

Date: June 13, 2018

To:

Committee II - Planning and Facilities

From: David J. Green, Secretary Treasurer

Jim Meschino, Director of Facilities

Re: 2019/20 Annual Capital Plan Submission

REFERENCE TO STRATEGIC PLAN:

Goal 4: Provide effective leadership, governance and stewardship Objectives:

- Implement the recommendations of the Long Range Facilities Plan.
- Effectively utilize school district resources and facilities.

INTRODUCTION:

This report contains a recommendation.

BACKGROUND:

In May 2018, the Ministry of Education (MoE) issued instructions to school districts in the Province regarding submissions for their 2019/20 Five-Year Capital Plan. The capital plan submission is due no later than June 30, 2018. A Board-approved Capital Plan Resolution is required along with the Capital Plan submission. Capital plan submission categories that are relevant to the Vancouver School Board (VSB) are as follows:

- A. Seismic Mitigation Program (SMP)
- B. Expansions (EXP) or (New schools and School Capacity Additions)
- C. School Enhancement Program (SEP)
- D. Building Envelope Program (BEP)
- E. Carbon Neutral Capital Program (CNCP)
- F. Playground Equipment Program (PEP)

In order for the capital projects to receive approval districts must update their Long Range Facilities Plan (LRFP). The LRFP update is being developed for completion in July 2018. Following Board approval, it will be submitted to the Ministry of Education in August 2018.

DISCUSSION:

A. Proposed Seismic Mitigation Program (SMP)

SMP prioritization identified by the MoE in the Capital Plan instructions are as follows:

ITEM 7

- 1. Priorities are identified that will mitigate risk for the greatest number of students and where the risk rating of the school is H1, H2, or H3 in unique circumstances.
- 2. The Long Range Facilities Plan (LRFP) demonstrates that the School District is working towards optimizing the use of available space:
 - Space utilization within the School District and/or family of schools within reasonable proximity to the school is being optimized through operational changes or school consolidations.
 - Capacity utilization for current enrolment and forecast growth over the next 10
 years is analyzed and the optimal size and grade configuration of the school has
 been determined. This information is integrated into the mitigation options.

Current Status of SMP Projects

The current status of VSB Seismic Mitigation Projects is as follows:

	VSB Seismic Mitigation Projects							
	Vancouver Project Office							
Apr. 2018	SCHOOL PROJECT LVNG (COMPLETE)							
1	Gordon Elementary	Replacement	✓				2016	
2	L'Ecole Bilingue Elem.	Replacement	✓				2016	
3	Queen Mary Elementary	Partial Replace	✓				2016	
4	Strathcona Elementary	Upgrade	✓				2017	
5	Kitsilano Secondary	Replacement	✓				2017	
6	Nelson Elementary	Replacement		✓			2018	
7	Kingsford-Smith Elem.	Upgrade		✓			2018	
8	Jamieson Elementary	Upgrade		✓			2019	
9	Fleming Elementary	Replacement		✓			2019	
10	Tennyson Elementary	Replacement			✓		2020	
11	Maple Grove Elem.	Replacement			✓		2020	
12	Begbie Elementary	Replacement			✓		2021	
13	Bayview Elementary	Replacement			✓		2021	
14	Lloyd George Elem.	Replacement			✓		2021	
15	Hamber Secondary	TBD				✓	2023	
16	Cavell Elementary	TBD				✓	2022	
17	Wolfe Elementary	TBD				✓	2022	
18	Weir Elementary	TBD				✓	2022	
19	Selkirk Elementary	TBD				✓	2020	
20	Maquinna Elementary	TBD				✓	2020	
21	Byng Secondary	TBD				✓	2020/21	
22	Carleton Elementary	TBD				✓	TBD	
23	Hudson Elementary	TBD				✓	TBD	
24	Thompson Secondary	TBD				✓	TBD	
25	Point Grey Secondary	TBD				✓	TBD	
	* Occupancy date is a forecast and is subject to change.							

Priority of Schools

The Ministry has requested a five year capital plan, and staff have identified projects for the Ministry's consideration. Final seismic project delivery dates are subject to the Ministry of Education's approval to move to the feasibility study phase, the results of the feasibility analysis, timing of availability of temporary accommodations, as well as design and construction budgetary scoping.

Accordingly, district staff recommend approval for seismic project funding requests to proceed to further feasibility analysis for the following schools:

For Year 1 and 2:

Killarney Secondary	\$101,700,000
Livingstone Elementary	\$26,800,000
Grenfell Elementary *	\$25,300,000
False Creek Elementary	\$24,500,000
Renfrew Elementary	\$37,300,000
Templeton Secondary	\$106,300,000
Waverley Elementary	\$29,300,000

^{*}Project Definition Report (PDR) previously completed, requires updating

For Year 3 and 4:

Mackenzie Elementary	\$37,000,000
Florence Nightingale Elementary	\$25,800,000
Prince of Wales Secondary	\$95,900,000
Emily Carr Elementary	\$28,700,000
Gladstone Secondary	\$129,300,000
Windermere Secondary	\$125,200,000
Dr HN MacCorkindale Elementary	\$26,900,000
King George Secondary	\$50,400,000
Queen Alexandra Elementary	\$20,400,000
Sir John Franklin Elementary	\$20,400,000
John Oliver Secondary *	\$87,900,000
Quilchena Elementary	\$23,700,000

^{*}PDR previously completed, requires updating

For Year 5:

Sir Winston Churchill Secondary	\$137,800,000
Grandview Elementary	\$17,700,000
Britannia Secondary	\$72,000,000
χρeỷ Elementary	\$15,400,000
Graham Bruce Elementary	\$17,700,000
GT Cunningham Elementary	\$25,200,000
Lord Beaconsfield Elementary	\$22,300,000

B. Proposed Expansion (EXP) Submission -- New Schools

A working group, including representation from our Planning Department, meets quarterly with City of Vancouver planning staff to review City area plans and proposed major developments in the City to inform the capital plan. The purpose for the meetings is to help determine where there is a need for new schools to meet local population demand. Areas of the City that are currently underserved are as follows:

- Downtown Core for elementary school space
- South East False Creek for elementary school space
- West End for secondary school space

The Ministry of Education in a 2018/19 Capital Submission response letter dated April 9, 2018 approved a move to the feasibility phase for a new 320 capacity elementary school to be constructed on designated Official Development Plan land at Coal Harbour, located at the foot of Broughton Street adjacent to the Coal Harbour Community Centre. Project approval for this school is subject to potential proceeds from the the BC Hydro proposed substation project at Lord Roberts Annex site.

As part of the 2019/20 Capital Plan submission the new schools on the table below are proposed. New school capacity is subject to Ministry of Education approval to move to the feasibility study phase, the results of the feasibility analysis, availability of land and related acquisition costs, as well as design and construction budget scoping.

Year One: It is proposed that a new 510 capacity school be constructed on designated Official Development Plan land at Olympic Village. This site is located at Hinge Park at the foot of Columbia Street. This compact, mid-rise community is currently part of the Fraser catchment. Fraser Elementary is operating at 159% capacity in the 2017/2018 school year. Further enrolment pressures exist at Edith Cavell Elementary, Emily Carr Elementary, General Wolfe Elementary, False Creek Elementary, and Elsie Roy Elementary.

Year Five: This 5 Year Capital Plan submission also includes notional reference for new school capacity requirements at UBC/UEL and in the East Fraser Lands neighbourhood. Further residential development in the UBC/UEL area is planned for Block F, and a site has been set aside for a new elementary school. In addition, East Fraser Lands is estimated to add up to 7,226 dwelling units upon full build out of that community, and a K-7 elementary school site of 0.44 hectares is noted in the City's Official Development Plan.

		Total	VSB Contribution
Olympic Village Elementary	Year One; Capacity 510	\$48,100,000	\$ TBD
UBC/ UEL Elementary	Year Five, Capacity 410	\$25,900,000	\$ TBD
East Fraser Lands Elementary	Year Five, Capacity 510	\$32,100,000	\$ TBD

B. Proposed Expansion (EXP) Submission – School Capacity Additions

The schools on the following table are planned for expanded capacity. For schools that are undergoing seismic mitigation the cost noted below represents the marginal increased cost over and above the seismic mitigation budget.

Edith Cavell Elementary	Capacity from 290 to 485	Year 1	\$ 7,000,000
False Creek Elementary	Capacity from 240 to 410	Year 2	\$ 9,400,000
David Livingstone Elementary	Capacity from 365 to 510	Year 4	\$ 7,800,000
King George Secondary	Capacity from 375 to 1,500	Year 4	\$ 44,600,000

C. Proposed School Enhancement Program (SEP)

An internal group was established to review priorities for this category. The group was comprised of representatives of the Planning Department, the Maintenance and Construction Department, the Operations Department, and the Sustainability Department. Districts are required to demonstrate a reduction in deferred maintenance in this category of projects.

- Building envelope upgrades
- Electrical upgrades
- Washroom upgrades
- Mechanical upgrades
- Health and Safety upgrades

The following projects are proposed in the SEP program:

		Total	VSB Contribution
Wolfe Elementary	Fire Alarm and Sprinkler upgrades	\$310,000	
Wolfe Elementary	Elevator and Accessible Washroom	\$450,000	
Vancouver Technical Secondary	Skylight upgrades	\$550,000	\$50,000
Sir Winston Churchill Secondary	Fire Alarm upgrades	\$240,000	\$15,000
Hastings Elementary	Fire Alarm upgrades	\$135,000	\$10,000
Grandview Elementary	Washroom upgrades	\$230,000	\$15,000
Nootka Elementary	Washroom upgrades	\$230,000	\$10,000
GT Cunningham Elementary	Washroom upgrades	\$275,000	\$15,000
Carnarvon Elementary	Washroom upgrades	\$240,000	\$15,000

D. Proposed Building Envelope Program (BEP)

The VSB only has one school that is known to have building envelope issues. A building condition report prepared in 2008 found that some exterior wall and window assemblies are impacted by moisture induced degradation affecting primarily interior finishes at Winston Churchill Secondary.

The report at that time indicated that the timing for the work was not urgent, but it is inevitable that the building envelope remediation is required.

• Churchill Secondary School \$660,000

E. Proposed Carbon Neutral Projects (CNCP)

Project submittals in this category are required to demonstrate a reduction in carbon emissions:

Lord Roberts Elementary	Heat Plant replacement	\$362,500
Hastings Elementary	Heat Plant replacement	\$425,000
University Hill Secondary	Ventilation System upgrade	\$200,000

F. Proposed Playground Equipment Program (PEP)

Playground submissions are limited to those requiring replacement or modifications for universal accessibility.

•	University Hill Elementary	\$105,000
•	John Norquay Elementary	\$105,000
•	Waverley Elementary	\$105,000

NEXT STEPS:

The Ministry will inform school districts of supported project(s) through the Capital Plan Response Letter in March or April 2019.

RECOMMENDATION:

IT IS RECOMMENDED THAT

In accordance with provisions under section 142 (4) of the School Act, the Board of Education of School District No. 39 (Vancouver Board of Education) approves the proposed Five-Year Capital Plan, as provided on the attached Five Year Capital Plan Summary.

Attachment: Five Year Capital Plan Summary

2019/20 5-Year Capital Plan Summary (Committee II - June 13, 2018)

School District = 39 Vancouver

	SEISMIC MITIGAT	ION PROGRAM (SN	IP) PROJECTS	
Project Priority	Facility Name	Project Code	Total	Year
1	ERIC HAMBER SECONDARY (1700S)	SMP	\$ 79,300,000	
2	DAVID THOMPSON SECONDARY (1550S)	SMP	\$ 94,000,000	
3	POINT GREY SECONDARY (1100S)	SMP	\$ 78,000,000	
4	DR GEORGE M WEIR ELEMENTARY (40K/425E)	SMP	\$ 17,000,000	
5	EDITH CAVELL ELEMENTARY (40K/250E)	SMP	\$ 15,600,000	
6	GENERAL WOLFE ELEMENTARY (40K/350E)	SMP	\$ 20,500,000	
7	HENRY HUDSON ELEMENTARY (40K/300E)	SMP	\$ 27,000,000	Year 1
8	SIR GUY CARLETON ELEMENTARY	SMP	\$ 25,000,000	(2019/2020)
9	LORD BYNG SECONDARY	SMP	\$ 15,000,000	
10	CHIEF MAQUINNA ELEMENTARY	SMP	\$ 10,000,000	
11	LORD SELKIRK ELEMENTARY	SMP	\$ 5,000,000	
12	KILLARNEY SECONDARY (2200S)	SMP	\$ 101,700,000	
13	DAVID LIVINGSTONE ELEMENTARY (40K/325E)	SMP	\$ 26,800,000	
14	SIR WILFRED GRENFELL ELEMENTARY (40K/525E)	SMP	\$ 25,300,000	
15	FALSE CREEK ELEMENTARY (40K/200E)	SMP	\$ 24,500,000	
16	RENFREW COMMUNITY ELEMENTARY (60K/700E)	SMP	\$ 37,300,000	Year 2
17	TEMPLETON SECONDARY (1400S)	SMP	\$ 106,300,000	(2020/2021)
18	WAVERLEY ELEMENTARY	SMP	\$ 29,300,000	
19	SIR ALEXANDER MACKENZIE ELEMENTARY	SMP	\$ 37,000,000	
20	FLORENCE NIGHTINGALE ELEMENTARY	SMP	\$ 25,800,000	
21	PRINCE OF WALES SECONDARY	SMP	\$ 95,900,000	Year 3 (2021/2022
22	EMILY CARR ELEMENTARY (40K/250E)	SMP	\$ 28,700,000	(2021/2022)
23	GLADSTONE SECONDARY (1600S)	SMP	\$ 129,300,000	
24	WINDERMERE COMMUNITY SECONDARY (1450S)	SMP	\$ 125,200,000	
25	DR H N MACCORKINDALE ELEM	SMP	\$ 26,900,000	
26	KING GEORGE SECONDARY (375S)	SMP	\$ 50,400,000	
27	QUEEN ALEXANDRA ELEMENTARY	SMP	\$ 20,400,000	Year 4 (2022/2023)
28	SIR JOHN FRANKLIN COMMUNITY	SMP	\$ 20,400,000	(2022/2023)
29	JOHN OLIVER SECONDARY	SMP	\$ 87,900,000	
30	QUILCHENA ELEMENTARY	SMP	\$ 23,700,000	
31	SIR WINSTON CHURCHILL SECONDARY	SMP	\$ 137,800,000	
32	GRANDVIEW ELEMENTARY (20K/200E)	SMP	\$ 17,700,000	
33	BRITANNIA COMMUNITY SECONDARY	SMP	\$ 72,000,000	
34	χρεỳ ELEMENTARY (formerly Macdonald Elementary)	SMP	\$ 15,400,000	Year 5 (2023/2024)
35	GRAHAM BRUCE COMMUNITY ELEMENTARY	SMP	\$ 17,700,000	(2023/2024)
36	G T CUNNINGHAM ELEMENTARY	SMP	\$ 25,200,000	
37	LORD BEACONSFIELD ELEMENTARY	SMP	\$ 22,300,000	
		GRAND TOTAL	\$ 1,717,300,000	

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	EXPANSION PROGRAM (EXP) PROJECTS						
Project Priority	Facility Name	Project Code	Total	Year			
1	NEW ELEMENTARY SCHOOL AT COAL HARBOUR	SITEACQ	\$ -				
'	NEW ELEMENTARY SCHOOL AT COAL HARBOUR	NEW	\$ 28,200,000				
	NEW ELEMENTARY SCHOOL AT SE FALSE CREEK (OLYMPIC VILLAGE)	SITEACQ	\$ 10,000,000	Year 1 (2019/2020)			
2	NEW ELEMENTARY SCHOOL AT SE FALSE CREEK (OLYMPIC VILLAGE)	NEW	\$ 38,100,000	(====,====,			
3	EDITH CAVELL ELEMENTARY	ADD	\$ 7,000,000				
4	FALSE CREEK ELEMENTARY	ADD	\$ 9,400,000	Year 2 (2020/2021)			
5	DAVID LIVINGSTONE ELEMENTARY	ADD	\$ 7,800,000	Year 4			
6	KING GEORGE SECONDARY	ADD	\$ 44,600,000	(2022/2023)			
7	NEW UBC SOUTH CAMPUS ELEMENTARY SCHOOL	NEW	\$ 25,900,000	Year 5 (2023/2024)			
8	NEW ELEMENTARY SCHOOL AT EAST FRASER LAND	NEW	\$ 32,100,000				
		GRAND TOTAL	\$ 203,100,000				

	BUILDING ENVELOPE PROGRAM (BEP) PROJECTS							
Project Priority	Facility Name	Project Code	Total	Year				
1	SIR WINSTON CHURCHILL SECONDARY	BEP	\$ 660,000	Year 1 (2019/2020)				
		\$ 660,000						

SCHOOL ENHANCEMENT PROGRAM (SEP) PROJECTS					
Project Priority	Facility Name	Project Code	Project Description	Total	
1	GENERAL WOLFE ELEMENTARY	SEP	Fire alarm system/sprinklers upgrade	\$	310,000
2	GENERAL WOLFE ELEMENTARY	SEP	Elevator and Accessible Washroom	\$	450,000
3	VANCOUVER TECHNICAL SECONDARY	SEP	Sky light replacement	\$	550,000
4	SIR WINSTON CHURCHILL SECONDARY	SEP	Fire alarm system upgrade	\$	240,000
5	HASTINGS ELEMENTARY	SEP	Fire alarm system upgrade	\$	135,000
	GRANDVIEW ELEMENTARY	SEP	Washroom upgrades	\$	230,000
6	NOOTKA ELEMENTARY	SEP	Washroom upgrades	\$	230,000
6	GT CUNNINGHAM ELEMENTARY	SEP	Washroom upgrades	\$	275,000
	CARNARVON ELEMENTARY	SEP	Washroom upgrades	\$	240,000
			GRAND TOTAL	\$	2,660,000

CARBON NEUTRAL CAPITAL PROGRAM (CNCP) PROJECTS							
Project Priority	Facility Name Project Code Project Description Total						
1	LORD ROBERTS ELEMENTARY	CNCP	Replace heat plant	\$	362,500		
2	HASTINGS ELEMENTARY	CNCP	Replace heat plant	\$	425,000		
3	UNIVERSITY HILL SECONDARY	CNCP	Ventilation system upgrade	\$	200,000		
			GRAND TOTAL	\$	987,500		

	PLAYGROUND EQUIPMENT PROGRAM (PEP) PROJECTS					
Project Priority	Facility Name	Project Code	Project Description		Total	
1	UNIVERSITY HILL ELEMENTARY	PEP	CSA non compliancy; Request for complete replacement	\$	105,000	
2	JOHN NORQUAY ELEMENTARY	PEP	Request for addition of rubberized surfacing	\$	105,000	
3	WAVERLEY ELEMENTARY	PEP	Request for addition of rubberized surfacing	\$	105,000	
			GRAND TOTAL	\$	315,000	

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Five-Year Capital Plan Submission 2019/20 to 2024/25

Annual Five-Year Capital Plan submissions from boards of education are used by the Ministry to determine which priority capital projects may be included in the Ministry's Capital Plan for the following fiscal year.

The capital plan submissions also provide the Ministry with important insight into future year capital priorities, which can be used for longer term government planning and the determination of potential future capital funding requirements for the public education system.



All Year One projects should be sufficiently developed to provide a

- reliable assessment of need,
- scope of work,
- schedule and
- cost estimate.
- Submission of a Five-Year Capital Plan is due June 30th for 2019/20 year
- Response from Ministry expected in March of the following year, or March 2019



Annual Capital Programs:

- School Enhancement Program (SEP)
- Carbon Neutral Capital Program (CNCP)
- Bus Acquisition Program (BUS)
- Playground Equipment Program (PEP)

Major Capital Programs:

- Seismic Mitigation Program (SMP)
- School Expansion Program (EXP)
- School Replacement Program (REP)
- Building Envelope Program (BEP)

The Annual Facilities Grant (AFG) funding program is excluded from the annual Five-Year Capital Plan submissions, as it is a separate process.



Ministry Response to 2018/19 Capital Plan

• (2018/2019) Ministry Capital Response letter March 2018

New Coal Harbour Elementary	EXP
General Wolfe Elementary	SMP
Edith Cavell Elementary	SMP
Dr George M Weir Elementary	SMP
Lord Selkirk Elementary	SMP
Chief Maquina Elementary	SMP
Lord Byng Secondary	SMP
Sir Guy Carleton Elementary	SMP
Henry Hudson Elementary	SMP
Magee Secondary	SEP
Various washroom upgrades	SEP
Various Roof Barriers	SEP
Various Electrical	SEP



Capital Plan Submission Criteria Seismic Mitigation Program (SMP)

- H1/H2 (H3 in limited circumstances)
- Based on LRFP priorities (immediate priorities noted- LRFP)
- High enrolment (school required 10 years into the future 2027)
- Surrounding School capacity will be considered (PDR submittal)
- Must demonstrate enrolment management (right sizing)
- Must be manageable to deliver given time and resource limitations
- Years 1 and 2 are considered by MoE for approvals to advance
- Years 3 to 5 are notional projects only (used for future planning)



SMP Project Prioritization

The District should also consider the following:

- Availability of adequate student space at neighbouring schools to accommodate forecasted enrolment
- Consolidation of students in neighbouring school(s)
- Seismic strengthening of existing school
- Seismic strengthening and partial replacement of existing school
- Full replacement on the existing site
- Full replacement on a new site
- The Facility Condition Index (FCI) for the school
- Temporary Accommodation plan completed has some impact on sequencing projects



SMP Typical Project Approval Process

Wolfe Elementary

SEISMIC PROGRAM

4251 Ontario St.
Vancouver, BC V5V 3G8
Canada
See map: Google Maps
General Wolfe



	Project Identification				Feasib	oility	Design	Cons	truction
Long Range Facilities Plan	Project Identification Report (PIR)	Capital Plan	Initial Ministry Support	Seismic Project Identification Report (SPIR)	Project Definition Report (PDR)	Ministry Support Project Agreement	Design Development	Project Tender	Construction
<u> </u>					Current Status				-

Current Status

- Project Definition Report (feasibility study)
 - o Investigates whether the school building should be strengthened or rebuilt
 - Defines the project scope of work and costing for submission to the Ministry of Education for funding approval
- · The Project Definition Report is underway

Next Steps

- Approval of the Project Definition Report (PDR) recommendation by the Vancouver Project Office (VPO) Steering Committee
 - o The VPO Steering Committee is a joint committee of the Ministry of Education and the Vancouver School Board
- · Signing of a Project Agreement between the Ministry of Education and the Vancouver School Board



EXP Project Prioritization The District should consider the following:

- Student enrolment has continued to increase over the previous five school years
- Student enrolment is forecasted to show continued growth over the next 10 years
- The LRFP identifies the local circumstances that will corroborate the continued student enrolment in the future
- New permanent school space is needed for the provision education programming for existing students, and students new to the school district
- The availability of appropriately sized properties for development of a school site
- Adequate student space is available at a neighbouring school(s) to accommodate current and forecasted student enrolment
- Excess student enrolment may be accommodated by providing temporary educational settings, such as portable classrooms or leased space
- Accommodation of students in neighbouring schools



2019/20 Capital Plan Year One

Killarney Secondary	SMP	
Livingstone Elementary	SMP	
Grenfell Elementary	SMP	
Olympic Village Elementary	EXP New School	
Edith Cavell Elementary	EXP	
Sir Winston Churchill Secondary	BEP	



2019/20 Capital Plan Year Two

False Creek Elementary	SMP
False Creek Elementary	EXP
Renfrew Elementary	SMP
Templeton Secondary	SMP
Waverley Elementary	SMP



2019/20 Capital Plan Year Three

Sir Alexander MacKenzie Elementary	SMP
Florence Nightingale Elementary	SMP
Prince of Wales Secondary	SMP
Emily Carr Elementary	SMP
Gladstone Secondary	SMP



2019/20 Capital Plan Year Four

Windermere Secondary	SMP
Dr HN MacCorkindale Elementary	SMP
David Livingstone	EXP
King George Secondary	SMP
King George Secondary	EXP
Queen Alexandra Elementary	SMP
Sir John Franklin Community Elementary	SMP
John Oliver Secondary	SMP
Quilchena Elementary	SMP



2019/20 Capital Plan Year Five

Sir Winston Churchill Secondary	SMP
Grandview Elementary	SMP
Britannia Community Secondary	SMP
χρeỷ Elementary	SMP
Graham Bruce Community Elementary	SMP
GT Cunningham Elementary	SMP
Lord Beaconsfield Elementary	SMP
New UBC South Campus Elementary	EXP
New East Fraser Lands Elementary	EXP



Annual Capital Program Submission

Projects are to be delivered by the end of the year (2019/20)

- School Enhancement Program (SEP)
 - Improve the safety, condition or functionality of schools, extend useful life
- Carbon Neutral Capital Program (CNCP)
 - Energy efficiency projects that lower carbon emissions
- Playground Equipment Program (PEP)
 - New or replacement playground equipment



2019/20 Annual Capital Plan Submission

General Wolfe Elementary	School Enhancement Program (SEP)
Vancouver Technical Secondary	SEP
Sir Winston Churchill Secondary	SEP
Hastings Elementary	SEP
Grandview Elementary	SEP
Nootka Elementary	SEP
GT Cunningham Elementary	SEP
Carnarvon Elementary	SEP
Lord Roberts Elementary	Carbon Neutral Capital Program (CNCP)
Hastings Elementary	CNCP
University Hill Secondary	CNCP
University Hill Elementary	Playground Equipment Program (PEP)
John Norquay Elementary	PEP
Waverley Elementary	PEP

