

**RICHMOND SCHOOL DISTRICT
FACILITIES RENEWAL PROGRAM
2021-2022**

18-Jun-2021

Final

Description	Sites	Estimated Cost	Funding	Comments
FUNDING				
Ministry Allocations			\$ 4,181,732	Annual Facility Grant
			715,600	School Enhancement Program
			550,000	Carbon Neutral Capital Program
			165,000	Playground Equipment Program
	Carry forward from 2020-2021			265,000
Total Estimated Funding			\$ 5,877,332	
EXPENDITURES				
Building Envelope Renewal				
Roof Remediation and Seismic Upgrade of Roof Diaphragm	Facilities Services Centre (Area 7)	400,000	AFG	Replacement of roofing membranes, seismic upgrade of roof diaphragms where needed, design and inspection services.
	Hugh McRoberts (Area 21)	154,000		
	Hugh Boyd (Area 7)	300,000		
	James Thompson (Area 2)	75,000		
	Mitchell (Areas 2, 8, 9, 11, 12)	200,000		
				Funding support for BEP project
Building Envelope Restoration	William Cook	75,000	AFG	Replace deteriorating wood siding with metal cladding, replace wood windows with new, replace gravel base with concrete in Courtyard 1
	John G. Diefenbaker	70,000		Replace deteriorating wood siding with metal cladding on upper walls, re-paint lower walls
Exterior Painting - Building	William Cook, Garden City, R.M. Grauer, Hamilton	290,000	AFG	Annual program - re-paint walls, doors, window frames, trim
Exterior Repairs - Replace Modular Learning Centre Decks	Howard DeBeck, Thomas Kidd, Westwind	48,000	AFG	Multi-year program - replace deteriorating wood decks with new composite decks, including substructure
Interior Construction & Finishes Renewal				
Washroom Renewals	H.J. Cambie, A.R. MacNeill	85,000	AFG	New floor, partitions, plumbing fixtures, paint to 2nd Floor washrooms
Flooring Replacement	Thomas Kidd, Quilchena, Daniel Woodward	150,000	AFG	Replacement of failing vinyl flooring in corridors, especially ACMs
Interior Painting Renewal	William Cook, Hugh Boyd, John T. Errington, Kingswood, Walter Lee, James Thompson, Westwind	180,000	AFG	Annual program - re-paint walls, doors, painted ceilings and cabinet work, window frames, trim
Gym Acoustics Renewal	William Cook, Garden City	80,000	AFG	Add tectum panels and trim to upper walls of gyms, cover the old/decaying insulation
Gym Flooring Renewal	Howard DeBeck, John G. Diefenbaker, Hamilton, Alexander Kilgour, R.A. McMath, Matthew McNair, Hugh McRoberts, R.C. Palmer, Richmond, F.A. Tomsett	75,485	AFG	Annual program - recoat sport lines and add coat of sealant on floor
Boiler Room Waterproofing	Henry Anderson, Archibald Blair, A.R. MacNeill	60,000	AFG	Renewal of waterproofing membrane on second floor boiler rooms
Electrical & Security Systems Renewal				
Card Access Systems	Board Office, Kingswood, R.A. McMath, Matthew McNair, F.A. Tomsett, Daniel Woodward	62,000	AFG	On-going security card reader upgrades and panel replacements
Interior LED Lighting Retrofit Program	Steveston-London	550,000	CNCP	Replace antiquated lighting and controls with longer life, energy saving units
	Board Office	165,000	AFG	
Emergency Lighting System Upgrade Program	All sites	80,000	AFG	Multi-year program - replacement of exit signs with new standard
Main Distribution System Renewal	W.D. Ferris, Donald E. McKay, Spul'u'kwuks, Daniel Woodward	60,000	AFG	Multi-year program - renewal of main distribution disconnects and splitter boxes
	Spul'u'kwuks	75,000		MCC panel replacement
Fire Alarm System Renewal	Hugh Boyd, A.J. Burnett, Matthew McNair	30,000	AFG	Multi-year program - upgrade panels to latest version
Security System Renewal	William Bridge, Maple Lane, James McKinney, Mitchell, Manoah Steves, F.A. Tomsett, James Whiteside	20,000	AFG	Multi-year program - upgrade motion sensors and wiring
Electric Vehicle Charging Stations	Facilities Services Centre	6,444	AFG	Feasibility study for installation of charging stations and infrastructure for future electric buses
Audio-Video Systems Renewal				
Public Address System Upgrades	Henry Anderson, Archibald Blair, A.J. Burnett, Tomekichi Homma, Mitchell, Richmond	200,000	AFG	Final year of multi-year program - replacement of antiquated equipment with modern technology

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Fixed Equipment Upgrades				
Gym Bleachers Retrofit	Steveston-London	20,000	AFG	Provide enhanced operation, convenience and safety by motorizing two sets of bleachers
	Matthew McNair	25,778		Replace railings on existing bleachers - safety upgrade
Mechanical Systems Renewal				
Boiler Replacement Program	Howard DeBeck, John G. Diefenbaker, Kathleen McNeely	410,000	AFG	Replace antiquated atmospheric boilers with new high efficiency condensing units
RTU Replacement Program	Maple Lane	64,800	AFG	Replace antiquated rooftop heating units with new high efficiency units
Walk-in Freezer and Cooler Renewal	Matthew McNair, Richmond	45,000	AFG	Replace antiquated evaporator coils and condensing unit with new energy efficient units
Chiller Installation	Matthew McNair	75,000	AFG	Add cooling to the existing RTU for the south/science wing
Mechanical Controls Renewal	General Currie, Howard DeBeck, John G. Diefenbaker, Garden City, R.M. Grauer, Jesse Wowk	715,600	SEP	Replace pneumatic HVAC control system with direct digital control
Plumbing Systems Renewal				
Grease Trap Renewal	A.R. MacNeill	10,000	AFG	Multi-year program - replace antiquated grease traps in cafeteria kitchen
Water Meter Renewal	Matthew McNair	30,000	AFG	Multi-year program - replace antiquated water meter and valve station
Fire Suppression System Renewal	Matthew McNair	60,000	AFG	Multi-year program - replacement sprinkler heads with quick response units
	Hamilton, Daniel Woodward	17,000		Replace antiquated dry valve system
Domestic Water System Renewal	Hugh Boyd, John G. Diefenbaker, Alfred B. Dixon, James Gilmore, Tomekichi Homma, Matthew McNair	40,000	AFG	Multi-year program - replace domestic water piping and fixtures
Grounds Upgrades				
Pavement Restoration Program	Board Office, Blundell, Hugh Boyd, General Currie, R.M. Grauer, Tomekichi Homma, Walter Lee, Donald E. McKay, A.R. MacNeill, R.A. McMath, Matthew McNair, Kathleen McNeely, Quilchena, Steveston-London, Richmond, Daniel Woodward	300,000	AFG	Annual program - replacement of failed pavements and substructure on roads, carparks and play areas
Fencing Rehabilitation Program	John T. Errington, Garden City, Walter Lee, Maple Lane	10,000	AFG	Annual program - replacement of failing chain link fences and gates
Playground Renewal Program	W.D. Ferris, James Gilmore, Maple Lane	50,000	AFG	Annual safety and asset preservation program - replace borders, fibre fill, enhance transitions
	Howard DeBeck, Quilchena	80,000	AFG	Contribution towards new/replacement playground equipment, borders and fall protection
	Mitchell	165,000	PEP	Playground equipment replacement
Exterior Egress Safety Upgrade	Hamilton	150,000	AFG	Complete railing system along perimeter sidewalk, add set of hinged stairs and repair hard and softscape
Health and Safety Programs				
Indoor Air Quality	17 Sites	9,425	AFG	Assessments of 46 portable classrooms
Asbestos Management	44 Sites	33,800	AFG	Multi-year program - update ACM inventory and room labels
Science Lab Ventilation Assessment and Renewal	All secondary schools	60,000	AFG	Multi-year program - assessment and renewal of lab ventilation to current regulations
Learning Services Programs				
Accessibility, other minor projects	All schools	15,000	AFG	Allowance for Learning Services upgrade and renewal requests
Total Facilities Renewal Program 2021/2022		\$ 5,877,332		