

2022-2023 FIVE-YEAR CAPITAL PLAN
Richmond School District #38

23 June 2021

Final

SEISMIC MITIGATION PROGRAM (SMP) PROJECTS						
Priority	Facility Name	Project Description	Risk Rating	Year (Planning)	Total	Annual Total
1	Howard DeBeck Elementary	Structural Seismic Upgrade - Block 1 (H1) & Block 2 (H2), Substructure Upgrade - All 3 Blocks	H1	2022	\$15,580,000	\$71,047,000
2	Alfred B. Dixon Elementary	Structural Seismic Upgrade - Block 2 (H3) & Block 3 (H1), Substructure Upgrade - All 5 Blocks	H1	2022	\$17,837,000	
3	John G. Diefenbaker Elementary	Structural Seismic Upgrade - Block 1 (H1)	H1	2022	\$12,190,000	
4	Matthew McNair Secondary	Structural Seismic Upgrade - Block 2 (H2) & Block 3 (H1)	H1	2022	\$25,440,000	
5	Steveston-London Secondary	Structural Seismic Upgrade - Block 1 (H1) & Block 3 (H3), Substructure Upgrade - Blocks 1, 2 & 3	H1	2023	\$78,877,000	\$131,343,000
6	Blundell Elementary	Structural Seismic Upgrade - Block 2 (H1) & Block 3 (H3), Substructure Upgrade - All 3 Blocks	H1	2023	\$16,796,000	
7	Hugh McRoberts Secondary	Structural Seismic Upgrade - Block 1 (H1), Substructure Upgrade - All 7 Blocks	H1	2023	\$6,150,000	
8	Westwind Elementary	Structural Seismic Upgrade - Blocks 1, 2, 3 & 4 (H1), Substructure Upgrade - All 5 Blocks	H1	2023	\$29,520,000	
9 *1	R.C. Talmey Elementary	Structural Seismic Upgrade - Block 1 (H1) & Block 2 (H3), Substructure Upgrade - Both Blocks	H1	2024	\$23,165,000	\$101,483,000
10 *2	James Gilmore Elementary	Structural Seismic Upgrade - Blocks 1, 2 & 4 (H1) & Block 3 (H3), Substructure Upgrade - All 4 Blocks	H1	2024	\$38,901,000	
	R.M. Grauer Elementary	Structural Seismic Upgrade - Block 2 (H1) & Block 3 (H3), Substructure Upgrade - All 3 Blocks	H1	2024	\$28,907,000	
	Quilchena Elementary	Structural Seismic Upgrade - Blocks 1 & 2 (H1)	H1	2024	\$10,510,000	
13	Jessie Wowk Elementary	Structural Seismic Upgrade (H3) & Substructure Upgrade	H1	2024	\$19,778,000	\$74,325,000
14	John T. Errington Elementary	Structural Seismic Upgrade - Blocks 1 & 2 (H1), Substructure Upgrade - All 3 Blocks	H1	2025	\$28,544,000	
15	Donald E. McKay Elementary	Structural Seismic Upgrade - Blocks 1 & 2 (H1)	H1	2025	\$10,898,000	
16	Walter Lee Elementary	Structural Seismic Upgrade - Blocks 1 & 3 (H1) & Block 2 (H3)	H1	2025	\$15,105,000	
17	James Thompson Elementary	Structural Seismic Upgrade - Blocks 1, 3, 6, 7 & 8 (H1), Block 2 (H3) & Blocks 4 & 5 (H2), Substructure Upgrade - All 9 Blocks	H1	2026	\$29,873,000	\$91,231,000
18 *2	Thomas Kidd Elementary	Structural Seismic Upgrade - Block 1 (H1), Substructure Upgrade - Both Blocks	H1	2026	\$21,769,000	
	Daniel Woodward Elementary	Structural Seismic Upgrade - Blocks 1 & 2 (H1), Substructure Upgrade - All 3 Blocks	H1	2026	\$25,639,000	
	Kingswood Elementary	Structural Seismic Upgrade - Blocks 1 & 3 (H3)	H3	2026	\$13,950,000	
21	Ecole des Navigateurs (CSF)	Structural Seismic Upgrade - Block 1 (H1) & Block 4 (H2)	H1	2027	\$8,507,000	\$98,872,000
22	R.C. Palmer Secondary	Structural Seismic Upgrade - Block 2 (H1), Substructure Upgrade - Blocks 1, 2 & 3	H1	2027	\$31,612,000	
23	Tomekichi Homma Elementary	Structural Seismic Upgrade - Block 1 (H2), Substructure Upgrade - Both Blocks	H2	2027	\$32,078,000	
24	Kathleen McNeely Elementary	Structural Seismic Upgrade - Block 1 (H3), Substructure Upgrade - Both Blocks	H3	2027	\$26,675,000	

*1 - moved to align with proposed EXP project

*2 - business case to be developed packaging three schools in accordance with LRFP possible consolidation strategy

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EXPANSION PROGRAM (EXP) PROJECTS					
Priority	Facility Name	Project Description	Year (Planning)	Total (Capital Plan)	Program Total
New Schools/Additions to Schools					
1	Samuel Brighthouse Elementary	0K/150E Addition (100K/575E total) - City Centre Area population growth	2023	\$11,238,618	\$85,190,038
2	R.C. Talmey Elementary	20K/75E Addition (60K/300E total) - City Centre Area population growth.	2024	\$7,273,099	
3	Dover Park Elementary	New 40K/300E Elementary School - City Centre Area population growth	2025	\$46,472,545	
4	William Cook Elementary	20K/100E Addition (100K/575E total) - City Centre Area population growth	2025	\$9,534,437	
5	Hamilton Elementary	0K/100E Addition (80K/450E total) - Hamilton Area population growth	2029	\$10,671,339	
6	R.C. Talmey Elementary	0K/100E Addition (60K/450E total) - City Centre Area population growth.	2029	\$7,959,057	
7	F.A. Tomsett Elementary	0K/150E Addition (60K/450E total) - City Centre Area population growth.	2030	\$13,188,344	
8	Dover Park Elementary	0K/150E Addition (40K/450E total) - City Centre Area population growth	2031	\$10,482,671	
Site Acquisitions					
1	City Centre Elementary Site	2.0 Hectare Parcel - City Centre Area	2026	Refer to ESSP	

SCHOOL ENHANCEMENT PROGRAM (SEP) PROJECTS				
Priority	Facility Name	Project Description	Total (Capital Plan)	Program Total
1a	Four Secondary Schools	Lab Ventilation Safety Upgrade Phase 1 (A.R. MacNeill, H.J. Cambie, Matthew McNair and Steveston-London)	\$252,730	\$3,787,287
1b	Six Secondary Schools	Lab Ventilation Safety Upgrade Phase 2 (Hugh Boyd, Hugh McRoberts, J.N. Burnett, R.A. McMath, R.C. Palmer and Richmond)	\$547,270	
2	H.J. Cambie Secondary	Major Roofing Replacement - Phase 1 of 5 (Sloped Metal Panels)	\$823,000	
3	Matthew McNair Secondary	Dust Extraction System Replacement	\$472,000	
4	Richmond Secondary	Dust Extraction System Replacement	\$449,000	
5	R.A. McMath Secondary	Dust Extraction System Replacement	\$696,000	
6	R.A. McMath Secondary	LED Lighting Upgrade Phase 1	\$547,287	

CARBON NEUTRAL CAPITAL PROGRAM (CNCP) PROJECTS				
Priority	Facility Name	Project Description	Total (Capital Plan)	Program Total
1	Four Schools	LED Lighting Upgrade Phase 2 (Archibald Blair Elementary, W.D. Ferris Elementary, Manoah Steves Elementary, F.A. Tomsett Elementary)	\$377,513	\$749,013
2	Two Schools	Direct Digital Control System Upgrades (Lord Byng Elementary, Hugh McRoberts Secondary)	\$371,500	

BUS REPLACEMENT PROGRAM (BUS)			
Priority	Asset No.	Bus Description	Condition
1	A9382 (#146)	A2 UNDER 6350KG (1-24)	Fair, major unscheduled repairs materializing frequently

PLAYGROUND EQUIPMENT PROGRAM (PEP) PROJECTS				
Priority	Facility Name	Project Description	Total (Capital Plan)	Program Total
1	Maple Lane Elementary	Complete Replacement of Playground Equipment	\$165,000	\$495,000
2	W.D. Ferris Elementary	Complete Replacement of Playground Equipment	\$165,000	
3	James Thompson Elementary	Complete Replacement of Playground Equipment	\$165,000	

2022-2023 BUILDING ENVELOPE PROGRAM CAPITAL PLAN
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BUILDING ENVELOPE PROGRAM (BEP) PROJECTS					
Priority	Facility Name	Project Description	Year (Planning)	Total (Capital Plan)	Program Total
1	Archibald Blair Elementary	Building Envelope Upgrade	2022	\$2,892,000	\$11,922,000
2	Howard DeBeck Elementary	Building Envelope Upgrade	2022	\$1,060,000	
3	John G. Diefenbaker Elementary	Building Envelope Upgrade (1985 & 1988 Blocks)	2023	\$1,313,000	
4	Jessie Wowk Elementary	Building Envelope Upgrade	2023	\$1,593,000	
5	Steveston-London Secondary	Building Envelope Upgrade (1975 Block)	2024	\$3,957,000	
6	James Thompson Elementary	Building Envelope Upgrade	2024	\$1,107,000	