,282.

25 - Watertown High - The Maximum Facilities Grant reflects the recovery of \$74,285.

26 - Webster Bartlett Jr Sr High Sch - The Maximum Facilities Grant reflects the recovery of \$22,577.

27 - Spencer-East Brookfield Regional School District David Prouty High School - The Maximum Facilities Grant reflects the recovery of \$4,414.

28 - Wakefield Memorial - The Maximum Facilities Grant reflects the recovery of \$63,288

29 - Nashoba RHS - The maximum total facilities grant reflects the Cx Cost of \$8,417

30 - Tri County Reg Voc Tech - The maximum total facilities grant reflects the Cx Cost of \$16,509, and the recovery of \$444,880

31 - East Longmeadow High - The maximum total facilities grant reflects the Cx Cost of \$11,221

Information as of:

**February 2024
Board Meeting**

Date Board Approved		Dec-23			
District		Whittier Voc ³²		TOTAL ALL HIGH SCHOOLS	
School Name		Whittier Regional Vocational			
Project Type		Core Program			
Project Scope		New Construction			
Enrollment		1,280			
GSF		380,758			
Assumed Start of Construction		Apr-25			
OPM		Leftfield, LLC			
Designer		J.C.J Architecture, PC			
Cost Estimator		Ellana, Inc.			
Division #	Description of Work				
A	Substructure		\$10,931,654		\$248,876,702
B	Shell		\$54,003,885		\$1,137,557,053
B10	Superstructure		\$25,019,910		\$465,092,498
B20	Exterior Enclosure		\$0		\$455,229,806
	B2010	Exterior Walls	\$17,685,078		\$324,066,716
	B2020	Exterior Windows	\$2,329,680		\$145,022,302
	B2030	Exterior Doors	\$638,320		\$9,303,649
B30	Roofing		\$8,330,897		\$156,827,683
C	Interiors		\$32,431,564		\$763,678,743
D	Services		\$73,882,900		\$1,392,393,311
D10	Conveying		\$606,694		\$16,064,797
D20	Plumbing		\$11,318,410		\$188,733,051
D30	HVAC		\$33,866,961		\$628,609,015
D40	Fire Protection		\$3,261,926		\$66,071,814
D50	Electrical Utilities		\$24,828,909		\$492,914,634
E	Furnishings & Fixed Equipment		\$10,749,139		\$196,857,372
	Building Value Engineering				\$0
	Building Subtotal		\$181,999,142		\$3,739,363,181
F	Special Construction & Demo		\$8,795,279		\$209,396,216
G	Other Site Construction		\$65,070,094		\$604,083,800
G10	Site Preparation		\$18,751,042		\$186,155,517
G20	Site Improvements		\$17,426,813		\$261,959,222
G30	Mechanical Utilities		\$24,831,169		\$107,158,681
G40	Electrical Utilities		\$4,061,070		\$45,563,150
	Other Site Construction		\$6,065,493		\$61,144,669
	Subtotal		\$261,930,008		\$4,610,740,636
Z	Mark-Ups		\$74,591,723		\$1,268,440,169
Z	Insurance		\$7,813,857		\$97,535,667
Z	Subcontractor Bond		\$1,763,932		\$46,174,387
Z	Design & Pricing Contingency		\$26,057,177		\$433,072,088
Z	General Conditions		\$24,616,747		\$385,815,425
Z	Overhead & Profit / GMP Fee		\$6,588,000		\$189,017,101
Z	GMP Contingency		\$7,752,010		\$116,825,501
	Construction Subtotal		\$336,521,731		\$5,879,180,805
	Project Scope Adjustments				\$22,966,531
Z	Escalation to Construction Mid-Point		\$23,451,459		\$319,952,814
	Total Construction Cost		\$359,973,190		\$6,222,100,150
	Cost per Square Foot		\$945		
	Bid Alternates		\$0		\$21,563,516
	CM Pre-Construction Services		\$475,000		\$11,484,308
	Construction Contingency		\$17,998,659		\$280,797,341
	Designer		\$39,881,000		\$657,354,665
	OPM & other Professional services		\$13,310,000		\$232,612,034
	FF&E/IT		\$11,286,150		\$180,289,547
	Legal Fees		\$200,000		\$1,636,000
	Other Soft Costs		\$1,932,000		\$90,773,078
	Owner's Contingency		\$1,357,815		\$78,225,097
	Total Project Budget ***		\$446,413,814		\$7,776,835,736
	Bid Alternates				\$11,592,695
	Ineligible Costs & Contingency		\$14,398,927		\$260,403,294
	Scope Exclusions		\$166,672,345		\$2,502,643,751
	Basis for Total Facilities Grant		\$265,342,542		\$5,002,195,996
	Reimbursement Rate		61.39%		
	Maximum Facilities Grant		\$162,893,787		\$3,167,670,742

32 - Whittier Regional Voc - The maximum total facilities grant reflects the Cx Cost of \$24,935, and the recovery of \$149,776