

FRAMINGHAM PUBLIC SCHOOLS - ROOF REPAIRS AND REPLACEMENTS
FISCAL YEAR 2022-2023 SNAPSHOT

8/27/2021 9:09:11

Scope Item	Bldg. Name	Construction	(SF)	Installation	Roof	Warranty #	Warranty	Solar Consultant (A)	Structural Evaluation (B)	Enclosure Consultant (C)	Consultant Total (A+B+C)	Material and Labor (D)	Bond, Insurance, Overhead, and Profit 15% (E)	Design and Construction Contingency 10% (F)	Construction Total (D+E+F+G)	Design, Bidding, and Construction Administration	FY23 Replacement Cost	15 Year Bond @ 2.9%
		Date		Date	Age		Expiration											
1	Farley Middle School	1974	54,200	2002 / 2003	19 / 18	90782 / 97301	Feb 27 2017 / Mar 23 2018	\$7,000	\$12,000	\$257,450	\$276,450	\$2,059,600	\$308,940	\$205,960	\$2,674,950	\$287,460	\$3,108,400	\$682,687
2	Miriam McCarthy Elementary School - Phase 1	1952	32,500	1999	22	77770	Oct 22 2014	\$7,000	\$12,000	\$154,375	\$173,375	\$1,235,000	\$185,250	\$123,500	\$1,543,750	\$164,375	\$1,871,500	\$416,670
3	Charlotte Dunning Elementary School	1965	65,841	1996	25	25231	Aug 31 2023	\$7,000	\$12,000	\$312,745	\$331,745	\$2,501,958	\$375,294	\$250,196	\$3,127,448	\$312,745	\$3,771,937	\$827,689
4	Potter Road Elementary School	1955	46,984	1996	25	25314	Aug 31 2023	\$7,000	\$12,000	\$223,174	\$242,174	\$1,785,392	\$267,809	\$178,539	\$2,231,740	\$223,174	\$2,697,088	\$591,831
5	Brophy Elementary School	1968	49,800	2002	19	95484	Sep 6 2022	\$7,000	\$12,000	\$237,025	\$256,025	\$1,896,200	\$284,430	\$189,620	\$2,370,290	\$237,025	\$2,863,300	\$628,304
6	King Elementary School	1957	45,803	1998	23	30611	Aug 31 2023	\$7,000	\$12,000	\$217,564	\$236,564	\$1,740,514	\$261,077	\$174,051	\$2,176,843	\$217,564	\$2,629,771	\$577,060
7	Barbieri Elementary School	1974	69,383	1998	23	29490	Aug 31 2023	\$7,000	\$12,000	\$329,569	\$348,569	\$2,638,554	\$395,483	\$263,655	\$3,296,693	\$329,569	\$3,873,831	\$871,992
8	Hemenway Elementary	1961	65,126	1996	25	25230	Aug 31 2023	\$7,000	\$12,000	\$309,349	\$328,349	\$2,474,788	\$371,218	\$247,479	\$3,093,488	\$309,349	\$3,791,182	\$816,746
9	Cameron Middle	2001	70,000	2001	20	78932	Aug 31 2023	\$7,000	\$12,000	\$332,500	\$351,500	\$2,660,000	\$399,000	\$266,000	\$3,325,000	\$332,500	\$4,009,000	\$878,769
10	Harmony Grove Elementary School	1998	58,000	1998	23	28470	Aug 31 2023	\$7,000	\$12,000	\$275,500	\$294,500	\$2,204,000	\$330,600	\$220,400	\$2,755,000	\$275,500	\$3,325,000	\$729,617
11	Juniper Hill - BLOCKS	1960	45,600	2001	20	88827	Sep 12 2021	\$7,000	\$12,000	\$216,600	\$235,600	\$1,732,800	\$259,920	\$173,280	\$2,166,000	\$216,600	\$2,618,200	\$574,620
12	Stapleton Elementary School	1922, 1956, 1976	30,200	2007	14	N/A	Dec 12 2027	\$7,000	\$12,000	\$143,450	\$162,450	\$1,147,800	\$172,140	\$114,760	\$1,434,900	\$143,450	\$1,740,400	\$381,902
13	Miriam McCarthy Elementary School - Phase II	1952	24,300	2007	14	121953	Dec 12 2027	\$7,000	\$12,000	\$115,425	\$134,425	\$923,400	\$138,510	\$92,340	\$1,154,250	\$115,425	\$1,404,100	\$308,106
14	Walsh Middle School	1969	119,800	2005	16	106406	May 16 2025	\$7,000	\$12,000	\$969,050	\$986,050	\$4,552,400	\$682,860	\$455,240	\$5,696,500	\$686,050	\$6,947,600	\$1,602,692
15	Framingham High	1963, 2006	215,000	2008	15	96668	May 24 2028	\$7,000	\$12,000	\$1,021,250	\$1,040,250	\$8,170,000	\$1,225,500	\$817,000	\$10,212,500	\$1,021,250	\$12,274,000	\$2,693,325
16	New Fuller Middle School	2021	137,000	2021	0	N/A	Sept 1 2041	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD

FRAMINGHAM PUBLIC SCHOOLS - ROOF REPAIRS AND REPLACEMENTS
FISCAL YEAR 2023-2032 10-YEAR PROJECTED COSTS

Projected cost of roof at each location in Fiscal Year 2023 - Fiscal Year 2032*

Location	FY 23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	Scope of Project/Notes
Farley Middle School	\$3,108,400	\$3,257,603	\$3,413,968	\$3,577,839	\$3,749,675	\$3,929,554	\$4,118,173	\$4,315,845	\$4,523,006	\$4,740,110	Current roof was installed in 2002 and replacement is anticipated to address leaks in the building. Project proposed for Mid-Year FY2022. Capital Funding
Miriam McCarthy Elementary	\$1,871,500	\$1,961,332	\$2,055,478	\$2,154,139	\$2,257,537	\$2,365,899	\$2,479,462	\$2,598,477	\$2,723,203	\$2,853,917	Current roof was installed in phases in 1998 and 2007. Phase 1 submitted to MSBAARP program June 2021. Project Proposed for FY2023 Capital Funding
Charlotte Dunning Elementary School	\$3,771,937	\$3,962,990	\$4,142,730	\$4,341,985	\$4,549,981	\$4,768,380	\$4,997,262	\$5,237,131	\$5,488,513	\$5,751,962	Current roof is under extended warranty until 2023. Submitted to MSBA ARP program June 2021. Project Proposed for FY2023 Capital Funding
Potter Road Elementary School	\$2,697,088	\$2,826,549	\$2,962,223	\$3,104,409	\$3,253,421	\$3,409,585	\$3,573,245	\$3,744,761	\$3,924,509	\$4,112,886	Current roof is under extended warranty until 2023 and replacement is anticipated at that time.
Brophy Elementary School	\$2,863,300	\$3,006,738	\$3,144,774	\$3,295,723	\$3,453,918	\$3,619,706	\$3,793,452	\$3,975,537	\$4,166,363	\$4,366,349	MSBA funding eligibility in 2023, based on current MSBA age of roof eligibility
King Elementary School	\$2,629,771	\$2,756,000	\$2,888,288	\$3,026,926	\$3,172,218	\$3,324,485	\$3,484,060	\$3,651,295	\$3,826,557	\$4,010,232	Current roof is under extended warranty until 2023 and replacement is anticipated at that time.
Barbieri Elementary School	\$3,873,831	\$4,164,575	\$4,364,474	\$4,573,969	\$4,793,520	\$5,023,609	\$5,264,742	\$5,517,450	\$5,782,287	\$6,059,637	Current roof is under extended warranty until 2023 and replacement is anticipated at that time.
Hemenway Elementary School	\$3,791,182	\$3,910,279	\$4,037,972	\$4,294,675	\$4,500,819	\$4,716,858	\$4,943,268	\$5,180,545	\$5,429,211	\$5,689,813	Current roof is under extended warranty until 2023 and replacement is anticipated at that time.
Cameron Middle School	\$4,009,000	\$4,201,432	\$4,403,101	\$4,614,450	\$4,835,943	\$5,068,068	\$5,311,336	\$5,566,280	\$5,833,461	\$6,113,467	Current roof is under extended warranty until 2023 and replacement is anticipated at that time.
Harmony Grove Elementary School	\$3,325,000	\$3,484,600	\$3,651,861	\$3,827,150	\$4,010,853	\$4,203,374	\$4,405,136	\$4,616,583	\$4,838,179	\$5,070,411	Current roof is under extended warranty until 2023 and replacement is anticipated at that time.
Juniper Hill - BLOCKS	\$2,618,200	\$2,743,874	\$2,875,580	\$3,013,607	\$3,158,261	\$3,309,857	\$3,468,730	\$3,635,229	\$3,809,720	\$3,992,587	Current roof is not eligible for MSBA funding as it is Pre-K. MSBA is K-12.
Stapleton Elementary School	\$1,740,400	\$1,823,939	\$1,911,488	\$2,003,240	\$2,099,395	\$2,200,166	\$2,305,774	\$2,416,451	\$2,532,441	\$2,653,998	Current roof is under warranty until 2027 and replacement is anticipated at that time.
Miriam McCarthy Elementary School - Phase 2	\$1,404,100	\$1,471,497	\$1,542,129	\$1,616,151	\$1,693,726	\$1,775,025	\$1,860,226	\$1,949,517	\$2,043,094	\$2,141,162	Current roof was installed in phases in 1998 and 2007. Phase 2 roof - 2007 - is under warranty until 2027.
Walsh Middle School	\$6,947,600	\$7,176,285	\$7,420,748	\$7,681,742	\$8,260,066	\$8,656,549	\$9,072,063	\$9,507,522	\$9,963,884	\$10,442,150	Current roof is under warranty until 2025 and replacement is anticipated at that time.
Framingham High School	\$12,274,000	\$12,883,152	\$13,480,563	\$14,127,651	\$14,805,779	\$15,516,456	\$16,261,246	\$17,041,786	\$17,859,791	\$18,717,061	Current roof is under warranty until 2026 and replacement is anticipated at that time.
New Fuller Middle School	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	New Fuller Middle School constructed in 2021 replaced old Fuller Middle School
Total Cost for all projects	\$56,865,309	\$59,594,844	\$62,455,396	\$65,453,255	\$68,595,012	\$71,887,572	\$75,338,176	\$78,954,408	\$82,744,220	\$86,715,942	
Recommended FY Cost	\$5,643,437	\$5,827,287	\$7,232,762	\$4,294,675	\$4,835,943	\$4,203,374	\$5,774,504	\$1,949,517	\$9,963,884	\$18,717,061	
Location	FY 23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	
*FY23 thru FY32 are costs with 4.8% escalation											
	\$89,832	\$183,076	\$282,639	\$386,037	\$494,399	\$607,962	\$726,977	\$851,703	\$982,417		
	4.80%	9.36%	13.75%	17.92%	21.90%	25.70%	29.32%	32.78%	36.08%		