

NOTICE OF MEETING

FACILITIES PLANNING COMMITTEE

Secretary Treasurer's Office
June 15, 2022
Public viewing via live broadcast

Allan Wong
Oliver Hanson
Jennifer Reddy
Carmen Cho

Helen McGregor, Superintendent of Schools
J. David Green, Secretary-Treasurer

Notice of Meeting

A Meeting of the **Facilities Planning Committee** will be held in room 180 of the VSB Education Centre (1580 West Broadway, Vancouver BC) for **participating trustees, staff, and stakeholder representatives** on **Wednesday, June 15, 2022 at 6:30 pm**. The meeting will be live broadcast for the public. The Education Centre is currently closed to the public.

Trustees:	Fraser Ballantyne Lois Chan-Pedley (Alternate) Janet Fraser	Estrellita Gonzalez Barb Parrott
Student Trustee:	Ricky Huang	
Other Senior Management Staff attending:	David Nelson	
Reps:	Terry Stanway, VSTA Danielle Durant, VESTA Kelly Egilsson, VASSA Karen Noel-Bentley, VEPVPA Tim Chester, IUOE Ajaz Hassan, PASA Cynthia Schadt, CUPE 15 Vik Khanna, DPAC Neil Munro, Trades Brent Boyd, CUPE 407 Jaden Cheah, VDSC	Alt: Treena Goolieff, VSTA (Alt.) Allison Jambor, VESTA (Alt.) Cathy Thomas, VEPVPA (Alt.) Tim De Vivo, IUOE Skye Richards, DPAC (Alt. 1) Jen Brummitt, DPAC (Alt. 2)
Other Staff:	John Dawson Ron Macdonald Rosie Poetscke	

FACILITIES PLANNING COMMITTEE

MEETING AGENDA (Revised)

Wednesday, June 15, 2022
at 6:30 pm
Room 180, VSB Education Centre

We are unlearning and relearning on the traditional and unceded lands of the x^wməθk^wəy^am (Musqueam), Sk̓wx̓wú7mesh (Squamish) and səliłwətał (Tseilil-Waututh) Nations. The meeting is being live-streamed and the audio and visual recording will also be available to the public for viewing after the meeting. The footage of the meeting may be viewed inside and outside of Canada.

Meeting Decorum:

The Board has a strong commitment to ethical conduct. This includes the responsibility of committee members to conduct themselves with appropriate decorum and professionalism. As Chair of the Committee, it is my responsibility to see that decorum is maintained. To do that I ask that:

- i. All members request to speak through the chair;
- ii. Civility towards others is maintained as stakeholder representatives and trustees share perspectives and participate in debate;
- iii. Staff be able to submit objective reports without influence or pressure as their work is acknowledged and appreciated;
- iv. Committee members refrain from personal inflammatory/accusatory language/action;
- v. Committee members, trustees, representatives and /staff present themselves in a professional and courteous manner.

Please see reverse for the Purpose/Function and Power and Duties of this Committee.

1. Items for Approval

- 1.1 Draft 2023-2024 Five-Year Capital Plan Submission

Presenters

J. David Green, Secretary-Treasurer
John Dawson, Director of Educational Planning
Ron Macdonald, Director of Facilities

2. Information Items

- 2.1 Accessibility Update
- 2.2 2020 Long Range Facilities Plan (LRFP) Update
- 2.3 Proposed Catchment Boundary Adjustments – Carleton Elementary Catchment

Ron Macdonald, Director of Facilities
Rosie Poetscke, Director of Instruction Learning Services
Will Chan, Project Coordinator

J. David Green, Secretary-Treasurer
John Dawson, Director of Educational Planning

J. David Green, Secretary-Treasurer
John Dawson, Director of Educational Planning

3. Discussion Items

None

4. Information Item Requests

Committee members may request follow-up information on previously discussed items and/or suggest possible topics for future committee meetings agendas. All requests for future agenda items will be considered by the Chair and Vice Chair at their weekly Agenda Setting meeting.

Date and Time of Next Meeting

TBC

Facilities Planning Committee

2.1 Purpose/Function:

2.1.1 To review and provide recommendations to the Board in regard to assigned facilities planning matters.

2.2 Powers and Duties:

2.2.1 School Closures:

2.2.1.1 Review the materials provided by senior staff to the Board regarding a possible school closure and provide a recommendation to the Board as to whether the committee supports the possible closure advancing to the school closure public consultation process phase.

2.2.2 Naming and Renaming Schools:

2.2.2.1 Within the constraints of Board direction provided at the outset of any potential school naming or renaming process provide recommendations to the Board.

2.2.3 Student Enrolment:

2.2.3.1 Annually review enrolment and enrolment trends and the potential impact on capital planning, student accommodation and catchment changes.

2.2.4 Capital Planning:

2.2.4.1 Annually review and make recommendations regarding the draft five year capital plan for submission to the BC Ministry of Education.

2.2.5 Long Range Facilities Plan:

2.2.5.1 Annually review and make recommendations regarding the draft long range facilities plan for submission to the BC Ministry of Education.

2.2.6 Facilities Planning Matters Referred to the Committee by the Board:

2.2.6.1 Review matters referred and make recommendations as requested.

June 15, 2022

REVISED ITEM 1.1

To: Facilities Planning Committee

From: David Green, Secretary Treasurer
John Dawson, Director of Educational Planning
Ron McDonald, Director of Facilities

RE: Draft 2023-2024 Five-Year Capital Plan Submission

Reference to Education Plan:

Goal 1: The Vancouver School Board will improve student achievement, physical and mental well-being, and belonging by ...

- *Improving school environments to ensure they are safe, caring, welcoming, and inclusive places for students and families.*

Goal 2: The Vancouver School Board will increase equity by ...

- *Improving stewardship of the district's resources by focusing on effectiveness, efficiency, and sustainability.*

Reference: [Capital Planning Documentation](#)

INTRODUCTION:

This report contains recommendations for approval of the 2023-2024 Five-Year Capital Plan by the Board of Education at the June 27, 2022, Board meeting.

BACKGROUND:

The Ministry requires two Board-approved Capital Plan Resolutions, one resolution for Major Capital Programs and another resolution for Minor Capital Programs to support the Capital Plan submission. The Major Program and Building Envelop requests are to be submitted by June 30, 2022, and the Minor Program requests are to be submitted by September 30, 2022. This report includes the proposed Capital Plan submission for each of the following Capital Programs.

Major Capital Programs

- A. Seismic Mitigation Program (SMP)
- B. Expansions (EXP) or (New schools and School Capacity Additions)

Minor Capital Programs

- C. Carbon Neutral Capital Program (CNCP)
- D. Playground Equipment Program (PEP)
- E. School Enhancement Program (SEP)
- F. Building Envelope Program (BEP)

MAJOR CAPITAL PROGRAM UPDATE:

The District received the Ministry Response to the Annual Five-Year Capital Plan Submission for 2022/23 in March. The information in the response letter is summarized below:

- The Ministry has reviewed the Vancouver Board of Education’s recently approved Long-Term Investment Plan, which builds on the Long-Range Facilities Plan to prioritize future capital investments across the District with consideration to partnership opportunities, public use of facilities and enrolment changes.
- The seismic upgrade of Sir Wilfred Grenfell Elementary remains supported in the feasibility stage of developing the business case for government investment.
- The David Thompson, Killarney, and False Creek projects have all been deferred – at this time, these projects are not supported priorities in the Ministry Capital Program. The District has been advised to consider re-submitting alongside other capital priorities in the 2023-2024 Five Year Capital Plan Submission.
- The District is encouraged to secure final agreement on a site for a future Olympic Village Elementary School from the City of Vancouver, to enable this capital priority of shared interest to advance to the next stage.
- The Ministry will advance \$1.665 million for various minor capital projects, including approval of a heat pump for the Weir project and new universally accessible playgrounds at Champlain Heights and MacCorkindale.

STATUS OF SMP AND EXP:

District Overview

Seven annexes, forty elementary schools and six secondary schools are seismically safe. There are eight additional SMP projects in the construction or design phase that will increase the total number of safe schools to sixty-one. Five annexes, thirty elementary schools and eleven secondary schools will remain at high risk in a seismic event when the projects currently in design and construction are completed.

Figure 1 – Overview of the Number of Safe and High-Risk Schools

School Type	Safe	In Progress	Total Safe	Total High Risk	Total
Annex	7	0	7	5	12
Elementary	40	7	47	30	77
Secondary	6	1	7	11	18
Totals	53	8	61	46	107

*Does not include new school at Coal Harbour

Completed Projects

Figures 2, 3 and 4 list completed major capital projects (upgraded, replacement and new) that have been funded through the SMP or EXP programs since the inception of the Vancouver Project Office (2014).

Figure 2 – SMP Seismic Upgrade Projects

School Name	School Type	Capital Program	Project Type	Year Completed
Byng	Secondary	SMP	Upgrade	2021
Wolfe	Elementary	SMP	Upgrade	2021
Selkirk	Elementary	SMP	Upgrade	2021
Maquinna	Elementary	SMP	Upgrade	2021
Jamieson	Elementary	SMP	Upgrade	2018
Kingsford-Smith	Elementary	SMP	Upgrade	2018
Strathcona	Elementary	SMP	Partial Upgrade	2017
Queen Mary	Elementary	SMP	Partial Upgrade	2016

Figure 3 – SMP Replacement Projects

School Name	School Type	Capital Program	Project Type	Year Completed
Tennyson	Elementary	SMP	Replacement	2020
Maple Grove	Elementary	SMP	Replacement	2020
Fleming	Elementary	SMP	Replacement	2020
Nelson	Elementary	SMP	Replacement	2019
Kitsilano	Secondary	SMP	Replacement	2018

Figure 4 – EXP New Schools

School Name	School Type	Capital Program	Project Type	Year Completed
Crosstown	Elementary	EXP	New School	2017
Norma Rose Point	Elementary	EXP	New School	2014

Elementary School Projects Currently in Progress

Figures 5 and 6 list the status of elementary school projects with signed capital project funding agreements.

Figure 5 – Status of Elementary SMP Projects

Project Name	Capital Program	Project Type	Project Stage
Bayview	SMP	Replacement	Construction
Begbie	SMP	Replacement	Construction
Cavell	SMP	Upgrade	Construction
Lloyd George	SMP	Replacement	Construction
Weir	SMP	Partial Replacement	Construction
Hudson	SMP	Replacement	Design
Livingstone	SMP	Upgrade	Design

Figure 6 – Status of Elementary EXP Projects

Project Name	Capital Program	Project Type	Project Stage
Coal Harbour	EXP	New School	Construction

Secondary School Projects Currently in Progress

Figure 7 list the status of secondary schools with signed capital project funding agreements.

Figure 7 – Status of Secondary SMP projects

Project Name	Capital Program	Project Type	Project Stage
Hamber	SMP	Replacement	Construction

PLANNING ASSUMPTIONS:

Funding and Approval

Through the Seismic Mitigation Program (SMP) the Ministry of Education has made a commitment to fund the projects necessary to accommodate all VSB students in seismically safe schools. The SMP commitment from the Ministry does not ensure that all VSB schools currently in use will be funded for seismic upgrading or replacement. The SMP priorities identified in the draft Five-Year Capital Plan reflect the need to prioritize schools that have the capacity to receive students from nearby schools that may not be upgraded or replaced through the SMP.

Observations about the Seismic Program

The SMP functions differently for secondary and elementary schools. Figure 8 compares planning considerations for secondary and elementary seismic mitigation project implementation.

Figure 8 – Planning Considerations – Secondary and Elementary SMP Project Implementation

Consideration	Secondary	Elementary
Approval Process	Some supported projects may not be funded	Supported projects are generally funded.
Timeline	7 – 9 years from feasibility to occupancy.	5 – 6 years from feasibility to occupancy
Costs	Range \$90-\$120M	Range \$20- \$40 M
Procurement	Design-Build or Construction Management	Design – Bid – Build or Construction Management
Temporary Accommodation	Single site required to move students offsite	Feasible, more options available
Educational Programming	Comprehensive programming - sustaining educational programming options requiring specialty spaces is a primary concern	Less requirement for specialty spaces

Capital Plan – Ministry Practices

- Capital requests in years 1-3 of the Capital Plan are subject to detailed review by Ministry Staff
- Capital requests in years 4 and 5 of the Capital Plan are notional requests
- To be considered for approval there must be a defensible business case
 - Current and projected enrolment and capacity utilization percentages are fundamental considerations in establishing a business case for funding

PRIORITIZATION METHODOLOGY (SMP):

Capital funding from the province has been committed to address seismic mitigation requirements of high-risk schools identified in the SMP. The Five-Year Capital Plan submission allows the Ministry to identify the highest priority projects to consider for major capital investment.

Prioritization for funding of seismic projects primarily includes consideration of the level of risk, with the funding of H1, H2 and H3 risks receiving the highest priority consideration by the Ministry.

In consideration of the context of the VSB, District Staff have identified and categorized the following seven planning criteria to support the development of the Capital Plan Submission.

Figure 9 – Project Prioritization Criteria

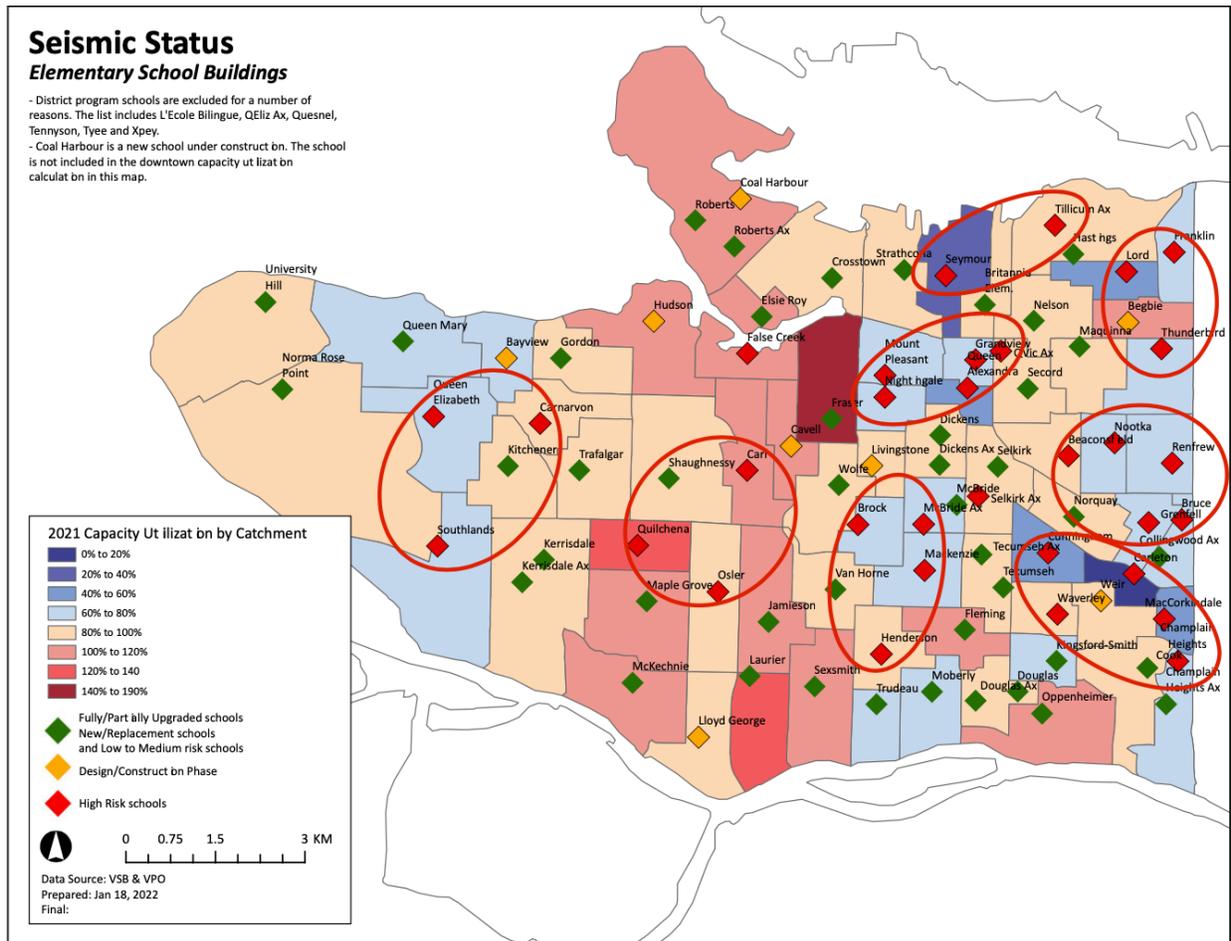
Criteria	Priority	Description
High Seismic Risk Factor	1	Statistic - % High risk X Enrolment
Geographic Location is Essential	1	Geographic accessibility or isolation
Capacity	2	Prioritizing schools that have sufficient capacity to accommodate students from nearby schools that are not seismically safe
Forecast CU is high	2	Forecast Capacity Utilization % is high
Capacity of Surrounding Schools	3	Assessment of safe capacity in surrounding schools to receive students
Availability of TA	3	Temporary Accommodation site is available
Limited Scope	3	Potential for MOE support due to limited scope

Zonal Analysis – Elementary Schools and Annexes

The SMP has progressed to a point where there are discrete zones in the District that contain clusters of elementary schools that are not yet seismically safe. Many of these zones have overall low-capacity utilization.

The following Seismic Status chart, in Figure 10 below, does not show the following schools which have the District as their catchment: Quesnel, Queen Elizabeth Annex, Tennyson, L 'Ecole Bilingue, Tyee, Xpey' and Douglas Annex.

Figure 10 – Elementary School Seismic Status

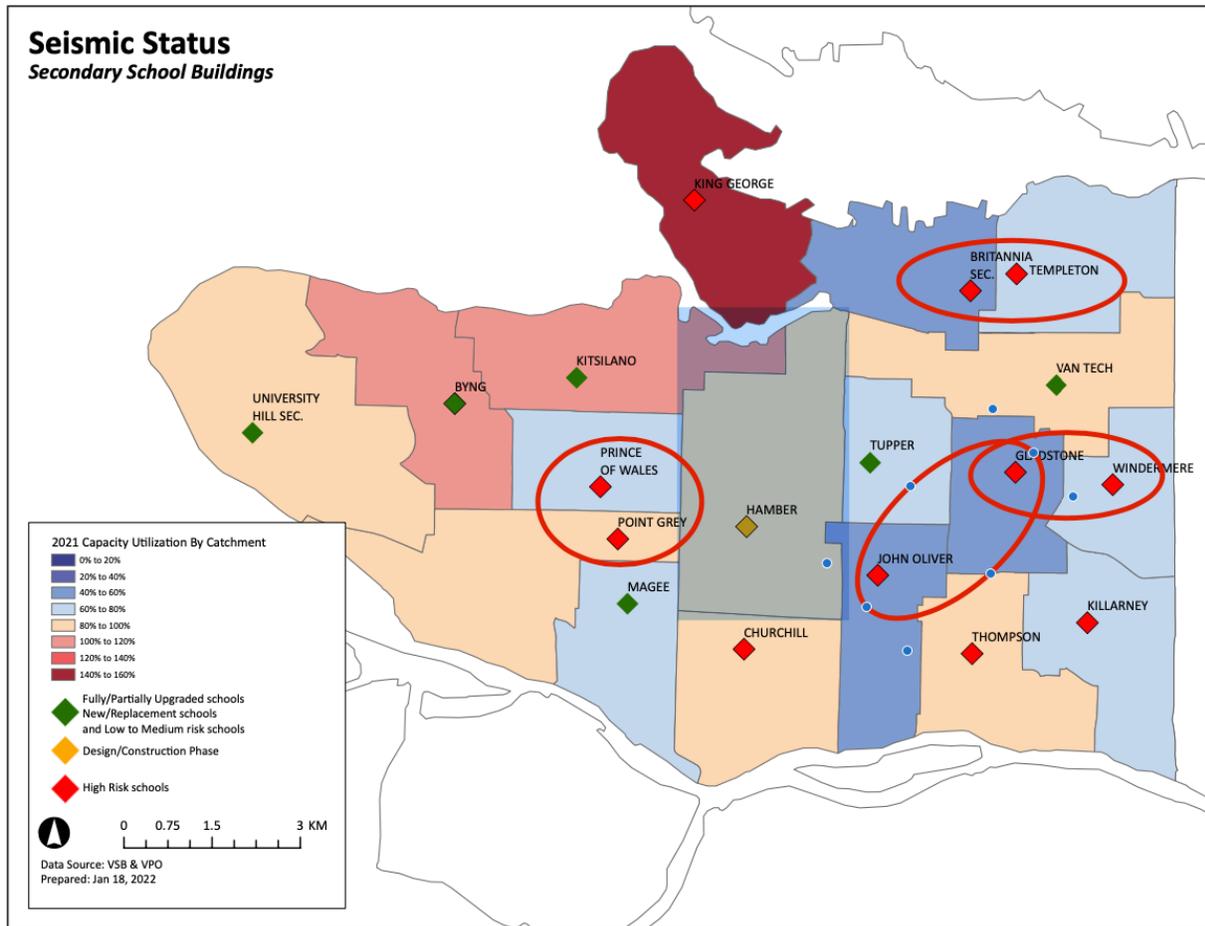


Zonal Analysis – Secondary Schools

There are six District secondary schools that are seismically safe. The Hamber replacement project is in the construction phase scheduled for completion in 2024. There are eleven secondary schools that have areas of the building that are at High risk in a seismic event. Each of these eleven schools has an overall seismic risk rating of H1.

The four secondary school zones identified in Figure 11 below are areas of low enrolment with schools operating at low-capacity utilization. A further enrolment decline is forecast for each of the zones except for the Northeast zone (Templeton and Britannia) where enrolment is expected to remain stable. The BC resident enrolment (does not include international students) at each of the seven schools in the four zones is below 1,000, ranging from 607 to 974. None of the schools are in the preferred secondary school size range of 1,200 to 1,700 for secondary schools.

Figure 11 –Secondary Schools Seismic Status



ELEMENTARY SCHOOL PRIORITIES (SMP)

District staff have applied the criteria identified in Figure 9 on page 5 to the groups of schools within the identified zones to prioritize the funding requests for the draft 2023-24 Five-Year Capital Plan Submission (5YCP). Each year of the 5YCP contains requests for two to three elementary schools.

In the 2022-23 Capital Plan response letter the District was advised that the False Creek project has been deferred and that this project is not a supported priority in the Ministry Capital Program. False Creek is prioritized in year 1 of the draft 5YCP, along with Mackenzie and Renfrew. A Project Definition Report (PDR) has been completed for the False Creek project.

Figure 12 – Elementary Schools Year 1

CP year	School Name	Seismic Risk 2015 MOE	Nominal Capacity
1	Mackenzie	H1	635
1	Renfrew	H1	760
1	False Creek	H1	250
Total			1,645

Mackenzie is a large centrally located school that currently enrolls 429 students. Mackenzie’s enrolment is forecast to decline further. It has sufficient capacity to offer diverse programming options or receive students from surrounding schools that are not seismically safe. There is insufficient seismically safe capacity in surrounding schools to accommodate students from Mackenzie. Mackenzie is a site that would be a suitable location for District Programs as it is in a main transit corridor accessible from various parts of the District. Based on its operating capacity of 574, Mackenzie has about 150 seats of additional capacity available.

Renfrew is a large school on the east side of the District that currently enrolls 457 students. Renfrew’s enrolment is forecast to remain stable. It has sufficient capacity to offer diverse programming options or receive students from surrounding schools that are not seismically safe. Based on its operating capacity of 619, Renfrew has about 160 seats of additional capacity available. There is insufficient seismically safe capacity in surrounding schools to accommodate students from Renfrew.

Figure 13 – Elementary Schools Year 2

CP year	School Name	Seismic Risk 2015 MOE	Nominal Capacity
2	Waverley	H1	510
2	Nightingale	H1	390
2	Carr	H1	290
Total			1,190

Waverley is a large school in the southeastern area of the District. Waverley currently enrolls 378 students. Waverley’s enrolment is forecast to decline. There is insufficient seismically safe capacity in surrounding schools to accommodate students from Waverley. Most the schools surrounding Waverley have been seismically upgraded or replaced and there is no opportunity to increase the number of safe seats in the area to accommodate Waverley students.

Nightingale is a centrally located mid-sized school which serves as an overflow school for Fraser Elementary. Fraser is in an area with increasing enrolment due to residential redevelopment. Nightingale currently enrolls 267 students and enrolment is forecast to increase due to the influx of students from the Fraser catchment. There is insufficient seismically safe capacity in surrounding schools to accommodate students from Nightingale and overflow students from Fraser.

Carr is a medium sized centrally located school in the North Cambie corridor. Carr currently enrolls 291 students and is forecast to remain full for the foreseeable future. The North Cambie corridor faces ongoing enrolment pressure due to planned developments and Carr was designated a full school for the 2021-2022 school year. There is insufficient seismically safe capacity in surrounding schools to accommodate students from Carr.

Figure 14 – Elementary Schools Year 3

CP year	School Name	Seismic Risk 2015 MOE	Nominal Capacity
3	Franklin	H1	295
3	Osler	H1	315
3	Mount Pleasant	H3	315
Total			925

With the Burrard inlet to the North, Burnaby to the east, and the Cassiar connector to the west, Franklin serves a catchment that is geographically unique. Franklin currently enrolls 203 students. Enrolment at Franklin is forecast to increase slowly and there is insufficient seismically safe capacity in surrounding schools to accommodate students from Franklin.

Osler is a medium sized school that currently enrolls 252 students. Osler is adjacent to schools to the east that are currently experiencing enrolment pressure. Osler currently serves as an overflow school for neighbouring schools and will continue to do so in the future. There is insufficient seismically safe capacity in surrounding schools to accommodate students from Osler.

Mount Pleasant is a medium sized school that currently enrolls 214 students. Mount Pleasant continues to serve as an overflow school for False Creek. To accommodate overflow students from neighboring schools, Mount Pleasant has undergone renovations to create additional classrooms. There is insufficient seismically safe capacity in surrounding schools to accommodate students from Mount Pleasant.

Figure 15 – Elementary Schools Years 4 and 5

CP year	School Name	Seismic Risk 2015 MOE	Nominal Capacity
4	Champlain Heights	H3	495
4	Beaconsfield	H1	315
4	MacCorkindale	H2	490
5	Grandview	H1	220
5	Southlands	H1	340
5	Seymour	H1	370
Total			2,230

Schools listed in years 4 and 5 of the Capital Plan Submission are ‘notional’. Capital requests in years 1-3 are most extensively studied by the Ministry and are typically the topic of planning discussions between the Ministry and school districts.

SECONDARY SCHOOL PRIORITIES (SMP)

District staff have prioritized the secondary school funding requests based on the criteria in Figure 9 on page 5.

In the 2022-23 Capital Plan response letter the District was advised that the David Thompson and Killarney projects have been deferred and that these projects are not supported priorities in the Ministry Capital Program. There is no seismically safe secondary school capacity in the Southeast region of the District. Seismic projects for David Thompson and Killarney remain top planning priorities, these schools have been prioritized in year 1 of the Capital Plan. A Project Definition Report (PDR) – detailed feasibility study - has been substantially completed for both the David Thompson and the Killarney projects.

Figure 16 – Secondary Schools Years 1-3

CP year	School Name	Seismic Risk	Nominal Capacity
1	David Thompson	H1	1,550
1	Killarney	H1	2,200
2	Churchill	H1	2,000
2	John Oliver	H1	1,700
3	King George	H1	375
Total			7,825

Churchill is the largest school in the District with a nominal capacity of 2,000. Currently Churchill enrolls over 1,950 students. The school is centrally located, and it is essential to accommodate a large population of District secondary students. There is insufficient seismically safe capacity in schools surrounding Churchill to accommodate its students and this situation will prevail in future years.

John Oliver is ideally located in relation to public transit to serve current and future District enrolment needs. It is a large school with a nominal capacity of 1,700 students. Currently the school enrolls close to 1,000 students. John Oliver’s enrolment and capacity utilization are forecast to decline in future years. If, through the SMP, a replacement school was built at the John Oliver site, the availability of the current school building for use as a large centrally located temporary accommodation facility could potentially accelerate the overall SMP for secondary schools. King George serves students in the downtown peninsula of Vancouver. A secondary school at this location is geographically essential for the District.

King George is the smallest secondary school in the District with a nominal capacity of 375. Currently the school enrolls 598 students and is operating well above 100% capacity utilization. Demand for catchment enrolment at King George is forecast to increase as students move from its family of elementary schools into the secondary grades. King George will be unable to accommodate the forecasted increase in catchment enrolment.

Figure 17 – Secondary Schools Years 4 and 5

CP year	School Name	Seismic Risk	Nominal Capacity
4	Windermere	H1	1500
5	Templeton	H1	1400
Total			4000

Schools listed in years 4 and 5 of the Capital Plan Submission are ‘notional’. Capital requests in years 1-3 are most extensively studied by the Ministry and are typically the topic of planning discussions between the Ministry and school districts.

SCHOOL EXPANSION PROGRAM PRIORITIES (EXP):

The school expansion program includes new schools, site acquisitions, and additions to existing schools required to accommodate sustained requirements for additional student enrolment.

Figure 18 – New School Requests

CP Year	School Name	Facility Type	Nominal Capacity
1	Olympic Village	Elementary	510 (60K/450E)
5	UBC South	Elementary	410 (60K/350E)
5	New School at Roberts Annex site	Elementary	510(60K/450E)
Total			1,430

A new school at Olympic Village would serve the immediate need of the Olympic Village community which is experiencing steadily increasing enrolment growth. A new school could also relieve enrolment pressure from further south in the current Fraser catchment, and further west in the current False Creek catchment.

Figure 19 – School Expansion Requests

CP Year	School Name	Project	NC Increase	New NC
1	False Creek	Addition (5 CR)	120 (20K/100E)	410 (60K/350E)
2	Carr	Additional Wing (9 CR)	220 (20K/200E)	510(60K/450E)
3	King George	Addition / expansion	625	1,000
5	Hudson	Additional Wing (6 CR)	145 (20K/125E)	510 (60K/450E)
Total			1,110	2,430

The school addition requests identified for consideration by the Ministry are intended to address sustained enrolment pressure in the Kitsilano, Downtown and Central regions of the District. There are potential fiscal economies that could be realized if expansion requests were approved in alignment with SMP project agreements.

MINOR CAPITAL PROGRAMS (SEP, CNCP, PEP, BEP)

The minor capital programs include the School Enhancement Program (SEP), the Carbon Neutral Capital Program (CNCP), the Playground Equipment Program (PEP) and the Building Envelope Program (BEP). These are all program requests for funding in the year 2023/2024.

School Enhancement Program (SEP)

The SEP program provides capital funding for projects that will improve the safety, facility condition, operational efficiency, and functionality of existing schools, with the objective to extend their useful physical life. Projects are permitted in six categories of upgrade defined as: roofing, exterior wall systems, interior construction, HVAC, electrical, and plumbing upgrades. There are criteria for the cost range and eligibility of projects. Five requests are permitted annually for submission.

SEP submissions for 2023/2024 include projects focused on accessibility, life safety, and asset (building) preservation and are shown in Figure 20.

Figure 20 – School Enhancement Program (SEP) submission for 2023/2024

Project Type	Scope or Location	\$
Electrical	Prince of Wales Fire Alarm Upgrade	\$ 300,000
Electrical	Point Grey PA Upgrade	\$ 300,000
Exterior Wall System	Cook Elementary Roller Shutters	\$ 150,000
Roofing	Van Tech Shop Wing Skylights Removal and Building Roofing	\$ 600,000
Exterior Wall System	Van Tech Building Envelope Upgrade	\$ 450,000
Total		\$1,800,000

Carbon Neutral Capital Program (CNCP)

The CNCP program provides funding for energy efficiency projects that work to lower a school district’s carbon emissions. Co-benefits of this capital funding include operational cost savings and coordinated funding with other capital programs. Five requests are permitted annually for submission. The program does not specify funding cost boundaries, but cost estimates are subject to adjustment based on final project scoping. Proposed Projects for the 2023/2024 submission are shown in Figure 21.

Figure 21 – Carbon Neutral Capital Program (CNCP) Submission for 2023/2024

Priority	School Name	Type of work	\$
1	Magee Secondary	New heating plant	\$667,880
2	Wolfe Elementary (frame building)	New heating plant	\$330,000
3	University Hill Elementary	New heating plant	\$442,000
4	Cavell Elementary	New heating plant	\$529,000
5	Killarney Secondary	Controls Upgrades	\$25,000
Total			\$1,993,880

Playground Equipment Program (PEP)

The Playground Equipment Program (PEP) was established to provide playground equipment at schools that do not have any playground equipment or to replace aging equipment that could pose a safety hazard. The PEP program provides specific funding for accessible structures. Three submissions are permitted annually. All VSB submissions for 2023/2024 are focused on accessible equipment and surfacing.

Figure 22 – Playground Equipment Program (PEP) Submission for 2023/2024

Priority	School Name	Type of Work	\$
1	Cunningham Elementary	New accessible playground equipment (including rubber surfacing) for students with accessibility challenges	\$165,000
2	Cook Elementary	New accessible playground equipment (including rubber surfacing) for students with accessibility challenges	\$165,000
3	Trudeau Elementary	New accessible playground equipment (including rubber surfacing) for students with accessibility challenges	\$165,000

Building Envelope Program (BEP)

The Building Envelope Program (BEP) provides capital funding to rehabilitate building envelope failures that occurred during a specific era of construction. BC housing, in concert with the Ministry, coordinates this program across the public sector. (Note: Building envelope repairs that are outside the eligibility of the BEP and are funded through either AFG or SEP capital programs).

The VSB has one facility (Churchill Secondary) that is eligible for this program. The most recent building condition report is out of date (from 2008), and so scope and cost are not accurately known. The capital plan response letter for 2022/23 directed the District to wait for BC Housing to contact staff to determine next steps in project development.

Note that Churchill Secondary is also included within the seismic mitigation program, however the areas that will be impacted by seismic (older building areas) are not the ones affected by the building envelope program (1990’s era expansion). Securing the funding now for the building envelope rehabilitation, is desirable regardless for the timing of a seismic upgrade.

Figure 23 - Building Envelope Program (BEP)

School Name	Type of Work	\$
Churchill Secondary	Building envelope remediation	To Be Determined from BC Housing updated report

NEXT STEPS:

The Ministry of Education will inform school districts of supported project(s) through the Capital Plan Response Letter in March or April of 2023.

RECOMMENDATION(S):

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 **major capital program** Five-Year Capital Plan, as provided on the attached Five-Year Capital Plan Summary 2023-2024.*

And 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 **minor capital program** Five-Year Capital Plan, as provided on the attached Five-Year Capital Plan Summary 2023-2024.*

ATTACHMENTS:

- APPENDIX A – Capital Plan 2023/2024 – Major Capital Projects – DRAFT SUMMARY
- APPENDIX B – Capital Plan 2023/2024 – Minor Capital Projects – DRAFT SUMMARY

Capital Plan 2023/2024 - Major Capital Projects - Appendix A

Capital Plan 2023/2024 for Seismic Mitigation Program (SMP)				
Draft Priority	Facility Name	Project Code	Estimated Project Cost <small>(MyCAPS Prelim. Budget incl. NLC & generic supplemental costs)</small>	Capital Plan Year
1	Sir Wilfred Grenfell Elementary	SMP	\$ 23,500,000	Supported "PDR phase"
2	David Thompson Secondary	SMP	\$ 112,000,000	Year 1 (2023/2024)
3	Killarney Secondary	SMP	\$ 147,000,000	
4	Sir Alexander Mackenzie Elementary	SMP	\$ 41,320,173	
5	Renfrew Community Elementary	SMP	\$ 42,201,755	
6	False Creek Elementary	SMP	\$ 48,500,000	
7	Sir Winston Churchill Secondary	SMP	\$ 145,189,188	
8	John Oliver Secondary	SMP	\$ 134,490,808	
9	Waverley Elementary	SMP	\$ 36,850,087	
10	Florence Nightingale Elementary	SMP	\$ 31,540,374	
11	Emily Carr Elementary	SMP	\$ 29,193,518	
12	King George Secondary	SMP	\$ 55,295,382	Year 3 (2025/2026)
13	Sir John Franklin Community Elementary	SMP	\$ 28,369,723	
14	Sir William Osler Elementary	SMP	\$ 29,818,518	
15	Mount Pleasant Elementary	SMP	\$ 29,193,518	
16	Windermere Community Secondary	SMP	\$ 123,128,893	Year 4 (2026/2027)
17	Champlain Heights Community Elementary	SMP	\$ 36,336,354	
18	Lord Beaconsfield Elementary	SMP	\$ 29,193,518	
19	Dr. H N MacCorkindale Elem.	SMP	\$ 36,336,354	
20	Templeton Secondary	SMP	\$ 118,032,149	Year 5 (2027/2028)
21	Grandview Elementary	SMP	\$ 24,986,989	
22	Southlands Elementary	SMP	\$ 30,679,133	
23	Admiral Seymour Elementary	SMP	\$ 32,924,800	
SMP Total:			\$ 1,366,081,234	

Capital Plan 2023-24 for School Expansion Program (EXP): New, Additions, Site Acquisition				
Draft Priority	Facility Name	Project Code	Estimated Project Cost	Capital Plan Year
1	NEW ELEMENTARY SCHOOL AT SE FALSE CREEK (OLYMPIC VILLAGE) (60K/450E)	NEW	\$ 61,200,000	Year 1 (2023/2024)
2	FALSE CREEK ELEMENTARY (40K/250E) TO (60K/350E)	ADD	\$ 11,300,000	
3	EMILY CARR ELEMENTARY (40K/250E) TO (60K/450E)	ADD	\$ 12,900,000	Year 2 (2024/2025)
4	KING GEORGE SECONDARY (375S TO 1000S)	ADD	\$ 52,033,876	Year 3 (2025/2026)
--	--	--	\$ -	Year 4 (2026/2027)
5	HENRY HUDSON ELEMENTARY (40K/300E) TO (60K/450E)	ADD	\$ 11,300,000	Year 5 (2027/2028)
6	NEW ELEMENTARY SCHOOL AT UBC SOUTH CAMPUS (60K/350E)	NEW	\$ 33,329,814	
7	NEW ELEMENTARY SCHOOL AT ROBERTS ANNEX (60K/450E) *projected cost to 2028	NEW	\$ 73,162,915	
EXP Total:			\$ 255,226,605	

These are estimates only and are subjected to adjustment based on final project scoping

Capital Plan 2023/2024 Minor Capital Project Submission DRAFT SUMMARY June 15, 2022

CP2023/24 School Enhancement Program (SEP)				
Draft Priority	Facility Name	Project Type	Project Description	Estimated Cost
1	Prince of Wales Secondary	Electrical / Life Safety	Prince of Wales Fire Alarm Upgrade	\$300,000
2	Point Grey Secondary	Electrical	Point Grey PA Upgrade	\$300,000
3	Cook Elementary	Exterior Wall Systems	Cook Elementary Roller Shutters	\$150,000
4	Van Tech Secondary	Roofing	Van Tech Shop Wing Skylights Removal and Building Roofing	\$600,000
5	Van Tech Secondary	Exterior Wall Systems	Van Tech Building Envelope Upgrade	\$450,000
SEP Total:				\$1,800,000

CP2023/24 Carbon Neutral Capital Program (CNCP)				
Draft Priority	Facility Name	Project Type	Project Description	Estimated Cost
1	Magee Secondary	Carbon Reduction	New heating plant	\$667,880
2	Wolfe Elementary (frame building)	Carbon Reduction	New heating plant	\$330,000
3	University Hill Elementary	Carbon Reduction	New heating plant	\$442,000
4	Cavell Elementary	Carbon Reduction	New heating plant	\$529,000
5	Killarney Secondary	Carbon Reduction	Controls Upgrades	\$25,000
CNCP Total:				\$1,993,880

CP2023/24 Playground Equipment Program (PEP)				
Draft Priority	Facility Name	Project Type	Project Description	Estimated Cost
1	Cunningham Elementary	Playground	New accessible playground equipment (incl rubber surfacing) for students with accessibility challenges	\$165,000
2	Cook Elementary	Playground	New accessible playground equipment (incl rubber surfacing) for students with accessibility challenges	\$165,000
3	Trudeau Elementary	Playground	New accessible playground equipment (incl rubber surfacing) for students with accessibility challenges	\$165,000
PEP Total:				\$495,000

CP2023/24 Building Envelope Program (BEP)				
Draft Priority	Facility Name	Project Type	Project Description	Estimated Cost
1	Churchill Secondary	Building Envelope	Building envelope upgrade.	TBD
BEP Total:				TBD

ITEM 2.1

June 15, 2022

TO: Facilities and Planning Committee Meeting

FROM: Ron Macdonald, Director of Facilities
Rosie Poetschke, Director of Instruction Learning Services
Will Chan, Project Coordinator

RE: Accessibility Update

Reference to Education Plan:

Goal 2: The Vancouver School Board will increase equity by ...

- *Improving stewardship of the district's resources by focusing on effectiveness, efficiency, and sustainability.*

INTRODUCTION:

The Facilities Planning Committee on [September 23, 2020](#) received a report that indicated:

The District does not have strong guidance in its Administrative Procedures Manual that addresses accessibility guidelines and how to approach accessibility improvement plans. There is a small section of AP 540 that was originally adopted in 1979 and most recently undated in 2003 that addresses accessibility.

The committee subsequently recommended (and was later approved by the Board ([September 28, 2020](#))) that:

That the Board adopt and implement written standards regarding accessibility of existing and future infrastructure that lie within the authority of the District.

Since that time, several activities have occurred which include developing internal processes, inventory work, implementation activities, capital spending, and updating facilities standards. This report provides an update on these activities.

BACKGROUND:

Accessible British Columbia Act (2021)

In June 2021, the [Accessible British Columbia Act](#) became law. It provides a framework to identify, remove, and prevent barriers to accessibility. On April 14, 2022, the provincial government updated the [Accessible British Columbia Regulation](#), which prescribes which types of organizations will be subject to accessibility requirements under the Act. Affected organizations include school districts, schools and other educational institutions, municipalities and municipal departments, and health authorities, among other public-sector organizations.

Effective September 1, 2022, over 750 public sector organizations will be required to establish an accessibility committee, an accessibility plan and to build tools to receive feedback on their accessibility status. Accessibility requirements will be implemented in a phased approach over a number of years.

A Provincial accessibility committee working with Government will develop accessibility standards in a phased approach. The full *Accessible British Columbia Act (2021)* implementation timeline can be found [here](#).

VSB ACTIVITIES 2020-2022

In response to the growing understanding of the accessibility needs of students, recent experiences, and the evolving legislative environment, the VSB is in the process of several activities to better enable the District to support students with accessibility needs.

These initiatives include:

Inventory and Needs Evaluation:

- **Accessibility Inventory and Audit:** The Learning Services team contracted a consultant team of former educators to conduct an inventory/audit of our schools for existing accessibility features. The data for this is currently in raw form based on site. It represents a snapshot of our schools at the midpoint of the 2021/2022 school year. This is currently being processed further by VSB staff as a database of the accessibility status of each of our schools.
- **External Door Inventory:** The electrical department (responsible for installation and maintenance of door openers) is compiling an inventory of external doors, and their opener capability status by site.

Internal Processes:

- **Enterprise Risk Management:** Accessibility has been identified as a risk area within the twenty risk areas identified for the Enterprise Risk Management (ERM) initiative within the Secretary-Treasurers office. Work has begun to identify the risk factors, mitigation measures that exist and others that need to be developed.
- **Facilities / Learning Services Working Group:** An internal working group has been formed that meets monthly to identify and seek solutions to immediate and emerging accessibility needs.

Practices and Standards:

- Gardens and Outdoor Learning Areas Guides: The grounds and sustainability team have developed “how-to” guidebooks for the development of educational gardens ([School Garden Guide](#)) and outdoor learning areas ([Outdoor Learning Areas Guide](#)). These include specific requirements for surfacing and elevations to support accessibility.
- PAC Playground Guidance (in development): PAC groups frequently fundraise for playground equipment. Like the garden and outdoor learning area guides, the grounds and sustainability teams are developing material for school and PAC use in planning their fundraising activities. Accessibility is featured as a component of this.
- Pathways and Walkways: The grounds department has established an internal practice of wider widths for on-site pathways when they are rebuilt to accommodate a broader range of student needs.

Capital Funding and Planning:

- AFG and SEP Funding: The District’s only source of capital funding for accessibility upgrades at existing schools is from the Annual Facility Grant (AFG) – provided annually to School Districts, and the School Enhancement Program (SEP) – which is a competition-based Provincial capital program. Resources within the AFG budget are limited.
- Recent Project Activities: Recent project activities have included deploying automated door openers for accessible washrooms (not currently required by code but identified as a need for some students), and re-positioning of sinks to accommodate unique care equipment.
- Retrofit Opportunities: The grounds team is collaborating with suppliers to identify retrofit opportunities for playground equipment whereby select pieces could be deployed within existing infrastructure. This would allow for improved accessibility within existing play areas.

Outdoor areas:

- Playground cuts: Installation of playground ‘cuts’ (small ramps cut into the curb barrier of wood-fiber play-structure areas). These are being installed at all sites through operational budgets. To date 141 of 222 cuts have been implemented in the last 18 months.
- Accessible Play equipment: Continued installation of accessible playground surfacing and equipment through the Provincial Playground Equipment Program (PEP). The District has received two grants of \$165,000 in each of the past 2 years. Indications from the Province are that the current level of funding will be at least maintained. The District has included three requests in the 2023-2024 Five-Year Capital Plan submission. The District has a list of sites for future applications to the PEP program.

- Alternative Surfacing Material: The District is pilot testing an alternative playground surfacing at one site. This uses an ‘Astro-turf’ type product rather than a rubberized surface. It may be advantageous for durability or for certain sensory-sensitive students.
- Ramp installations: Exterior accessibility ramps are being built at two sites (VanTech and Renfrew) to accommodate currently enrolled students.
- Lift Equipment Replacement: Much of the staircase lift equipment is aging and requires either servicing or replacement. (e.g., The lift system at Roberts was replaced over winter break 2021.)
- New lift installation: Where identified, new lifts are being deployed. (e.g., At Templeton Secondary, architectural, and structural engineering is underway to evaluate the future installation of a lift system.)
- Pilot Testing of Touchless Door Openers: A technology of touchless door opener controls has recently come to market. These have been deployed at several sites and at the Education Center. These are being evaluated for durability and workability.

CONSTRAINTS

Several issues affect the District’s ability to provide fully accessible facilities. These include:

- Unique Accessibility Needs: There are a wide variety of accessibility needs and these frequently require evaluation on an individual basis. Some of these require accommodation that may be highly individual.
- Code Requirement Suitability: Recent new schools constructed through the seismic mitigation program have been built to current Vancouver Building By-Law (VBBL) standards. While these facilities comply with the VBBL, they may not support the requirements of current, or future students and staff – resulting from the unique needs referred to above.
- Response Time: A key milestone for the identification of new students with accessibility needs is the registration for kindergarten – in January of each year for attendance the following September. This creates a period of approximately six months to provide suitable infrastructure. In some cases, kindergarten environments may be adequate, and so preparation needs to be directed to support the student by grade one.
- Short Notice School Registrants: For a number of reasons, students arrive in the District on short notice. Accommodating these students is challenging in the timeframe permitted by an immediate registration.
- Major Upgrade Investments: For existing facilities, major renovations (e.g., installation of an elevator) require substantial amounts of capital to be allocated for one project. Also, the age and structure of some buildings do not easily lend themselves to readily permit accessibility upgrades.

The most promising opportunity for these upgrades is through the major capital programs of the Ministry – either the seismic mitigation program, (SMP) or the expansion program (EXP). The funding sources are unpredictable in their timing and magnitude.

MOVING FORWARD (2022-2023)

The activities and initiatives conducted to date provide a foundation for the development of VSB standards, to be incorporated into the VSB construction standards. This may also identify updates to [AP540](#) to address these issues.

Specific proposed activities for 2022/2023 include:

- Completion of the playground cut-out program, and installation of two more PEP-funded playgrounds and application for three playgrounds in the current PEP capital plan request cycle.
- Consolidation and further interpretation of the raw data from the accessibility inventory and ground truthing its utility as new students arrive to the District.
- Continued progress on the Enterprise Risk Management process to address this risk area.
- Further evolution of the internal accessibility team processes.
- Establish an accessibility committee, an accessibility plan and to build tools to receive feedback on their accessibility.
- Compliance with the Act and evolving regulations as these are phased in.
- Continued development of specific VSB accessibility requirements and/or standards.
- Updating (if required) AP 540 Facility Planning – this may be a last step following full roll out of the Provincial regulations.

RECOMMENDATION(S):

This report presents a summary of recent activity undertaken by the District to address accessibility and is provided for information.

June 15, 2022

REVISED ITEM 2.2

TO: Facilities Planning Committee

FROM: David Green – Secretary Treasurer
John Dawson - Director of Educational Planning

RE: 2020 Long Range Facilities Plan Update

Reference to Education Plan:

Goal 2: The Vancouver School Board will increase equity by ...

- *Improving stewardship of the district's resources by focusing on effectiveness, efficiency, and sustainability.*

INTRODUCTION:

The [Long Range Facilities Plan \(LRFP\)](#) is a strategic planning framework and source of information that fulfills two Ministry of Education requirements:

- Providing a mechanism to demonstrate to the Ministry that the District is using its facilities effectively and efficiently to support educational goals
- Providing a rationale for the District's requests for capital investment from Government

The LRFP is also a strategic framework and source of information for key local decisions with respect to educational programming, enrolment management, and operational goals for facilities. The LRFP is designed to communicate the Board of Education's vision, relevant and up to date information, and ongoing planning processes that advance the strategic goals of the District. As such, the LRFP has three components:

- Vision, Regulatory Requirements, Guiding Principles and Planning assumptions
- Base Case and Future Scenarios -Snapshot of District demographics, enrolment, facilities, progress of the seismic mitigation program, and educational programming information and potential future scenarios
- Local Planning Studies and Reports to inform Board decisions required by Board Policy – school closures, addition of new schools, declarations of surplus land or improvements, disposition of land or improvements, catchment boundary changes, implementation and cessation of District programs, and grade re-alignment

The purpose of this report is to update the Facilities Planning Committee with respect to the following:

- Work undertaken to update the LRFP Base Case and Future Scenarios
- Published Educational Planning Reports
- Capital Program Update

- Status of the Capital Program in relation to providing safe capacity to accommodate enrolment
- Work underway to advance Board planning priorities

This report is provided for information.

BACKGROUND

The Ministry of Education sets out [Long-Range Facilities Plan Guidelines](#) which contain the following direction for boards of education:

Each board of education is expected to have a Long-Range Facilities Plan (LRFP) in place for its school district that lays out various management strategies regarding its inventory of capital assets - primarily to support changes in student enrolment and educational programming goals. Although a current LRFP is not required to be included as part of a Five-Year Capital Plan submission, the Ministry may request a school district to reference relevant sections of the LRFP to help inform its capital plan review process.

The Board approved the following recommendation on January 25, 2021:

It is recommended that the Vancouver Board of Education approve the 2020 Long Range Facilities Plan.

CONTEXT

The Ministry states in the LRFP Guidelines: *As a comprehensive planning tool, a LRFP is expected to cover a 10-year timeframe, at a minimum, and outline how a board of education intends to manage an inventory of existing facilities and planned new facilities during that time. An LRFP should be realistic in terms of expectations for the Ministry's allocation of capital funding for the replacement of existing schools and the creation of new space through the construction of new schools and additions to existing schools.*

It is important to note this context as it relates to the District's existing LRFP. The current plan is primarily focused on ensuring there are enough seismically safe seats for all District students. With no ability to raise funds for capital projects through local taxation and with limited local capital funding available on account, the District must rely on Ministry funding through the Provincial Seismic Mitigation Program to provide those necessary safe seats. With respect to new school requests, such as Olympic Village, and expansion requests, such as, False Creek and Emily Carr, the District finds itself in the same position of having to rely on Ministry funding through the School Expansion Program. Together, these two programs address the District's funding needs in the annual development of a Five-Year Capital Plan.

Because of the significant reliance on Ministry funding to advance seismic and new space projects, a key component of the LRFP is the Capital Asset Management Plan (CAMP). The main objective of the CAMP is to leverage District land values to generate capital revenue through long term leases or sales to turn seismic upgrade projects into replacement schools and to position the District to be able to contribute to new space projects, as expected by the Ministry.

Capital revenue will be needed in the future to support the Board's contribution to a proposed school in Olympic Village and potential future schools at UBC, the River District and the Jericho lands. Future planning studies will guide the development of these potential future schools as the City of Vancouver Plan is implemented over the next decades.

LRFP UPDATE PROCESS

This section sets out the rationale, process, and timeline for updating the Base Case and Future Scenarios component of the LRFP.

The purpose of periodically updating the Base Case and Future Scenarios is to ensure that Long Range Facilities Planning is a transparent and accountable process. In addition to fulfilling Ministry requirements, the Base Case and Future Scenarios component of the LRFP is an accessible source of information that serves as a resource to inform planning processes and decision-making. The Updated LRFP Base Case and Future Scenarios is further supported by appendices, reports, local planning studies, information updates, and [Open Data](#) available from the [Educational Planning and Facilities](#) website.

Scope of Update Work

- Continue to maintain and develop the Educational Planning and Facilities website
- Update enrolment and facilities data using 2021 enrolment data and forecasts
- Update text to reflect progress in implementation of the LRFP
- Update program information to reflect program changes
- Add the Long-Term Investment Plan (LTIP) as an appendix
- Update appendices
- Report to FPC and Board as appropriate

It is anticipated that the Long-Range Facilities Plan document on the District website will be updated in the coming weeks to reflect this work.

LRFP IMPLEMENTATION – LOCAL PLANNING STUDIES

The reports identified in Figure 1 below represent the ongoing operational work to implement the Long-Range Facilities Plan since January 2021. These reports identifying completed work or work in progress towards advancing the goals and objectives of the LRFP have been presented to the Facilities Planning Committee, the Finance Committee, or at a Public Board Meeting.

Figure 1 – LRFP Implementation

Meeting Date		Report Title
Mar 10, 2021	FPC	Data Sharing Memorandum of Understanding (Item 2.1)
		Preferred School Size Working Group (PSSWG) Final Report and Recommended Guidelines (Item 4.2)
		Kindergarten Enrolment-Full Schools Overview (Item 2.3)
		South Portion of Sir Sandford Fleming School Site – Consultation prior to the potential surplus Declaration
May 5, 2021	FPC	South Portion of Sir Sandford Fleming School Site – Surplus Declaration Consultation
June 14, 2021	FPC	Draft 2022/2023 Five Year Capital Plan Submission
October 6, 2021	FPC	LTIP Staff Report and Final Report (Item 4.5)
November 17, 2021	Finance	2021 Enrolment Update (Item 1.3)
January 17, 2022	Board	Consideration of Closure of Queen Elizabeth Annex

January 19, 2022	FPC	Referral Motion: Consideration of Closure of Queen Elizabeth Annex (Item 3.1)
March 9, 2022	FPC	Enrolment Update Item 1.2

LRFP IMPLEMENTATION – CAPITAL PROGRAM OVERVIEW

Capital Program Update - Seismic Mitigation Program and School Expansion Program

The Seismic Mitigation Program (SMP) has continued to progress towards the goal of creating seismically safe facilities in which District students and staff learn and work. Since January 2021, construction at four schools has been completed. The four recently completed projects were seismic upgrades to existing facilities – Chief Maquinna Elementary, General Wolfe Elementary, Lord Selkirk Elementary and Lord Byng Secondary. Five other projects that were in the construction stage in January 2021 are nearing completion and three projects that were in the design stage in 2021 are now under construction.

Figure 2 – Capital Program Project Status Summary

School Name	Capital Program	Project Status January 2021	Current Project Status
Byng	SMP	Construction	Completed
Maquinna	SMP	Construction	Completed
Selkirk	SMP	Construction	Completed
Wolfe	SMP	Construction	Completed
Bayview	SMP	Construction	Construction
Begbie	SMP	Construction	Construction
Cavell	SMP	Construction	Construction
Lloyd George	SMP	Construction	Construction
Weir	SMP	Construction	Construction
Livingstone	SMP	Design	Construction
Hamber	SMP	Design	Construction
Coal Harbour	EXP	Design	Construction
Hudson	SMP	Design	Design

2021-2022 Capital Plan Response Letter and Long-Term Investment Plan

In the Ministry’s Capital Plan Response Letter to the District’s 2021-2022 Five-Year Capital Plan submission received in May 2021, Ministry staff formally requested to work alongside the District to develop a [Long-Term Investment Plan](#) that ‘incorporates information from the recently approved Long Range Facilities Plan information, seismic priorities, partnerships, public use of facilities and enrolment changes in communities, including Olympic Village’. The LTIP was provided for information to the Facilities Planning Committee on October 6, 2021 and was forwarded to the Ministry of Education for review.

2022-23 Capital Plan Response Letter

The District received the Ministry Response to the Annual Five-Year Capital Plan Submission for 2022/23 in March. The information in the response letter is summarized below:

- The Ministry has reviewed the Vancouver Board of Education’s recently approved Long-Term Investment Plan, which builds on the Long-Range Facilities Plan to prioritize future capital investments across the District with consideration to partnership opportunities, public use of facilities and enrolment changes.
- The seismic upgrade of Sir Wilfred Grenfell Elementary remains supported in the feasibility stage of developing the business case for government investment.
- The David Thompson, Killarney, and False Creek projects have all been deferred – at this time, these projects are not supported priorities in the Ministry Capital Program. The District has been advised to consider re-submitting these projects alongside other capital priorities in the 2023-2024 Five Year Capital Plan Submission.
- The District is encouraged to secure final agreement on a ground lease for a site for a future Olympic Village Elementary School from the City of Vancouver, to enable this capital priority of shared interest to advance to the next stage.
- The Ministry will advance \$1.665 million for various minor capital projects, including approval of a heat pump for the Weir project and new universally accessible playgrounds at Champlain Heights and MacCorkindale.

Safe Capacity and Current Status of Seismic Mitigation Program (SMP)

The mandate of the SMP is to provide sufficient seismically safe capacity to accommodate district enrolment as quickly and as cost effectively as possible.

Under the mandate of the SMP, schools that are at Low or Medium seismic risk as well as projects funded by the Ministry through the SMP are considered to provide safe school capacity. The charts below summarize the District status with respect to safe and high-risk facilities where regular K-12 programming is delivered.

Figure 3 – Overview of Number of Safe and High-Risk Schools

School Type	Safe	In Progress	High Risk	Total
Annex	7	0	5	12
*Elementary	40	7	30	77
Secondary	6	1	11	18
Totals	53	8	46	107

*Does not include Coal Harbour

Seven annexes, forty elementary schools and six secondary schools are seismically safe. There are eight additional SMP projects in the construction or design phase that will increase the total number of safe schools to sixty-one. When the current projects in construction or design are completed, five annexes, thirty elementary schools and eleven secondary schools will remain at high risk in a seismic event

The new school at Coal Harbour, is also in the construction phase. When it opens, Roberts Annex, which has medium seismic risk will be closed, so the total number of seismically safe schools in the District will remain unchanged. The new school at Coal Harbour will provide additional seismically safe capacity.

Capacity and Enrolment Overview

Figure 4 – Operating Capacity and Enrolment Overview – Percentage

School Type	% Safe Operating Capacity	% 2021 **Enrolment *Safe Schools	% High Risk Operating Capacity	% 2021 **Enrolment High Risk Schools
Annex	57%	61%	43%	39%
Elementary	64%	71%	36%	29%
Secondary	39%	43%	61%	57%
Totals	53%	59%	47%	41%

*Includes schools in construction and design **BC Resident Enrolment – does not include international students

At the completion of the projects that are in the design and construction phase, 53% of District operating capacity will be seismically safe with an estimated 59% of K-12 students attending a seismically safe school. An estimated 71% of all K-7 students will attend seismically safe schools whereas 43% of secondary students will attend a seismically safe school.

Figure 5 – Operating Capacity, Enrolment and Capacity Utilization Overview

Capacity and Enrolment	K-7	Secondary	Total K-12
*Safe Operating Capacity	20,940	9,800	30,740
High Risk Operating Capacity	11,870	15,500	27,370
Total Operating Capacity	32,810	25,300	58,110
2021 **Enrolment *Safe Schools	19,567	8,281	27,848
2021 **Enrolment High Risk Schools	8,290	10,892	19,182
Total Enrolment	27,857	19,173	47,030
*Safe Capacity Utilization	93%	85%	90%
High Risk Capacity Utilization	70%	70%	70%

*Includes schools in construction and design. **BC Resident Enrolment - does not include international students

Seismically safe schools have higher overall rate of capacity utilization at 90% than high risk schools with an overall capacity utilization of 70%.

Forecast Safe Capacity and Enrolment at Elementary Schools

Figure 6 shows a forecast of the safe K-7 operating capacity in elementary schools that will be available when all the projects prioritized in the 2022-23 Five Year Capital Plan are completed. The 'Safe Operating Capacity' category line includes the eight elementary schools currently in construction or design, including Coal Harbour, as well as all completed projects and schools with medium or low risk. The 'Supported' category line is for Grenfell, which is the feasibility phase of the capital planning process. The 'Prioritized' category lines include all the funding requests for elementary schools prioritized in the 2022-23 Five-Year Capital Plan.

Figure 6 – Summary of Elementary Capital Program

Category	K-7 Operating Capacity
*Safe Operating Capacity	21,116
Supported (SMP)	488
Prioritized (SMP)	5,424
Prioritized (EXP)	1,290
Total	28,318

*Includes projects in construction and design phase. Operating capacity of Roberts Annex has been subtracted from Coal Harbour. Does not include new school at Roberts Annex

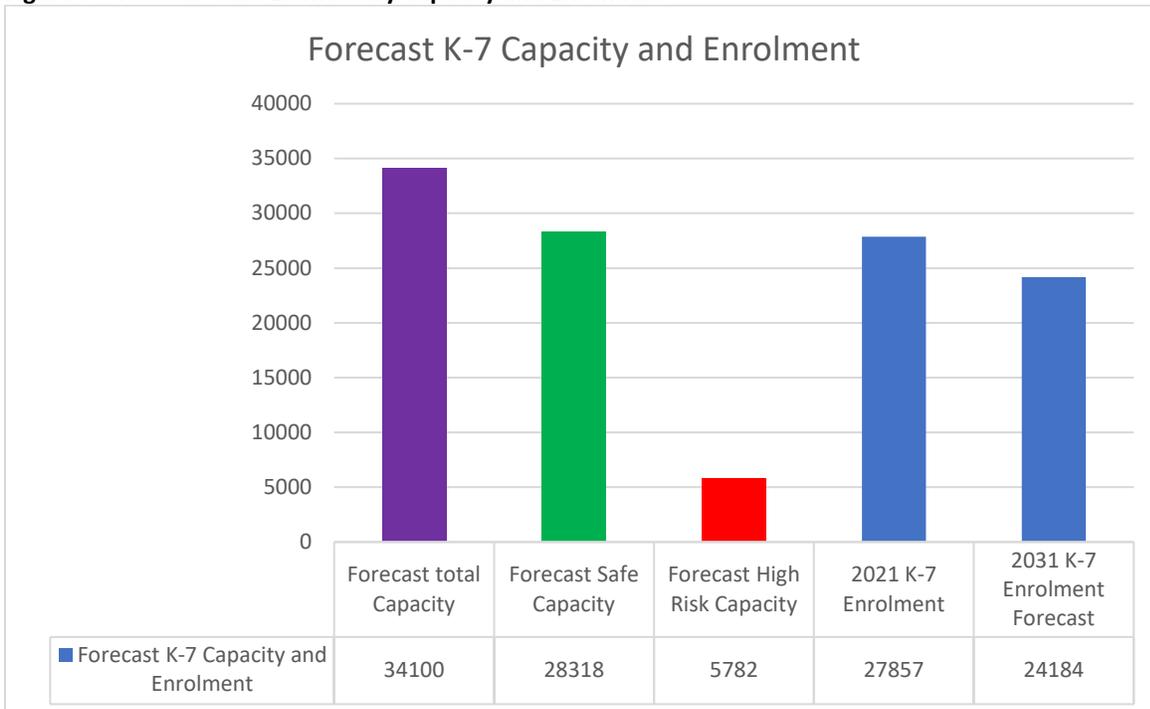
Figure 7 - K-7 Operating Capacity Summary

Category of K-7 Operating Capacity	
Forecast Safe Capacity (Figure 6)	28,318
Total Current K-7 Capacity (Figure 5)	32,810
Total Forecast K-7 Capacity Including EXP Requests	34,100
Forecast High Risk (K-7) Capacity	5,782

The difference between the total forecast K-7 operating capacity and the forecast safe K-7 operating capacity is the forecast high risk K-7 capacity that may remain at the completion of all projects that are prioritized in the 2022-23 Five Year Capital Plan.

Figure 8 below compares the forecast safe capacity in the District based on the projects prioritized in the 2022-23 Five Year Capital plan with current and forecast enrolment.

Figure 8 – Forecast Safe Elementary Capacity and Enrolment



Once the projects that are currently in the construction or design stage and those included as requests in the 2022-23 Five Year Capital Plan are approved and completed, there will be sufficient safe operating capacity to accommodate forecast elementary enrolment, based on the 2031 K-7 enrolment forecast with an additional approximately 4,000 seats of surplus safe capacity available. Close to 5,800 seats of high-risk K-7 operating capacity will remain. This analysis is not meant to suggest that all these projects will be completed by 2031. It is intended to illustrate that once all the current projects (as defined above) are completed there will be sufficient capacity in the District to accommodate the 2031 forecast enrolment, with a surplus of seats available. Whether that capacity is sufficient when all these projects are completed will depend on what the enrolment will be at that time, which is outside the 10-year planning horizon in the Long-Range Facilities Plan. In addition, whether the high-risk seats that remain will ever be seismically upgraded will depend on future planning studies and may have to be funded by the Board.

Forecast Safe Capacity and Enrolment at Secondary Schools

Figure 9 shows a forecast of the safe operating capacity in secondary schools that will be available when all the projects prioritized in the 2022-23 Five Year Capital Plan are completed. The ‘Safe Operating Capacity’ category line includes the secondary school (Hamber) currently in construction in the SMP, as well as all completed projects and schools with medium or low risk. The ‘Prioritized’ category lines include all the funding requests for secondary schools prioritized in the 2022-23 Five-Year Capital Plan.

Figure 9 – Summary of Secondary Capital Program

Category	Secondary Operating Capacity
*Safe Operating Capacity	9,800
Prioritized (SMP)	9,425
Prioritized (EXP)	625
Total	19,850

*Includes projects in construction (Hamber)

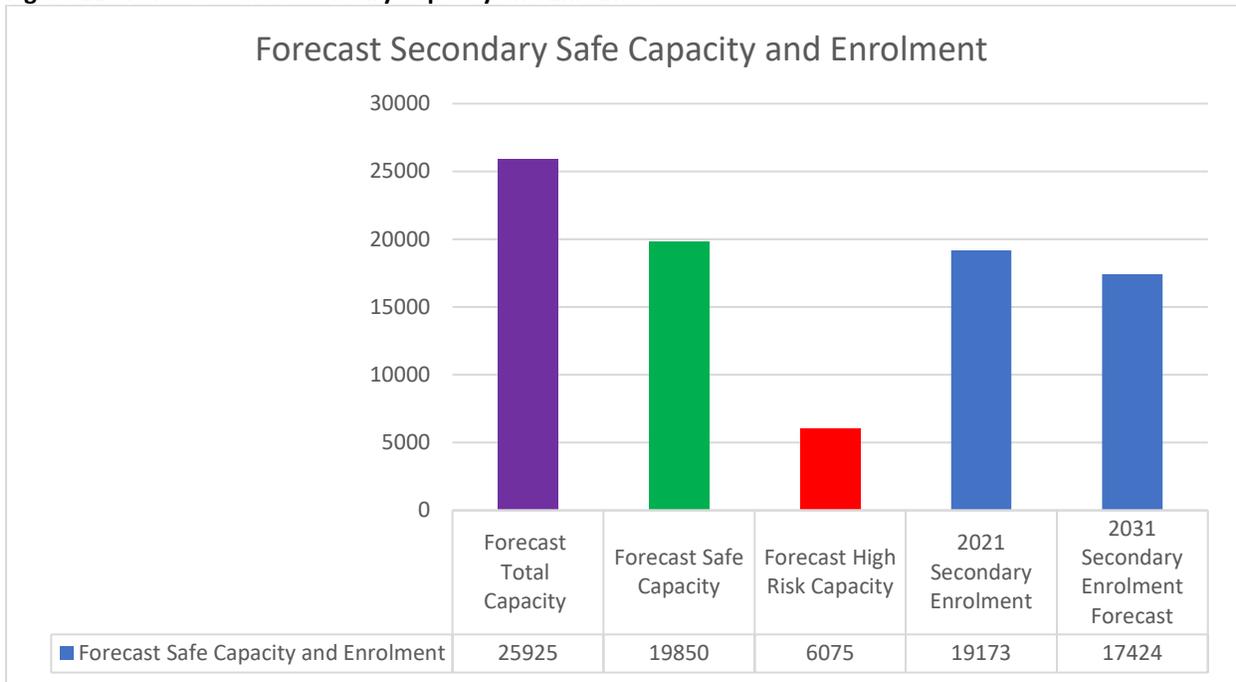
Figure 10 - Secondary Operating Capacity Summary

Category of Secondary Operating Capacity	
Forecast Safe Secondary Capacity (Figure 9)	19,850
Total Secondary Capacity (Figure 5)	25,300
Total Forecast Secondary Capacity including EXP request	25,925
Forecast High Risk Secondary Capacity	6,075

The difference of 6075 seats between the total secondary operating capacity of 25,925 seats and the forecast safe secondary operating capacity of 19,850 seats is the forecast high risk secondary capacity that would remain if all projects that are prioritized in the 2022-23 Five Year Capital Plan were completed.

Figure 11 below compares the forecast safe capacity in the District based on the projects prioritized in the 2022-23 Five Year Capital plan with current and forecast enrolment.

Figure 11– Forecast Safe Secondary Capacity and Enrolment



Once the Hamber school is constructed and those included as requests in the 2022-23 Five Year Capital Plan are approved and completed, there will be sufficient safe operating capacity to accommodate forecast secondary enrolment, based on the 2031 8-12 enrolment forecast with an additional approximately 2,400 seats of surplus safe capacity available. Close to 6,100 seats of high-risk 8-12 operating capacity will remain. This analysis is not meant to suggest that all these projects will be completed by 2031. It is intended to illustrate that once all the current projects (as defined above) are completed there will be sufficient capacity in the District to accommodate the 2031 forecast enrolment, with a surplus of seats available. Whether that capacity is sufficient when all these projects are completed will depend on what the enrolment will be at that time, which is outside the 10-year planning horizon in the Long-Range Facilities Plan. In addition, whether the high-risk seats that remain will ever be seismically upgraded will depend on future planning studies and may have to be funded by the District.

LRFP IMPLEMENTATION – OTHER LONG-TERM PRIORITIES

Olympic Village

- Continue to work with the City of Vancouver (CoV) towards finalizing a nominal rate ground lease at Hinge Creek Park for approval in council to secure a site for the new school at Olympic Village.
- Continue to collaborate with CoV staff to secure council approval for funding for a rooftop 0-5 childcare facility for the new school at Olympic Village.
- Conduct a local planning study to determine catchment and enrolment options for Olympic Village residents once a project funding agreement has been finalized.

Coal Harbour

- The mixed-use building will consist of an elementary school (40K/300E), 60 affordable homes and a childcare center for 65 children (ages 0-5). The City of Vancouver is the project manager for the project.
- Retain current catchment boundaries for Roberts Annex. The Roberts catchment will have two schools, Roberts, and Coal Harbour. Catchment adjustments to be implemented after a new school on the Roberts Annex site is complete.
- Develop enrolment options for the Downtown Families of Schools in alignment with scheduled occupancy of the new school at Coal Harbour in 2024.
- Engagement with the School Advisory Group.
- Construction Manager role was tendered and awarded to Haebler Construction.
- Mobilization for construction started in February 2022.
- Building Permits have been issued.

Lord Roberts Annex Site (LRA)

- Engagement with the LRA School Advisory Group.
- Schematic design work for an elementary school for (60K/450E) with design team.
- Coordination work with BC Hydro on the construction of the underground substation and foundation for the school.
- Design team for school will work with design team for underground Substation to submit development permit applications to City at the same time, expected in early 2023.

Britannia Renewal Process

Continue to work in partnership with the City of Vancouver and other partners on the Britannia Renewal process to work towards a rezoning application.

- Site development options are being drafted (roughly January 2022 – November 2022). One option will be following the master plan document, a second option will have some variation from the master plan, and a third option will include the Britannia Secondary shop and science wing remaining in place.
- Public engagement sessions are being scheduled in-person for May 2022, focused on the proposed building 1, which is being planned to include aquatics (indoor pool), fitness spaces, a gymnasium, childcare, and non-market housing.
- Once site development options are complete and site partners are comfortable with the options, public engagement will occur on these options (fall/winter 2022).
- The viability of site development options in terms of available funding and requirements for site partners will need to involve further discussion.

W.E. Connect (King George Renewal Plan)

Continue to work in partnership with the City of Vancouver and other site partners on the W.E. Connect project as the process moves towards the master planning phase.

- Working on planning spaces and activities for community hub and preferred option by winter 2022.
- VSB has developed and communicated our educational programming goals to site partners:
 - School for 1000 with possibility for future expansion – comprehensive secondary program
 - Full size gym
 - Outdoor field activity space
 - Potential for revenue generation
 - Site safety and security
 - Shared programming spaces e.g., performing arts space
 - VSB owns 71% of site

Fleming Site Disposition

- The south portion of the Fleming site has been declared surplus to the needs of the school district.
- The Enhanced Referral Process –a required 90-day circulation period within government ministries is underway and scheduled to conclude in June.
- Ministerial approval to dispose of the surplus land is required once the Enhanced Referral Process concludes.

Collaboration with CoV Staff

- Continue regular meetings and communications with CoV staff to exchange information on major planning initiatives, including the Vancouver Plan, the Broadway Plan, and Jericho Lands. Conduct local planning studies using available planning information to assess the potential impact of future development on local student enrolment in the context of established demographic indicators.

Carleton Elementary School

- Carleton is not supported in the by the Ministry in the SMP. District staff have determined there is no viable business case to advance the school in the capital program. Allocating the necessary district resources to return Carleton to a condition that would be suitable to accommodate students is an ineffective use for district resources as the school would remain at high seismic risk while retaining significant deferred maintenance liability.
- As a result of the fire, the students in the Carleton school community enrolled at nearby VSB schools. The Carleton site was last used in the 2015-2016 school year. By June 2023, the end of next school year, there will be no students who attended school at the Carleton site remaining in the K-7 system as all kindergarten students enrolled in September 2015 will be entering grade 8 in September 2023.
- The seismic upgrade project at Wier is nearing completion. Weir has capacity to accommodate additional enrolment from the existing Carleton catchment. The District will plan to optimize the utilization of seismically safe capacity to accommodate student enrolment at Weir. Staff is bringing forward a proposed catchment adjustment plan for the Carleton catchment.

Space for Childcare

- Review current space use and identify future opportunities for appropriate space to support continued expansion of provision of childcare services in Vancouver at VSB sites.
- See [Long Term Investment Plan](#) pp 38-42 for further information on how the VSB is supporting childcare programs and future childcare opportunities and considerations.

Temporary Accommodation

- The Temporary Accommodation Plan has been updated to reflect future need of sites identified for Temporary Accommodation (swing sites) to support the Seismic Mitigation Program.
- The existing Eric Hamber Secondary school site will be available in 2024 to serve as temporary accommodation for secondary school seismic projects, such as David Thompson or Killarney.
- The existing building on the David Lloyd George site is not required for Temporary Accommodation – the District will be following the process to secure a demolition permit for the existing school.

SUMMARY:

The LRFP is a strategic framework and source of information that fulfills Ministry requirements and informs local planning decisions. The LRFP has three components:

- Vision, Regulatory Requirements, Guiding Principles and Planning assumptions
- Base Case and Future Scenarios
- Local Planning Studies and Reports

Other key points in this report:

- Data in the Base Case and Future Scenarios component of the LRFP are included within the scope of the 2021-22 LRFP update process
- About 50% of the District's operating capacity is seismically safe
- Long-range planning priorities have been identified and are being worked on
- The Long-Term Investment Plan (LTIP) is an appendix to the LRFP

CONCLUSION:

This report is for information.

ITEM 2.3

June 15, 2022

TO: Facilities Planning Committee

FROM: David Green – Secretary Treasurer
John Dawson - Director of Educational Planning

RE: Proposed Catchment Boundary Adjustments – Carleton Elementary Catchment

Reference to Education Plan:

Goal 2: The Vancouver School Board will increase equity by ...

- *Improving stewardship of the district's resources by focusing on effectiveness, efficiency, and sustainability.*

INTRODUCTION:

Carleton school was damaged by fire in August 2016. Since that time, the school site has not accommodated VSB students. There is no financially feasible pathway to re-open Carleton at a future date either as an enrolling school or as swing space for the elementary Seismic Mitigation Program. Staff is proposing that catchment boundaries for Cunningham, Weir, MacCorkindale, and Carleton elementary schools be adjusted as detailed in this report to prioritize convenience and choice for VSB families, optimize the use of seismically safe capacity at Weir Elementary, and respect established enrolment patterns. To align with the VSB enrolment timeline for the 2023-24 school year, a Board decision regarding the proposed catchment boundary adjustments is required by October 2022.

This report is for information.

BACKGROUND:

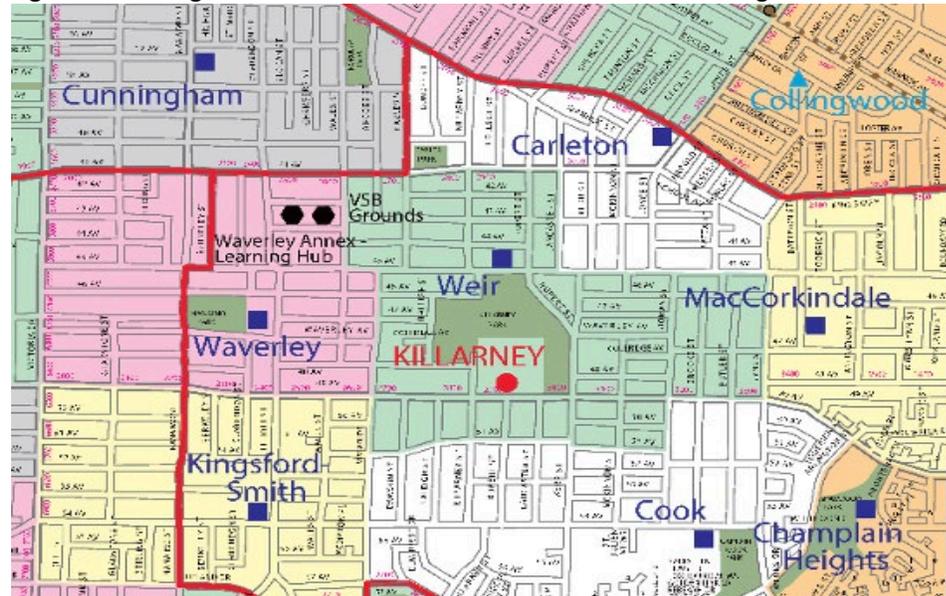
The Carleton fire occurred on Friday August 19, 2016. At the time of the fire, enrolment for September 2016 was 308 students. In response to the fire, the District offered Carleton families enrolment options that included the option to attend neighboring Cunningham school as Carleton at Cunningham school or attend other nearby schools. Although Cunningham school had sufficient capacity to accommodate all Carleton students, many families opted to enroll their children at other nearby schools, principally Weir and MacCorkindale.

During the construction phase of the Weir seismic mitigation project, Weir students have been temporarily accommodated at MacCorkindale and Champlain Heights. With the completion of the Weir project, there will be surplus capacity at both Weir and MacCorkindale that can be used to accommodate students from the Carleton catchment.

PROPOSED BOUNDARY ADJUSTMENT

Figure 1 illustrates a section of the VSB catchment boundary map that shows the relationship between Carleton and surrounding schools.

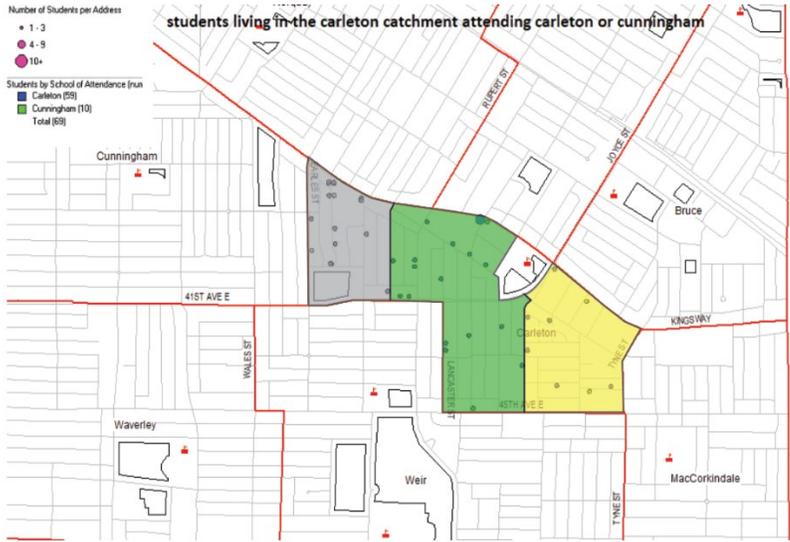
Figure 1 –Existing Catchment Boundaries – Carleton and Surrounding Schools



The proposed Carleton catchment adjustment is to divide the existing Carleton catchment into four pieces (Figure 2)

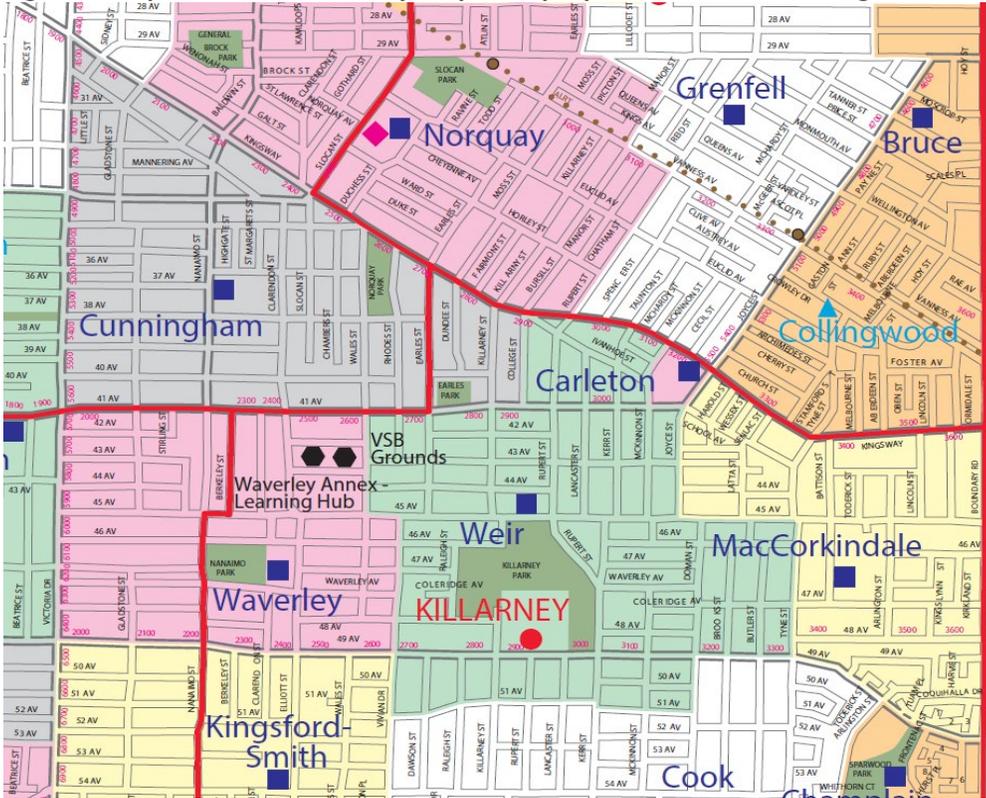
- The west section – shaded gray - of the existing catchment would become part of the Cunningham catchment
- The central section – shaded green - of the existing catchment would become part of the Weir catchment
- The eastern section – shaded yellow - of the existing catchment would become part of the MacCorkindale catchment
- The new Carleton catchment boundary would encircle the school – there are no residents within the proposed new Carleton school catchment boundary

Figure 2- Proposed Catchments for Carleton, Cunningham, Weir and MacCorkindale



If the proposed changes are approved, Figure 3 shows an updated VSB catchment boundary map with enlarged Cunningham, Weir, and MacCorkindale catchments and the remnant Carleton catchment.

Figure 3 – Updated VSB Boundary Map with proposed catchment changes.



RATIONALE FOR CATCHMENT ADJUSTMENT

As mentioned in the Introduction, the rationale for proposed catchment changes is to prioritize convenience and choice for VSB families, optimize the use of seismically safe capacity at Weir Elementary, and respect established enrolment patterns, as detailed below.

Prioritize Convenience and Choice for VSB Families

The proposed changes to the Carleton catchment will enable families to attend a nearby school. Once the final catchment boundaries are established, families will be able to apply to their nearby catchment school using the VSB Apply Now application process. Along with the catchment boundary adjustments there will be an enrolment plan enabling any student currently attending Cunningham to continue at the school, and which will 'grandfather' sibling priority for kindergarten applicants to Cunningham regardless of their new catchment school.

Optimize Use of Safe Capacity

The District should optimize use of seismically safe capacity to accommodate student enrolment. The seismic upgrade project at Wier is a 75% replacement and is nearing completion. When reopened, all the classrooms will be seismically safe. Weir has capacity to accommodate additional enrolment from the existing Carleton catchment. The proposed changes to the Carleton catchment will facilitate access to a seismically safe school for more VSB students in alignment with a strategic priority of the 2020 LRFP.

Respects Established Enrolment Patterns

In general families choose to attend the nearest elementary school with space. The proposed boundary adjustments align with existing enrollment patterns established since 2016. See Figures 10, 11 and 12.

POLICY AND ADMINISTRATIVE PROCEDURE REQUIREMENTS

The Additional Responsibilities section of [Board Policy 2 – Role of the Board](#) establishes that the Board shall approve catchment areas for schools and District programs.

[AP 305 School Catchment Boundaries](#) details the guiding principles and procedures for adjusting school catchment boundaries.

KINDERGARTEN APPLICANTS - ENROLMENT PRIORITIES AND TIMELINES

Enrolment for September 2023 opens on November 1, 2022, so, the optimal timing for a final determination of adjustments to the existing Carleton catchment would be by mid-October 2022.

For this report, **new catchment school** means the school within the proposed boundary changes drawn for the existing Carleton catchment.

Kindergarten Applicants

- Apply to their **new catchment school**

- **Kindergarten** applicants that reside in the current Carleton catchment that have an older sibling who will be concurrently attending Cunningham, will be given sibling priority at Cunningham as per the ‘grandparenting’ provisions set out in AP 305 School Catchment Boundaries

Current Carleton Students Attending Cunningham

- Continue to attend school at Cunningham Elementary and receive continuing status.
- Apply as a new catchment student for their **new catchment school** within the proposed boundary changes drawn for the Carleton catchment.

SCHOOL ENROLMENT – HISTORY AND FORECAST

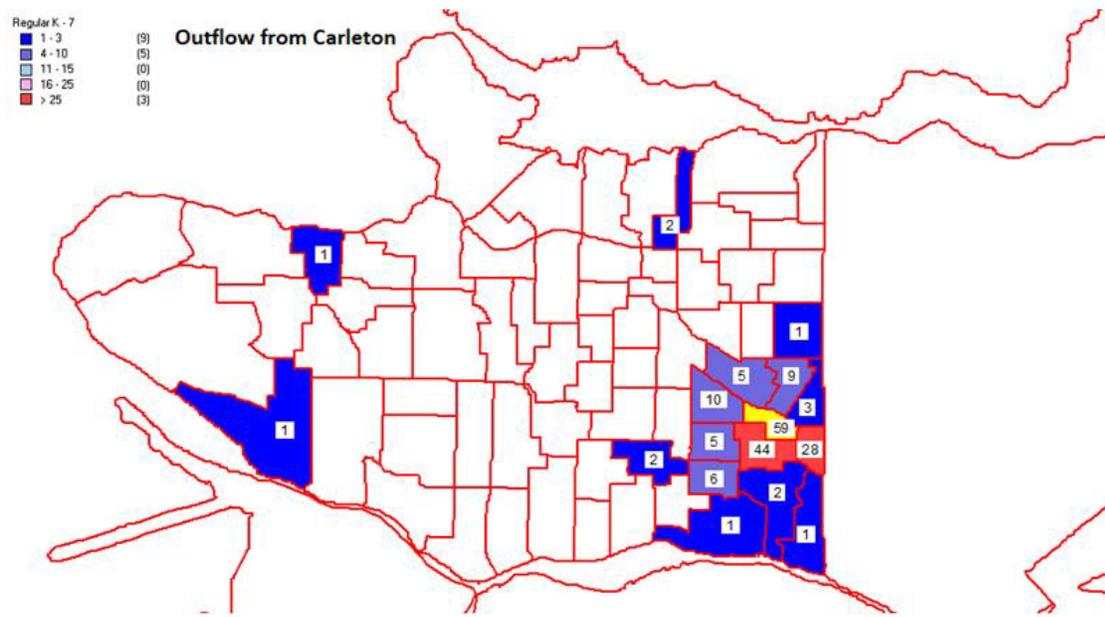
Figure 4 illustrates where Carleton catchment students were attending school in September 2021.

Figure 4 - Carleton Catchment Enrolment Summary 2021

Program and Location	Enrolment Total
All VSB Programs	198
Regular Programs	185
Carleton School at Cunningham	59
Weir	44
MacCorkindale	28

Of the 185 students residing in the Carleton catchment area attending the regular K-7 program in the VSB, 131 attend Cunningham, Weir, or MacCorkindale. As shown in Figure 5 below, another ten students from the Carleton catchment attend Cunningham elementary having enrolled through the out of catchment application process

Figure 5 - Outflow from the Carleton catchment to surrounding schools – regular program



Impact on Enrolment of Proposed Catchment Changes

To assess the potential enrolment impact of the proposed catchment changes, the average kindergarten student yield for the past five years was determined for the West, Central and East portion of the existing Carleton catchment.

Figure 6 – Average Kindergarten Yield

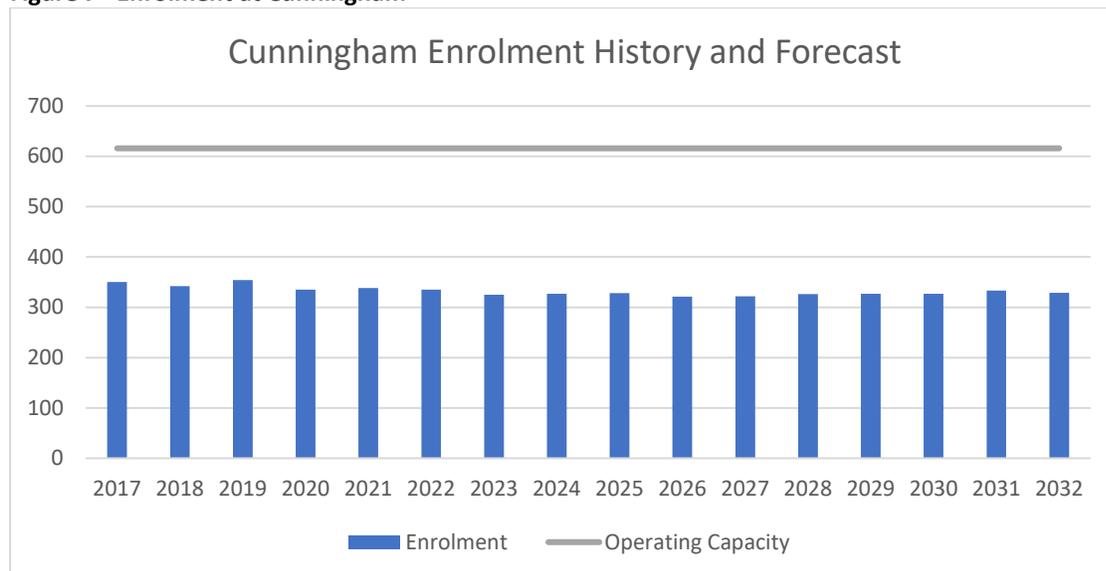
Catchment Section	Affiliated School	Average Kindergarten Yield
West	Cunningham	6
Central	Weir	9
East	MacCorkindale	7
Total		22

For the past six years, the de-facto catchment school for Carleton students has been Cunningham. On average the proposed catchment change would impact sixteen students per year whose catchment school would be Weir or MacCorkindale In the future.

The charts below show the anticipated enrolment increase in the proposed catchment boundary adjustments for the three impacted schools. Note that most Carleton students are already accommodated at these three schools so the actual enrolment impact could be less than anticipated.

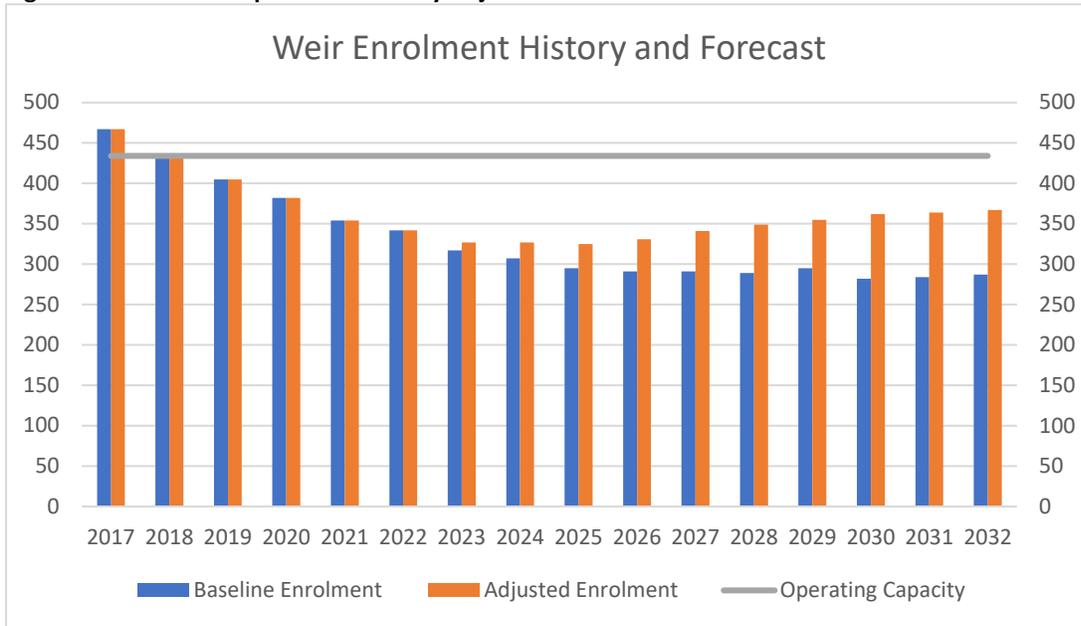
Carleton students have been placed at Cunningham since 2016. The impact of the proposed boundary changes on enrollment at Cunningham is likely to be minimal. As more students from the existing Carleton catchment enroll at their new catchment school, enrolment at Cunningham may be lower than forecast.

Figure 7– Enrolment at Cunningham



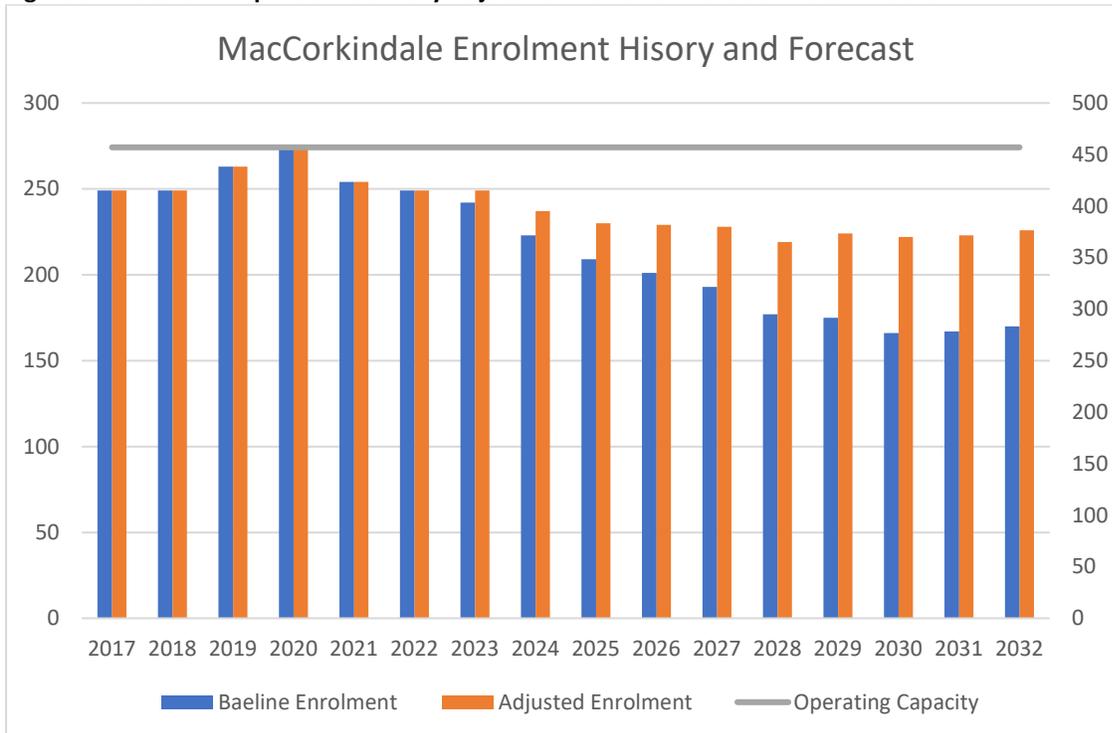
The impact of the addition of nine kindergarten students to Weir annually is shown in Figure 8. As Weir is already receiving some students from the Carleton catchment through the cross-boundary application process the impact of the proposed catchment change on Weir enrolment may be less than shown.

Figure 8 – Potential Impact of Boundary Adjustment on enrolment at Weir



The impact of the addition of seven kindergarten students to MacCorkindale annually is shown in Figure 9. As MacCorkindale is already receiving some students from the Carleton catchment through the cross-boundary application process, the impact of the proposed catchment change on MacCorkindale enrolment may be less than shown.

Figure 9 – Potential Impact of Boundary Adjustment on enrolment at MacCorkindale



ENROLMENT PATTERNS

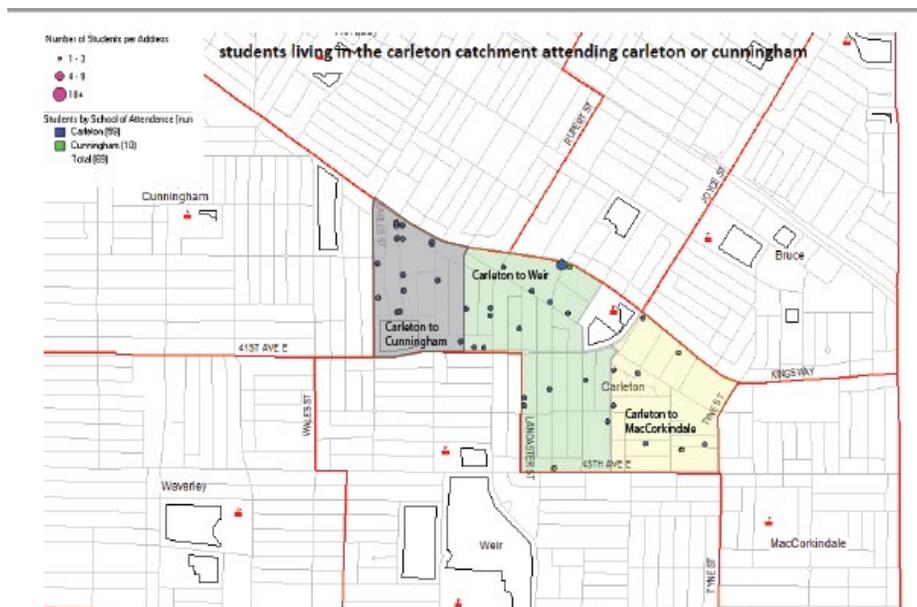
When proposing these catchment changes, staff looked at the enrollment patterns of the current Carleton catchment students to decide where to identify the boundaries for the new proposed catchments.

Established Enrolment Patterns

The southern boundary of the Carleton catchment is Kingsway, Figure 1, which is a busy arterial road. After the fire in 2016 most Carleton students were placed at Cunningham or opted to attend the other nearby schools located on the north side of Kingsway – Weir and MacCorkindale. The proposed boundary adjustments (Figure 2) align with established enrolment trends shown in Figures 10 (Cunningham), 11 (Weir), and 12 (MacCorkindale) below.

As illustrated in Figure 10, Cunningham is the de facto catchment school for Carleton catchment residents and draws students from the entire catchment area.

Figure 10 – Students residing in the Carleton catchment area attending Cunningham



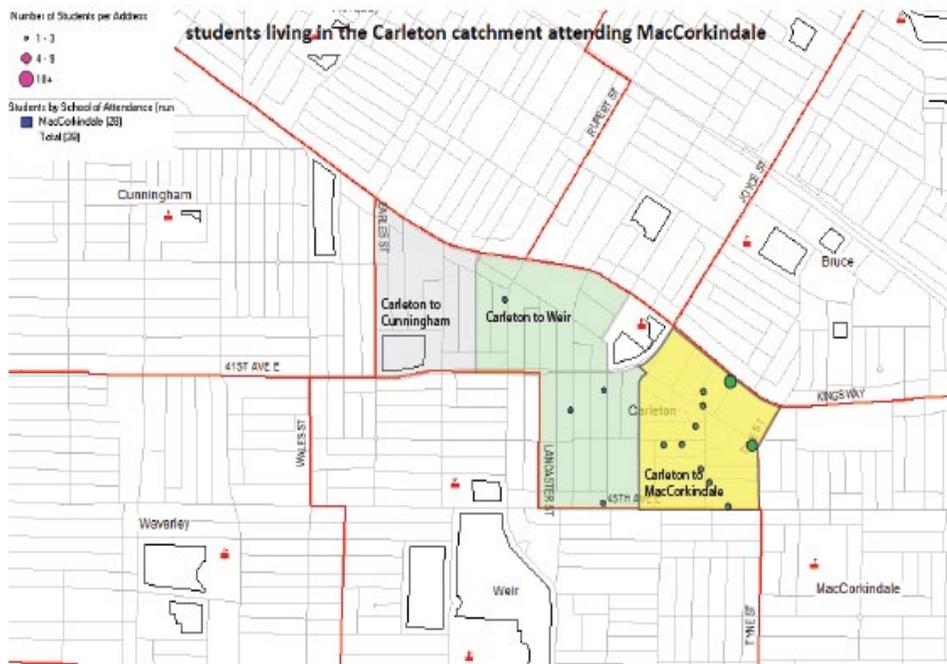
Students who enrolled at Weir through the out of catchment application process are mostly from the central section of the catchment, within the proposed new catchment for Weir.

Figure 11 – Students residing in the Carleton catchment area attending Weir



Students who enrolled at MacCorkindale through the out of catchment application process are mostly from the east section of the catchment, within the proposed new catchment for MacCorkindale.

Figure 12 – Students residing in the Carleton catchment area attending MacCorkindale



SAFE TRAVEL TO SCHOOL

A significant factor when proposing catchment changes and identifying catchment boundaries is safe travel to school for students. The following have been considered with the proposed changes. More detailed information regarding the safe travel is available in Appendix A.

Traffic and Travel Safety and Travel Distance

41st Avenue/Joyce Street is an arterial road that runs east/west across the Carleton catchment. There is a pedestrian controlled crosswalk at 41st Avenue and Kerr Street and at 41st and School Avenue with overhead traffic lights and with crosswalk markings and streetlights.

Currently, students attending Cunningham who live South of 41st Avenue/Joyce Street cross this road. The proposed catchment adjustments eliminate the need for Cunningham and MacCorkindale students to cross 41st Avenue/Joyce Street to attend their new catchment school. Weir students living north of 41st Avenue/Joyce Street will still need to cross this road to attend Weir. As can be seen from Figure 11 above, many students currently attending Weir cross this road enroute to school.

Figure 13 –Walking Distance from Carleton

School	Walking Distance from Carleton (km)
Cunningham	1.8
Weir	1.1
MacCorkindale	1.0

Figure 14 – Maximum Travel Distance with Proposed Changes

School	Max Walking Distance	Notes
Cunningham	1.4 km	The maximum walk distance is from the SE corner of the section of the Carleton catchment proposed to be added to the Cunningham catchment
Weir	1.4 km	The maximum walk distance to the school is from the SE corner of the existing Weir catchment
MacCorkindale	1.1 km	The max distance to the school is from the NE corner of the existing MacCorkindale catchment

TIMELINE

The priority registration period for the 2023-24 school year opens on November 1, 2022. To provide clarity for families in the existing Carleton catchment, a decision regarding the proposed catchment adjustments in the early fall of 2022 is advisable.

Figure 15 – Roadmap and Timeline

Event	Date	Process
Facilities Planning Committee	June 15, 2022	Staff inform FPC of proposed catchment changes
Public Consultation	Late June, and September 2022	Engage with impacted school communities, hold one public consultation meeting
Facilities Planning Committee	October, 2022	Staff Report to FPC including community feedback regarding the proposed changes
Board Meeting	October 24, 2022	Board Decision

RECOMMENDATION

This report is for information. There is no recommendation

ATTACHMENT:

- APPENDIX A – Safe Pedestrian Travel Infrastructure

Safe Pedestrian Travel Infrastructure

Families and students will make individual choices on how to get to school, based on the way they travel, where they live, personal preferences and other factors. The diagram and information below detail some of the infrastructure found at various key intersections in the area.



Key for Graphics

- 1) 41st Avenue and Kerr Street. Overhead traffic lights and pedestrian controlled intersection with crosswalk markings and streetlights.
- 2) 41st Avenue and School Avenue. Overhead traffic lights and pedestrian controlled intersection with crosswalk markings and streetlights.
- 3) 45th Avenue and Tyne Street. 4-way stop, curb bulges, and streetlights.
- 4) 41st Avenue and Rupert Street. Overhead traffic lights, crosswalk markings, streetlights.
- 5) 41st Avenue and Killarney Street. Overhead traffic lights and pedestrian controlled intersection with a diverting median, crosswalk markings, streetlights.
- 6) 45th Avenue and Rupert Street. Overhead traffic signals with crosswalk markings curb bulges, streetlights.
- 7) 45th Avenue and Battison Street. Offset intersection with stop signs, crosswalk markings, curb bulges and streetlights.
- 8) 43rd Avenue and Rupert Street. Uncontrolled intersection with streetlights.

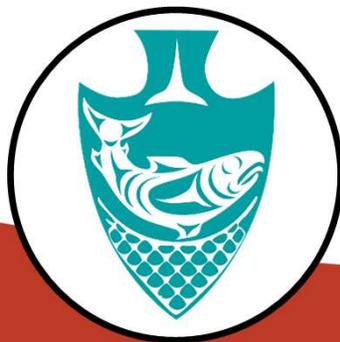
VANCOUVER SCHOOL DISTRICT FACILITIES PLANNING COMMITTEE MEETING

June 15, 2022



INDIGENOUS ACKNOWLEDGEMENT

Please join me in acknowledging that we are unlearning and relearning on the traditional and unceded lands of the **xʷməθkʷəy̓əm (Musqueam), Sḵwxwú7mesh (Squamish), and səliłwətał (Tseil-Waututh) Nations**



xʷməθkʷəy̓əm
(Musqueam)



Sḵwxwú7mesh
(Squamish)



səliłwətał
(Tseil-Waututh)

Live-streamed

The meeting is being live-streamed and the audio and visual recording will also be available to the public for viewing after the meeting.

The footage of the meeting may be viewed inside and outside of Canada.

Meeting Decorum

The Board has a strong commitment to ethical conduct. This includes the responsibility of committee members to conduct themselves with appropriate decorum and professionalism. As Chair of the Committee it is my responsibility to see that decorum is maintained. To do that I ask that:

- i. All members/delegates request to speak through the chair;
- ii. Civility towards others is maintained as stakeholder representatives and Trustees share perspectives and participate in debate;
- iii. Staff be able to submit objective reports without influence or pressure as their work is acknowledged and appreciated;
- iv. Committee members refrain from personal inflammatory/accusatory language/action;
- v. Committee Members, Trustees, representatives and /staff present themselves in a professional and courteous manner.

Committee Roll Call

- Roundtable roll call
 - Stakeholders: please state your first and last name and the name of the group you are representing
 - Trustees and staff: please state your first and last name and position

ITEM 1.1

Draft 2023-2024

Five-Year Capital Plan Submission

J. David Green, Secretary-Treasurer
J. Dawson, Director of Educational Planning
R. Macdonald, Director of Facilities

Major Capital Project Priorities 2023-24

June 15, 2022

Major Capital Funding Programs

Seismic Mitigation Program (SMP)

- Replacement Schools
- Upgrades
- Partial Replacements

Expansion Program (EXP)

- New Schools
- Additions to existing schools

Major Capital
Program
Update – 2022-
23 Capital Plan
Response
Letter

- Ministry reviewed LTIP
- Grenfell remains a supported SMP project
- David Thompson, Killarney, and False Creek projects have been deferred
- District encouraged to secure final agreement on a site for a future school at Olympic Village
- Ministry will advance \$1.665 million for minor capital projects

Planning Assumptions

MOE has committed to funding safe schools to accommodate enrolment

Not all schools will be seismically safe at the end of the SMP

Schools that will be able to receive students from seismically unsafe schools have been prioritized



Major Capital Project Prioritization Aligns with the LRF and LTIP



Planning
Assumptions
continued....

SMP funding has become
more difficult to access

School expansion requests
are not funded by the SMP

School addition requests
have yet to be funded

SMP - Observations

- Secondary and Elementary Programs Function Differently

Consideration	Secondary	Elementary
Approval Process	Some supported projects may not be funded	Supported projects are generally funded. (Exception is Carleton)
Timeline	7 – 9 Years from feasibility to occupancy. Potentially longer.	5 – 6 Years from feasibility to occupancy
Scale of Funding	Range \$90-\$120M	Range \$20- \$40 M
Procurement – New Replacement Schools	Design – Build	Design – Bid – Build
Temporary Accommodation	Single site required to move students offsite	Feasible, more options available
Educational Programming	Sustaining educational programming options requiring specialty spaces is a primary concern	Less requirement for specialty spaces

Safe and High-Risk Schools Overview

School Type	Safe	In Progress	Total Safe	Total High Risk	Total
Annex	7	0	7	5	12
Elementary	40	7	47	30	77
Secondary	6	1	7	11	18
Totals	53	8	61	46	107

Capital Program Project Summary Since 2014

School Type	Expansion Program	Seismic Mitigation Program			Total
Project Type	New School	Upgrade	Partial Upgrade	Replacement	
Elementary	3	7	3	8	21
Secondary	0	1	0	2	3

Methodology – Prioritizing Requests

Strategic Focus

- Which schools are essential to ensure all VSB students can attend seismically safe schools?

Prioritized Criteria

Zonal Analysis

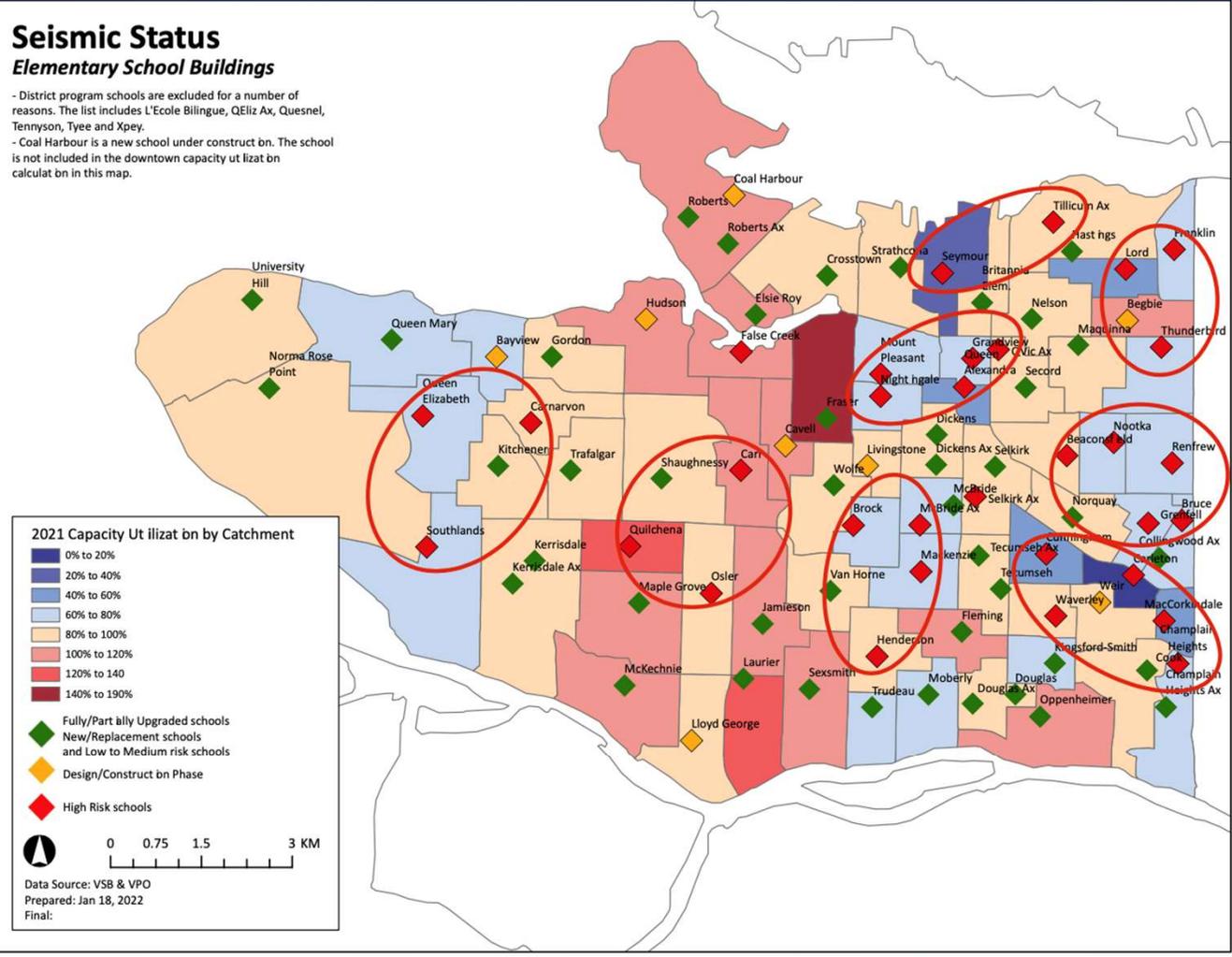
Prioritization Criteria

Criteria	Level	Description
High Seismic Risk Factor	1	Statistic - % High risk X Enrolment
Geographic Location is Essential	1	Geographic accessibility or isolation
Capacity	2	Prioritizing schools that have sufficient capacity to accommodate students from nearby schools that are not seismically safe
Forecast CU is high	2	Forecast CU% is high
Capacity of Surrounding Schools	3	Assessment of safe capacity in surrounding schools to receive students
Availability of TA	3	Temporary Accommodation Site is Available
Quick Wins	3	Potential for MOE supported due to limited scope

Seismic Status

Elementary School Buildings

- District program schools are excluded for a number of reasons. The list includes L'Ecole Bilingue, Q'Eliz Ax, Quesnel, Tennyson, Tyee and Xpey.
 - Coal Harbour is a new school under construct bn. The school is not included in the downtown capacity ut ilizat bn calculat bn in this map.



Elementary Schools Year 1

CP year	School Name	Seismic Risk 2015 MOE	Nominal Capacity
1	Mackenzie	H1	635
1	Renfrew	H1	760
1	False Creek	H1	250
Total			1645

Elementary Schools – Year 2

CP year	School Name	Seismic Risk	Nominal Capacity
2	Waverley	H1	510
2	Nightingale	H1	390
2	Carr	H1	290
Total			1190

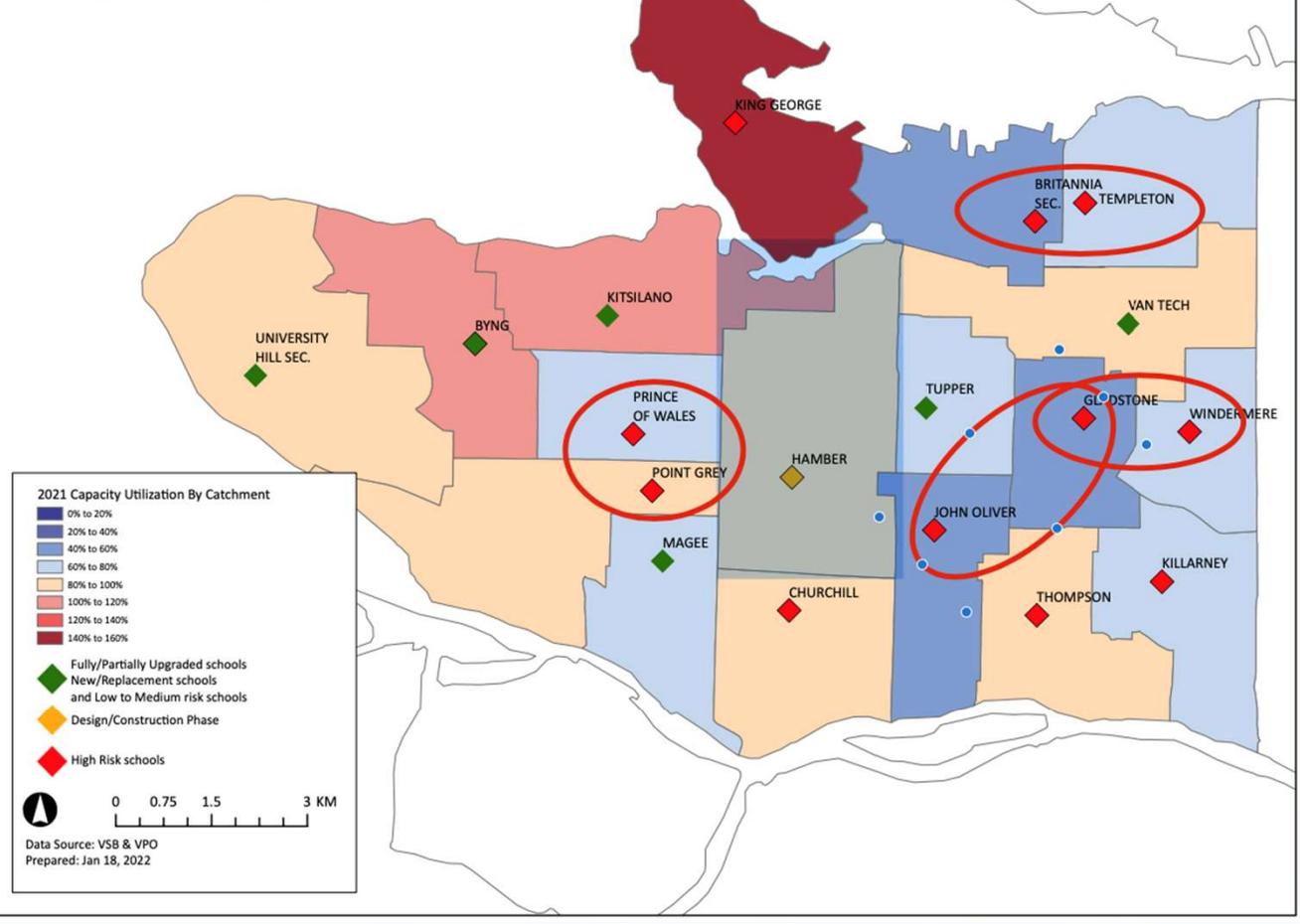
Elementary Schools – Year 3

CP year	School Name	Seismic Risk 2015 MOE	Nominal Capacity
3	Franklin	H1	295
3	Osler	H1	315
3	Mount Pleasant	H3	315
Total			925

Elementary Schools – Year 4 and 5

CP year	School Name	Seismic Risk 2015 MOE	Nominal Capacity
4	Champlain Heights	H3	495
4	Beaconsfield	H1	315
4	MacCorkindale	H2	490
5	Grandview	H1	220
5	Southlands	H1	340
5	Seymour	H1	370
Total			2230

Seismic Status Secondary School Buildings



Secondary Schools – Year 1-3

CP year	School Name	Seismic Risk	Nominal Capacity
1	David Thompson	H1	1550
1	Killarney	H1	2200
2	Churchill	H1	2000
2	John Oliver	H1	1700
3	King George	H1	375
Total			7825

CP year	School Name	Seismic Risk	Nominal Capacity
4	Windermere	H1	1500
5	Templeton	H1	1400
Total			4000

Secondary Schools – Years 4 and 5

New School Requests

CP Year	School Name	Facility Type	Nominal Capacity
1	Olympic Village	Elementary	510 (60K/450E)
5	UBC South	Elementary	410 (60K/350E)
5	New School at Roberts Annex site	Elementary	510(60K/450E)
Total			1430

School Expansion Requests

CP Year	School Name	Project	NC Increase	Total NC
1	False Creek	Addition (5 CR)	120 (20K/100E)	410 (60K/350E)
2	Carr	Additional Wing (9 CR)	220 (20K/200E)	510(60K/450E)
3	King George	Addition / expansion	625	1000
5	Hudson	Additional Wing (6 CR)	145 (20K/125E)	510 (60K/450E)
Total			1110	2430

Minor Capital Submissions

School Enhancement Program (SEP)

Project Type	Scope or Location	\$
Electrical	Prince of Wales Fire Alarm Upgrade	\$ 300,000
Electrical	Point Grey PA Upgrade	\$ 300,000
Exterior Wall System	Cook Elementary Roller Shutters	\$ 150,000
Roofing	Van Tech Shop Wing Skylights Removal and Building Roofing	\$ 600,000
Exterior Wall System	Van Tech Building Envelope Upgrade	\$ 450,000
Total		\$1,800,000

Carbon Neutral Capital Program (CNCP)

Priority	School Name	Type of work	\$
1	Magee Secondary	New heating plant	\$667,880
2	Wolfe Elementary (frame building)	New heating plant	\$330,000
3	University Hill Elementary	New heating plant	\$442,000
4	Cavell Elementary	New heating plant	\$529,000
5	Killarney Secondary	Controls Upgrades	\$25,000
Total			\$1,993,880

Playground Equipment Program (PEP)

Priority	School Name	Type of Work	\$
1	Cunningham Elementary	New accessible playground equipment (including rubber surfacing) for students with accessibility challenges	\$165,000
2	Cook Elementary	New accessible playground equipment (including rubber surfacing) for students with accessibility challenges	\$165,000
3	Trudeau Elementary	New accessible playground equipment (including rubber surfacing) for students with accessibility challenges	\$165,000

Building Envelope Program (BEP)

School Name	Type of Work	\$
Churchill Secondary	Building envelope remediation	Evaluation Underway. Costs to be determined.

Draft 2023-2024 Five-Year Capital Plan Submission

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 **major capital program** Five-Year Capital Plan, as provided on the attached Five-Year Capital Plan Summary 2023-2024.*

And 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 **minor capital program** Five-Year Capital Plan, as provided on the attached Five-Year Capital Plan Summary 2023-2024.*

QUESTIONS?

ITEM 1.1

Draft 2023-2024

Five-Year Capital Plan Submission

ITEM 2.1

Accessibility Update

R. Macdonald, Director of Facilities

R. Poetscke, Director of Instruction-Learning Services

QUESTIONS?

ITEM 2.1

Accessibility Update

ITEM 2.2

2020 Long Range Facilities Update

J. David Green, Secretary-Treasurer

J. Dawson, Director of Educational Planning

Three Components of the LRF

Vision, Regulatory Requirements, Guiding Principles and Planning Assumptions

Base Case and Future Scenarios

Local Planning Studies and Reports

Purpose of this Report

Describe LRFP Update Process

Overview of LRFP Implementation

- Capital Plan Overview and Status
- Other Long-term planning priorities

Provincial Context

- The Ministry states in the LRFP Guidelines: *As a comprehensive planning tool, a LRFP is expected to cover a 10-year timeframe, at a minimum, and outline how a board of education intends to manage an inventory of existing facilities and planned new facilities during that time. An LRFP should be realistic in terms of expectations for the Ministry's allocation of capital funding for the replacement of existing schools and the creation of new space through the construction of new schools and additions to existing schools.*

Local Context – Strategic Focus

Providing seismically safe capacity in new replacement schools to accommodate VSB enrolment – SMP

Enabling catchment students to attend their catchment school - EXP

Capital Asset Management Plan – leverage District land values to generate capital revenue to successfully advance capital priorities

- Enhance the 'least cost' option funding provided by the Ministry for SMP projects with the goal of building replacement schools
- Contribute funding to school expansion projects

LRFP – Base case and future scenarios – Scope of Work



UPDATE GRAPHICS
AND CONTENT USING
2021 ENROLMENT
DATA AND FORECASTS



UPDATE TEXT TO
REFLECT PROGRESS IN
IMPLEMENTATION OF
THE LRFP



ADD THE LONG-TERM
INVESTMENT PLAN
(LTIP) AS AN APPENDIX



UPDATE LRFP
APPENDICES



CONTINUE TO
MAINTAIN AND
DEVELOP THE
EDUCATIONAL
PLANNING AND
FACILITIES WEBSITE.



MAINTAIN UP TO DATE
OPEN DATA

LRFP Implementation – Local Planning Studies and Reports

Meeting Date		Report Title
Mar 10, 2021	FPC	Data Sharing Memorandum of Understanding (Item 2.1)
		Preferred School Size Working Group (PSSWG) Final Report and Recommended Guidelines (Item 4.2)
		Kindergarten Enrolment-Full Schools Overview
		South Portion of Sir Sandford Fleming School Site – Consultation prior to the potential surplus Declaration
May 5, 2021	FPC	South Portion of Sir Sandford Fleming School Site – Surplus Declaration Consultation
June 14, 2021	FPC	Draft 2022/2023 Five Year Capital Plan Submission
October 6, 2021	FPC	LTIP Staff Report and Final Report
November 17, 2021	Finance	2021 Enrolment Update Item 1.3
January 17, 2022	Board	Consideration of Closure of Queen Elizabeth Annex
January 19, 2022	FPC	Referral Motion: Consideration of Closure of Queen Elizabeth Annex
March 9, 2022	FPC	Enrolment Update Item 1.2

LRFP Implementation – Capital Program Overview

Safe and High-Risk Schools SMP

School Type	Safe	In Progress	Total Safe	High Risk	Total
Annex	7	0	7	5	12
Elementary	40	7	47	30	77
Secondary	6	1	7	11	18
Totals	53	8	61	46	107

Enrolment and Capacity Overview – Percentage (including projects in construction and design)

School Type	Safe Operating Capacity	% Enrolment Safe Schools	% High Risk Operating Capacity	% Enrolment High Risk Schools
Annex	57%	61%	43%	39%
Elementary	64%	71%	36%	29%
Secondary	39%	43%	61%	57%
Totals	53%	59%	47%	41%

Enrolment and Capacity Overview

Capacity and Enrolment	K-7	Secondary	Total K-12
Safe Operating Capacity	20940	9800	30740
High Risk Operating Capacity	11870	15500	27370
Total Operating Capacity	32810	25300	58110
2021 Enrolment Safe Schools	19567	8281	27848
2021 Enrolment High Risk Schools	8290	10892	19182
Total Enrolment	27857	19173	47030
Safe Capacity Utilization	93%	85%	90%
High Risk Capacity Utilization	70%	70%	70%

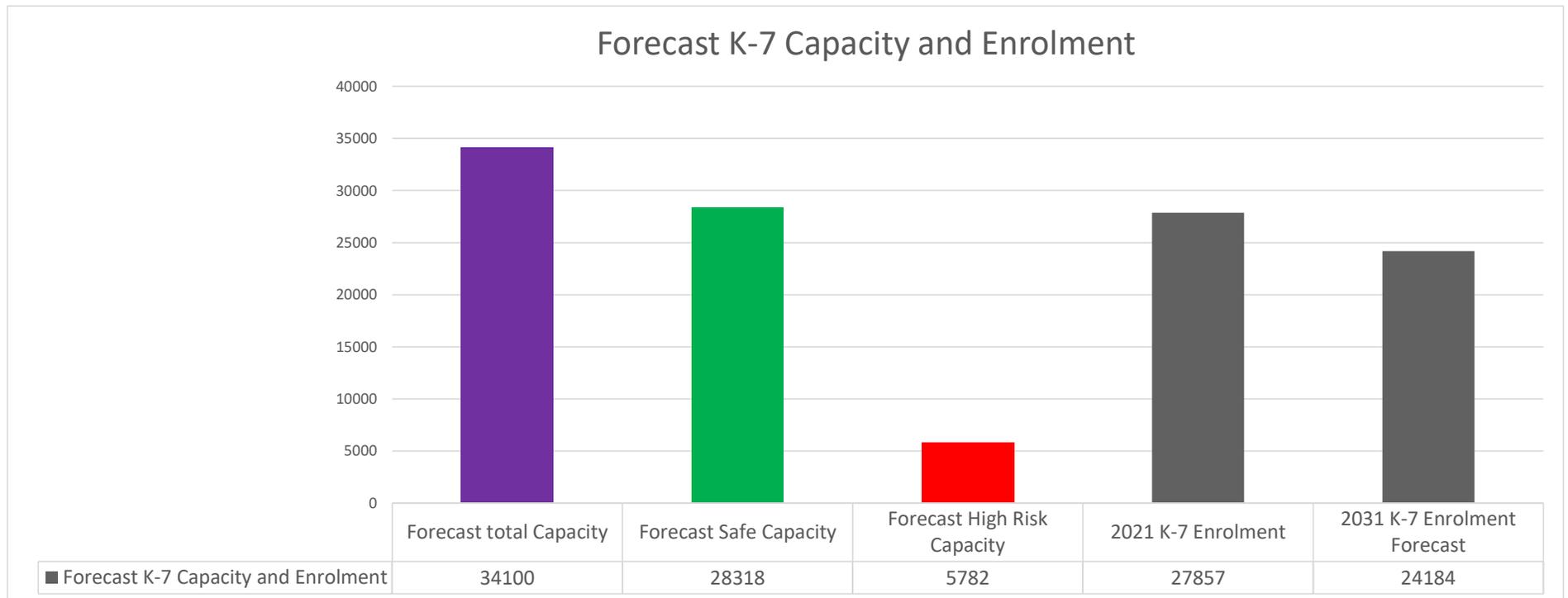
Elementary Capital Program - Summary

Category	K-7 Operating Capacity
Safe Operating Capacity	21116
Supported (SMP)	488
Prioritized (SMP)	5424
Prioritized (EXP)	1290
Total	28318

Forecast Elementary Safe Operating Capacity

Category of K-7 Operating Capacity	
Forecast Safe K-7 Capacity	28318
Total Current K-7 Capacity	32810
Total Forecast K-7 Capacity Including EXP Requests	34100
Forecast High Risk (K-7) Capacity	5782

Forecast Safe Capacity and Enrolment - Elementary



Secondary Capital Program - Summary

Category	Secondary Operating Capacity
Safe Operating Capacity	9800
Prioritized (SMP)	9425
Prioritized (EXP)	625
Total	19850

Forecast Secondary Safe Operating Capacity

Category of Secondary Operating Capacity	
Forecast Safe Secondary Capacity	19850
Total Current Secondary Capacity	25300
Total Forecast Secondary Capacity Including EXP Requests	25925
Forecast High Risk (Secondary) Capacity	6075

Forecast Safe Capacity and Enrolment - Secondary

Forecast Secondary Safe Capacity and Enrolment



■ Forecast Safe Capacity and Enrolment

	Forecast Total Capacity	Forecast Safe Capacity	Forecast High Risk Capacity	2021 Secondary Enrolment	2031 Secondary Enrolment Forecast
	25925	19850	6075	19173	17424

LRFP Implementation – New Schools

Coal Harbour

- Mixed-use building – School, Childcare, Affordable Housing
- In construction phase of project
- Occupancy scheduled for September 2024

Olympic Village

- Work progressing towards signing a ground lease with CoV
- CoV staff seeking funding approval for rooftop childcare

Roberts Annex Site

- Schematic design work underway
- Coordination with BC Hydro
- Working towards joint submission of development permit application in 2023

LRFP Implementation – Master Planning Processes

Britannia Renewal Process

- Collaboration with site partners on development of site options
- Working towards a public engagement process once site options are developed
- Viability of site options will depend on the availability of capital funding

We Connect (King George Renewal Plan)

- Site partners have provided consultants with functional programming details
- VSB has communicated the need for a larger school offering a comprehensive secondary program

- Fleming Disposition
 - South Portion of Fleming site declared surplus
 - Enhanced referral process – required 90-day circulation period within government scheduled to conclude by end of June
 - Ministerial approval required prior to bringing land to market



Land Asset Management

Working with the CoV

- Continue regular meetings with the CoV to build relationships, and exchange information on major long-term planning initiatives, including the Van Plan, Broadway Plan, and Jericho Lands process

QUESTIONS?

ITEM 2.2

2020 Long Range Facilities Update

ITEM 2.3

Proposed Catchment Boundary Adjustments – Carleton Elementary Catchment

J. David Green, Secretary-Treasurer

J. Dawson, Director of Educational Planning

Introduction and Background

Carleton school has not accommodated students since being damaged by fire in August 2016

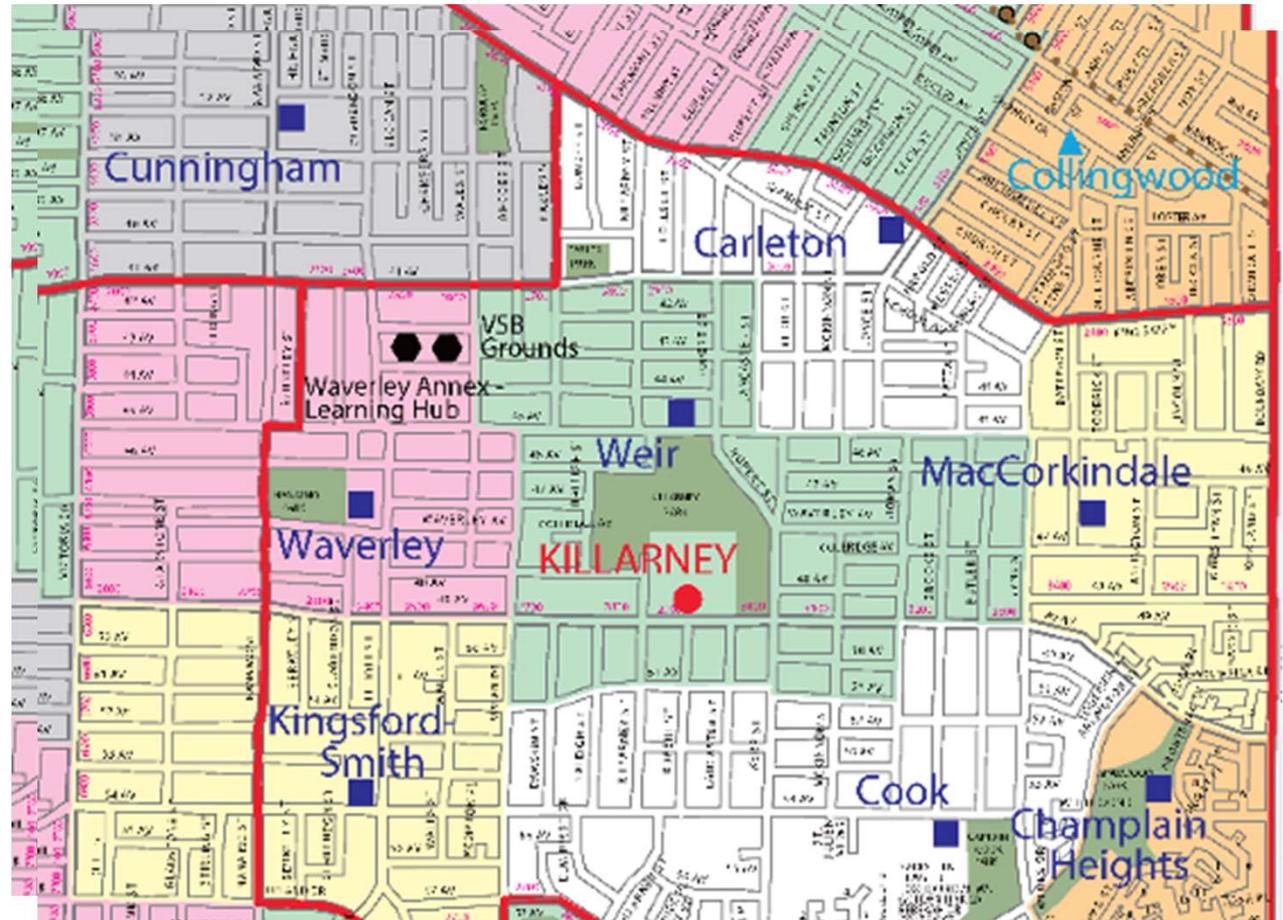
Carleton students have been accommodated at Cunningham since 2016

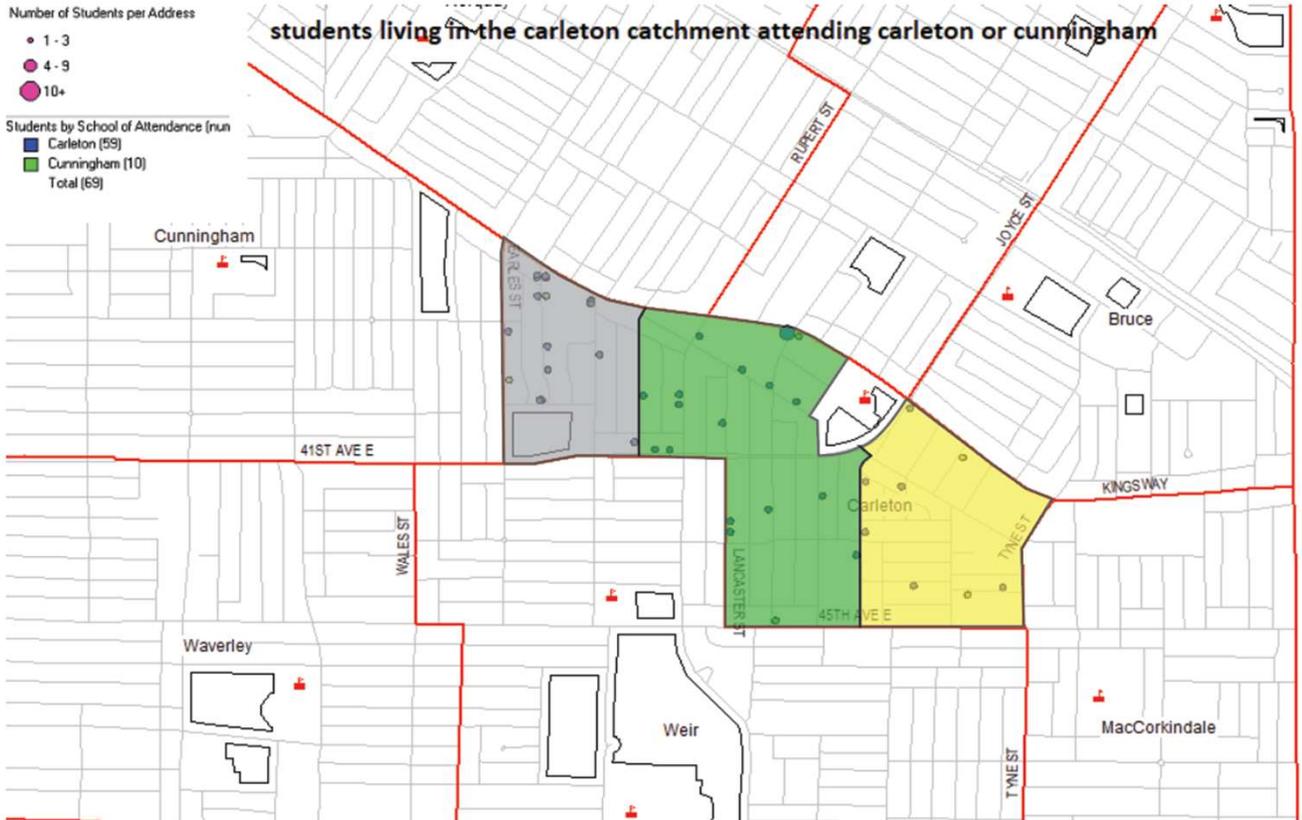
Weir Elementary is in the construction phase of a seismic mitigation project. When complete there will be surplus seismically safe capacity at the Weir site to accommodate additional enrolment.

There will be surplus capacity at the MacCorkindale site once it is no longer required to accommodate Weir students

Adjusting the Carleton catchment boundaries as proposed prioritizes convenience and choice for VSB families living in the existing Carleton catchment

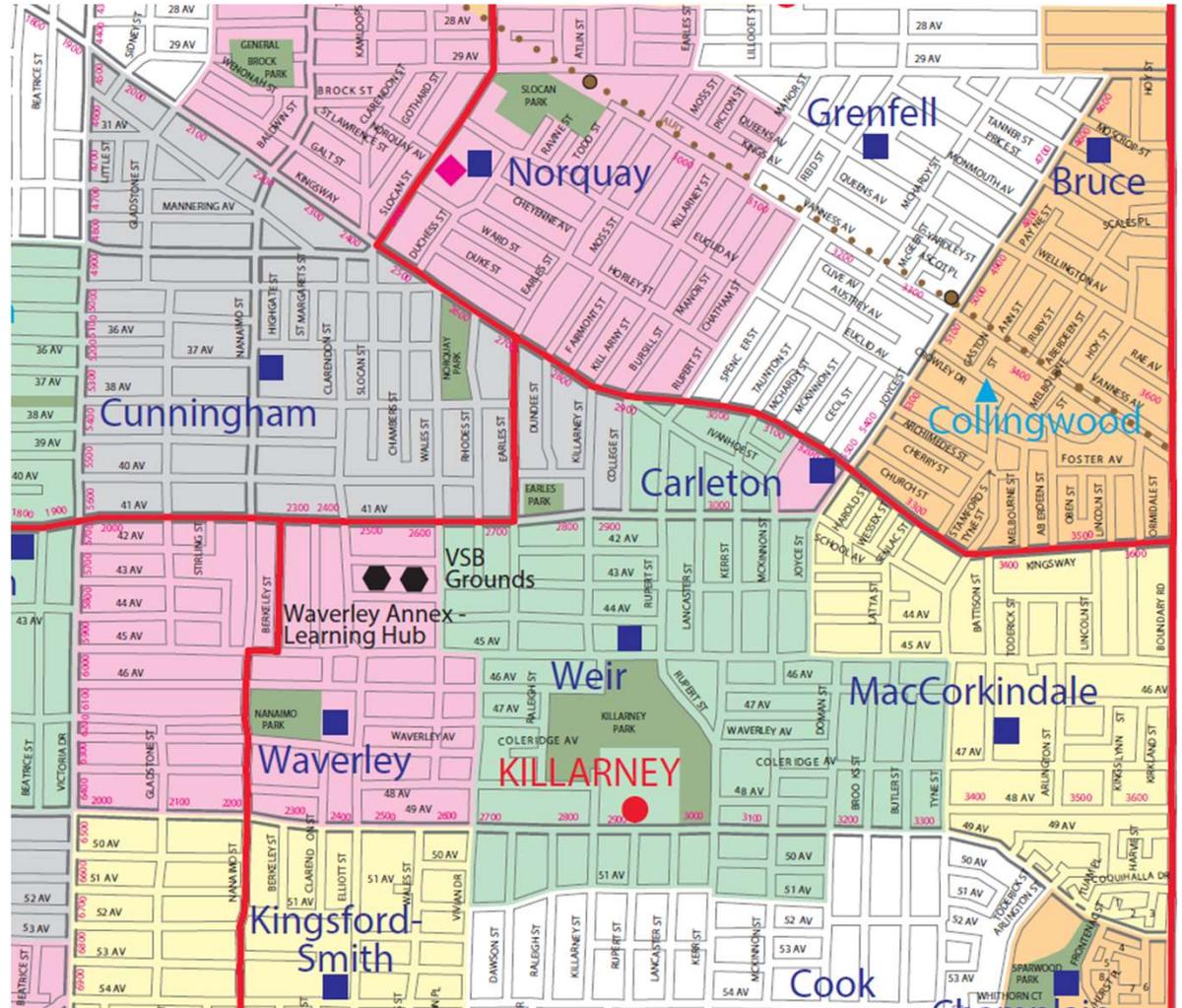
Carleton and Nearby Schools





Proposed
Changes to
Carleton
Catchment

Result of Boundary Adjustments – If Approved



Rationale

- Prioritizes Convenience and Choice for VSB families
- Optimizes Use of Safe Capacity (at Weir)
- Respects established enrolment patterns

- The Additional Responsibilities section of [Board Policy 2 – Role of the Board](#) establishes that the Board shall approve catchment areas for schools and District programs.
- [AP 305 School Catchment Boundaries](#) details the guiding principles and procedures for adjusting school catchment boundaries.

Policy and Admin Procedures

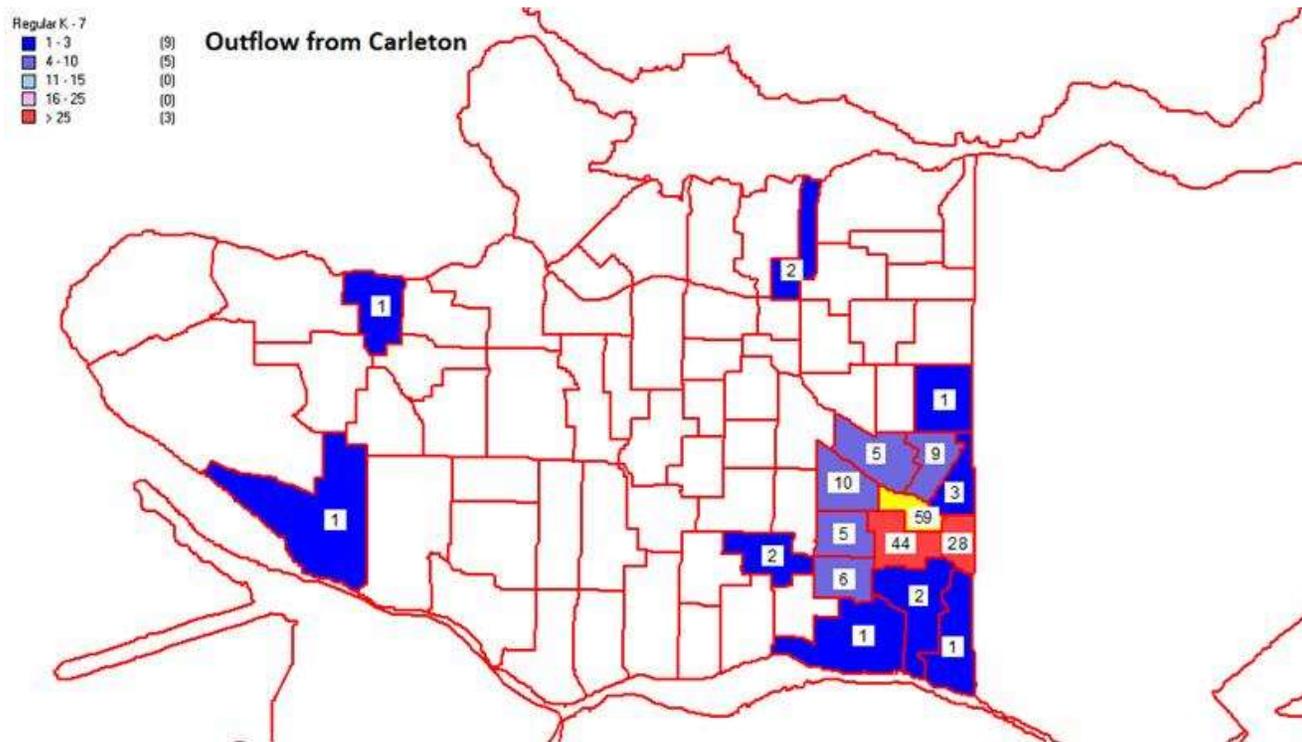
Enrolment Planning

Proposed Catchment Adjustments in effect for Nov 1, 2022 - beginning of priority registration period for September 2023

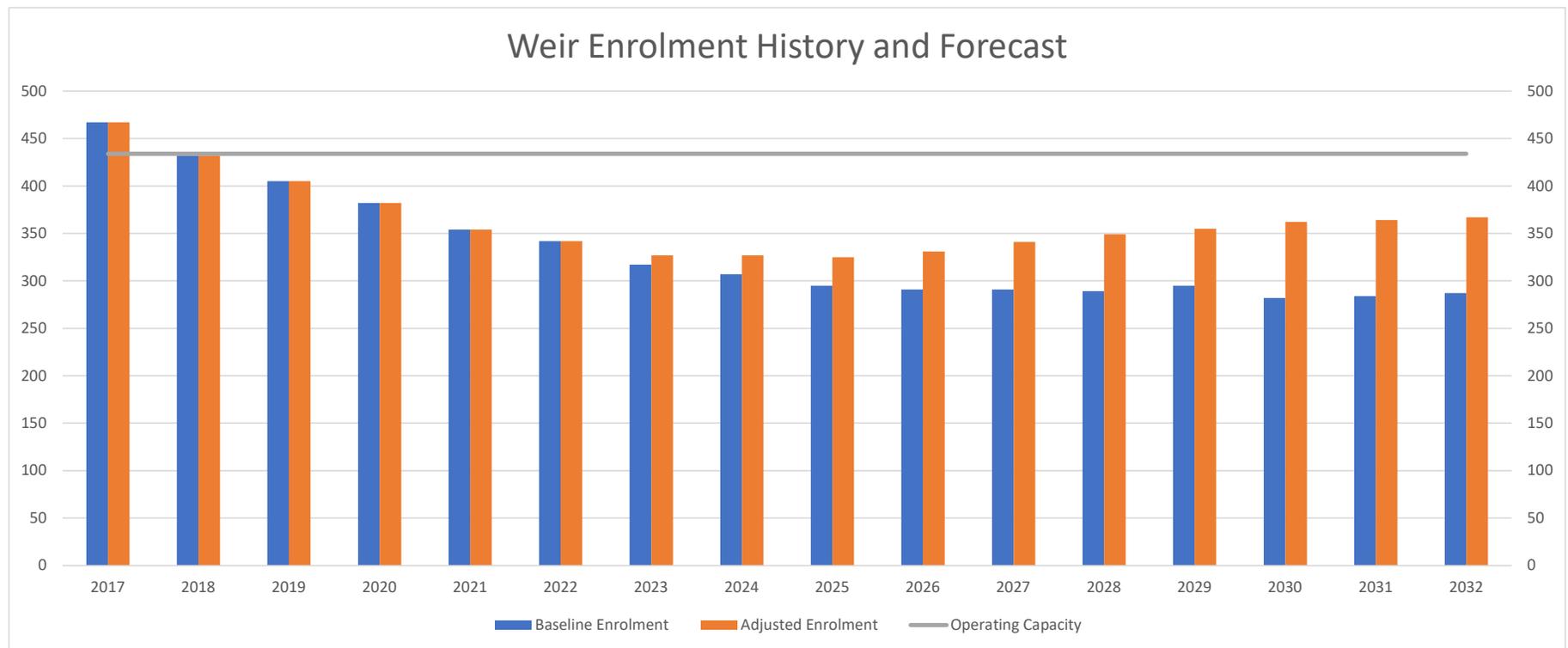
Kindergarten Applicants

- Kindergarten applicants would apply to their new catchment school based on adjusted catchment boundaries
- 'Grandparenting' provisions in AP 305 provide sibling priority to Kindergarten applicants with older sibling at Cunningham
- Kindergarten applicants will also have sibling priority at their new catchment school

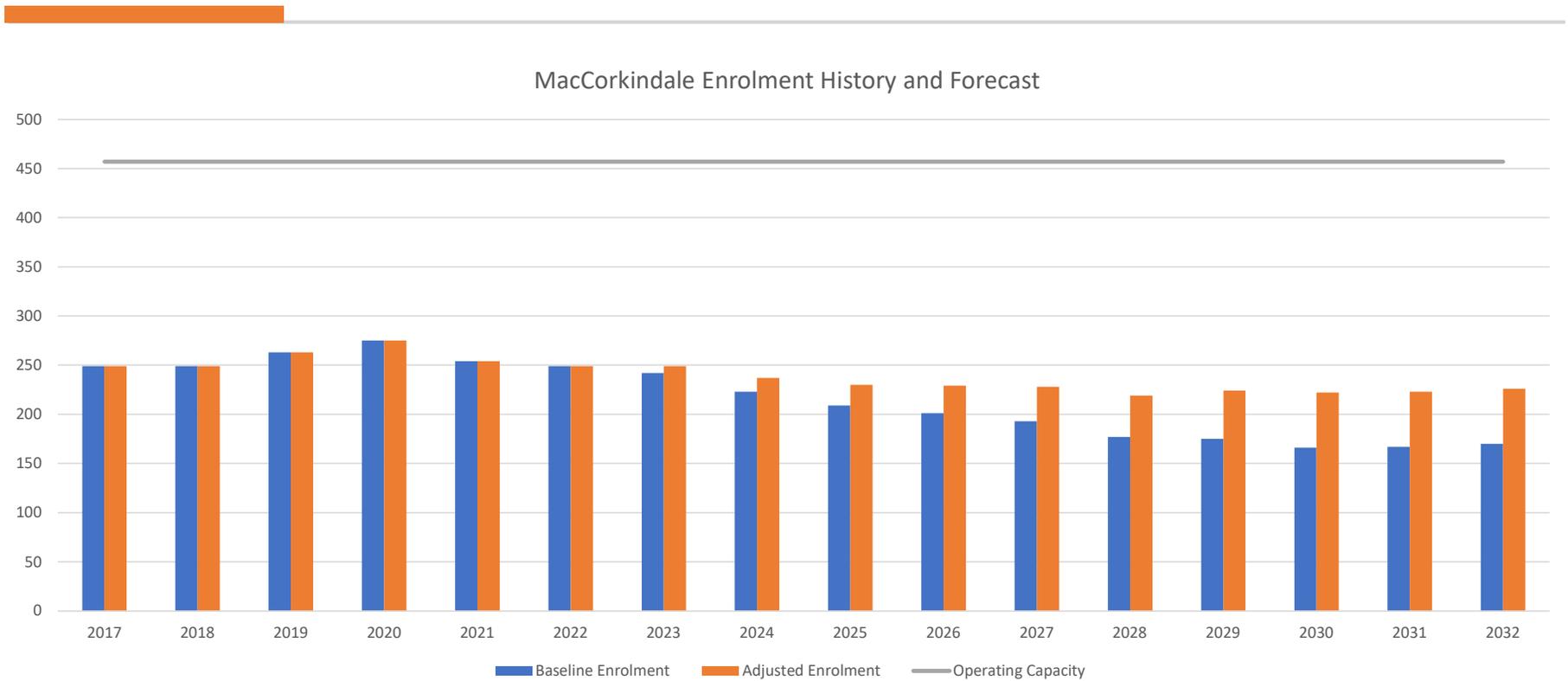
Enrolment from Carleton Catchment



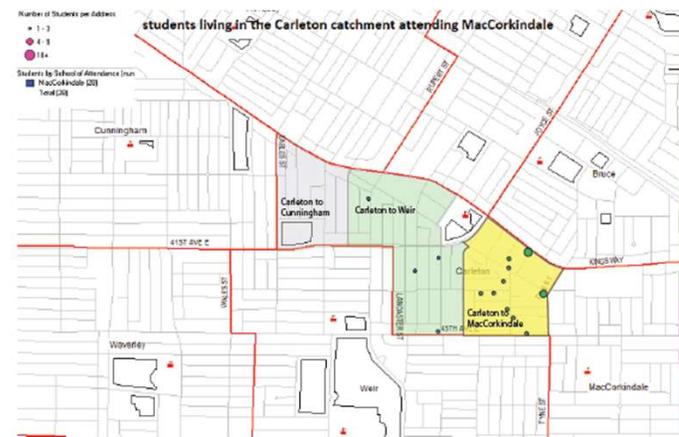
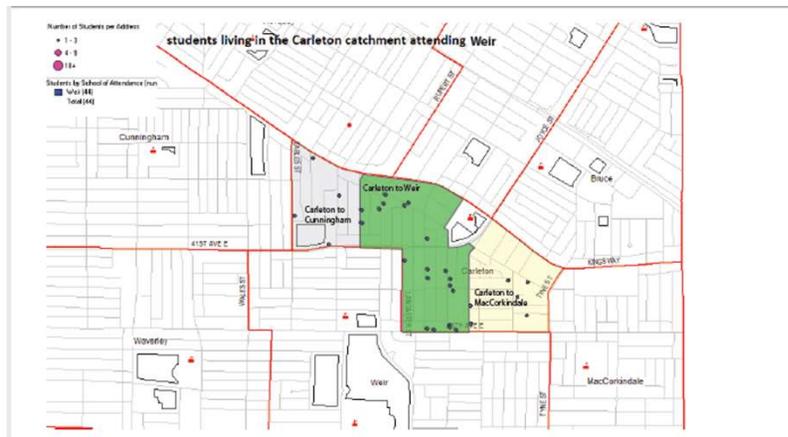
Weir Enrolment History and Forecast



MacCorkindale Enrolment History and Forecast



Established Enrolment Patterns



- Left Side - Students in the Carleton catchment attending Weir
- Right Side - Students in the Carleton catchment attending MacCorkindale

Safe Travel to School

School	Max Walking Distance	Notes
Cunningham	1.4 km	The maximum walk distance is from the SE corner of the section of the Carleton catchment proposed to be added to the Cunningham catchment
Weir	1.4 km	The maximum walk distance to the school is from the SE corner of the existing Weir catchment
MacCorkindale	1.1 km	The max distance to the school is from the NE corner of the existing MacCorkindale catchment



Safe Travel to School

41st Avenue/Joyce Street is an arterial road that runs east/west across the Carleton catchment

Existing Safe Pedestrian travel infrastructure detailed in the report

The proposed catchment adjustments eliminate the need for Cunningham and MacCorkindale students to cross 41st Avenue/Joyce Street to attend their new catchment school.

Event	Date	Process
Facilities Planning Committee	June 15, 2022	Staff inform FPC of proposed catchment changes
Public Consultation	Late June, and September 2022	Engage with impacted school communities, hold one public consultation meeting
Facilities Planning Committee	Early October, 2022	Staff Report to FPC including community feedback regarding the proposed changes
Board Meeting	October 24, 2022	Board Decision

Roadmap and Timeline

The priority registration period for the 2023-24 school year opens on November 1, 2022. To provide clarity for families in the existing Carleton catchment a decision regarding the proposed catchment adjustments in the early fall of 2022 is advisable.

QUESTIONS?

ITEM 2.3

Proposed Catchment Boundary Adjustments – Carleton Elementary Catchment

Information Item Request

Date and Time of Next Meeting

TBD

Thank you for your time,

The End

