

**RICHMOND SCHOOL DISTRICT  
FACILITIES RENEWAL PROGRAM  
2024-2025**

Description	Sites	Estimated Cost	Funding	Comments
<b>FUNDING</b>				
Ministry Allocations			\$ 5,229,812	Annual Facility Grant (AFG)
			944,000	School Enhancement Program (SEP)
			1,263,000	SEP 2023/2024 Carry Forward
			476,500	Carbon Neutral Capital Program (CNCN)
			195,000	Accessible Playground Equipment (PEP)
			120,000	Kitchen Equipment and Upgrade (FIP)
<b>Total Estimated Funding</b>			\$ 8,228,312	
<b>EXPENDITURES</b>				
<b>Building Envelope Renewal</b>				
Roof Remediation and Seismic Upgrade of Roof Diaphragm	General Currie (Areas 1, 1.1, 3)	686,407	AFG	Replacement of roofing membranes, seismic upgrade of roof diaphragms where needed, design and inspection services.
	Walter Lee (Area 14)	449,127		
	Kilgour (Area 1)	190,218		
	James Thompson (Areas 6, 10)	373,416		
Building Envelope Restoration	Facilities Services Centre	120,000	AFG	Replace failed windows with new - phase 2
	Facilities Services Centre	80,000	AFG	Replace failed windows with new - phase 3
	Archibald Blair	275,000	AFG	Support of Building Envelope Project - new windows and gutters
Exterior Painting - Building	James Thompson, General Currie, Archibald Blair	195,000	AFG	Annual program - re-paint walls, doors, window frames, trim
Metal Roof System Refinishing	H.J. Cambie	152,884	AFG	Phase 2 of 2 - coat existing sloped roof panels and perimeter cap flashing that have surface rust with special rust inhibiting coating
Exterior Door Hardware and Security	Hugh Boyd, A.J. Burnett, H.J. Cambie, R.A. McMath, Matthew McNair, Hugh McRoberts, R.C. Palmer, Steveston-London	20,000	AFG	Replace door hardware on double doors - vertical rod replacement change to horizontal and removable mullion
<b>Interior Construction &amp; Finishes Renewal</b>				
Flooring Replacement	Walter Lee, Donald E. McKay, Matthew McNair	99,395	AFG	Replacement of failing floor finishes in classrooms, hallways and pods with new vinyl or vinyl plank flooring
Interior Painting Renewal	Thomas Kidd, Kathleen McNeely	155,000	AFG	Annual program - re-paint walls, doors, painted ceilings and cabinet work, window frames, trim
Gym Acoustics Renewal	R.M. Grauer, Thomas Kidd, James Thompson	135,000	AFG	Add tectum panels and trim to upper walls of gyms, cover the old/decaying insulation, re-paint
Room Renumbering Program	Henry Anderson, Archibald Blair	20,000	AFG	Annual Program (new room signage and DDC programming to standardize District room numbering to 5 digit system)
Gym Flooring Renewal	A.J. Burnett, A.R. MacNeill, Hugh McRoberts, Richmond Secondary, Steveston-London, James Gilmore, T. Homma, Tomsett	110,000	AFG	Annual program - refinishing, resanding as necessary, re-coating of sealant on gym wood floors
Interior Door Hardware and Security	School Board Office	62,985	AFG	Replacement of door lock hardware at end-of-life with new
<b>Electrical &amp; Security Systems Renewal</b>				
Interior LED Lighting Retrofit Program	R.C. Palmer, Blundell, Samuel Brighthouse	476,500	CNCN	Replace antiquated lighting and controls with longer life, energy saving units
		345,030	AFG	
Main Distribution System Renewal	John T. Errington, Donald E. McKay	50,000	AFG	Multi-year program - renewal of main distribution disconnects, panels and splitter boxes
Fire Alarm System Renewal	Hugh McRoberts, Richmond Secondary	55,000	AFG	Multi-year program - replace obsolete or failing fire alarm panel with new
	Hamilton, Thomas Kidd, Kingswood, Walter Lee, Kathleen McNeely, Mitchell, Robert J. Tait, R.C. Talmey, Tomsett, Daniel Woodward	70,000	AFG	Multi-year program - replace obsolete fire alarm devices, bells, heat detectors and pullstations
Security System Renewal	Blundell, A.J. Burnett, Hugh Boyd, Lord Byng, John G. Diefenbaker, Alfred Dixon, John T. Errington, T. Homma, James McKinney, Manoah Steves, Westwind, Jessie Wowk	100,000	AFG	Multi-year program - replace security devices and upgrade motion sensors and wiring
<b>Audio-Video Systems Renewal</b>				
Public Address System Upgrades	H.J. Cambie	53,889	AFG	Completion of multi-year program - replacement of antiquated equipment with modern technology

**APPENDIX A**

Description	Sites	Estimated Cost	Funding	Comments
<b>Mechanical Systems Renewal</b>				
Boiler Replacement Program	Hugh Boyd, Kilgour	325,000	AFG	Replace antiquated atmospheric boilers with new high efficiency condensing units
RTU Replacement Program	Facilities Services Centre	30,000	AFG	Replace antiquated rooftop heating units with new high efficiency units
Chiller Replacement	A.R. MacNeill	944,000	SEP	Replace two end-of-life chiller units, associated pumps and controls with new air-cooled chillers and controls.
Duct Cleaning	A.R. MacNeill, R.A. McMath, General Currie, Kingswood	50,000	AFG	Annual program to clean existing air delivery ductwork
Dust Extraction System Upgrades	Richmond Secondary, R.A. McMath	1,263,000	SEP carryforward	Upgrade existing shop dust extraction systems to current safety standards
Server Room HVAC system replacements	Samuel Brighthouse, Steveston-London	110,000	AFG	Replacement of Water Furnace and Server room Compressor
Mechanical Controls Renewal	John T. Errington, Kingswood, Kathleen McNeely	348,000	AFG	Replace pneumatic HVAC control system or antiquated digital systems with new direct digital controls (DDC)
Continuous Optimization of Controls	10 sites	65,000	AFG	Review of existing HVAC control systems, removal of overrides, and optimization of programming and schedules
<b>Plumbing Systems Renewal</b>				
Water Meter Renewal	Westwind, Hugh McRoberts	43,200	AFG	Multi-year program - replace antiquated water meter and valve station
Fire Suppression System Renewal	A.R. MacNeill	93,500	AFG	Multi-year program - replacement sprinkler heads with quick response units
	Hugh Boyd, R.A. McMath, A.J. Burnett	31,200	AFG	Replace existing dry valves with new
Domestic Water System Renewal	School Board Office, A.J. Burnett, Lord Byng, H.J. Cambie, R.A. McMath, Matthew McNair, Richmond Secondary	30,000	AFG	Multi-year program - replace domestic water piping and fixtures
Domestic Hot Water Heating System Upgrade	Samuel Brighthouse	25,000	AFG	Replace antiquated boiler and tank with energy efficient on-demand system
<b>Grounds Upgrades</b>				
Pavement Restoration Program	R.C. Talmey, James Thompson, Kathleen McNeely, Hugh McRoberts	100,000	AFG	Annual program - replacement of failed pavements and substructure on roads, carparks and play areas
Fencing Rehabilitation Program	Hamilton, Howard DeBeck	15,000	AFG	Annual program - replacement of failing chain link fences and gates
Playground Renewal Program	James Thompson, James Gilmore, T. Homma, James Whiteside, Kingswood, Archibald Blair	50,000	AFG	Annual safety and asset preservation program - replace borders, fibre fill, enhance transitions
	Lord Byng, Thomas Kidd, Howard DeBeck	21,000	AFG	Annual Program - Repaint metal playground structures
	Samuel Brighthouse	20,000	AFG	Contribution towards new/replacement playground equipment, borders and fall protection
	Site TBD	195,000	PEP	Playground equipment replacement
<b>Health and Safety Programs</b>				
Indoor Air Quality	17 Sites	14,440	AFG	Assessments of 46 portable classrooms
Fire Safety Plans	All Secondaries	40,000	AFG	Develop new/update existing Fire Safety Plans as per Fire Code section 2.8
<b>Learning Services Programs</b>				
Accessibility, other minor projects	All schools	20,120	AFG	Allowance for Learning Services upgrade and renewal requests
<b>Food Infrastructure Program</b>				
Kitchen Equipment and Upgrade	All Secondary Schools	120,000	FIP	Various appliance replacements in Foods Rooms and Cafeterias
<b>Total Facilities Renewal Program 2023/2024</b>		<b>\$ 8,228,312</b>		