

BROOKFIELD PUBLIC SCHOOLS
10-Year Capital Requests

DRAFT as of 10/18/23

Location	Area	Marx / Okubo #	Item	Description	Escalation Factor:										Total					
					1.000 Year 1 2024-2025	1.030 Year 2 2025-2026	1.061 Year 3 2026-2027	1.093 Year 4 2027-2028	1.126 Year 5 2028-2029	1.159 Year 6 2029-2030	1.194 Year 7 2030-2031	1.230 Year 8 2031-2032	1.267 Year 9 2032-2033	1.305 Year 10 2033-2034						
BHS	Design		Architectural Services	Architectural services for a conceptual design schematic to address the following: energy efficiency updates, building envelope and passive solar, and fenestration of main facade renovation with enhanced security.	\$25,000															\$25,000
BHS	Envelope / Exterior	19	Windows	Replacement of single-pane aluminum windows			\$206,900	\$213,100	\$219,500											\$639,500
BHS	Envelope / Exterior	22	Windows	Replacement of cafeteria windows															\$61,100	\$61,100
BHS	Envelope / Exterior	24	Windows	Replacement of vinyl windows @ southwest wing													\$174,000			\$174,000
BHS	Mechanical	61	Lighting	Perform an interior lighting upgrade program.																\$412,000
BHS	Design	51	Engineering Design	Feasibility study and preliminary engineering design to provide cooling to 100% of the building	\$25,000															\$25,000
BHS	Mechanical	43	Gym UVs	Replacement of 2 UVs, removal of 2 abandoned UVs, modifications to supply ductwork and controls, allowance for engineering oversight and temporary access.		\$92,700														\$92,700
BHS	Mechanical	52	Unit Ventilators	Phased replacement of all classroom UVs	\$40,200	\$41,500	\$42,700	\$44,000	\$45,300	\$46,700	\$48,100	\$49,500	\$51,000	\$52,500						\$461,500
BHS	Envelope / Exterior	6, 13	Roof	Section D (library) based on current pricing for Guidance Wing roof	\$381,900															\$381,900
BHS	Envelope / Exterior	7, 13	Roof	Section R (classrooms) based on current pricing for Guidance Wing roof			\$562,300													\$562,300
BHS	Envelope / Exterior	10, 13	Roof	2006/08 Roof Section - roof overlay														\$180,900	\$180,900	
BHS	Envelope / Exterior	9, 13	Roof	Section B/C/E/P/H/O/V/W (??)																\$868,100
BHS	Envelope / Exterior	16	Chimney	Removal of decommissioned chimney; between roof sections E and F								\$29,000								\$29,000
BHS	Mechanical	53	Condensers	Replace all condensing units on north roof.			\$42,400	\$43,600												\$86,000
BHS	Mechanical	54	Condensers	Replace condenser on grade at south side of building.				\$13,200												\$13,200
BHS	Mechanical	55	Rooftop Units	Replace rooftop package units based on age and EUL		\$25,000	\$25,500	\$26,300	\$27,100											\$103,900
BHS	Interior	36	Ceiling Tiles	To be replaced w/ roof sections	\$30,000															\$30,000
BHS	Mechanical		BMS	Tie in rooftop units to BMS	\$100,000															
BHS	Mechanical	64	Fire Alarm Control Panel	Manufacturer discontinued panel in 2010; still operational but should be upgraded.																\$337,700
BHS	Envelope / Exterior	29, 30, 31	Doors	Repair/replace exterior doors, door frames, overhead door for utility/sports equipment room.		\$30,900														\$30,900
BHS	Mechanical		Oil Tank	Removal & replacement of 10,000 gallon underground oil tank	\$500,000															\$500,000
BHS	Mechanical	42	RCx	Retro-commissioning of mechanicals (calibration, adjustment, testing, low-cost modifications). Recommended every 10 years.																\$71,700
BHS	Interior	38	Restrooms	3 restrooms per year until complete	\$165,000			\$180,300	\$185,800			\$394,100	\$203,000	\$209,100	\$215,300					\$1,552,600
BHS	Technology		WiFi	WiFi infrastructure upgrade including access points, wiring, labor, controllers, servers. Likely subject to e-Rate funding (currently 50%)																\$136,800
TOTAL BROOKFIELD HIGH SCHOOL					\$1,267,100	\$602,100	\$879,800	\$520,500	\$815,400	\$943,800	\$650,700	\$252,500	\$434,100	\$509,800	\$6,875,800					

BROOKFIELD PUBLIC SCHOOLS
2024-25 Capital Requests

DRAFT as of 10/18/23

Location	Area	Marx / Okubo #	Item	Description	2024-2025
BHS	Design		Architectural Services	Architectural services for a conceptual design schematic to address the following: energy efficiency updates, building envelope and passive solar, and fenestration of main facade renovation with enhanced security.	\$25,000
BHS	Design	51	Engineering Design	Feasibility study and preliminary engineering design to provide cooling to 100% of the building	\$25,000
BHS	Mechanical	52	Unit Ventilators	Phased replacement of all classroom UVs	\$40,200
BHS	Envelope / Exterior	6, 13	Roof	Section D (library) based on current pricing for Guidance Wing roof	\$381,900
BHS	Interior	36	Ceiling Tiles	To be replaced w/ roof sections	\$30,000
BHS	Mechanical		BMS	Tie in rooftop units to BMS	\$100,000
BHS	Mechanical		Oil Tank	Removal & replacement of 10,000 gallon underground oil tank	\$500,000
BHS	Interior	38	Restrooms	3 restrooms per year until complete	\$165,000
TOTAL BROOKFIELD HIGH SCHOOL					\$1,267,100

WMS	Design		Architectural Services	Architectural services for a conceptual design schematic to address the following: energy efficiency updates, building envelope and passive solar, and fenestration of main facade renovation with enhanced security.	\$25,000
WMS	Design	36	Engineering Design	Feasibility study and preliminary engineering design to provide cooling to 100% of the building	\$25,000
WMS	Envelope / Exterior	5, 7	Roof	Sections A/C/D/E/F	\$562,000
WMS	Interior	28	Ceiling Tiles	To be replaced w/ roof sections	\$30,000
WMS	Mechanical	35	Unit Ventilators	Phased replacement of all classroom UVs	\$45,000
WMS	Mechanical	29	Boiler	Replace 1 currently inoperable boiler to bring facility up to 2 functioning boiler units (critical for redundancy in the system)	\$225,000
TOTAL WHISCONIER MIDDLE SCHOOL					\$912,000

TOTAL BHS & WMS	\$2,179,100
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