

Schedule B.1
of the
Administrative Memorandum

Meeting Date: June 19, 2018 **Board** **Board, in camera**

Topic (as per the Memorandum): **Five-Year Capital Plan 2019/2020 (for Approval)**

Narration:

Each year, boards of education are required to submit a Five-Year Capital Plan providing details on Major Capital Priorities needed for their school districts. In mid April 2018, the Ministry of Education issued Capital Plan Instructions, identifying the major capital funding programs, and requirements for the preparation and submission of the 2019/2020 Five-Year Capital Plan. The Ministry of Education requires school districts to adopt, and submit their Five-Year Capital Plans no later than June 30, 2018.

School districts are required to have a current Long Range Facilities Plan (LRFP) in place to support major capital priorities identified in their Five-Year Capital Plan submission. The LRFP is to incorporate consideration of demographic changes, enrolment patterns, residential developments planned in the community, facility condition, and capacity utilization.

Richard White, from Richard White Planning Advisory Services Ltd. was engaged to update the School District's LRFP for 2018. A draft of the LRFP was presented before the Capital Planning Committee on May 30, 2018 for review and feedback. Key findings of the LRFP were used to identify major capital funding priorities for the Draft 2019/20 Five-Year Capital Plan submission.

The Major Capital Funding Programs include the following:

- Seismic Mitigation Program (SMP)
- Expansion Program (EXP)
- Replacement Program (REP)
- Building Envelope Program (BEP)
- School Enhancement Program (SEP)
- Carbon Neutral Capital Program (CNCP)
- School Bus Replacement Program (BUS)
- Playground Equipment Program (PEP)

The Major Capital Funding Programs for SMP, EXP, REP and BEP require projects to be prioritized based over a five-year budget horizon. The SEP, CNCP, BUS and PEP are annual programs only require funds to be identified for a single budget year. The Ministry has expressed that submissions will be used to inform the selection of priority capital projects for the Ministry's 2019/20 fiscal year, and longer term capital planning.

Taking into account the LRFP as well as the Ministry's emphasis on facilities condition and seismic ratings, the Draft 2019/20 Five-Year Capital Plan identifies the following priorities in the tables below for each Category:

Seismic Mitigation Program (SMP)

The priority below is based on previous Ministry Seismic Assessments. Please note that an updated Project Development Report for Mountainside Secondary was submitted to the Ministry in early June of 2018 for review and further direction. The Argyle and Handsworth Seismic Replacement Projects are no longer included in the Five-Year Capital Plan submission as project funding agreements are now in place for both projects.

Project Priority	Facility Name	Project Code	Project Description	Year	Project Cost
1	Mountainside	SMP	H1 - Seismic Upgrade	1	\$ 23,640,448

School Expansion Projects (EXP)

Priorities based on Long Range Facilities Plan and enrolment projections.

Project Priority	Facility Name	Project Code	Project Description	Years	Project Cost
1	Cloverley Site	EXP	New 60K / 475 Capacity School	1 - 3	\$ 21,645,615
2	Carson Graham	EXP	Expand Capacity by 250	2 - 4	\$ 13,573,971
3	Lynn Valley	EXP	Expand Capacity by 100	2 - 4	\$ 4,360,382
4	Westview	EXP	Expand Capacity by 125	4 - 6	\$ 5,450,478
5	Queen Mary	EXP	Expand Capacity by 100	4 - 6	\$ 4,360,382
6	Highlands	EXP	Expand Capacity by 75	5 - 7	\$ 4,360,382

School Replacement Projects (REP)

Priorities based on a combination of facility condition with consideration to future enrolment pressures.

Project Priority	Facility Name	Project Code	Project Description	Years	Project Cost
1	Queensbury	REP	Replace existing school with new larger 60K / 400 Capacity School	2 - 4	\$ 20,693,171
2	Larson	REP	Replace existing school with new larger 60K / 475 Capacity School	2 - 4	\$ 22,625,802
3	Ross Road	REP	Replace existing school with new larger 60K / 475 Capacity School	2 - 4	\$ 22,459,455
4	Brooksbank	REP	Replace existing school with new larger 60K / 425 Capacity School	4 - 6	\$ 21,782,285
5	Seymour Height / Blueridge	REP	Replace existing schools with one new larger 60K / 475 Capacity School	6 - 9	TBD
6	Lynnmour	REP	Replace existing school with new larger 60K / 400 Capacity School	6 - 9	TBD

Building Envelope Program (BEP)

This funding is subject to schools identified through a risk assessment report facilitated by BC Housing. The Ministry has advised that only Dorothy Lynas Elementary was eligible for consideration under the program, and they have advised to carry a project budget of \$277,000.00. We have prioritized this item for the 2023/24 fiscal year.

School Enhancement Program (SEP)

Project call is for the 2019/20 year, and limited to five priorities. SEP projects are investments that will contribute to the safety and function of the school and will extend the life of the existing asset. Projects and priorities were identified with the use of the Ministry's Capital Asset Management System, consulting reports, and Facilities staff input.

Project Priority	Facility Name	Project Code	Project Description	Project Cost
1	Seymour Heights	SEP	Replace Gas Fired unit ventilation units which are at end of life with Hydronic ventilators	\$ 277,500
2	Upper Lynn	SEP	HVAC renewal and installation of classroom ventilation equipment	\$ 634,476
3	Capilano / Windsor	SEP	Gym Flooring renewal to address end of life replacement	\$ 333,000
4	Windsor	SEP	Lighting Retrofit of school including exist and emergency lighting	\$ 528,915
5	Sherwood Park	SEP	Replace North wing exterior envelope, windows and roof	\$ 444,000

Carbon Neutral Capital Program (CNCP)

Project call is for 2019/20 year only, and limited to three priorities. Projects must contribute to measurable emissions reductions, operational cost savings, align with VFA equipment renewal period and LRFP.

Project Priority	Facility Name	Project Code	Project Description	Project Cost
1	Capilano	CNCP	Replacement of one low efficiency boiler in each mechanical room with two individual high efficiency boilers, pumps and DDC controls	\$ 290,000
2	Cleveland	CNCP	Replacement of the existing low efficiency boilers, with 2 high efficiency boilers, pumps and DDC controls	\$ 190,000
3	Norgate	CNCP	Replacement of the existing low efficiency boilers, complementing the heating pump upgrade project completed in 2015	\$ 180,000

School Bus Replacement Program (BUS)

Funding Eligibility is based on, school bus age, mileage, safety and mechanical issues. Although no buses in the School District meet these requirements, we have been encouraged to apply for funding by the Ministry, and have included a request to replace an existing 10-year-old bus.

Playground Equipment Program (PEP)

The Ministry's funding eligibility is based on new or replacement playground equipment. Prioritization is given to schools that do not currently have playground equipment, and where students do not have easy access to nearby playground equipment. School Districts may submit three prioritized requests for consideration. Funding options are available for either standard playground equipment \$90,000, or universally accessible playground equipment \$105,000.

The requests below are prioritized based on requests from schools and Facilities staff assessment of existing equipment age and condition.

Project Priority	Facility Name	Number of Existing Playgrounds	Project Rational	Type of Equipment Request
1	Larson	2	Larson Elementary serves as a walkable hub for a diverse community bounded by several busy roads limiting access to other local amenities. The school has a 4 portables on site to meet enrollement needs and the two existing playgrounds are insufficient relative to the school population.	Universally Accessible Playground Equipment
2	Sherwood Park	2	Sherwood Park Elementary has a large, diverse and growing student population. The existing playground equipment does not fully support the current school population. The quantity and diversity of existing equipment limits availability and options for play.	Universally Accessible Playground Equipment
3	Braemar	2	Braemar Elementary's existing playground equipment does not fully support the current schools large population. Existing equipment lacks diversity, ground oriented options for play and resulting in cramped, non-inclusive play spaces.	Universally Accessible Playground Equipment

Five-Year Capital Plan Timelines

Capital Planning timelines for the coming year are provided in the table below.

Capital Planning Timelines	
June 19, 2018	Presentation at Public Board Meeting of DRAFT 2018/19 Five-Year Capital Plan priorities and timelines for Board consideration and adoption.
June 30, 2018	Due date for Boards of Education to submit 2019/20 Five-Year Capital Plan to Ministry complete with Board Resolution adopting the plan.
July 2018 – December 2018	Ministry reviews all capital plan submissions, and applies eligibility criteria to requested capital projects and provincially ranks eligible capital projects.
January 2019 – March 2019	<ul style="list-style-type: none">• Ministry develops and approves recommended project list for inclusion in the Ministry Capital Plan• Government approval granted for Ministry Capital Plan• Ministry issues Capital Plan Response Letters (as well as annual programs funding agreement) to school districts• School districts submit Board-adopted Capital Plan Bylaws to the Ministry

Jim Mackenzie and Michael Chapman from the Facilities and Planning Department will introduce and provide an overview the Capital Plan for the consideration of the Board of Education.

RECOMMENDED MOTION:

that the Board approve the Draft 2019/2020 Five-Year Capital Plan as presented in Schedule B.1. of June 19, 2018.