

## OPERATIONS & FACILITIES COMMITTEE MEETING

**January 14, 2020**  
**4:30 p.m.**  
**District Education Office**

## AGENDA

1. Call to Order
2. Acknowledgement of Indigenous Territory
3. Approval of the Agenda
4. Approval of the Minutes – October 8, 2019 ..... Page 1
5. Child Care Spaces ..... Page 4
6. Capital Plan ..... Page 27
7. Annual Facilities Grant Plant ..... Page 82
8. Boston Bar Elementary-Secondary Playground & Washroom Update
9. Installment of Menstrual Products Dispensers
10. Buses
11. Cameras
12. New snow removal equipment
13. Questions
14. Adjournment

**Next Meeting:** February 25, 2020  
4:30 p.m.  
District Education Office

**BOARD OF EDUCATION  
SCHOOL DISTRICT NO. 78 (FRASER-CASCADE)**

**DRAFT MINUTES OF THE OPERATIONS & FACILITIES COMMITTEE MEETING  
October 8, 2019**

**PRESENT:**

**Board Representatives:**

John Koopman	Trustee	Chair
Marilyn Warren	Trustee	Trustee
Linda Kerr	Trustee	Trustee

**Committee Representatives:**

Lynne Marvell	President	FCTA
---------------	-----------	------

**District Staff:**

Karen Nelson	Superintendent
Natalie Lowe	Secretary-Treasurer
Kevin Bird	Assistant Superintendent
Doug Templeton	Director of Facilities & Transportation
Karl Koslowsky	Vice Principal FCPVPA
Brad Bourel	Maintenance
Gord Kearns	CMAWBC
Laurie Bjorge	Recording Secretary

**Regrets:**

Wendy Clark	Parent Rep	
Leanne Bowcott	AEC	
Peter Flynn	Vice Principal	FCPVPA
Franco Linza	President	CMAWBC
Diana Savoie	AEC	

**1. Call to Order**

The meeting was called to order by Natalie Lowe, Secretary-Treasurer, at 4:30 p.m. in the boardroom of the District Education Office.

**2. Election of Chair**

Trustee Kerr nominated Trustee Koopman; no further nominations. Trustee Koopman announced as Chair of the Operations and Facilities Committee by acclamation.

**CARRIED**

**3. Approval of Agenda**

**KOSLOWSKY/KERR**

THAT the agenda of the Operations and Facilities Committee meeting for October 8, 2019, be approved.

**CARRIED**

**4. Approval of Previous Minutes – May 14, 2019****KOSLOWSKY/MARVELL**

THAT the minutes of the Operations and Facilities Committee meeting held on May 14, 2019 be approved.

**CARRIED**

**5. Meeting Dates**

The committee reviewed meeting dates for the school year.

**6. Capital Plan**

The Director of Facilities & Transportation presented the Capital Plan which was approved by the Board in August. The requests for Agassiz Elementary-Secondary and Harrison Hot Springs Elementary schools have been submitted for replacement. It's not anticipated this will happen soon, however, the district wanted them included on the plan in the case the opportunity arises. There are ongoing discussions with Ministry regarding bundling the seismic upgrading requests and school replacements as there no need to do seismic upgrading to a school that's going to be replaced. There are three seismic upgrading requests; Agassiz Elementary-Secondary School, Harrison Hot Springs Elementary School and the gymnasium at Kent Elementary School.

New projects under the School Enhancement Project category are the boiler upgrades at Hope Secondary School, and high efficiency boilers at Silver Creek Elementary and Coquihalla Elementary School. Other projects that have been requested; new roofing for Silver Creek Elementary and a new dust collector system at Agassiz Elementary Secondary.

Three new buses are required; one has already been received and the other two are on their way.

Playground funding for Harrison Hot Springs Elementary, Coquihalla Elementary, and Silver Creek Elementary has been requested. The Secretary-Treasurer reported that she has received positive feedback from the community regarding the installation of the outdoor playspace at Hope Secondary School. This area is a well utilized and safe environment.

**7. Annual Facilities Grant Plan**

The Director of Facilities & Transportation reported that there is one year left of the five year AFG plan, and is happy to report that approximately 95% of the projects have been completed. As well, what the schools had requested have all been accomodated.

The parking lot at the district office had to be partially filled and repaved. When it was initially done, the company at the time had paved over buried stumps and trees so over time areas in the parking lot sank.

**8. Boston Bar Elementary Secondary Playground & Washroom**

The district received funding for playground installation just over a year ago. The equipment came in May. Maintenance staff assisted with the install. The building of a public washroom requested by the board has been completed. SEP funds were used to install HVAC in the school. Also a well was drilled for irrigation purposes. The municipal system in Boston Bar isn't capable of providing fire protection. A plan is in place to repurpose the old fire suppression system from Agassiz Elementary Secondary and install it in BBES.

**9. Security for ADST Trailer**

Karl Koslowsky reported the ADST trailer at Hope Secondary had been broken into and approximately \$30,000-\$50,000 worth of equipment had been stolen. He is working with school to better protect the area, installing a proper locking system, and working on replacing items. There was another attempted break in soon afterwards. The RCMP indicated there is increased activity in town. The ADST trailer is used to move around program's equipment. The committee discussed anti-theft measures.

**10. Bus Tour**

The Director of Maintenance & Transportation discussed new board policy that all new school buses are to be equipped with seatbelts. Processes are being worked out as to how monitoring will be done and who will be responsible for ensuring they are used. Transport Canada does not legislate seat belts for buses. The district is currently searching out clarification from ICBC and School Protection.

**11. Questions**

Trustee Kerr thanked the district team for all their hard work.

**Next Meeting**

**Date:** December 10, 2019

**Location:** District Education Office

**Adjournment**

**KERR/**

THAT the meeting be adjourned.

**CARRIED**

The meeting adjourned at 5:48p.m.



## Building Child Care with the New Spaces Fund

September 19, 2019



BRITISH  
COLUMBIA

A NEW  
DAY FOR  
FAMILIES

CHILDCARE BC



## FACTSHEET

For Immediate Release  
NEWS-18430  
July 31, 2019

Ministry of Children and Family Development

### Support for B.C. families and early childhood educators

VICTORIA – In February 2018, the B.C. government announced a three-year \$1-billion investment through the Childcare BC plan – the most significant child care investment in B.C.'s history.

That investment continues through Budget 2019, with \$1.3 billion going toward the child care plan over the next three years. Childcare BC has three key pillars: affordability, accessibility and quality: [www.gov.bc.ca/childcare](http://www.gov.bc.ca/childcare)

### Affordability

Child Care Fee Reduction Initiative: Introduced in April 2018, the Child Care Fee Reduction



A NEW  
DAY FOR  
FAMILIES  
CHILDCARE BC

# Childcare BC New Spaces Fund



Ministry of  
Children and Family  
Development



BRITISH  
COLUMBIA

A NEW  
DAY FOR  
FAMILIES  
CHILD CARE BC

Applicant Type	Organization Contribution	Provincial Contribution	Maximum Provincial Funding Amount	Funding Award Commitment
Public sector organizations and Indigenous Governments	0%	100%	Up to \$3,000,000	Up to 15 years
Indigenous Non-Profit Societies	0%	100%	Up to \$1,500,000	Up to 15 years
Non-Profit Societies	10%	90%	Up to \$1,500,000	Up to 15 years
Businesses and Corporate Companies	25%	75%	Up to \$250,000	Up to 10 years



BRITISH  
COLUMBIA

A NEW  
DAY FOR  
FAMILIES  
CHILDCARE BC



# Port Alberni Friendship Center

- Received \$491,595
- 50 child care spaces created for ages 0-12 years



BRITISH  
COLUMBIA

A NEW  
DAY FOR  
FAMILIES  
CHILDCARE BC

# School District 60 - Peace River North

- Created 37 spaces at the Margaret Ma Murray Community School in Fort St. John
  - 12 Infant/Toddler
  - 25 three years to Kindergarten
- Opened August 1, 2018
- \$500,000: MCFD's Major Capital Funding Program (December 2017)
- \$1.8 million: BC Hydro
- Operated by the YMCA of Northern BC



BRITISH  
COLUMBIA

A NEW  
DAY FOR  
FAMILIES  
CHILDCARE BC

# School District 19 - Revelstoke

- Renovated two Kindergarten classrooms in a former elementary school to create a child care centre for Infant/Toddlers and 3-5 year-olds
- Neighbourhood Learning Centre at new elementary school includes an early learning hub



BRITISH  
COLUMBIA

A NEW  
DAY FOR  
FAMILIES  
CHILDCARE BC



## School District 20 – Kootenay Columbia

- Created 12 Infant/Toddler spaces
- Community Hub includes StrongStart, 3-5 year-old care, preschool, out-of-school care and youth programs in a shared former elementary school



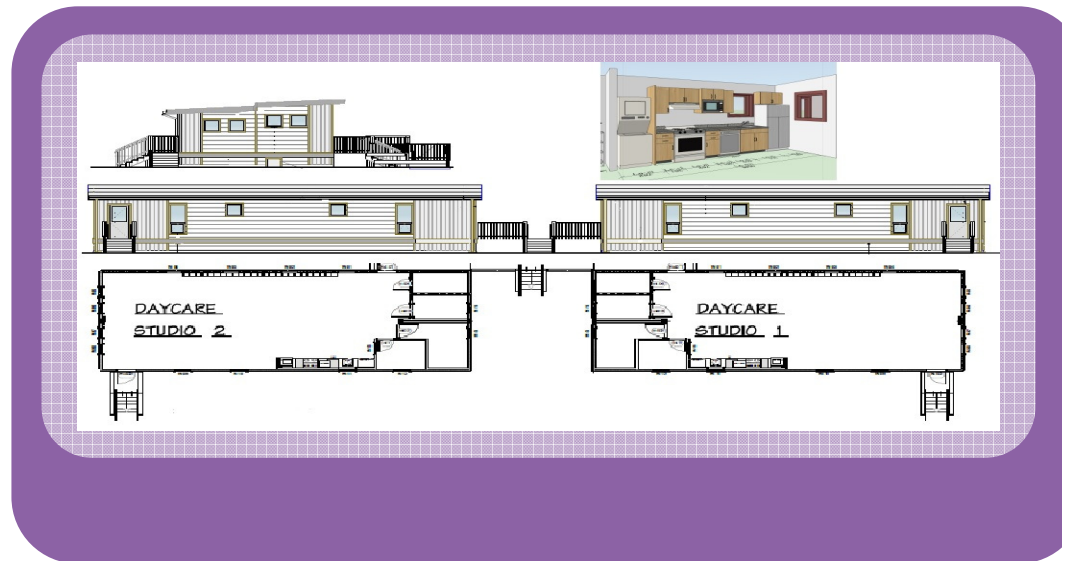
BRITISH  
COLUMBIA

A NEW  
DAY FOR  
FAMILIES  
CHILDCARE BC



# School District 61 - Greater Victoria

- In-house capital team to build modulators for both classroom and child care usage
- Initial six child care projects approved this year to be built with provincial funding
- 12 more planned in the next 2 years



BRITISH  
COLUMBIA

A NEW  
DAY FOR  
FAMILIES  
CHILDCARE BC

# Burnaby Memorandum of Understanding

## City of Burnaby and School District 41



- Creating 12 child care centres on school land
- Two projects are in progress with \$2,099,455 from City of Burnaby
- \$2M from New Spaces Fund
- School District contributes the land, City manages the capital costs and project, Province provides capital funds, and non-profit operates the child care



BRITISH  
COLUMBIA

A NEW  
DAY FOR  
FAMILIES  
CHILDCARE BC

# District of Tofino

- 18 full-time child care spaces for children from 30 months to 5 years of age
- 6 out-of-school care spaces
- Serving 37 working parent families in Tofino
- 3 full-time Early Childhood Educator employment positions, and one part-time position





## Cowichan Valley Regional District

- Shawnigan Lake Community Centre operating child care for 23 years
- 78 out-of-school care spaces
- 16 preschool spaces – 2 full classes serving 32 families
- 8 spaces for full-day care for ages 3-5 years
- Gymnasium and CVRD parks green space and pavilion
- Two 24 passenger buses



BRITISH  
COLUMBIA

A NEW  
DAY FOR  
FAMILIES  
CHILDCARE BC



# School District 42 (Maple Ridge-Pitt Meadows)

- Creating 308 spaces on school grounds at 8 schools
- \$2,934,575 in Provincial capital funding
- Each facility will include 20 preschool and 24 out-of-school care spaces
- One Neighbourhood Learning Centre with an early years wing
- Seven fully serviced portables on school grounds to open August 2019



BRITISH  
COLUMBIA

A NEW  
DAY FOR  
FAMILIES  
CHILDCARE BC

# District of Oak Bay and School District 61 (Greater Victoria)

- 25 full-time child care spaces for 3-5 year olds
- 16 preschool spaces for ages 3-4 years
- 178 out-of-school care spaces for two nearby elementary schools



BRITISH  
COLUMBIA

A NEW  
DAY FOR  
FAMILIES  
CHILDCARE BC

# Applying

- Building partnerships and deciding on an applicant
- Capital building experience and experience providing child care
- Include attachments
- Priority Areas (Section 6.1)
- Staffing Plan
- Total project cost vs total child care build cost
- Funding Guidelines – pages 14 and 15 – Supporting Documentation



BRITISH  
COLUMBIA

A NEW  
DAY FOR  
FAMILIES  
CHILDCARE BC

# Top Topics

- No deadline for applications
- Renovations, modulars/prefabricated, new builds
- School District property
- Public sector applicants and the commitment period
- Relocation and expansion
- Eligible costs of note
- Section 6.1: Priority Areas



BRITISH  
COLUMBIA

A NEW  
DAY FOR  
FAMILIES  
CHILDCARE BC

# Large and Multi-Project Funding Stream

- For projects larger in scope that will exceed the funding maximum
- For applicants planning multiple child care builds
- 100% provincial funding program
- Competitive RFP will be open for six weeks in fall 2019
- Successful applicants will receive funding in January 2020



BRITISH  
COLUMBIA

A NEW  
DAY FOR  
FAMILIES  
CHILDCARE BC

## Next Steps

Contact me!

**Devon Carter**

**Senior Manager of Partnerships and Engagement**

**(778) 698-1689**

**[Devon.Carter@gov.bc.ca](mailto:Devon.Carter@gov.bc.ca)**



BRITISH  
COLUMBIA

A NEW  
DAY FOR  
FAMILIES  
CHILDCARE BC

---

## FACTSHEET

For Immediate Release

Ministry of Children and Family Development

NEWS-18430

July 31, 2019

### **Support for B.C. families and early childhood educators**

VICTORIA – In February 2018, the B.C. government announced a three-year \$1-billion investment through the Childcare BC plan – the most significant child care investment in B.C.'s history.

That investment continues through Budget 2019, with \$1.3 billion going toward the child care plan over the next three years. Childcare BC has three key pillars: affordability, accessibility and quality: [www.gov.bc.ca/childcare](http://www.gov.bc.ca/childcare)

#### **Affordability**

**Child Care Fee Reduction Initiative:** Introduced in April 2018, the Child Care Fee Reduction Initiative helps lower the cost of child care for parents at approved licensed child care facilities by up to \$350 a month per child. As of July 2019, more than 54,500 child care spaces are approved for a reduction, with parents saving almost \$125 million since the program was launched in April 2018. Providers who have been approved for the initiative are listed online: [www.gov.bc.ca/childcare/optin](http://www.gov.bc.ca/childcare/optin)

**Affordable Child Care Benefit (ACCB):** Introduced in September 2018, the Affordable Child Care Benefit saves eligible parents up to \$1,250 a month per child. Families earning up to \$111,000 may be eligible for savings, and the benefit will support around 80,000 B.C. families. As of July 2019, more than 37,000 families are receiving some level of support through the benefit, helping to put more than \$135 million back into parents' pockets since September 2018: [www.gov.bc.ca/affordablechildcarebenefit](http://www.gov.bc.ca/affordablechildcarebenefit)

Taken together, the Child Care Fee Reduction Initiative and Affordable Child Care Benefit are already making a significant difference for B.C. parents.

Since September 2018, more than 17,500 children have accessed child care for no more than \$10 a day at a facility, thanks to savings through these initiatives – and that does not include approximately 2,900 who are receiving care in \$10-a-day prototype sites, which brings the total up to more than 20,600 children. This includes almost 8,300 children whose parents have paid nothing at all for child care.

**Universal Child Care Prototype Sites:** Under the Early Learning and Child Care agreement with the Government of Canada, the B.C. government is investing \$60 million to create Universal Child Care Prototype Sites throughout B.C. Launched in fall 2018, this project has converted approximately 2,500 child care spaces at 53 child care facilities around B.C. into low-cost spaces to model child care at a cost of \$200 a month, or less, per child: [www.gov.bc.ca/childcareprototypesites](http://www.gov.bc.ca/childcareprototypesites)

## Accessibility

Childcare BC New Spaces Fund: Launched in July 2018, the Childcare BC New Spaces Fund helps improve access to child care throughout the province by supporting the creation of 22,000 new licensed spaces over the next three years: [www.gov.bc.ca/childcare/newspacesfund](http://www.gov.bc.ca/childcare/newspacesfund)

Start-Up Grants: In June 2018, the B.C. government launched the Start-Up Grant program, which supports individuals and unlicensed child care providers to become licensed. Applicants can apply for funding to help them cover the costs of becoming licensed, including training and application fees for licensing, hiring replacement staff while taking a course and buying equipment for a child care facility. Becoming licensed allows providers to care for more children and will help to enhance the quality of child care around British Columbia: [www.gov.bc.ca/childcare/startupgrants](http://www.gov.bc.ca/childcare/startupgrants)

More than 9,000 new licensed child care spaces have already been approved for funding across Childcare BC's space creation initiatives.

Childcare BC Maintenance Fund: Introduced in June 2018, the Childcare BC Maintenance Fund helps eligible child care providers to maintain existing spaces by providing funding to help them with minor repairs or to replace equipment in order to meet licensing standards. The fund also helps cover relocation costs for eligible providers, so they can quickly move their operations if needed, and continue to support B.C. children and their families. In 2018-19, the ministry approved more than 700 applications for funding: [www.gov.bc.ca/ccmaintenancefund](http://www.gov.bc.ca/ccmaintenancefund)

UBCM Partnerships: The Province is working with the Union of British Columbia Municipalities (UBCM) on two initiatives that support local government and municipalities to plan for and create new child care spaces and make effective use of publicly available assets and lands. The first partnership is the Community Child Care Space Creation Program, funded through a \$13.7-million investment from the Early Learning and Child Care agreement with Government of Canada. This program will provide up to \$1 million for local governments who are working with partners to create new child care spaces in their community.

The second partnership, funded through a \$3-million provincial investment, will deliver Community Child Care Planning Grants to help communities assess and plan for the creation of new child care spaces that meet the needs of local families. More than 70 communities throughout the province are receiving up to \$25,000 to undertake this work over the coming months: [www.ubcm.ca](http://www.ubcm.ca)

## Quality

A key goal under Childcare BC is to improve the quality of B.C.'s child care system through enhanced supports for early childhood educators (ECEs) and other child care professionals. Quality will be achieved by enhancing training and development opportunities, as well as addressing the issue of wages and recruitment in the sector.

Early Care and Learning Recruitment and Retention Strategy: Early childhood educators are an essential part of the Province's goal to deliver quality child care to B.C. families. To this end, Childcare BC is delivering essential investments to better support ECEs over the first three years of its 10-year plan. On Sept. 5, 2018, the Province launched an Early Care and Learning Recruitment and Retention Strategy that lays out key aspects of the quality pillar of Childcare



BC: [www.gov.bc.ca/childcare/ecestrategy](http://www.gov.bc.ca/childcare/ecestrategy)

ECE Wage Enhancement: Starting in early 2019, ECEs working in licensed child care facilities are eligible for a wage enhancement of \$1 per hour. This will be followed by another \$1-per-hour increase in April 2020. To date, the ministry has provided approximately \$10.8 million to help child care providers deliver a wage lift to more than 9,800 ECEs.

ECE Education Support Fund: The Ministry of Children and Family Development, in partnership with Early Childhood Educators of BC, provides a bursary of up to \$4,000 for students who are enrolled in early childhood educational programs at one of 32 approved post-secondary institutions in B.C. The Early Care and Learning Strategy includes a \$11.9-million expansion of this bursary, with support from ELCC. The fall 2018 semester saw ECEBC providing approximately \$2 million to support just under 1,100 applicants:

[www.ecebc.ca/programs/student\\_bursary.html](http://www.ecebc.ca/programs/student_bursary.html)

Professional Development Funding: In March 2019, the Ministry of Children and Family Development announced a \$6.3-million investment through ELCC to improve access to professional development opportunities for early care and learning professionals. Six organizations will use this funding to expand and improve the availability of courses and tools, provide bursaries to access programming and improve access for Indigenous child care professionals.

Post-secondary seat expansion: In order to increase training and development opportunities for ECEs throughout the province, the Ministry of Advanced Education, Skills and Training is investing \$7.4 million over three years to fund an additional 620 early childhood educator graduates at B.C.'s public post-secondary institutions.

### **Early Learning and Child Care (ELCC) Agreement**

Investments under Childcare BC are complemented by the B.C. government's three-year, \$153-million ELCC agreement with the Government of Canada, which was signed in February 2018. The following outlines ELCC investments in addition to the \$16.3 million for quality child care, the \$60 million for Childcare BC Universal Prototype Sites, and the \$13.7 million for new spaces through UBCM.

Aboriginal Head Start: The B.C. government is investing \$30 million to expand Aboriginal Head Start programs around the province, with over 30 communities benefiting from more than 600 new licensed child care and early learning spaces. These programs provide culturally based, inclusive child care and early learning, family bonding and prevention services, with services available to families at no cost.

Aboriginal Head Start on Reserve: [www.fnha.ca/what-we-do/maternal-child-and-family-health/aboriginal-head-start-on-reserve](http://www.fnha.ca/what-we-do/maternal-child-and-family-health/aboriginal-head-start-on-reserve)

Aboriginal Head Start in urban communities: [www.ahsabc.com](http://www.ahsabc.com)

Young Parent Program: In May 2018, the B.C. government announced an additional \$3 million over the next three years – on top of its annual funding of \$1.6 million – to boost the monthly funding amount available to eligible young parents to up to \$1,500 a month per child. The increase in funding is helping to serve the child care needs of approximately 220 young-parent families per year: <https://news.gov.bc.ca/17176>

Supported Child Development: Under ELCC, the Province is investing \$30 million over three years to make child care more inclusive. This funding will mean that 1,000 more children have access to Supported Child Development and Aboriginal Supported Child Development programming: <https://news.gov.bc.ca/18343>

**Contact:**

Government Communications and Public  
Engagement  
Ministry of Children and Family Development  
250 356-2028

---

Connect with the Province of B.C. at: [news.gov.bc.ca/connect](https://news.gov.bc.ca/connect)

## CHILDCARE BC NEW SPACES FUND

# CREATING LICENSED CHILD CARE SPACES THROUGHOUT BRITISH COLUMBIA



A NEW  
DAY FOR  
FAMILIES  
CHILDCARE BC



*As part of the Province's \$1.3-billion investment in child care, the Childcare BC New Spaces Fund (formerly major capital funding) is investing \$221 million to support the creation of up to 22,000 new licensed child care spaces over the next three years. The Childcare BC New Spaces Fund program prioritizes building sustainable child care spaces in the public sector as a foundation for universal child care in B.C.*

### WHO CAN APPLY?

- » Public sector organizations, including local governments, school boards, health authorities and public post-secondary institutions
- » Indigenous Governments
- » Non-profit societies, including non-profit child care providers, Child Development Centres, and Indigenous non-profit societies
- » Businesses and incorporated companies

### HOW MUCH FUNDING IS AVAILABLE?

Per project, eligible applicants can receive up to:

- » **\$3 million for up to 100% of project costs** for public sector organizations and Indigenous Governments.
- » **\$1.5 million for up to 100% of project costs** for Indigenous non-profit societies.
- » **\$1.5 million for up to 90% of project costs** for non-profit societies, including non-profit child care providers and Child Development Centres.
- » **\$250,000 for up to 75% of project costs** for child care providers that are businesses or incorporated companies.

### PROGRAM HIGHLIGHTS

- » Leverages existing facilities — on school grounds, at recreation centres and other public places — to help make life easier for families.
- » Prioritizes communities with the greatest need, Infant/Toddler spaces, spaces that serve vulnerable and underserved populations, and facilities operating outside of core business hours.
- » Improves child care affordability by requiring successful applicants to apply for Child Care Operating Funding and enrol in the Child Care Fee Reduction Initiative, where eligible.

### HOW TO APPLY

The Childcare BC New Spaces Fund accepts applications continuously, with no fixed deadlines.

To learn more and apply for funding, call **1 888 338-6622** or visit [www.gov.bc.ca/childcare/newspacesfund](http://www.gov.bc.ca/childcare/newspacesfund).

### LEARN MORE ABOUT CHILDCARE BC

Government is also working to improve child care affordability for families and support early childhood educators. Learn more at [www.gov.bc.ca/childcare](http://www.gov.bc.ca/childcare).

**Additions, New Schools, Site Acquisitions, Seismic, Replacements, Building Demolitions,  
Building Envelope Program  
2020/21 Call for Projects - Instructions**

**INTRODUCTION**

This guide will assist school districts and their consultants with the preparation of major capital project proposals for the 2020/21 Call for Projects.

The Ministry will only consider funding support for major capital projects that have all necessary supporting documentation available for review.

Columns that are filled in grey have calculated cells that cannot be entered manually.

**All other columns must be filled in completely.**

The completed spreadsheet must be emailed by **June 30, 2019** to the attention of Damien Crowell, Planning Officer, at:

[Damien Crowell – Damien.Crowell@gov.bc.ca](mailto:Damien.Crowell@gov.bc.ca)

Please contact your Regional Director or Planning Officer as per the [Capital Management Branch contact list](#) to discuss your major capital projects if you have any questions.

School districts are responsible for verifying all information provided to the Ministry of Education (EDUC).

**COMPLETING THE CAPITAL PROJECT INTAKE SPREADSHEET**

HEADINGS	INSTRUCTIONS
<b>GENERAL INFORMATION</b>	
<b>Submission Date</b>	Provide the date when the Capital Project Intake Spreadsheet and all required supporting documentation was submitted to the Ministry.
<b>Primary Contact</b>	Provide the <b>name, phone</b> and <b>email</b> of the school district contact for the given project types. <i>Note: a different contact may be provided for the various major capital project tabs.</i>
<b>Long-Range Facility Plan Date</b>	Provide the dates when the current Long-Range Facilities Plan was completed; and updated, if applicable.
<b>TABLE INFORMATION</b>	
<b>SD #</b>	Enter school district number.
<b>SD Name</b>	District name will autopopulate based on school district number provided.
<b>GENERAL PROJECT INFORMATION</b>	
<b>Project Priority</b>	Provide the priority ranking of all requested projects included within each of the major capital project categories.
<b>Ministry Facility Code</b>	Provide the 8 digit Ministry Facility Code found in VFA Facility database. Click on 'Assets' tab in the blue navigation menu located at the top of the VFA Facility home page. Ministry Facility Code can be found under 'Facilities' detail in the database hierarchy.  e.g. <input type="text" value="Identifier - Ministry Facility Code 3434225"/>
<b>Facility Name/Project Name</b>	Provide the name of the existing facility for which a capital project is requested; where no facility exists, provide an identifying name for the requested capital project.
<b>Facility Type</b>	Indicate the type of facility from the drop down. If 'Other', please describe in the 'Comments' column
<b>Project Description</b>	Provide details of the proposed project. Please include grade configuration and capacity details where pertinent.
<b>Site Requirement</b>	Select 'Yes' if a site acquisition is required for a new school or an addition to an existing school; otherwise, select 'No'.
<b>Previously supported by EDUC</b>	Select 'Yes' if the Ministry has already supported development of a business case for the project from a previous capital plan submission and no further project information is required; otherwise, select 'No'.
<b>Change in Nominal Capacity</b>	Provide the change in nominal capacity that will result from the major capital project.
<b>Change in Operating Capacity</b>	Provide the operating capacity increase the project will add in accordance with the Area Standards.
<b>Seismic Risk Rating</b>	Select the seismic risk rating of the facility submitted for funding. <ul style="list-style-type: none"> <li>• H1 for High 1</li> <li>• H2 for High 2</li> <li>• H3 for High 3</li> </ul>
<b>Property Ownership</b>	Indicate whether a property is the subject of a Crown grant or was originally purchased by the board of education.
<b>FACILITY SPECIFIC INFORMATION</b>	
<b>Current Nominal Capacity</b>	Provide the total nominal capacity of the facility and its surrounding schools.
<b>Current Operating Capacity</b>	Provide the total 2018/19 headcount enrolment of the facility and its surrounding schools.
<b>Current Enrolment</b>	Provide the projected total 2022/23 headcount enrolment of the facility and its surrounding schools.
<b>Enrolment as at 2022/23</b>	Provide the projected total 2028/29 headcount enrolment of the facility and its surrounding schools.
<b>Enrolment as at 2028/29</b>	Provide any additional context regarding the surrounding schools.
<b>SURROUNDING SCHOOLS ANALYSIS</b>	
<b>Operating Capacity: Current Total - Surrounding Schools</b>	Provide the total operating capacity of the surrounding schools, including the facility at hand.
<b>Current Enrolment</b>	Provide the 2018/19 headcount enrolment of the surrounding schools, including the facility at hand.
<b>Surrounding Schools 2022/23 Projection</b>	Provide the 2022/23 headcount enrolment of the surrounding schools, including the facility at hand.
<b>Surrounding Schools 2028/29 Projection</b>	Provide the 2028/29 headcount enrolment of the surrounding schools, including the facility at hand.
<b>Surrounding Schools Comments</b>	Provide any additional context regarding the surrounding schools.
<b>ESTIMATED YEARLY CAPITAL EXPENDITURES</b>	
<b>2020/21</b>	Provide an estimate spend for the 2020/21 fiscal (Apr 2020 to Mar 2021) - Year 1 of the Five-Year Capital Plan.
<b>2021/22</b>	Provide an estimate spend for this fiscal year (Apr 2021 to Mar 2022) - Year 2 of the Five-Year Capital Plan.
<b>2022/23</b>	Provide an estimate spend for this fiscal year (Apr 2022 to Mar 2023) - Year 3 of the Five-Year Capital Plan.
<b>2023/24</b>	Provide an estimate spend for this fiscal year (Apr 2023 to Mar 2024) - Year 4 of the Five-Year Capital Plan.
<b>2024/25</b>	Provide an estimate spend for this fiscal year (Apr 2024 to Mar 2025) - Year 5 of the Five-Year Capital Plan.
<b>RURAL COMMUNITY INFORMATION</b>	
<b>Community Name</b>	Provide the name of the community in which the facility is located.
<b>Population</b>	Provide the population of the community in which the facility is located. Please note, only communities or sub-communities with a population of under 15,000 is eligible for demolition funding through the Rural District Program.
<b>OTHER INFORMATION</b>	
<b>PRFS (or SPIR) Provided?</b>	Select 'Yes' if a Project Request Fact Sheet (PRFS) or Seismic Project Identification Report (SPIR) has been submitted to the Ministry; otherwise, select 'No'.
<b>Additional Comments</b>	Provide any additional context regarding the requested project that may not already have been captured.
<b>Program Name</b>	Calculated value, used for summary table

END

2020/21 CALL FOR PROPOSALS  
CAPITAL MANAGEMENT BRANCH

Submission Date (yyyy-mm-dd)

NAME	PHONE	EMAIL
------	-------	-------

PRIMARY CONTACT

LAST UPDATED (MM-YY)

LONG RANGE FACILITY PLAN

[illegible]

## CAPITAL MANAGEMENT BRANCH

Submission Date (yyyy-mm-dd)

NAME			PHONE	EMAIL
CT				
LAST UPDATED (MM-YY)				
N				

LONG RANGE FACILITY PLAN

[illegible]

## CAPITAL MANAGEMENT BRANCH

Submission Date (yyyy-mm-dd)	28-Jun-2019
------------------------------	-------------

	NAME	PHONE	EMAIL
PRIMARY CONTACT	Natalie Lowe	604-869-2411	naf

LONG RANGE FACILITY PLAN

LAST UPDATED (MM-YY)

[illegible]

Submission Date (yyyy-mm-dd) 28-Jun-2019

PRIMARY CONTACT	Natalie Lowe	604-869-2411	natalie.lowe@sd78.bc.ca
-----------------	--------------	--------------	-------------------------

LONG RANGE FACILITY PLAN	LAST UPDATED (MM-YY) Nov-2016
--------------------------	----------------------------------

31



## 2020/21 CALL FOR PROJECTS - SCHOOL REPLACEMENT

## CAPITAL MANAGEMENT BRANCH

Submission Date (yyyy-mm-dd)	28-Jun-2019
------------------------------	-------------

NAME	PHONE	EMAIL
Natalie Lowe	604-869-2411	

**PRIMARY CONTACT**

LAST UPDATED (MM-YY)  
Nov-2016

LONG RANGE FACILITY PLAN

[illegible]



Ministry of  
Education

## 2020/21 CALL FOR PROJECTS - SCHOOL DEMOLITION REQUEST

CAPITAL MANAGEMENT BRANCH

Submission Date (yyyy-mm-dd)

PRIMARY CONTACT

NAME	PHONE	EMAIL
<input type="text"/>	<input type="text"/>	<input type="text"/>

LONG RANGE FACILITY PLAN

LAST UPDATED (MM-YY)
<input type="text"/>

GENERAL PROJECT INFORMATION								RURAL COMMUNITY INFO		Estimated Cost	Comments	Program Name
SD #	SD Name	Project Priority	Ministry Facility Code	Facility Name	Facility Type	Project Description	Property Ownership	Community Name	Population			
99	Example District	1	99997890	Example West Middle	Middle-Sec	Demolish derelict building	Subject of a Crown Land Grant	Example River	12,453	\$ 1,000,000		Demolition
												Demolition
												Demolition
												Demolition
												Demolition
												Demolition
												Demolition
												Demolition
												Demolition
												Demolition



## 2020/21 CALL FOR PROJECTS - BUILDING ENVELOPE PROGRAM (BEP) REQUESTS

CAPITAL MANAGEMENT BRANCH

Submission Date (yyyy-mm-dd)

PRIMARY CONTACT

NAME	PHONE	EMAIL

[illegible]

**School Enhancement Program (SEP)  
2020/21 Call for Projects - Instructions**

**INTRODUCTION**

This guide has been written to assist school districts and their consultants with the preparation of project proposals for the School Enhancement Program (SEP) 2020/21 Call for Projects.

SEP projects that will be considered for capital funding include:

1. Standalone projects that can be completed by March 31, 2021.
2. Multi-phased projects, where Phase 1 covers the purchase of project materials in 2020/21 and Phase 2 covers installation costs to be completed in 2021/22, and so on.
3. Projects valued between \$100,000 and \$2,000,000, with one project valued at approximately \$500,000.

**NOTE - A maximum of five (5) separate project proposals will be considered from each school district.**

Columns that are gray filled are calculated and should not be entered manually. **All other columns should be filled.**

The completed spreadsheet must be emailed by **June 30, 2019** to Damien Crowell, Planning Officer, at:

[Damien Crowell – Damien.Crowell@gov.bc.ca](mailto:Damien.Crowell@gov.bc.ca)

School districts are responsible for verifying all information provided to the Ministry of Education (EDUC).

**VFA REQUIREMENTS REPORT AND CONSULTANT REPORTS**

Consultant reports are not required to be submitted, but may be requested at a later date.

Submit only the page in the VFA Requirements Report that directly addresses the proposed project.

**COMPLETING THE PROJECT PROPOSAL INTAKE SPREADSHEET**

HEADINGS	INSTRUCTIONS
<b>SUBMISSION DATE</b>	
Submission Date	Date when the project proposal and supporting documentation were submitted to the Ministry.
<b>PRIMARY CONTACT</b>	
Primary Contact	Provide the <b>name, phone</b> and <b>email</b> of the primary school district contact regarding project requests.
<b>SCHOOL DISTRICT INFORMATION</b>	
SD No.	Select the school district number.
SD Name	SD Name will populate automatically when the SD No. is selected.
<b>PROJECT IDENTIFICATION</b>	
Ministry Facility Code	Provide the 8 digit Ministry Facility Code found in VFA Facility database. Click on 'Assets' tab in the blue navigation menu located at the top of the VFA.Facility home page. Ministry Facility Code can be found under 'Facilities' detail in the database hierarchy. e.g. Identifier - Ministry Facility Code 3434225
Facility Name	Indicate the name of the facility including school type (i.e. Elementary, Middle or Secondary).
Project Priority	Prioritize your project proposal starting with No. 1 as the highest need.
Is this a Grouped Project	Indicated whether the project is grouped. Refer to Capital Plan Instruction under School Enhancement Program (SEP) section for grouped project definition.
Group Project Identifier	For smaller projects that are grouped to form a single project proposal, select and apply a single letter-identifier to each project included in the bundle. Input "N/A" if this section is not applicable.
Community	Input the municipality in which the facility is located.
Project Type	Select the primary nature of the project.
Project Description	Provide details of the proposed project, including components being installed.
Other Comments	If required, provide more details of the proposed project in the comment section. Input "N/A" if none.
Project Benefits	Describe how the proposed project will benefit students and staff, and generate operational cost savings, and improve overall facility condition. Information provided shall be brief in nature.
Primary Driver	Select the main reason behind the project.
Prior Funding from Previous SEP (YES/NO)	Indicate 'YES' or 'NO' whether the project has been supported to receive capital funding from previous SEP years.
Current Annual Operational/Maintenance Costs (\$)	Provide the actual operational/maintenance costs per year of the building component.
Estimated Annual Operational/Maintenance Costs (\$)	Provide the estimated operational/maintenance costs per year, whether it is operational, maintenance, or energy savings.
Estimated Annual Savings (\$)	Estimated cost savings per year, whether it is operational, maintenance, or energy savings will be calculated using pre-populated formula.
Savings Rationale	Provide details of the actual operational/maintenance cost (e.g., roof leak repairs, energy cost).
<b>PROJECT SCHEDULE</b>	
Start Date	Indicate the date when the proposed project could begin construction (e.g., Dec-2019).
End Date	Indicate the date when the proposed project would be completed (e.g., May-2020).
Current Project Phase	Select the current phase of the project.
<b>PROJECT COST</b>	
School Enhancement Funding	Indicate amount of SEP funding requested for the proposed project.
SD Contribution	Indicate the total amount of funding the school district will commit towards the proposed project.
Third Party Contribution	Indicate the total amount of funding that will be committed from third party sources.
Total Project Cost	Calculated field indicating the total amount of funding committed from all sources.
<b>SUPPLEMENTAL INFORMATION</b>	
Annual Fuel Usage Reduction (GJ)	Indicate the estimated reduction in fuel consumption per year, in gigajoules. <b>Only for Energy, Electrical and some Mechanical upgrades</b> (all other types will gray out the field). Examples of Mechanical Upgrades that should enter a fuel consumption include (but not limited to) boilers, HVAC, air handlers, heat pumps and natural gas consuming units.
Annual Electricity Usage Reduction (kWh)	Indicate the estimated reduction in electricity consumption per year, in kilowatt hours. <b>Only for Energy and Electrical upgrades (all other types will gray out the field).</b>
Current Consultant Report	Indicate 'Yes' or 'No' whether a report is available. Do not attach report, but it may be requested at a later date.
<b>VFA FACILITY DATABASE</b>	
VFA Requirement - ID No.	Provide the 5 to 6 digit VFA requirement ID numbers (e.g., 84631 or 846310). The cell is formatted to automatically add 'REQ' text once the 5 or 6 digit ID is typed properly. Requirement ID can be found in VFA Facility database. To access, click on 'Assets' tab in the blue navigation menu located at the top of the VFA.Facility home page. Requirement ID can be accessed from 'Requirements' database hierarchy. e.g. ID REQ-846310
New or Replacement	Indicate whether the project is requesting funding for new systems or replacement of current systems.
% of System Replaced (0-100)	Estimate the amount of project being replaced using percentage value ranging from 0 to 100 where 100% means fully replaced.
<b>ICONS</b>	
	Indicates that all required fields are filled (complete).
	Indicates that one or more fields are missing information (incomplete). Input value in missing field(s).
Program Name	Calculated value, used for summary table

**END**

## CAPITAL MANAGEMENT BRANCH

Submission Date (yyyy-mm-dd)	28-Jun-2019
------------------------------	-------------

NAME	PHONE	EMAIL
Natalie Lowe	604-869-2411	<a href="mailto:natalie.lowe@sd78.bc.ca">natalie.lowe@sd78.bc.ca</a>

### ICON DESCRIPTION



:Incomplete

SCHOOL DISTRICT & GENERAL INFORMATION								PROJECT IDENTIFICATION										PROJECT SCHEDULE				PROJECT COST				SUPPLEMENTAL INFORMATION & VFA FACILITY DATABASE				
SD #	SD Name	Project Priority	Ministry Facility Code	Facility Name	Is this a Grouped Project?	Group Project Identifier	Community	Project Type	Project Description	Other Comments (N/A if none)	Project Benefits	Primary Driver	Prior Funding from Previous SEP (YES/NO)	Current Annual Operational/Maintenance Costs (\$)	Estimated Annual Operational/Maintenance Costs (\$)	Estimated Annual Savings (\$)	Savings Rationale	Start Date (month-yyyy)	End Date (month-yyyy)	Current Project Phase	School Enhancement Funding	SD Contribution	Third Party Contribution	Total Project Cost	Annual Fuel Usage Reduction (GJ)	Annual Electricity Usage Reduction (kWh)	Current Consultant Report	VFA Requirement - ID No.	New or Replacement	
99	Example District	1	12345678	ABC Elementary	Yes	A	Elkford	Electrical Upgrades	Energy savings and improved lighting	N/A	Energy savings and improved lighting	Energy Savings	NO	\$ 37,000	\$ 20,000	\$ 17,000	Improved lighting	May-19	Nov-19	Tender-Ready	\$ 120,000	\$ 10,000	\$ -	\$ 130,000	0	190500	Yes	REQ-123456	Replacement	
99	Example District	2	12345678	DEF Middle	Yes	A	Cranbrook	Electrical Upgrades	Energy savings and improved lighting	N/A	Energy savings and improved lighting	Energy Savings	NO	\$ -	\$ -	\$ -	Improved lighting	May-19	Nov-19	Tender-Ready	\$ 130,000	\$ 7,000	\$ -	\$ 137,000	0	57563	Yes	REQ-123456	Replacement	
99	Example District	3	12345678	GHI Secondary	Yes	A	Fernie	Electrical Upgrades	Energy savings and improved lighting	N/A	Energy savings and improved lighting	Energy Savings	NO	\$ -	\$ -	\$ -	Improved lighting	May-19	Nov-19	Tender-Ready	\$ 125,000	\$ 20,000	\$ -	\$ 145,000	0	176111	Yes	REQ-123456	Replacement	
78	Fraser-Cascade	1	7832003	HopeElm/Sec	No		Hope	Mechanical Upgrades	Boiler to high eff	engineering estimates 30% reduction	energy saving and equipment renewal	System Renewal	NO			\$ -	high eff	May-19	Sep-19	Tender-Ready	\$ 432,000	\$ -		\$ 432,000	450	0	Yes	REQ-345791	Replacement	
78	Fraser-Cascade	2	7878012	Silver Creek Elm	No		Hope	Mechanical Upgrades	boiler to high eff	engineering estimates 30% reduction	energy savings and equipment renewal	System Renewal	NO	\$ 25,000	\$ 21,000	\$ 4,000	high eff	May-19	Sep-19	Tender-Ready	\$ 331,500	\$ -		\$ 331,500	420	0	Yes	REQ-346272	Replacement	
78	Fraser-Cascade	3	7832006	Coquihalla Elm	No		Hope	Mechanical Upgrades	boiler to high eff	engineering estimates 30% reduction	energy savings and equipment renewal	System Renewal	NO	\$ 30,000	\$ 25,000	\$ 5,000	high eff	May-19	Sep-19	Tender-Ready	\$ 372,000	\$ -		\$ 372,000	520	0	Yes	REQ-346183	Replacement	
78	Fraser-Cascade	4	7878012	Silver Creek Elm	No		Hope	Building Enclosure Upgrades	roofing	80% sloping room	envelope renewal	System Renewal	NO	\$ 5,000	\$ 1,000	\$ 4,000	building envelope renewal	Jul-19	Aug-19	Tender-Ready	\$ 200,000	\$ -		\$ 200,000			Yes	REQ-863344	Replacement	
78	Fraser-Cascade	5	7878012	Silver Creek Elm	No		Hope	Flooring Upgrades	flooring	currently tile flooring replacing with sheet product	systems renewal	System Renewal	NO	\$ 10,000	\$ 9,000	\$ 1,000	minor saving for floor repair and maintenance	Jul-19	Aug-19	Tender-Ready	\$ 125,000	\$ -		\$ 125,000			No	REQ-357177	Replacement	
78	Fraser-Cascade	6	7876003	Agassiz Elm/Sec	No		Agassiz	Mechanical Upgrades	dust collector	calculated to be undersized for current requirement	systems renewal to meet regulatory requirements	System Renewal	NO	\$ 2,000	\$ 2,000	\$ -	no savings	Jun-19	Sep-19	Tender-Ready	\$ 325,000	\$ -		\$ 325,000			Yes	REQ-343399	Replacement	
																\$ -								\$ -						
																\$ -								\$ -						
																\$ -								\$ -						
																\$ -								\$ -						
																\$ -								\$ -						
																\$ -								\$ -						
																\$ -								\$ -						
																\$ -								\$ -						
																\$ -								\$ -						
																\$ -								\$ -						

**Carbon Neutral Capital Program (CNCP)  
2020/21 Call for Projects - Instructions**

**INTRODUCTION**

This guide has been written to assist school districts and their consultants with the preparation of project proposals for the Carbon Neutral Capital Program (CNCP) 2020/21 Call for Projects.

A maximum of three (3) separate project proposals will be accepted from each school district.

Columns that are gray filled are calculated and should not be entered manually. **All other columns should be filled.**

The completed spreadsheet must be emailed by **June 30, 2019** to Damien Crowell, Planning Officer, at:

[Damien Crowell – Damien.Crowell@gov.bc.ca](mailto:Damien.Crowell@gov.bc.ca)

School districts are responsible for verifying all information provided to the Ministry of Education (EDUC).

**VFA REQUIREMENTS REPORT AND CONSULTANT REPORTS**

Consultant reports should be completed either by a school district Energy Specialist/Manager or a qualified independent consultant.

The Ministry may require the author(s) to validate or clarify the content of submitted reports.

All data and estimates required for the Project Proposal Intake Spreadsheet should be included in supporting study reports.

Submit only the page in the VFA Requirements Report that directly addresses the proposed project.

**COMPLETING THE PROJECT PROPOSAL INTAKE SPREADSHEET**

HEADINGS	INSTRUCTIONS
<b>SUBMISSION DATE</b>	
Submission Date	Date when the project proposal and supporting documentation were submitted to the Ministry.
<b>PRIMARY CONTACT</b>	
Primary Contact	Provide the <b>name, phone</b> and <b>email</b> of the primary school district contact regarding project requests.
<b>SCHOOL DISTRICT INFORMATION</b>	
SD No.	Select the school district number.
SD Name	SD Name will populate automatically when the SD No. is selected.
<b>PROJECT IDENTIFICATION</b>	
Ministry Facility Code	Provide the 8 digit Ministry Facility Code found in VFA Facility database. Click on 'Assets' tab in the blue navigation menu located at the top of the VFA Facility home page. Ministry Facility Code can be found under 'Facilities' detail in the database hierarchy.  e.g. Identifier - Ministry Facility Code 3434225
Facility Name	Indicate the name of the facility including school type (i.e. Elementary, Middle or Secondary). List the specific school names included in the proposal (if grouped as one project)--the use of "Various" is NOT allowed.
Project Priority	Prioritize your project proposal starting with No. 1 as the highest need.
Project Type	Select the primary nature of the project.
Project Description	Provide details of the proposed project, including components being installed.
Project Benefits	Describe how the proposed project will benefit students and staff, and generate operational cost savings, and improve overall facility condition. Information provided shall be brief in nature.
Additional Comments	If required, provide more details of the proposed project in the comment section. Input N/A if none.
<b>VFA FACILITY DATABASE</b>	
VFA Requirement - ID No.	Provide the 5 to 6 digit VFA requirement ID numbers (e.g. 84631 or 846310). The cell is formatted to automatically add 'REQ' text once the 5 or 6 digit ID is typed properly. Requirement ID can be found in VFA Facility database. To access, click on 'Assets' tab in the blue navigation menu located at the top of the VFA Facility home page. Requirement ID can be accessed from 'Requirements' database hierarchy.  e.g. ID REQ-846310
New or Replacement	Indicate whether the project is requesting funding for new systems or replacement of current systems.
% of System Replaced (0-100)	Estimate the amount of project being replaced using percentage value ranging from 0 to 100 where 100% means fully replaced.
<b>PROJECT COST</b>	
CNCP Funding	Indicate amount of CNCP funding requested for the proposed project.
SD Contribution	Indicate the total amount of funding the school district will commit towards the proposed project.
Third Party Contribution	Indicate the total amount of funding that will be committed from third party sources.
Total Project Cost	Calculated field indicating the total amount of funding committed from all sources.
<b>PROJECT SCHEDULE</b>	
Start Date	Indicate the date when the proposed project could begin construction (e.g., Dec-2019).
End Date	Indicate the date when the proposed project would be completed (e.g., May-2020).
Current Phase	Select the current phase of the project from the dropdown list: Concept, Design, or Tender Ready.
<b>ENERGY COST SAVINGS</b>	
Annual Fuel Cost Savings	Indicate the projected reduction in fuel consumption costs per year.
Annual Electricity Cost Savings	Indicate the projected reduction in electricity consumption costs per year.
Total Cost Savings	Calculated field indicating the projected total reduction in energy consumption costs per year.
<b>ENERGY AND EMISSION REDUCTIONS</b>	
2018 SmartTool Emissions (TCO2e)	Total tonnes of carbon dioxide equivalent emitted by the facility in 2018, from SmartTool: <a href="https://www.wherethegreenideaswork.gov.bc.ca/smarttool.html">https://www.wherethegreenideaswork.gov.bc.ca/smarttool.html</a> .
Fuel Type	Select the fuel type.
Annual Fuel Usage Reduction (GJ)	Indicate the estimated reduction in fuel consumption per year, in gigajoules.
Annual Avoided Emissions (TCO2e)	Calculated field estimating the amount of emissions from fuel use avoided per year, in tonnes of carbon dioxide equivalent.
Electricity Supplier	Select an electricity supplier from the dropdown list.
Annual Electricity Usage Reduction (kWh)	Indicate the estimated reduction in electricity consumption per year, in kilowatt hours.
Annual Avoided Emissions (TCO2e)	Calculated field estimating the amount of emissions from electricity use avoided per year, in tonnes of carbon dioxide equivalent.
Total Annual Avoided Emissions (TCO2e)	Calculated field estimating the amount of emissions from energy use avoided per year, in tonnes of carbon dioxide equivalent.
Annual Emissions Reduction from 2018	Calculated field indicating the percentage reduction of carbon dioxide equivalent emissions relative to 2018 SmartTool Emissions reported.
Annual Avoided Carbon Offsets	Calculated field indicating the carbon offsets payments avoided per year, based on a charge of \$25 per tonne of carbon dioxide equivalent.
Payback Period (years)	Indicate the estimated period of time required to retire investment made into energy and emissions reductions, in years.
<b>SUPPLEMENTAL INFORMATION</b>	
Energy Study Attached	Indicate if an energy study is included in the proposal.
Energy Study Date	Provide the date when the consultant completed the energy study report, if attached.
Mechanical Study Attached	Indicate if a mechanical study is included in the proposal.
Mechanical Study Date	Provide the date when consultant completed the mechanical study report, if attached.
Technology Industry Proven	Indicate whether the technology proposed for the project is industry-proven to be reliable.
Technology Previously Used by SD	Indicate whether the technology has been used previously for other projects in the school district.
Program Name	Calculated value, used for summary table

END



2020/21 CALL FOR PROJECTS - CARBON NEUTRAL CAPITAL PROGRAM (CNCP) REQUESTS

CAPITAL MANAGEMENT BRANCH  
Submission Date (yyyy-mm-dd) 28-Jun-2019

PRIMARY CONTACT	NAME	PHONE	EMAIL
	Natalie Lowe	604-869-2413	natalie.lowe@ed72.bc.ca

SCHOOL DISTRICT & PROJECT DESCRIPTION						VFA FACILITY DATABASE						PROJECT COST			PROJECT SCHEDULE			ENERGY COST SAVINGS			ENERGY AND EMISSION REDUCTIONS												SUPPLEMENTAL INFORMATION							
SD #	SD Name	Project Priority	Ministry Facility Code	Facility Name	Project Type	Project Description	Project Benefits	Other Comments (N/A if none)	VFA Requirement ID No.	New or Replacement	% of System Replaced (0-100)	CNCP Funding	SD Contribution	Third Party Contribution	Total Project Cost	Start Date	End Date	Current Phase	Annual Fuel Cost Savings	Annual Electricity Cost Savings	Total Cost Savings	2019 Smart Tool Emissions (tCO2e)	Fuel Type	Annual Fuel Usage Reduction (GJ)	Annual Avoided Emissions (tCO2e)	Electricity Supplier	Annual Electricity Usage Reduction (kWh)	Annual Avoided Emissions (tCO2e)	Total Annual Avoided Emissions (tCO2e)	Annual Emissions Reduction from 2018	Annual Avoided Carbon Offsets	Payback Period (years)	Energy Study Attached	Energy Study Date (yyyy-mm-dd)	Mechanical Study Attached	Mechanical Study Date (yyyy-mm-dd)	Technology Industry Proven	Technology Previously Used by SD	Program Name	
99	Example District	1	9901234	ABC Elementary	Lighting	LED lighting upgrade	Energy savings	N/A	REQ-123456	Replacement	100	\$ 65,000			\$ 65,000	May-19	Nov-19	Design		\$ 16,000	\$ 16,000		N/A	0	0.00	BC Hydro	190500	2.032635	2.03	0.00%	\$ 50.62	4	Yes	2017-10-25	Yes	2017-10-25	Yes	Yes	CNCP	
78	Fraser-Cascade	1	7878012	Silver Creek Elm	Boiler	boiler replacement	boiler replacement energy savings	replace package non condensing type boilers	REQ-346272	Replacement	100	\$ 331,500			\$ 331,500	May-19	Sep-19	Tender Ready	\$ 4,000	\$ -	\$ 4,000		Natural Gas	420	29.66	BC Hydro	0	-	29.66	0.00%	\$ 741.48	70	No		No	2019-05-07	Yes	Yes	CNCP	
78	Fraser-Cascade	2	7832006	Coquihalla Elm	Boiler	boiler replacement	boiler replacement energy savings	replace package non condensing type boilers	REQ-346271	Replacement	100	\$ 372,000			\$ 372,000	May-19	Sep-19	Tender Ready	\$ 5,000	\$ -	\$ 5,000		Natural Gas	520	36.72	BC Hydro	0	-	36.72	0.00%	\$ 918.02	63	No		No	2019-05-07	Yes	Yes	CNCP	
78	Fraser-Cascade	3	7832502	maintenance	Electric Vehicle	replace gas powered vehicle	energy saving carbon footprint			Replacement	10	\$ 25,000	\$ 15,000		\$ 40,000	May-19	Jun-19	Tender Ready	\$ 3,000		\$ 3,000		Gasoline		0.00	BC Hydro		-	0.00	0.00%	\$ -	13	No							CNCP
															\$ -						\$ -				0.00				-	0.00	0.00%	\$ -	0							CNCP
															\$ -						\$ -				0.00				-	0.00	0.00%	\$ -	0							CNCP
															\$ -						\$ -				0.00				-	0.00	0.00%	\$ -	0							CNCP
															\$ -						\$ -				0.00				-	0.00	0.00%	\$ -	0							CNCP
															\$ -						\$ -				0.00				-	0.00	0.00%	\$ -	0							CNCP
															\$ -						\$ -				0.00				-	0.00	0.00%	\$ -	0							CNCP
															\$ -						\$ -				0.00				-	0.00	0.00%	\$ -	0							CNCP

## School Bus Acquisition Program 2020/21 Call for Proposals - Instructions

### INTRODUCTION

This guide has been written to assist school districts and their consultants with the preparation of proposals for the Bus Acquisition Program 2020/21 Call for Projects.

Both the Bus Acquisition Program proposals and bus inventory are combined in a single "Inventory and Intake" spreadsheet. School districts are required to provide their bus inventory list with their supporting information in the fields specified under 'Current Bus Information' section. Information for Bus Acquisition Program 2020/21 call for projects can be provided in the fields specified under 'New/Replacement Bus Information'. Information for requesting funding for New Bus (e.g., for new routes) should be provided as a new line item (leave Current Bus Information section empty).

If a new bus is not requested **please enter No** under "Request for New/Replacement Bus".

Funding requests for school buses will be considered only where school districts have submitted the following supporting documentation:

- 1). For replacement due to safety and mechanical issues, submit the following documents:
  - detailed description of the safety and/or mechanical issues, signed and dated.
  - the latest Ministry of Transportation and Infrastructure (or CVSE) inspection report verifying the bus unit number, age, condition and number of kilometers and **identified issues**.
- 2). For additional buses for new routes or trips, submit the following documents:
  - rationale for the request that demonstrates the increase ridership as well as copies of route sheets, route maps, and supporting route optimization analysis. This document should be signed and dated by an appropriate designate.
- 3). For replacement of existing buses, submit the following documents:
  - if bus has met both age **and** mileage criteria, no additional documentation is required
  - if bus replacement is sooner than outlined in Ministry guidelines for age and/or mileage, the reasons for early replacement and recent maintenance costs records are required (supported by the latest Ministry of Transportation and Infrastructure (or CVSE) inspection report verifying the bus unit number, age, condition and number of kilometres and identified issues)

Columns that are gray filled are calculated and should not be entered manually. **All other columns should be filled.**

The completed spreadsheet must be emailed by **June 30, 2019** to Damien Crowell, Planning Officer, at:

[Damien Crowell – Damien.Crowell@gov.bc.ca](mailto:Damien.Crowell@gov.bc.ca)

School districts are responsible for verifying all information provided to the Ministry of Education (EDUC).

### COMPLETING THE PROJECT PROPOSAL INTAKE SPREADSHEET

HEADINGS	INSTRUCTIONS
<b>SUBMISSION DATE</b>	
<b>Submission Date</b>	Date when the project proposal and supporting documentation were submitted to the Ministry.
<b>PRIMARY CONTACT</b>	
<b>Primary Contact</b>	Provide the <b>name, phone</b> and <b>email</b> of the primary school district contact regarding project requests. This should be a Transportation Manager if your school district has that position.
<b>SCHOOL DISTRICT INFORMATION</b>	
<b>SD No.</b>	Select the school district number.
<b>SD Name</b>	SD Name will populate automatically when the SD No. is selected.
<b>CURRENT BUS INFORMATION</b>	
<b>Fleet (Unit) No.</b>	Indicate the Fleet (Unit) number of the bus.
<b>VIN</b>	Indicate the vehicle identification number (VIN) for the bus.
<b>Current Use of Bus</b>	Select the use of the bus - <b>Active</b> - has regular route, used on daily basis <b>Spare</b> - used on an as needed basis, not on a regular route, if bus was previously replaced please indicate <b>Used for Parts</b> - bus is still owned by SD but is not road worthy and only used for parts <b>Sold</b> - bus was sold, if to another school district please add details in comments <b>Removed from inventory</b> - bus was scrapped and/or is no longer in school district's possession <b>Other</b> - please describe in comments
<b>Has this bus been previously replaced?</b>	<b>Yes/No</b> , if the bus was previously replaced but remains in the inventory then it is not longer eligible for replacement (cannot be replaced twice). If the bus was replaced the Current Use of Bus <i>should not</i> be active.
<b>Actual Kilometers</b>	Indicate the most current reading from the odometer. If the odometer has been replaced, make the appropriate changes by summing kilometre values of before and after replacement, and provide a brief description in the comment section.
<b>Average Annual Km Driven</b>	Will calculate automatically based on age and actual kilometers. If the actual kilometers are modified due to an odometer reset please note this information in the Comments field.
<b>Year Put in Service</b>	Provide the year the current inventory bus was put in service (e.g., 2004).
<b>Model Year</b>	Indicate model year for the current bus (e.g., 2008).
<b>Current Bus Type</b>	Select the current bus type.
<b>Wheelchair Spaces</b>	Indicate the number of wheelchair spaces for the current bus.
<b>Annual Maintenance Cost</b>	Provide the district's maintenance cost of each bus for year preceding this submission.
<b>Issue Description/Rationale</b>	Describe any safety or mechanical issues that provide the rationale for replacement. When requesting for new bus, use this field to describe the rationale for the request that demonstrates the increase ridership.
<b>Request for New/Replacement Bus</b>	Are you requesting new/replacement funding for this bus? Indicate whether the bus required new/replacement funding by selecting an input from the dropdown list. Must be filled for every item, please select No if no replacement is needed.
<b>NEW/REPLACEMENT BUS INFORMATION</b>	
<b>New/Repl. Bus Type</b>	Select the bus type for the new/replacement bus.
<b>Wheelchair Spaces</b>	Indicate the number of wheelchair spaces for the new/replacement bus.
<b>ADDITIONAL INFORMATION</b>	
<b>Inspection Reports</b>	Indicate 'Yes' or 'No' whether the Commercial Vehicle Inspection Report is provided. This field is not applicable for requesting a new bus (for new routes). Input N/A if not applicable.
<b>Copies of New Routes</b>	Indicate 'Yes' or 'No' whether route sheets/maps is provided. This field is only applicable for requesting a new bus (for new routes). Input N/A if not applicable.
<b>MINISTRY INFORMATION</b>	
<b>Additional Comments</b>	Provide additional comments if necessary.
<b>Program Name</b>	Calculated value, used for summary table



## 2020/21 CALL FOR PROJECTS - BUS ACQUISITION PROGRAM (BUS) REQUESTS &amp; INVENTORY

**CAPITAL MANAGEMENT BRANCH**  
Submission Date (yyyy-mm-dd) 28-Jun-2019

	NAME	PHONE	EMAIL
PRIMARY CONTACT	natalie lowe	6048692411	<a href="mailto:natalie.lowe@sd78.bc.ca">natalie.lowe@sd78.bc.ca</a>

[illegible]

**Playground Equipment Program  
2020/21 Call for Projects**

**INTRODUCTION**

For an existing school to be eligible for Playground Equipment Program (PEP) funding, it must meet the following criteria:

- 1). Grade configuration has a majority of elementary grades (K-7).
- 2). The school is not being considered for closure or replacement within the next five years, as identified in the school district's current Long-Range Facilities Plan (LRFP).
- 3). Playground equipment status currently meets one of the following conditions:
  - a. none available for student use;
  - b. unsafe for student use; or
  - c. not universally accessible.
- 4). An off-site playground located at another school or a community park is not readily available to students.

**NOTE: Reimbursement of DPACs and PACs for prior equipment purchases; partial replacement of existing equipment; upgrades to existing equipment, and repair of existing equipment will not be funded under PEP.**

School districts may prioritize up to three (3) eligible schools that require either a new playground equipment project or a replacement playground equipment project.

**NOTE: Capital funding provided under the Playground Equipment Program may not be used for the development or equipping of playfields, play courts, skateboard parks, or other school ground areas.**

School districts are expected to consult with DPACs and PACs regarding eligible schools requiring new playground equipment or replacement playground equipment.

Columns that are gray filled are calculated and should not be entered manually.

**All other columns should be filled.**

The completed spreadsheet must be emailed by **June 30, 2019** to Damien Crowell, Planning Officer, at:

[Damien Crowell – Damien.Crowell@gov.bc.ca](mailto:Damien.Crowell@gov.bc.ca)

School districts are responsible for verifying all information provided to the Ministry of Education.

**DEFINITIONS**

**Standard Playground Equipment:** Considered to be adventure-style playground equipment that is designed to help elementary-aged students develop physical coordination, strength, and flexibility, as well as to provide outdoor recreation and enjoyment. This equipment is permanently fixed on a school site, typically in a designated playground area having fall protection ground cover.

**Universally Accessible Playground Equipment:** Serves the same purposes as standard playground equipment, but is designed to be accessible by all elementary-aged students, including children with disabilities or developmental challenges who need to interact with playgrounds in a specialized manner, such as wheelchair use.

HEADINGS	INSTRUCTION
<b>SUBMISSION DATE</b>	
Submission Date	Date when the project proposal and supporting documentation were submitted to the Ministry.
<b>SCHOOL DISTRICT CONTACT</b>	
Primary Contact	Provide the <b>name, phone</b> and <b>email</b> of the primary school district contact regarding project requests.
<b>SCHOOL DISTRICT INFORMATION</b>	
SD No.	Select the school district number.
SD Name	SD Name will populate automatically when the SD No. is selected.
Facility Name	Provide the name of the facility, including school type (i.e., Elementary, Middle, or Secondary).
Ministry Facility Code	Provide the 8 digit Ministry Facility Code found in VFA Facility database. Click on 'Assets' tab in the blue navigation menu located at the top of the VFA Facility home page. Ministry Facility Code can be found under 'Facilities' detail in the database hierarchy.  e.g. Identifier - Ministry Facility Code 3434225
<b>GRADE CONFIGURATIONS</b>	
Lowest Grade	Provide the lowest grade for the school.
Highest Grade	Provide the highest grade for the school.
Grade Range	Calculated and formatted value based on lowest and highest grade.
<b>PLAYGROUND INFORMATION</b>	
Project Priority	Provide the priority of the requested project.
Request for New Equipment or Replacement Equipment	Select whether the request is for new playground equipment (where none exists on-site or at a nearby school or community park); or for the replacement of existing playground equipment.
Number of Existing Playgrounds	For replacement playground equipment requests, select the number of playgrounds that currently exist on-site.
Age of Existing Equipment	Provide the estimated age of existing playground equipment requiring replacement. Use "N/A" if no playground equipment is currently on-site.
Rationale for Replacing Equipment	Describe any health or safety issues that necessitate the replacement of existing playground equipment. Use "N/A" if the request is for new playground equipment.
Type of Equipment Request	Select whether request is for standard playground equipment or universally accessible playground equipment.
Rationale for Universally Accessible Equipment Request	If universally accessible playground equipment is selected, describe the need for this type of equipment at the school. Include the number of students with physical disabilities currently attending the school and the known number of children with physical disabilities that are expected to attend the school in the near future (i.e., upcoming 2 years).
<b>ADDITIONAL INFORMATION</b>	
SMP Project or REP Project Request	Indicate whether a Seismic Mitigation Program (SMP) project or a Replacement Program (REP) project was requested for the school in the school district's Annual Five-Year Capital Plan submission for 2018/19.
Recent Equipment Funding	Indicate whether the school has received funding specifically for playground equipment within the past 10 years. If "YES", select the primary source of any previous funding, including Annual Facilities Grant (AFG); local capital; PAC fundraising; PAC or DPAC Gaming Grant; Ministry of Education 2011-2013 Playground Equipment Program; or other programs. If "Other Programs" is selected, provide the source(s) of funding under the <b>Additional Comments</b> field.
Additional Comments	Provide any additional comments, as may be required.
Program Name	Calculated value, used for summary table

**END**



2020/21 CALL FOR PROJECTS - PLAYGROUND EQUIPMENT PROGRAM (PEP) REQUESTS  
CAPITAL MANAGEMENT BRANCH

Submission Date (yyyy-mm-dd) 28-Jun-2019

PRIMARY CONTACT	NAME	PHONE	EMAIL
	Natalie Lowe	604-869-2411	n.lowe@sd78.bc.ca

SCHOOL DISTRICT INFORMATION			GRADE CONFIGURATIONS			PLAYGROUND INFORMATION						ADDITIONAL INFORMATION			
SD #	SD Name	Ministry Facility Code	Facility Name	Lowest Grade	Highest Grade	Grade Range	Project Priority	Request for New Equipment or Replacement Equipment	Number of Existing Playgrounds	Age of Existing Equipment	Rationale for Replacing Equipment	Type of Equipment Request	Rationale for Universally Accessible Equipment Request	SMP or REP Project Request	Recent Equipment Funding
99	Example District	9901234	ABC Elementary School	K	5	K - 5	1	YES - New Equipment (Complete)	0	0	N/A	Universally Accessible Playground Equipment	The school currently has 2 students (Gr. 6 and Gr. 7) who require wheelchair accessibility; also, 2 pre-school aged children with disabilities in neighbourhood who are expected to enroll next year.	YES	No
99	Example District	12345678	DEF Middle	6	8	6 - 8	3	YES - Complete Replacement of Existing Equipment	1	10	Extensive rusting; some malfunctioning components; missing pieces	Standard Playground Equipment	N/A	NO	No
78	Fraser-Cascade	7876002	Harrison Hot Springs Elm	k	6	k - 6	1	YES - Complete Replacement of Existing Equipment	1	20	CPRA report says end of life	Universally Accessible Playground Equipment	district standard	NO	No
78	Fraser-Cascade	7832006	Coquihalla Elm	k	7	k - 7	2	YES - Complete Replacement of Existing Equipment	1	17	CPRA report says nearing end of life	Universally Accessible Playground Equipment	district standard	NO	Yes - From PAC
78	Fraser-Cascade	7878012	Silver Creek Elm	k	7	k - 7					CPRA report says nearing end of life	Universally Accessible Playground Equipment	district standard	NO	Yes - From Other Sources
						-									
						-									
						-									

## How to Update the Summary Tab

The Summary tab has been designed to pull the data from each tab and compile into a couple of simplified tables. The tables have been set up to print on Letter sized paper with a header. To view the header (and edit if desired), click View and Page Layout.

**To Refresh the data:** Click on the Data tab and then click the Refresh All button. It may take a while for all the tables to refresh and populate the summary tables.

### School District Number and Name

#### Long Range Facility Plan Last Updated

Simply enter the school district number and the School District Name will autopopulate.

If a value was entered in the Addition, New School, Site Acquisition, Seismic, or Demolition tab then the most recent date will populate. If no date is entered in those tabs then the cell will show "Please enter date" and the cell will need to be populated manually.

SD #	All
Program	Total Project Cost
Addition	\$27,500,000.00
New School	\$73,000,000.00
Site Acquisition	\$24,000,000.00
Seismic	\$53,000,000.00
Replacement	\$16,000,000.00
Demolition	
BEP	\$2,600,000.00
SEP	\$412,000.00
CNCP	\$65,000.00
<b>Grand Total</b>	<b>\$196,577,000.00</b>

### Simplified Project Total Table

To show your school districts project costs, click the drop down next to All at the top. Check the box next to Select Multiple Items and then uncheck the box next to 99.

## Project Summary Table

All fields and cells will populate automatically. If cells are modified manually then the values will not be saved when the table is refreshed.

The SD # and SD Name fields are on the end so that they can be hidden for printing. But first, select (only) the school district number in the drop down (filter) in SD #.

To hide SD # and SD Name from printing, select the columns and right click and select Hide.

If new rows are added to a table, scroll to the end of the table and ensure the Program Name field value is populated. This will ensure that the record comes through to the summary table.

School District Number	78
School District Name	Fraser-Cascade
Long Range Facility Plan Last Updated:	June 1, 2018

SD #	78
------	----

Program	Total or Estimated Project Cost
Site Acquisition	\$2,000,000
Seismic	\$13,000,000
Replacement	\$24,000,000
SEP	\$1,755,500
CNCP	\$748,500
<b>Grand Total</b>	<b>\$41,504,000</b>

\*PEP and BUS not included

Program Name	Project Priority	Facility or Project Name	Project Description	Total/Estimated Project Cost
Site Acquisition	1	Westside Elm	West side of Agassiz for 20K/150E	\$2,000,000.00
Seismic	1	Harrison Hot Springs	seismic/replacement of 2 H2 blocks including gym	\$1,500,000.00
			seismic upgrade/replacement of H2 blocks of 1950's	
Seismic	2	Agassiz	section	\$10,000,000.00
Seismic	3	Kent	seismic upgrade/replacement of gym	\$1,500,000.00
Replacement	1	Harrison Hot Springs	replace 1940's school	\$6,000,000.00
Replacement	2	Agassiz	partial replacement 1950 section	\$18,000,000.00
SEP	1	HopeElm/Sec	Boiler to high eff	\$432,000.00
SEP	2	Silver Creek Elm	Boiler to high eff	\$331,500.00
SEP	3	Coquihalla Elm	Boiler to high eff	\$372,000.00
SEP	4	Silver Creek Elm	roofing	\$170,000.00
SEP	5	Silver Creek Elm	flooring	\$125,000.00
SEP	6	Agassiz Elm/Sec	dust collector	\$325,000.00
CNCP	1	Silver Creek Elm		\$331,500.00
CNCP	2	Coquihalla Elm		\$372,000.00
CNCP	3	maintenance		\$45,000.00
PEP	1	Harrison Hot Springs Elm	Standard Playground Equipment	
PEP	2	Coquihalla Elm	Standard Playground Equipment	
PEP		Silver Creek Elm	Standard Playground Equipment	
<b>Total</b>				<b>\$41,504,000.00</b>



# **SEISMIC PROJECT REQUEST FACT SHEET**

**SCHOOL DISTRICT No. 78**  
**(Fraser Cascade)**

**Harrison Hot Springs ELEMENTARY  
SCHOOL**

**Seismic Mitigation Project Type: \***  
**\*Full Seismic Replacement**

24 Jun 19

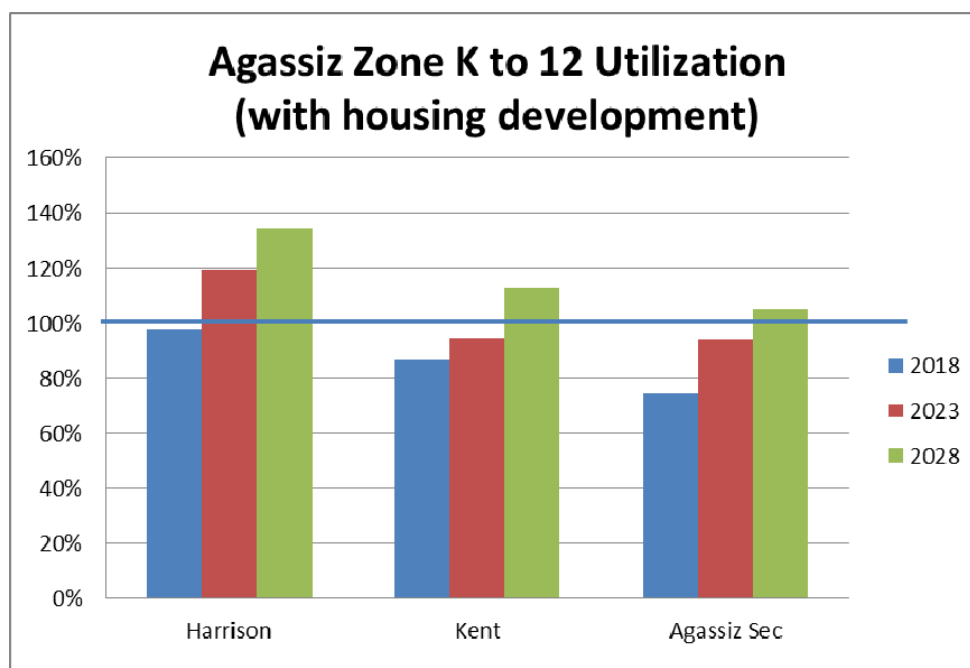
**Table A – Full Seismic Replacement of an Existing School**

Proposed Project Information							School Information													
School District Project Priority Ranking: <ul style="list-style-type: none"> <li>1</li> </ul>							Grade Configuration of Existing School: <ul style="list-style-type: none"> <li>Grades K – 6</li> </ul> Grade Configuration of Partially-Replaced School: <ul style="list-style-type: none"> <li>Grades K – 6</li> </ul>													
<u>Partial Seismic Replacement Project</u> Project Budget Estimate: <ul style="list-style-type: none"> <li>\$7.6M</li> </ul> Anticipated Project Start Date: <ul style="list-style-type: none"> <li>11/2020</li> </ul> Anticipated School Occupancy Date: <ul style="list-style-type: none"> <li>06/2022</li> </ul>							Nominal Capacity of Existing School: <ul style="list-style-type: none"> <li>20 K/100 Elem/000 Sec</li> </ul> Nominal Capacity of Partially-Replaced School: <ul style="list-style-type: none"> <li>20 K/100 Elem/000 Sec</li> </ul> Change in Nominal Capacity: <ul style="list-style-type: none"> <li>±00 K/±000 Elem/±000 Sec</li> </ul>													
<u>Seismic Project Identification Report (SPIR) Completion:</u> <ul style="list-style-type: none"> <li>NO</li> </ul> If YES, provide date: <ul style="list-style-type: none"> <li>MM/YYYY</li> </ul> If YES, provide Cost Estimate: <ul style="list-style-type: none"> <li>\$</li> </ul>							Operating Capacity of Existing School: <ul style="list-style-type: none"> <li>19 K/93 Elem/000 Sec</li> </ul> Operating Capacity of Partially-Replaced School: <ul style="list-style-type: none"> <li>19 K/93 Elem/000 Sec</li> </ul> Change in Operating Capacity: <ul style="list-style-type: none"> <li>±00 K/±000 Elem/±000 Sec</li> </ul>													
Seismic Rapid Assessment Completion: <ul style="list-style-type: none"> <li>YES If YES, provide date:</li> <li>06/2019</li> </ul>							Utilization of Existing School: <ul style="list-style-type: none"> <li>98 %</li> </ul> Utilization of Fully Replaced School: <ul style="list-style-type: none"> <li>98 %</li> </ul>													
Seismic Risk: <table border="1" data-bbox="240 1178 812 1291"> <thead> <tr> <th>Seismic Risk Rating</th> <th>H1</th> <th>H2</th> <th>H3</th> <th>M</th> <th>L</th> </tr> </thead> <tbody> <tr> <td>No. of Blocks</td> <td>0</td> <td>1</td> <td>1</td> <td>0</td> <td>0</td> </tr> </tbody> </table>							Seismic Risk Rating	H1	H2	H3	M	L	No. of Blocks	0	1	1	0	0	Number of Classrooms in Existing School: <ul style="list-style-type: none"> <li>1 Kindergarten</li> <li>4 Elementary</li> <li>00 Secondary</li> </ul> Number of Classrooms in Partially Replaced School: <ul style="list-style-type: none"> <li>1 Kindergarten</li> <li>4 Elementary</li> <li>00 Secondary</li> </ul> Change in Number of Classrooms: <ul style="list-style-type: none"> <li>±00 Kindergarten</li> <li>±00 Elementary</li> <li>±00 Secondary</li> </ul>	
Seismic Risk Rating	H1	H2	H3	M	L															
No. of Blocks	0	1	1	0	0															
							Number of Portable Classrooms On-Site <ul style="list-style-type: none"> <li>1 x FDK</li> </ul>													
							Current Facility Condition Index (FCI) of Existing School: <ul style="list-style-type: none"> <li>0.38 (requires further review of conditions)</li> </ul>													
							Future Facility Condition Index (FCI) of Existing School: <ul style="list-style-type: none"> <li>0.00</li> </ul>													

## Project Rationale

Harrison Elementary School replacement is the top capital project for the School District. The 2019 SRA's identified both the gymnasium and the classroom blocks of the school as high seismic risk H-3 and H-2 respectively. In addition the 1949 school has served the community for 70 years and has reached the end of its service life. The School District is prepared to contribute significant local funds to offset a portion of the project costs to allow the project to proceed more quickly.

Harrison Hot Springs Elementary is the only school in the community of Harrison Hots Springs which is experiencing continued growth so retention of the school is a requirement. The utilization rate for Harrison Elementary is currently at 98% and is expected to exceed 134% by 2028 as shown in the following graph.



The high cost of housing in the Greater Vancouver Regional District has caused families to locate in the Fraser Valley Regional District. Recent growth rates have exceeded previous projections.

Kent Elementary and Agassiz Secondary are the only other schools in the area and both are projected to have enrolment exceeding their capacity. The School District enrolment projections include local knowledge on housing developments in the District. The SD projections are approximately 7% lower than the 2019 Ministry enrolment projections.

As can be seen in the following table Harrison Hot Springs Elementary will be short 22 seats (1 classroom) for the projected enrolment in 2023 increasing to 39 seats by 2028. The School



District anticipates using the FDK module at the school to accommodate the projected over-capacity so this project request is for full replacement without expansion.

Enrolment Projection - Roll Forward & Housing Development							
Agassiz Zone		Enrolment Combined Impact			Capacity Shortfall		
School	Adj Capacity	2018	2023	2028	2018	2023	2028
Harrison	112	110	134	151	-2	22	39
Kent	345	299	326	389	-46	-19	44
Agassiz Sec	400	298	376	421	-102	-24	21

The Agassiz and Harrison area is served by two elementary schools accommodating grades K to 6 and one secondary school for grades 7 to 12. The first Google map below shows Harrison Hot Springs Elementary school and Kent Elementary School which are 10 kilometres apart. The second Google map shows Kent Elementary and Agassiz Secondary schools which are 1 kilometre apart. Due to the increasing enrolment the Long Range Facility Plan includes retention of the three schools with the current grade configurations.

Harrison Hot Springs Elementary to Kent Elementary School

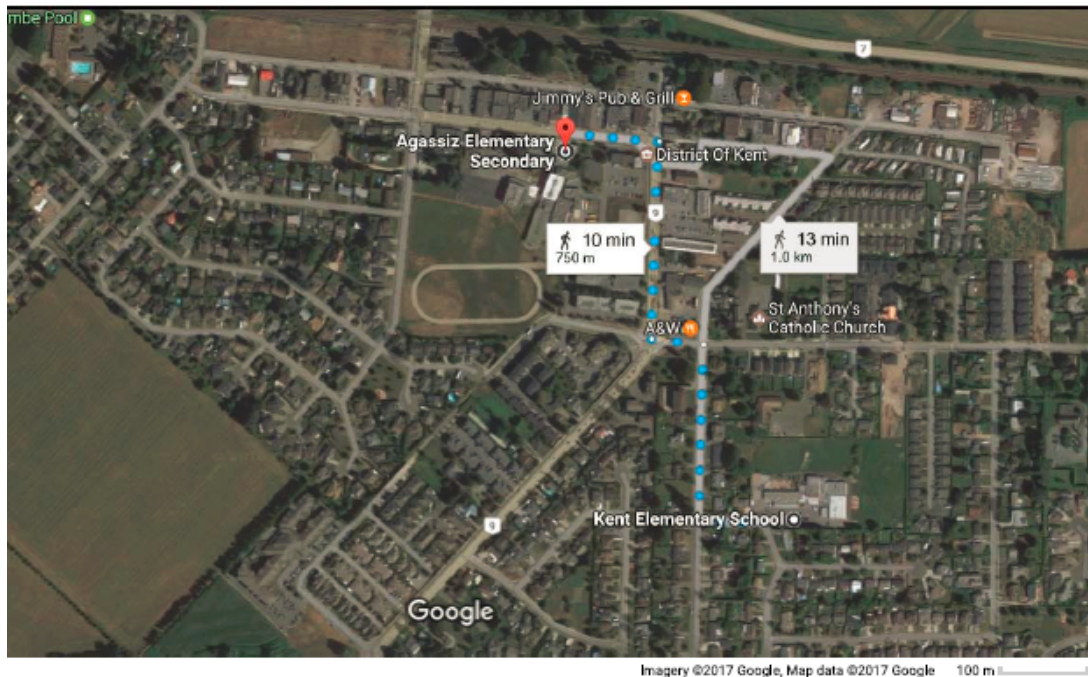
Drive 8.7 km, 10 min



Kent Elementary School to Agassiz Elementary Secondary

Walk 750 m, 10 min

Kent Elementary to Agassiz Secondary School with grades 7 to 12



## Options

It is recommended that at least three feasible options be provided that the school district has considered to address the need for seismic mitigation. Each option should include high-level information on project scope, schedule and budget, with more information required for the preferred option.

### Option 1 – Full Replacement (Recommended Option)

- Area:  
Existing school area: 932m<sup>2</sup>
- Recommended Option Rationale:  
Provide a comparison of the options explored and describe why this option is the recommended option.
- Scope of Work Description:

*The School District is requesting the full replacement of the 2K100E capacity Harrison Hot Springs Elementary School on the existing site. The scope of work includes:*

- Construction of the replacement building on the existing sports field;*
- Construction of 8 parking spots and access to the new school entrance;*
- Demolition of the 1949 structure;*
- Construction of a play field and relocation of play equipment*
- Relocation of the FDK module*

- Temporary Accommodation and Busing Plan:

*There is no requirement for temporary accommodations as the existing school will be occupied during construction.*

- Municipal Requirements:

Describe potential municipal requirements that may be triggered with this option.

*There are no known unusual municipal requirements so it is anticipated that the established unit rates will provide adequate funding to complete the project and satisfy the municipal requirements. Further discussions with the Municipality to reduce project cost will be pursued during the PDR phase.*

- Project Budget:

Project budgeting - Full Seismic Replacement cost estimate presented below is based on the Schedule B Companion Document

Harrison Hot Springs Elementary Replacement Cost Estimate 20K100			
Activity	Factor	Area	Cost
Base Rate	\$ 2,850	1160	incl
Size Factor ( sm)	1.02		incl
Location factor 1 Qtr 2017 adjustment	1.197		incl
Unit Rate	\$ 3,480		
Construction		1160	\$ 4,036,428
Site Development new school on existing			\$ 1,000,000
Planning Fees	12%		\$ 604,371.32
Post contract contingency	3%		\$ 121,092.83
Equipment Allowance x 1.1 freight	10%		\$ 354,568.50
Permits & municipal fees & DCC			\$ 150,000
Parking 5 classrooms x 2 x \$4,500			\$ 58,680
Demo			\$ 300,000
Project Management			\$ 93,000.00
Payable GST 4.4%	4.40%		\$ 237,385
Sub-Total			\$ 6,625,140
Risk Reserve	15%		\$ 993,771
Total Budget			\$ 7,618,911

Schedule B will be completed during the PDR phase. The cost estimate presented in the table above is considered a reasonable representation of the project costs.

The Design Aid Sheet is attached. The total area of 1160sm as per the Ministry Area Standards and is used in the project estimate above. There is no NLC included at this time.

#### Option 2 – Seismic Upgrade of the Existing School

*The SRA's have been completed for the gym and the classroom block identifying the high risk H-3 and H-2 respectively. The scope of work includes the typical improvements to unreinforced mason walls in the gym, increased shear capacity in the classroom walls and strengthening of the roof diaphragm in both blocks plus improved connections between the floor, walls and roof.*

*The structural costs are estimated to be \$xxx*

*The school would have to be vacated so the work can be completed without impacting the students and staff. Temporary accommodations would be required as the school is at full capacity.*

*The Project budget estimate is as follows:*

*The seismic upgrades do not address the deficiencies in the building layout and the building systems relative to a new school which is why the school district is interested in contributing to the replacement project.*

*If information is currently available, copy and paste the necessary sections in Option 1 and provide in Option 2.*

### Option 3 – School Boundary Adjustments

Adjusting the catchment area boundaries was considered but it was determined it is not a viable option. Kent and Agassiz schools are at capacity or expected to exceed their capacity in the foreseeable future. Closing Harrison Hot Springs Elementary and expanding Kent Elementary is not a viable option as the size of the addition to Kent would be 1100sm which is close to the 1160sm size of the replacement school. There would be costs for temporary accommodations and renovations to integrate the addition to the existing school. The costs would be similar and the closure would create additional long term busing costs. Closing Harrison Hot Spring Elementary would also create significant community concern.

### **Surrounding School Analysis**

The surrounding school analysis is provided using the capacity, current and forecasted enrolments, and calculated utilization (%) for the schools in the Agassiz Zone of the school district.

SCHOOLS	FCI	Nominal Capacity	Operating Capacity	Current Year 2018	Agassiz Zone - Surrounding Schools Analysis									
				Actual Enrolment	Enrolment Projections									
					Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Harrison Hot Springs Elementary	0.38	20K/100	112	108	114	116	123	132	134	139	142	144	146	151
% Utilization				96%	101%	104%	110%	118%	119%	124%	127%	129%	131%	134%
		International Students:		0										
Kent Elementary	0.43	40K/325E	317	294	304	313	312	322	326	339	354	368	376	389
% Utilization		(1 x SS)		93%	96%	99%	98%	102%	103%	107%	112%	116%	119%	123%
		International Students:		0										
Agassiz Secondary	0.49	400	400	293	308	332	354	368	376	387	388	395	400	421
% Utilization				73%	77%	83%	89%	92%	94%	97%	97%	99%	100%	105%
		International Students:		3										
Projected Enrolment Total			829	695	725	762	789	822	835	865	884	907	922	961
Overall % Utilization				84%	88%	92%	95%	99%	101%	104%	107%	109%	111%	116%
Total Surplus \ (Total Shortfall)				134	104	67	40	7	(6)	(36)	(55)	(78)	(93)	(132)

As stated previously there is no increase in the capacity of the schools as part of this seismic replacement project. It can be seen from the projections above that Harrison Hot Springs Elementary School will require the use of the existing FDK module to address the overcapacity in year 3. Kent Elementary and Agassiz Secondary will be at full capacity by year 4 and year 9 respectively.

### **Long-Range Facilities Plan**

The board of education has a Long-Range Facilities Plan (LRFP) in place for its school district.

### Section A

Date complete: 2016/11/29

The LRFP identified the requirement for reassessment of the seismic risk for Agassiz Secondary and Kent Elementary; Harrison Elementary was assessed at the same time. All three schools were identified as high seismic risk. The projects have been included in the SMP master list of seismic upgrade projects.

### Section B

Define the ongoing need for the school.

The 2016 LRFP identified the enrolment growth in the lower mainland and in particular in the Agassiz Harrison zone. The implementation of the reduced class size legislation has added to the capacity pressures at the three schools in the Agassiz Harrison zone.

### **Other**

The Municipality of Harrison Hot Springs has previously indicated an interest in shared capital assets. During the PDR phase once support for the project is confirmed the school district will engage in discussions with the municipality to investigate strategies which benefit both parties and may reduce the costs of the seismic replacement project.

### **Supporting Documentation**

The school district engaged Sure Hazmat to complete the hazardous material assessment of the school in 2016. The report will be provided upon request.





# SEISMIC PROJECT REQUEST FACT SHEET

SCHOOL DISTRICT No. **78**  
(**Fraser Cascade**)

**Harrison Hot Springs ELEMENTARY  
SCHOOL**

**Seismic Mitigation Project Type: \***  
**\*Full Seismic Replacement**

24 Jun 19

**Table A – Full Seismic Replacement of an Existing School**

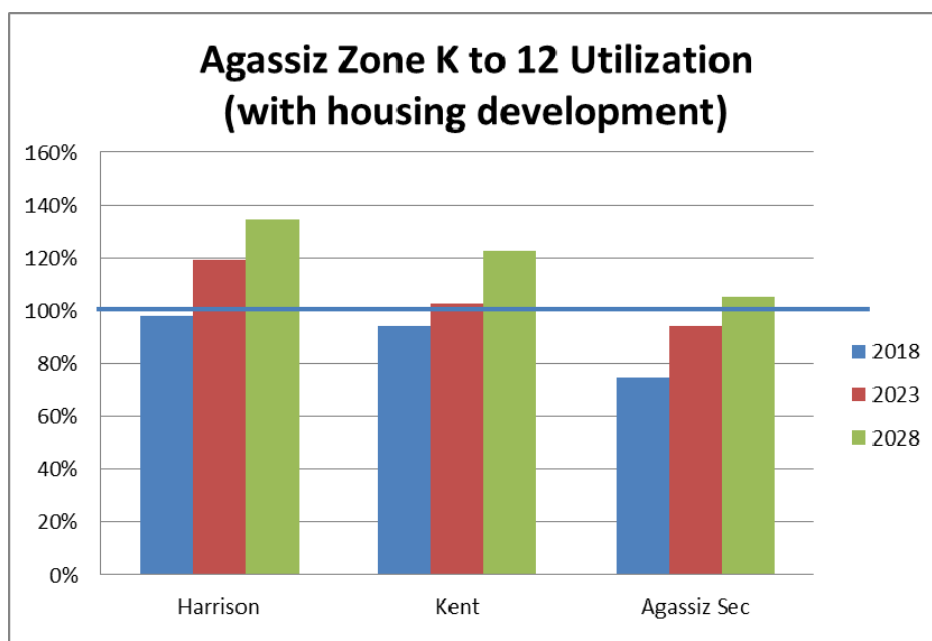
Proposed Project Information							School Information													
School District Project Priority Ranking: <ul style="list-style-type: none"> <li>1</li> </ul>							Grade Configuration of Existing School: <ul style="list-style-type: none"> <li>Grades K – 6</li> </ul> Grade Configuration of Partially-Replaced School: <ul style="list-style-type: none"> <li>Grades K – 6</li> </ul>													
<u>Partial Seismic Replacement Project</u> Project Budget Estimate: <ul style="list-style-type: none"> <li>\$7.6M</li> </ul> Anticipated Project Start Date: <ul style="list-style-type: none"> <li>11/2020</li> </ul> Anticipated School Occupancy Date: <ul style="list-style-type: none"> <li>06/2022</li> </ul>							Nominal Capacity of Existing School: <ul style="list-style-type: none"> <li>20 K/100 Elem/000 Sec</li> </ul> Nominal Capacity of Partially-Replaced School: <ul style="list-style-type: none"> <li>20 K/100 Elem/000 Sec</li> </ul> Change in Nominal Capacity: <ul style="list-style-type: none"> <li>±00 K/±000 Elem/±000 Sec</li> </ul>													
<u>Seismic Project Identification Report (SPIR) Completion:</u> <ul style="list-style-type: none"> <li>NO</li> </ul> If YES, provide date: <ul style="list-style-type: none"> <li>MM/YYYY</li> </ul> If YES, provide Cost Estimate: <ul style="list-style-type: none"> <li>\$</li> </ul>							Operating Capacity of Existing School: <ul style="list-style-type: none"> <li>19 K/93 Elem/000 Sec</li> </ul> Operating Capacity of Partially-Replaced School: <ul style="list-style-type: none"> <li>19 K/93 Elem/000 Sec</li> </ul> Change in Operating Capacity: <ul style="list-style-type: none"> <li>±00 K/±000 Elem/±000 Sec</li> </ul>													
Seismic Rapid Assessment Completion: <ul style="list-style-type: none"> <li>YES If YES, provide date:</li> <li>06/2019</li> </ul>							Utilization of Existing School: <ul style="list-style-type: none"> <li>98 %</li> </ul> Utilization of Fully Replaced School: <ul style="list-style-type: none"> <li>98 %</li> </ul>													
Seismic Risk: <table border="1" data-bbox="240 1178 812 1291"> <thead> <tr> <th>Seismic Risk Rating</th> <th>H1</th> <th>H2</th> <th>H3</th> <th>M</th> <th>L</th> </tr> </thead> <tbody> <tr> <td>No. of Blocks</td> <td>0</td> <td>1</td> <td>1</td> <td>0</td> <td>0</td> </tr> </tbody> </table>							Seismic Risk Rating	H1	H2	H3	M	L	No. of Blocks	0	1	1	0	0	Number of Classrooms in Existing School: <ul style="list-style-type: none"> <li>1 Kindergarten</li> <li>4 Elementary</li> <li>00 Secondary</li> </ul> Number of Classrooms in Partially Replaced School: <ul style="list-style-type: none"> <li>1 Kindergarten</li> <li>4 Elementary</li> <li>00 Secondary</li> </ul> Change in Number of Classrooms: <ul style="list-style-type: none"> <li>±00 Kindergarten</li> <li>±00 Elementary</li> <li>±00 Secondary</li> </ul>	
Seismic Risk Rating	H1	H2	H3	M	L															
No. of Blocks	0	1	1	0	0															
							Number of Portable Classrooms On-Site <ul style="list-style-type: none"> <li>1 x FDK</li> </ul>													
							Current Facility Condition Index (FCI) of Existing School: <ul style="list-style-type: none"> <li>0.38 (requires further review of conditions)</li> </ul>													
							Future Facility Condition Index (FCI) of Existing School: <ul style="list-style-type: none"> <li>0.00</li> </ul>													



## Project Rationale

Harrison Elementary School replacement is the top capital project for the School District. The 2019 SRA's identified both the gymnasium and the classroom blocks of the school as high seismic risk H-3 and H-2 respectively. In addition the 1949 school has served the community for 70 years and has reached the end of its service life. The School District is prepared to contribute significant local funds to offset a portion of the project costs to allow the project to proceed more quickly.

Harrison Hot Springs Elementary is the only school in the community of Harrison Hots Springs which is experiencing continued growth so retention of the school is a requirement. The utilization rate for Harrison Elementary is currently at 98% and is expected to exceed 134% by 2028 as shown in the following graph.



The high cost of housing in the Greater Vancouver Regional District has caused families to locate in the Fraser Valley Regional District. Recent growth rates have exceeded previous projections.

Kent Elementary and Agassiz Secondary are the only other schools in the area and both are projected to have enrolment exceeding their capacity. The School District enrolment projections include local knowledge on housing developments in the District. The SD projections are approximately 7% lower than the 2019 Ministry enrolment projections.

As can be seen in the following table Harrison Hot Springs Elementary will be short 22 seats (1 classroom) for the projected enrolment in 2023 increasing to 39 seats by 2028. The School

District anticipates using the FDK module at the school to accommodate the projected over-capacity so this project request is for full replacement without expansion.

Enrolment Projection - Roll Forward & Housing Development							
Agassiz Zone		Enrolment Combined Impact			Capacity Shortfall		
School	Adj Capacity	2018	2023	2028	2018	2023	2028
Harrison	112	110	134	151	-2	22	39
Kent	317	299	326	389	-18	9	72
Agassiz Sec	400	298	376	421	-102	-24	21

The Agassiz and Harrison area is served by two elementary schools accommodating grades K to 6 and one secondary school for grades 7 to 12. The first Google map below shows Harrison Hot Springs Elementary school and Kent Elementary School which are 10 kilometres apart. The second Google map shows Kent Elementary and Agassiz Secondary schools which are 1 kilometre apart. Due to the increasing enrolment the Long Range Facility Plan includes retention of the three schools with the current grade configurations.

Harrison Hot Springs Elementary to Kent Elementary School

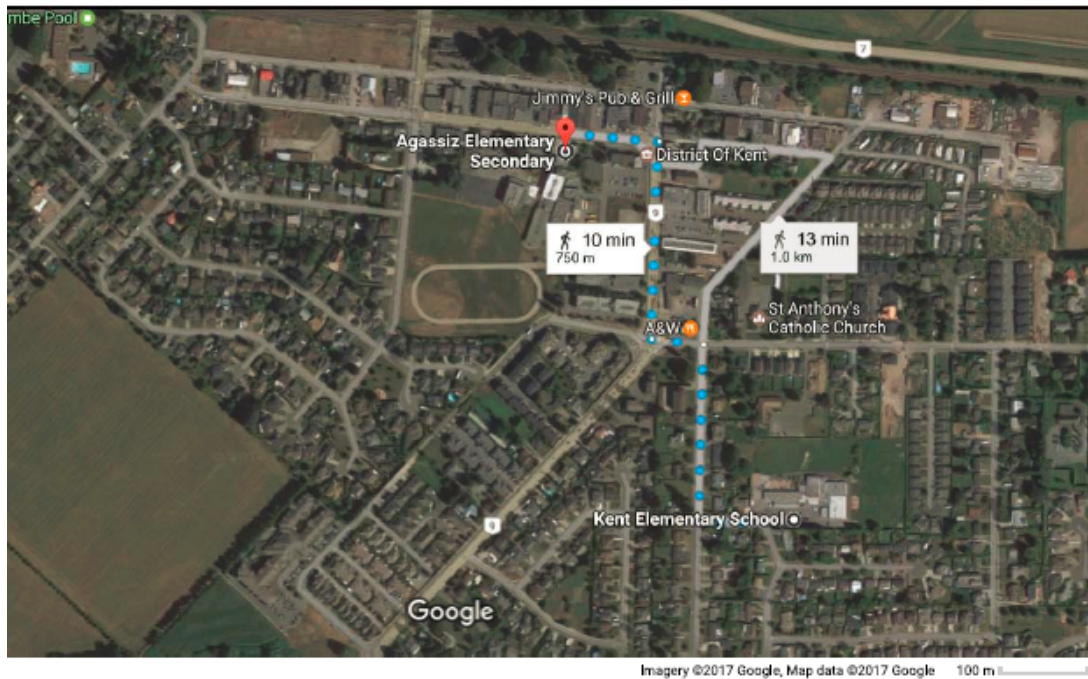
Drive 8.7 km, 10 min



Kent Elementary School to Agassiz Elementary Secondary

Walk 750 m, 10 min

Kent Elementary to Agassiz Secondary School with grades 7 to 12



## Options

The school district considered the following three options:

Option 1 – Full Seismic Replacement (preferred option)

Option 2 – Seismic Upgrade

Option 3 – Boundary Adjustments

### Option 1 – Full Replacement (Recommended Option)

- Area:  
Existing school area: 932m<sup>2</sup>
- Recommended Option Rationale:  
Provide a comparison of the options explored and describe why this option is the recommended option.
- Scope of Work Description:

*The School District is requesting the full replacement of the 2K100E capacity Harrison Hot Springs Elementary School on the existing site. The scope of work includes:*

- Construction of the replacement building on the existing sports field;*
- Construction of 8 parking spots and access to the new school entrance;*
- Demolition of the 1949 structure;*
- Construction of a play field and relocation of play equipment*
- Relocation of the FDK module*

- Temporary Accommodation and Busing Plan:

*There is no requirement for temporary accommodations as the existing school will be occupied during construction.*

- Municipal Requirements:  
Describe potential municipal requirements that may be triggered with this option.

*There are no known unusual municipal requirements so it is anticipated that the established unit rates will provide adequate funding to complete the project and satisfy the municipal requirements. Further discussions with the Municipality to reduce project cost will be pursued during the PDR phase.*

- Project Budget:

Project budgeting - Full Seismic Replacement cost estimate presented below is based on the Schedule B Companion Document

Harrison Hot Springs Elementary Replacement Cost Estimate 20K100			
Activity	Factor	Area	Cost
Base Rate	\$ 2,850	1160	incl
Size Factor ( sm)	1.02		incl
Location factor 1 Qtr 2017 adjustment	1.197		incl
Unit Rate	\$ 3,480		
Construction		1160	\$ 4,036,428
Site Development new school on existing			\$ 1,000,000
Planning Fees	12%		\$ 604,371.32
Post contract contingency	3%		\$ 121,092.83
Equipment Allowance x 1.1 freight	10%		\$ 354,568.50
Permits & municipal fees & DCC			\$ 150,000
Parking 5 classrooms x 2 x \$4,500			\$ 58,680
Demo			\$ 300,000
Project Management			\$ 93,000.00
Payable GST 4.4%	4.40%		\$ 237,385
Sub-Total			\$ 6,625,140
Risk Reserve	15%		\$ 993,771
Total Budget			\$ 7,618,911

Schedule B will be completed during the PDR phase. The cost estimate presented in the table above is considered a reasonable representation of the project costs.

The Design Aid Sheet is attached. The total area of 1160sm as per the Ministry Area Standards and is used in the project estimate above. There is no NLC included at this time.

#### Option 2 – Seismic Upgrade of the Existing School

*The SRA's have been completed for the gym and the classroom block identifying the high risk H-3 and H-2 respectively. The scope of work includes the typical improvements to unreinforced mason walls in the gym, increased shear capacity in the classroom walls and strengthening of the roof diaphragm in both blocks plus improved connections between the floor, walls and roof.*

*The structural costs will need to be further developed in the SPIR however for planning purposes the SMP unit rates for the type of construction have been used along with the appropriate factors from the Schedule B Companion Document. The structural costs are estimated to be \$1.4M as shown in the following table.*

Harrison Hot Springs Seismic Upgrade Construction Cost Estimate					
Block	Construction Type	Area	2018 Unit Rate	Upgrade Cost	Escalation to 2019
1	32	250	1,579	\$ 394,750	\$ 434,225
2	22	650	1,385	\$ 900,250	\$ 990,275
Construction Total		900			\$ 1,424,500

*The school would have to be vacated so the work can be completed without impacting the students and staff. Temporary accommodations would be required as the school is at full capacity.*

The Total project budget is \$2.6M as presented in the following table:

Harrison Hot Springs Elementary Seismic Project Cost Estimate 20K100			
Activity	Factor	Area	Cost
Construction		900	\$ 1,424,500
Code Requirements			\$ 50,000
OFCs	35\$/sm		\$ 31,500
Location Factor	0.197		\$ 296,682
Planning Fees	16%		\$ 288,429.12
Post contract contingency	3%		\$ 42,735.00
Permits & municipal fees			\$ 50,000
Temporary Accommodations			\$ 120,000
Project Management			\$ 93,000.00
Payable GST 4.4%	4.40%		\$ 103,261
Sub-Total			\$ 2,303,846
Risk Reserve	15%		\$ 345,577
Total Budget			\$ 2,649,423

*The seismic upgrades do not address the deficiencies in the building layout and the building systems relative to a new school which so the school district is interested in contributing to the replacement project.*

### Option 3 – School Boundary Adjustments

Adjusting the catchment area boundaries was considered but it was determine it is not a viable option. Kent and Agassiz schools are at capacity or expected to exceed their capacity in the foreseeable future. Closing Harrison Hot Springs Elementary and expanding Kent Elementary is not a viable option as the size of the addition to Kent would be 1100sm which is close to the 1160sm size of the replacement school. There would be costs for temporary accommodations and renovations to integrate the addition to the existing school. The costs would be similar and the closure would create additional long term busing costs. Closing Harrison Hot Spring Elementary would also create significant community concern.



## Surrounding School Analysis

The surrounding school analysis is provided using the capacity, current and forecasted enrolments, and calculated utilization (%) for the schools in the Agassiz Zone of the school district.

SCHOOLS	FCI	Nominal Capacity	Operating Capacity	Current Year 2018	Agassiz Zone - Surrounding Schools Analysis										
				Actual Enrolment	Enrolment Projections										
					Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	
Harrison Hot Springs Elementary	0.38	20K/100	112	108	114	116	123	132	134	139	142	144	146	151	
% Utilization				96%	101%	104%	110%	118%	119%	124%	127%	129%	131%	134%	
		International Students:		0											
Kent Elementary	0.43	40K/325E	317	294	304	313	312	322	326	339	354	368	376	389	
% Utilization		(1 x SS)		93%	96%	99%	98%	102%	103%	107%	112%	116%	119%	123%	
		International Students:		0											
Agassiz Secondary	0.49	400	400	293	308	332	354	368	376	387	388	395	400	421	
% Utilization				73%	77%	83%	89%	92%	94%	97%	97%	99%	100%	105%	
		International Students:		3											
Projected Enrolment Total				829	695	725	762	789	822	835	865	884	907	922	961
Overall % Utilization				84%	88%	92%	95%	99%	101%	104%	107%	109%	111%	116%	
Total Surplus \ (Total Shortfall)				134	104	67	40	7	(6)	(36)	(55)	(78)	(93)	(132)	

As stated previously there is no increase in the capacity of the schools as part of this seismic replacement project. It can be seen from the projections above that Harrison Hot Springs Elementary School will require the use of the existing FDK module to address the overcapacity in year 3. Kent Elementary and Agassiz Secondary will be at full capacity by year 4 and year 9 respectively.

## Long-Range Facilities Plan

The board of education has a Long-Range Facilities Plan (LRFP) in place for its school district.

### Section A

Date complete: 2016/11/29

The LRFP identified the requirement for reassessment of the seismic risk for Agassiz Secondary and Kent Elementary; Harrison Elementary was assessed at the same time. All three schools were identified as high seismic risk. The projects have been included in the SMP master list of seismic upgrade projects.

### Section B

The 2016 LRFP identified the enrolment growth in the lower mainland and in particular in the Agassiz Harrison zone. The implementation of the reduced class size legislation has added to the capacity pressures at the three schools in the Agassiz Harrison zone.

### **Other**

The Municipality of Harrison Hot Springs has previously indicated an interest in shared capital assets. During the PDR phase once support for the project is confirmed the school district will engage in discussions with the municipality to investigate strategies which benefit both parties and may reduce the costs of the seismic replacement project.

### **Supporting Documentation**

The school district engaged Sure Hazmat to complete the hazardous material assessment of the school in 2016. The report will be provided upon request.





# SEISMIC PROJECT REQUEST FACT SHEET

SCHOOL DISTRICT No. 78  
(Fraser Cascade)

**KENT ELEMENTARY SCHOOL**

Seismic Mitigation Project Type: \*  
\***Seismic Upgrade**  
24 Jun 19

**Table A – Full Seismic Replacement of an Existing School**

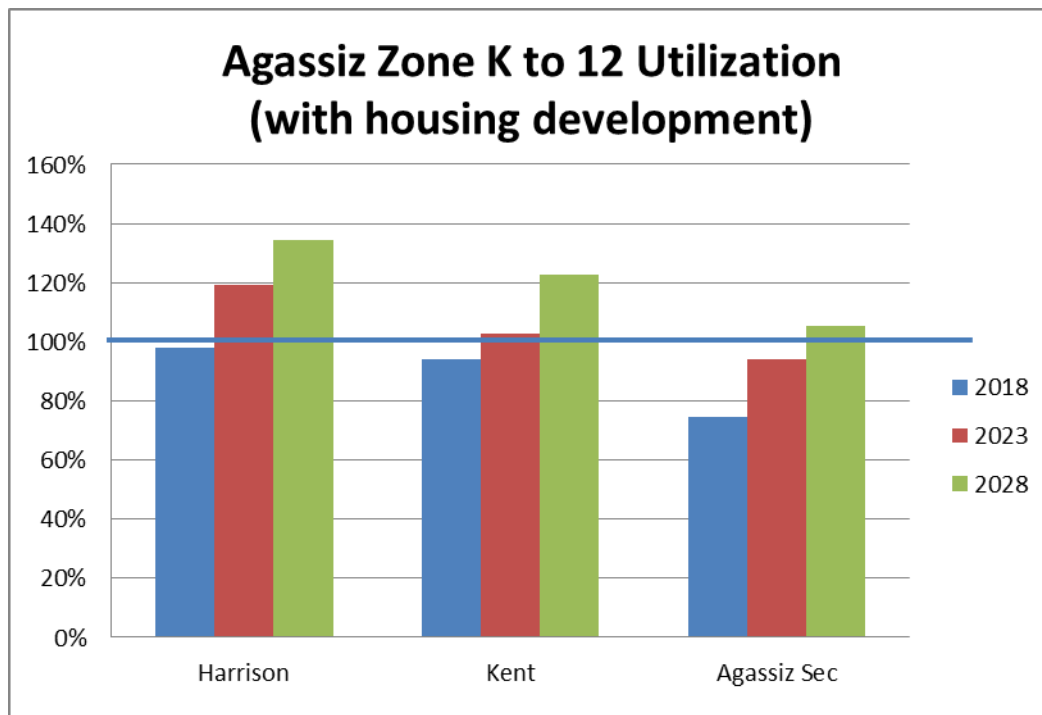
Proposed Project Information							School Information													
School District Project Priority Ranking: <ul style="list-style-type: none"> <li>3</li> </ul>							Grade Configuration of Existing School: <ul style="list-style-type: none"> <li>Grades K – 6</li> </ul> Grade Configuration of Partially-Replaced School: <ul style="list-style-type: none"> <li>Grades K – 6</li> </ul>													
<u>Seismic Upgradet Project</u> Project Budget Estimate: <ul style="list-style-type: none"> <li>\$7.6M</li> </ul> Anticipated Project Start Date: <ul style="list-style-type: none"> <li>11/2020</li> </ul> Anticipated School Occupancy Date: <ul style="list-style-type: none"> <li>09/2021</li> </ul>							Nominal Capacity of Existing School: <ul style="list-style-type: none"> <li>40 K/350 Elem/000 Sec</li> </ul> Nominal Capacity of Partially-Replaced School: <ul style="list-style-type: none"> <li>40 K/350 Elem/000 Sec</li> </ul> Change in Nominal Capacity: <ul style="list-style-type: none"> <li>±00 K/±000 Elem/±000 Sec</li> </ul>													
<u>Seismic Project Identification Report (SPIR) Completion:</u> <ul style="list-style-type: none"> <li>NO</li> </ul> If YES, provide date: <ul style="list-style-type: none"> <li>MM/YYYY</li> </ul> If YES, provide Cost Estimate: <ul style="list-style-type: none"> <li>\$</li> </ul>							Operating Capacity of Existing School: <ul style="list-style-type: none"> <li>38 K/279 Elem/000 Sec</li> </ul> Operating Capacity of Partially-Replaced School: <ul style="list-style-type: none"> <li>38 K/279 Elem/000 Sec</li> </ul> Change in Operating Capacity: <ul style="list-style-type: none"> <li>±00 K/±000 Elem/±000 Sec</li> </ul>													
Seismic Rapid Assessment Completion: <ul style="list-style-type: none"> <li>YES If YES, provide date:</li> <li>06/2019</li> </ul>							Utilization of Existing School: <ul style="list-style-type: none"> <li>93 %</li> </ul> Utilization of Upgraded School: <ul style="list-style-type: none"> <li>93 %</li> </ul>													
Seismic Risk: <table border="1" data-bbox="240 1178 812 1291"> <thead> <tr> <th>Seismic Risk Rating</th> <th>H1</th> <th>H2</th> <th>H3</th> <th>M</th> <th>L</th> </tr> </thead> <tbody> <tr> <td>No. of Blocks</td> <td>0</td> <td>1</td> <td></td> <td>0</td> <td>0</td> </tr> </tbody> </table>							Seismic Risk Rating	H1	H2	H3	M	L	No. of Blocks	0	1		0	0	Number of Classrooms in Existing School: <ul style="list-style-type: none"> <li>2 Kindergarten</li> <li>12 Elementary</li> <li>1 Strong Start</li> </ul> Number of Classrooms in Upgraded School: <ul style="list-style-type: none"> <li>2 Kindergarten</li> <li>12 Elementary</li> <li>1 Strong Start</li> </ul> Change in Number of Classrooms: <ul style="list-style-type: none"> <li>±00 Kindergarten</li> <li>±00 Elementary</li> <li>±00 Secondary</li> </ul>	
Seismic Risk Rating	H1	H2	H3	M	L															
No. of Blocks	0	1		0	0															
							Number of Portable Classrooms On-Site <ul style="list-style-type: none"> <li>1</li> </ul>													
							Current Facility Condition Index (FCI) of Existing School: <ul style="list-style-type: none"> <li>0.43 (requires further review of conditions)</li> </ul>													
							Future Facility Condition Index (FCI) of Existing School: <ul style="list-style-type: none"> <li>0.40</li> </ul>													

## Project Rationale

Describe the need for the seismic mitigation project by identifying the primary drivers, which may include seismic risk classification as well as building condition, and enrolment pressure, and the recommended option. Clearly articulate how the need cannot be resolved through other means by the school district, such as, changes in catchment areas; changes in educational programming; grade re-configuration; consolidation of existing schools; and utilization of available restricted capital funds or local capital funds.

Kent Elementary School seismic upgrade is the 3rd top seismic project for the School District. It is a relatively minor and straight forward structural upgrade of the gymnasium which could be completed quickly without a significant impact on the school. The 2019 SRA's identified the gymnasium as high seismic risk H-2. The school was expanded by two classrooms in 2017 due to the capacity shortage. There are no unusual requirements beyond the structural work which involves enhanced shear walls and roof diaphragm and improved connections between the roof walls floor and foundations. The school district staff will use a CM approach which they have used very effectively on past projects.

Kent Elementary is the only elementary school in the community of Agassiz which is experiencing continued growth so retention of the school is a requirement. The utilization rate for Kent Elementary is currently at 93% and is expected to exceed 114% by 2028 as shown in the following graph.



The high cost of housing in the Greater Vancouver Regional District has caused families to locate in the Fraser Valley Regional District. Recent growth rates have exceeded previous projections.

Harrison Hot Springs Elementary and Agassiz Secondary are the only other schools in the Agassiz zone and both are projected to have enrolment exceeding their capacity. The School District enrolment projections include local knowledge on housing developments in the District. The SD projections are approximately 7% lower than the 2019 Ministry enrolment projections.

As can be seen in the following table Kent Elementary will be short 9 seats by 2023 and 72 seats by 2028 for the projected enrolment. The School District has also requested an expansion project for the school to accommodate the projected over-capacity so this project request is for the structural upgrade without expansion.

Enrolment Projection - Roll Forward & 1.6% Development							
Agassiz Zone		Enrolment			Capacity Shortfall		
School	Adj Capacity	2018	2023	2028	2018	2023	2028
Harrison	112	110	134	151	-2	22	39
Kent	317	299	326	389	-18	9	72
Agassiz Sec	400	298	376	421	-102	-24	21

The Agassiz and Harrison area is served by two elementary schools accommodating grades K to 6 and one secondary school for grades 7 to 12. The first Google map below shows Harrison Hot Springs Elementary School and Kent Elementary School which are 10 kilometres apart. The second Google map shows Kent Elementary and Agassiz Secondary schools which are 1 kilometre apart. Due to the increasing enrolment the Long Range Facility Plan includes retention of the three schools with the current grade configurations.

Harrison Hot Springs Elementary to Kent Elementary School

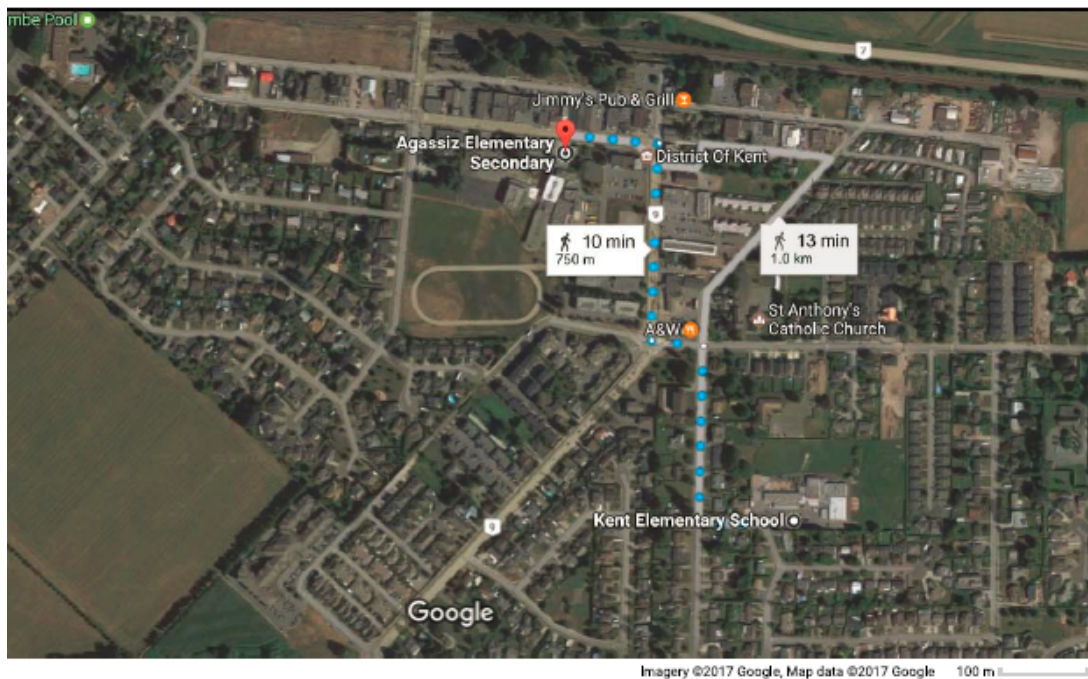
Drive 8.7 km, 10 min



Kent Elementary School to Agassiz Elementary Secondary

Walk 750 m, 10 min

Kent Elementary to Agassiz Secondary School with grades 7 to 12



## Options

The school district only considered the seismic upgrade project which is seen as a relatively simple and straight forward seismic project. Kent Elementary and the surrounding schools are at or near capacity so all three schools are required for the long term.

### Option 1 – Seismic Upgrade of Kent Elementary (Recommended Option)

*The SRA has been completed for the gym and the ancillary spaces around the gym block which total 600sm and has been assessed as high seismic risk H-2. The scope of work includes the typical improvements to increase the shear capacity in the walls, strengthening the roof diaphragm plus enhancing the connections between the floor, walls and roof. The remainder of the school is low risk. The OFCs scope of work for the entire school will be assessed during the PDR phase.*

*The school district will complete the work using a construction manager. Temporary accommodations will not be required as there is no practical temporary accommodation for a small gymnasium project. The school administration will be provided adequate notice and the work will be scheduled during the spring and some so the lack of the gym does not impose significant difficulties on school operations.*

- Area:  
Existing school area: 2,778m<sup>2</sup>
- Recommended Option Rationale:  
Provide a comparison of the options explored and describe why this option is the recommended option.
- Scope of Work Description:

*The School District is requesting the seismic upgrade of the gym and the ancillary spaces in the gym block.  
The work will include adding plywood to the gym walls and roof deck to enhance the shear capacity and enhancing the connections between the roof and the walls and the walls and the floor.  
Reinforcement of the walls will also be applied to address the lateral loading from the adjacent single storey ancillary space around the gym.  
The work on the walls will be completed from inside the gym so the interior surfaces will have to be refinished. The work on the roof will be completed from the outside so a new SBS roof membrane and insulation will be required.*



- Temporary Accommodation and Busing Plan:

*There is no requirement for temporary accommodations or bussing. The work will be scheduled in the spring and summer to minimize the impact of the loss of the gym on school operations.*

- Municipal Requirements:

Describe potential municipal requirements that may be triggered with this option.

*There are no known municipal requirements. The parking requirements were addressed during the recently completed expansion project.*

- Project Budget:

Construction budget will need to be updated based on the SPIR scope of work however for planning purposes the seismic upgrade cost estimate presented below is based on SMP 2018 unit rates for the construction type as presented in the following table.

Kent Elementary Gym Block Seismic Upgrade Construction Cost Estimate					
Block	Construction Type	Area	2018 Unit Rate	Upgrade Cost	Escalation to 2019
1	22	600	1,385	\$ 831,000	\$ 914,100
Construction Total		600			\$ 914,100

The cost estimate presented in the following table is based on the construction estimate and the appropriate factors from the Schedule B Companion Document. The Project Budget is considered a reasonable representation of the project costs. The Schedule B will be completed during the PDR phase based on better information such as the SPIR scope of work and geotechnical assessment.

The area of work is limited to the 600sm for the gym and ancillary space around the gym which is rated as high seismic risk H-2.

### Surrounding School Analysis

The surrounding school analysis is provided using the capacity, current and forecasted enrolments, and calculated utilization (%) for the project school and its surrounding schools.

SCHOOLS	FCI	Nominal Capacity	Operating Capacity	Current Year 2018	Agassiz Zone - Surrounding Schools Analysis									
				Actual Enrolment	Enrolment Projections									
					Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Harrison Hot Springs Elementary	0.38	20K/100	112	108	114	116	123	132	134	139	142	144	146	151
% Utilization				96%	101%	104%	110%	118%	119%	124%	127%	129%	131%	134%
		International Students:		0										
Kent Elementary	0.43	40K/325E	317	294	304	313	312	322	326	339	354	368	376	389
% Utilization		(1 x SS)		93%	96%	99%	98%	102%	103%	107%	112%	116%	119%	123%
		International Students:		0										
Agassiz Secondary	0.49	400	400	293	308	332	354	368	376	387	388	395	400	421
% Utilization				73%	77%	83%	89%	92%	94%	97%	97%	99%	100%	105%
		International Students:		3										
Projected Enrolment Total			829	695	725	762	789	822	835	865	884	907	922	961
Overall % Utilization				84%	88%	92%	95%	99%	101%	104%	107%	109%	111%	116%
Total Surplus \ (Total Shortfall)				134	104	67	40	7	(6)	(36)	(55)	(78)	(93)	(132)

As stated previously there is no increase in the capacity of the schools as part of this seismic project. It can be seen from the projections above that Kent Elementary School will require the use of a portable to address the overcapacity in by 2022. Harrison Hot Springs Elementary and Agassiz Secondary will be at full capacity by year 1 and year 9 respectively.

## Long-Range Facilities Plan

The board of education has a Long-Range Facilities Plan (LRFP) in place for its school district.

### Section A

Date complete: 2016/11/29

The LRFP identified the requirement for reassessment of the seismic risk for Agassiz Secondary and Kent Elementary; Harrison Elementary was assessed at the same time. All three schools were identified as high seismic risk. The projects have been included in the SMP master list of seismic upgrade projects.

### Section B

The 2016 LRFP identified the enrolment growth in the lower mainland and in particular in the Agassiz Harrison zone. The implementation of the reduced class size legislation has added to the capacity pressures at the three schools in the Agassiz Harrison zone. It is evident from the enrolment projections presented in the previous table that all three schools in the Agassiz Zone are required for the foreseeable future.

## Other

### Supporting Documentation

The school district completed a hazardous material assessment of the school in 2016. They also completed the topographic survey of the school site in 2017.

These documents will be provided upon request.





# SEISMIC PROJECT REQUEST FACT SHEET

SCHOOL DISTRICT No. **78**  
(**FRASER CASCADE**)

**AGASSIZ ELEMENTARY SECONDARY  
SCHOOL**

**Seismic Mitigation Project Type: \***  
**\*Partial Seismic Replacement**

24 Jun 19

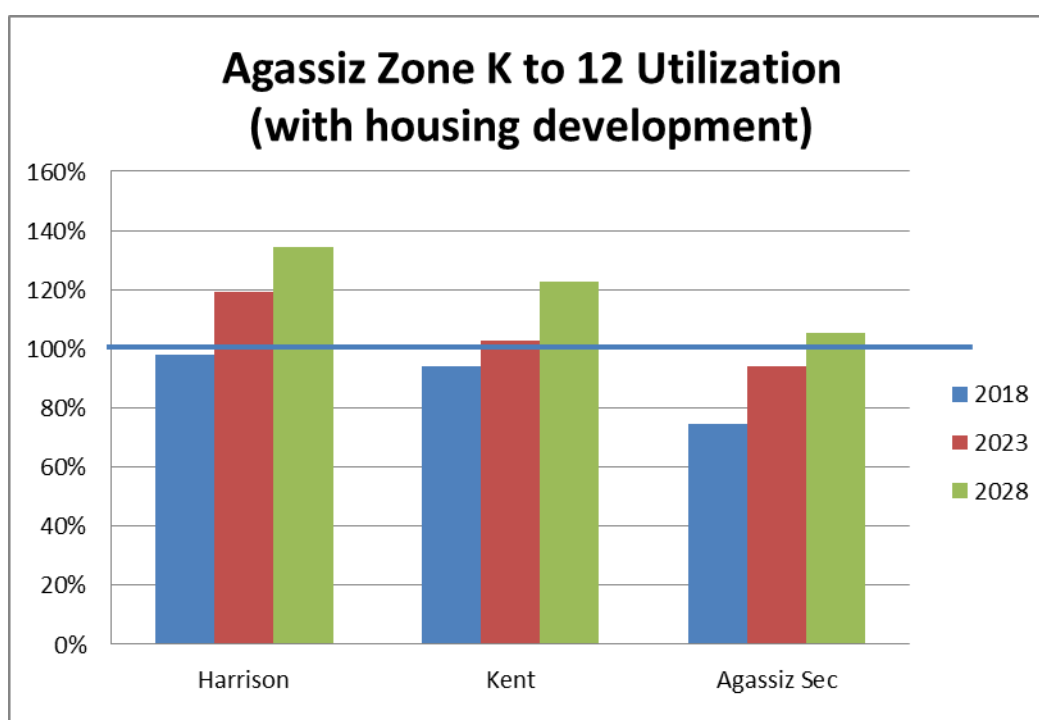
**Table A – Full Seismic Replacement of an Existing School**

Proposed Project Information							School Information																		
School District Project Priority Ranking: <ul style="list-style-type: none"><li>2</li></ul>							Grade Configuration of Existing School: <ul style="list-style-type: none"><li>Grades 7 - 12</li></ul> Grade Configuration of Partially-Replaced School: <ul style="list-style-type: none"><li>Grades 7 -12</li></ul>																		
<u>Partial Seismic Replacement Project</u> Project Budget Estimate: <ul style="list-style-type: none"><li>\$20M plus \$3M reserve</li></ul> Anticipated Project Start Date: <ul style="list-style-type: none"><li>03/2021</li></ul> Anticipated School Occupancy Date: <ul style="list-style-type: none"><li>06/2023</li></ul>							Nominal Capacity of Existing School: <ul style="list-style-type: none"><li>0 K/75 Elem/325 Sec</li></ul> Nominal Capacity of Partially-Replaced School: <ul style="list-style-type: none"><li>0 K/75 Elem/325 Sec</li></ul> Change in Nominal Capacity: <ul style="list-style-type: none"><li>±00 K/±000 Elem/±000 Sec</li></ul>																		
<u>Seismic Project Identification Report (SPIR)</u> <u>Completion:</u> <ul style="list-style-type: none"><li>NO</li></ul> If YES, provide date: <ul style="list-style-type: none"><li>MM/YYYY</li></ul> If YES, provide Cost Estimate: <ul style="list-style-type: none"><li>\$</li></ul>							Operating Capacity of Existing School: <ul style="list-style-type: none"><li>00 K/75 Elem/325 Sec</li></ul> Operating Capacity of Partially-Replaced School: <ul style="list-style-type: none"><li>00 K/75 Elem/325 Sec</li></ul> Change in Operating Capacity: <ul style="list-style-type: none"><li>±00 K/±000 Elem/±000 Sec</li></ul>																		
Seismic Rapid Assessment Completion: <ul style="list-style-type: none"><li>YES If YES, provide date:</li><li>06/2019</li></ul>							Utilization of Existing School: <ul style="list-style-type: none"><li>77 %</li></ul> Utilization of Fully Replaced School: <ul style="list-style-type: none"><li>92% (year 4)</li></ul>																		
Seismic Risk: <table><tr><td>Seismic Risk Rating</td><td>H1</td><td>H2</td><td>H3</td><td>M</td><td>L</td></tr><tr><td>No. of Blocks</td><td>3</td><td>0</td><td>0</td><td>0</td><td>2</td></tr></table>							Seismic Risk Rating	H1	H2	H3	M	L	No. of Blocks	3	0	0	0	2	Number of Classrooms in Existing School: <ul style="list-style-type: none"><li>0 Kindergarten</li><li>3 Elementary</li><li>14 Secondary</li></ul> Number of Classrooms in Partially Replaced School: <ul style="list-style-type: none"><li>0 Kindergarten</li><li>3 Elementary</li><li>14 Secondary</li></ul> Change in Number of Classrooms: <ul style="list-style-type: none"><li>±00 Kindergarten</li><li>±00 Elementary</li><li>±00 Secondary</li></ul>						
Seismic Risk Rating	H1	H2	H3	M	L																				
No. of Blocks	3	0	0	0	2																				
							Number of Portable Classrooms On-Site <ul style="list-style-type: none"><li>0</li></ul>																		
							Current Facility Condition Index (FCI) of Existing School: <ul style="list-style-type: none"><li>0.49 (requires further review of conditions)</li></ul>																		
							Future Facility Condition Index (FCI) of Existing School: <ul style="list-style-type: none"><li>~0.10</li></ul>																		

## Project Rationale

Agassiz Elementary-Secondary School seismic partial replacement is the second top priority capital project for the School District. The 2019 SRAs identified the three 1952 blocks as high risk H-1. The blocks include the two classroom blocks and the administration core of the school. The gymnasium located at the west side and the shop wing located on the east side of the high risk blocks were constructed after 1991 so were not assessed and are considered low risk. The three high risk blocks of the school have served the community for 67 years and they have reached the end of their service life. The School District is prepared to contribute significant local funds to offset a portion of the project costs to allow the replacement project to proceed more quickly. In addition the existing school ground floor is approximately 1.1 metres below the flood construction level established by the municipality. The gym was constructed in 2001 at this higher level which created a barrier free access issue between the new and the old structures.

Agassiz Elementary-Secondary School accommodates students in grades 7 to 12. It is the only secondary school in the Agassiz zone. The Agassiz area is experiencing continued growth so retention of the school is a requirement. The utilization rate for Agassiz Elem-Secondary is currently at 77% and is expected to exceed 100% by 2028 as shown in the following graph.



The high cost of housing in the Greater Vancouver Regional District has caused families to locate in the Fraser Valley Regional District. Recent growth rates have exceeded previous projections.

Kent Elementary and Harrison Hots Spring Elementary are the only other schools in the area and both are projected to have enrolment exceeding their capacity. The School District enrolment

projections include local knowledge on housing developments in the District. The SD projections are approximately 7% lower than the 2019 Ministry enrolment projections.

As can be seen in the following table Agassiz Elementary-Secondary will be short 21 seats (1 classroom) for the projected enrolment by 2028. The School District anticipates using a modular classroom at the school to accommodate the projected over-capacity so this project request is for partial replacement without expansion.

Enrolment Projection - Roll Forward & 1.6% Development							
Agassiz Zone		Enrolment			Capacity Shortfall		
School	Adj Capacity	2018	2023	2028	2018	2023	2028
Harrison	112	110	134	151	-2	22	39
Kent	317	299	326	389	-18	9	72
Agassiz Sec	400	298	376	421	-102	-24	21

The Agassiz and Harrison area is served by two elementary schools accommodating grades K to 6 and one secondary school for grades 7 to 12. The first Google map below shows Harrison Hot Springs Elementary school and Kent Elementary School which are 10 kilometres apart. The second Google map shows Kent Elementary and Agassiz Secondary schools which are 1 kilometre apart. Due to the increasing enrolment the Long Range Facility Plan includes retention of the three schools with the current grade configurations.

Harrison Hot Springs Elementary to Kent Elementary School

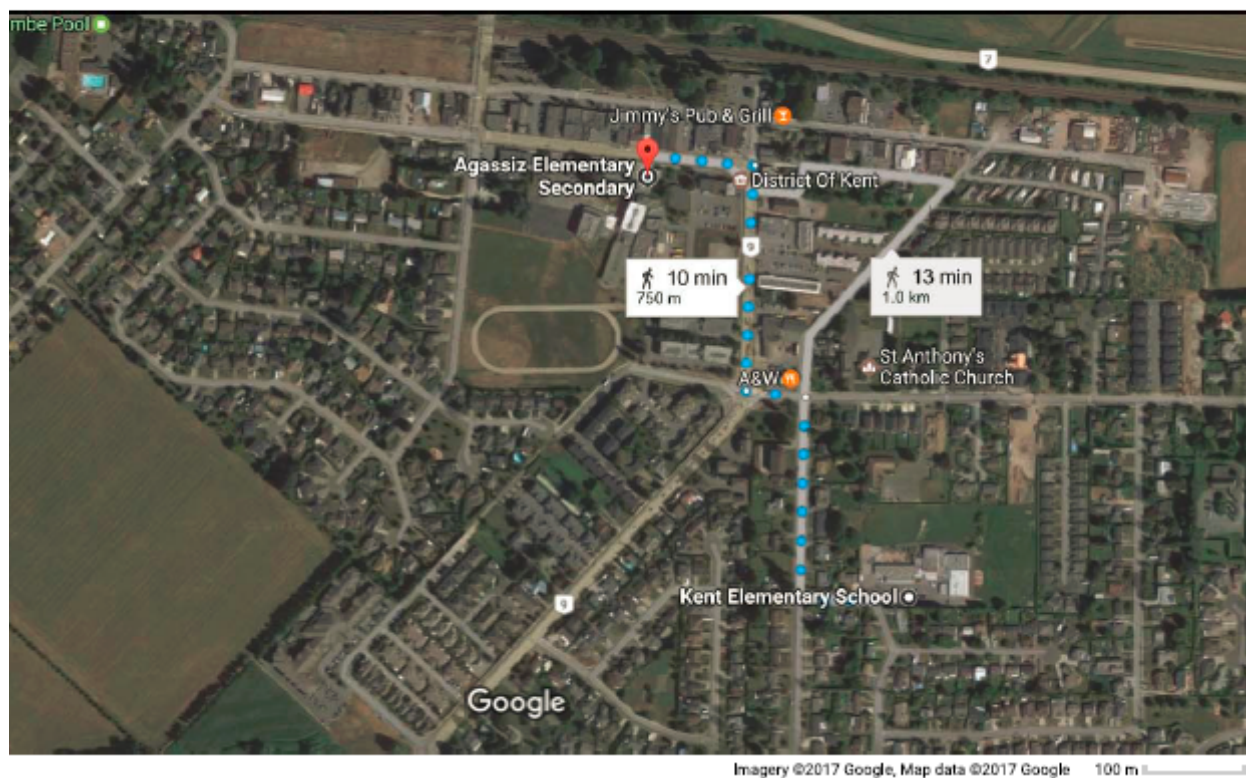
Drive 8.7 km, 10 min



Kent Elementary School to Agassiz Elementary Secondary

Walk 750 m, 10 min

Kent Elementary to Agassiz Secondary School with grades 7 to 12





## Options

The School District has considered three options:

Option 1 – Partial Replacement (preferred option),

Option 2- Seismic upgrade

Option 3 – Boundary adjustments.

### Option 1 – Partial Replacement (Recommended Option)

- Area:

Existing school area: 4,980m<sup>2</sup>

- Recommended Option Rationale:

The Agassiz area is projected to continue to grow and the existing schools in the area will be fully utilized by 2028 so all school are required. Agassiz Elementary Secondary was constructed in 1952 and the three remaining original blocks have exceeded their service life. The structural upgrade does not address the shortfalls in building layout and program delivery required for current and future program delivery. The partial replacement allows for an efficient layout with improved energy conservation strategies. The new construction will also be above the flood construction level which was a requirement with the new gym construction in 2001.

- Scope of Work Description:

*The School District is requesting the partial replacement of the 75E/325S capacity Agassiz Elementary-Secondary School on the existing site. The scope of work includes:*

- *Demolition of 3,280sm of high risk blocks;*
- *Construction of 3,470sm of new space to replace the classrooms and administration area at the flood construction level with links to the existing gym which is at the flood construction level and shop block which will be retained but below the flood construction level.*
- *Addition of 8 portable classrooms for duration of the construction*
- *Restoration of the play field and parking areas following removal of the portable classrooms and the completion of the new construction.*

- Temporary Accommodation and Busing Plan:

*There is a requirement for temporary accommodations. The final number will be confirmed in the PDR based on the layout of the replacement classrooms relative to the existing classrooms which are being demolished and the existing gym and shop wing which are being retained.*

- Municipal Requirements:

*The flood construction level is a municipal requirement. The impact of raising the floor over 1 metre will be confirmed in the PDR stage. There are no other known municipal building requirements so it is anticipated that the established unit rates will provide adequate funding to complete construction of the new space. Further discussions with the Municipality to reduce project cost will be pursued during the PDR phase.*

- Project Budget:

Project budgeting - Partial Seismic Replacement cost estimate is \$20M plus \$3M reserve as presented below. The estimate is based on the Schedule B Companion Document for a middle school which is considered representative of the partial replacement scope of work.

<b>Agassiz Secondary School Partial Replacement 75E/325S students 2017</b>			
Activity	Factor	Area	Cost
Base Rate (middle school best fit addition)	\$ 2,840	1160	incl
Size Factor ( sm)	1.04		incl
Location factor 1 Qtr 2017 adjustment	1.197		incl
Unit Rate	\$ 3,535		
Construction		3,470	\$ 12,268,043
Renovation for tie-ins	5.5%		\$ 674,742
Site Development new school on existing			\$ 1,000,000
Planning Fees	14%		\$ 1,857,526.08
Post contract contingency	3%		\$ 368,041.30
Equipment Allowance	16.2%		\$ 587,062.08
Permits & municipal fees & DCC			\$ 350,000
Temporary Accommodations			\$ 1,000,000
Demo		3,280	\$ 750,000
Project Management			\$ 203,000.00
Payable GST 4.4%	4.40%		\$ 660,794
Sub-Total			\$ 19,719,209
Risk Reserve	15%		\$ 2,957,881
Total Budget			\$ 22,677,091

Schedule B will be completed during the PDR phase. The cost estimate presented in the table above is considered a reasonable representation of the project costs.

The Design Aid Sheet is attached. The gym, gym ancillary space and the shop wing which have a total area on 1700sm will be retained. The area of demolition is 3,280sm. The total area of the addition is 3,470sm which is based on the Ministry Area Standards and is used in the project estimate above. The total school area will be 5,171sm which is above the 5,025sm total allowable area for a 400 capacity secondary school due to the existing very large shop areas which will be retained. There is no NLC included at this time.

#### Option 2 – Seismic Upgrade of the Existing School

*The SRA's have been completed for the three 1952, high risk H-1 blocks. The scope of work includes the typical improvements to wood frame building including, increased shear capacity in the classroom walls and strengthening of the roof diaphragm in the three blocks plus improved connections between the floor, walls and roof. Geotechnical assessment will be completed during the PDR stage to determine if expansion of the footings is required.*

*The structural costs are estimated to be \$3.5M as presented below:*

<b>Agassiz Secondary Seismic Upgrade Costs</b>					
Block	Construction Type	Area	2018 Unit Rate	Upgrade Cost	Escalation to 2019
1	Wood #21	1100	\$ 1,385	\$ 1,523,500	\$ 1,675,850
3	Wood #21	810	\$ 1,385	\$ 1,121,850	\$ 1,234,035
4	Wood #31	360	\$ 1,385	\$ 498,600	\$ 548,460
	Construction			Total	\$ 3,458,345

*The school would have to be vacated so the work can be completed without impacting the students and staff. Temporary accommodations would be required.*

*The Project budget estimate is \$8.4 M including reserve funds as follows:*



Agassiz Secondary Seismic Project Cost Estimate			
Activity	Factor	Area	Cost
Construction			\$ 3,458,345
Code requirements	15.0%		\$ 518,752
OFC	35\$/sm	4,980	\$ 174,300
Location factor	0.197		\$ 817,825
Reports & Studies			\$ 150,000
Planning Fees	16%		\$ 795,076
Post contract contingency	10%		\$ 81,783
Permits & municipal fees & DCC			\$ 50,000
Temporary Accommodations			\$ 1,000,000
Project Management			\$ 93,000.00
Payable GST 4.4%	4.40%		\$ 129,258
Sub-Total			\$ 7,268,338
Risk Reserve	15%		\$ 1,090,251
Total Budget			\$ 8,358,589

*The seismic upgrades do not address the deficiencies in the building layout and the building systems relative to a new school which is why the school district is interested in contributing to the replacement project. The upgrades also do not address the flood construction requirements.*

### Option 3 – School Boundary Adjustments

Adjusting the catchment area boundaries is not a viable option. Agassiz Secondary is the only secondary school in the Agassiz zone.

### Surrounding School Analysis

The surrounding school analysis is provided using the capacity, current and forecasted enrolments, and calculated utilization (%) for schools in the Agassiz Zone.

SCHOOLS	FCI	Nominal Capacity	Operating Capacity	Current Year 2018	Agassiz Zone - Surrounding Schools Analysis									
				Actual Enrolment	Enrolment Projections									
					Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Harrison Hot Springs Elementary	0.38	20K/100	112	108	114	116	123	132	134	139	142	144	146	151
% Utilization				96%	101%	104%	110%	118%	119%	124%	127%	129%	131%	134%
		International Students:		0										
Kent Elementary	0.43	40K/325E	317	294	304	313	312	322	326	339	354	368	376	389
% Utilization		(1 x SS)		93%	96%	99%	98%	102%	103%	107%	112%	116%	119%	123%
		International Students:		0										
Agassiz Secondary	0.49	400	400	293	308	332	354	368	376	387	388	395	400	421
% Utilization				73%	77%	83%	89%	92%	94%	97%	97%	99%	100%	105%
		International Students:		3										
Projected Enrolment Total			829	695	725	762	789	822	835	865	884	907	922	961
Overall % Utilization				84%	88%	92%	95%	99%	101%	104%	107%	109%	111%	116%
Total Surplus \ (Total Shortfall)				134	104	67	40	7	(6)	(36)	(55)	(78)	(93)	(132)

As stated previously there is no increase in the capacity of the schools as part of this seismic project. It can be seen from the projections above that Harrison Hot Springs Elementary School will require the use of the existing FDK module to address the overcapacity. Kent Elementary and Agassiz Secondary will be at full capacity by year 6 and year 9 respectively.

### **Long-Range Facilities Plan**

The board of education has a Long-Range Facilities Plan (LRFP) in place for its school district.

#### Section A

Date complete: 2016/11/29

The LRFP identified the requirement for reassessment of the seismic risk for Agassiz Secondary and Kent Elementary; Harrison Elementary was assessed at the same time. All three schools were identified as high seismic risk. The projects have been included in the SMP master list of seismic upgrade projects.

#### Section B

Define the ongoing need for the school.

The 2016 LRFP identified the enrolment growth in the lower mainland and in particular in the Agassiz Harrison zone. The implementation of the reduced class size legislation has added to the capacity pressures at the three schools in the Agassiz Harrison zone.

### **Other**

The District of Kent which includes the town of Agassiz has previously indicated an interest in shared capital assets. During the PDR phase once support for the project is confirmed the school district will engage in discussions with the municipality to investigate strategies which benefit both parties and may reduce the costs of the seismic replacement project.

### **Supporting Documentation**

The school district engaged Sure Hazmat to complete the hazardous material assessment of the school. The report will be provided upon request.



Ministry of Education - Capital Management Branch  
Annual Facility Grant (AFG) - 2019/20 Expenditure Plan

Submission Date (YYYY/MM/DD):

2019-05-30

District: 78 Fraser-Cascade

	Name	Email	Phone
Contact:	Doug Templeton	<a href="mailto:doug.templeton@sd78.bc.ca">doug.templeton@sd78.bc.ca</a>	604-869-2411

FACILITY INFORMATION	PROJECT INFORMATION			ADDITIONAL INFORMATION	
Facility Name	Description of Work	Estimated Cost	AFG Category	VFA Requirement (Yes/No)	Comments
Hope Elm/Sec School	complete exterior and partial interior	\$ 125,000	Facility Upgrade	Yes	includes some EIFS panel renewal
Hope Elm/Sec School	acoustic ceiling panel replacement	\$ 50,000	Facility Upgrade	Yes	
Hope Elm/Sec School	repaving partial parking lot	\$ 100,000	Site Upgrade	Yes	
Hope Elm/Sec School	flag pole replacement x2	\$ 5,000	Site Upgrade	Yes	includes some hard surface play areas
Hope Elm/Sec School	sports field partial renewal	\$ 50,000	Site Upgrade	Yes	
Hope Elm/Sec School	interior staff room renewal	\$ 30,000	Site Upgrade	Yes	
Yale	roofing replacement	\$ 130,000	Roof Replacement	Yes	
School Board Office	repaving partial parking lot	\$ 30,000	Technology Infrastructure Upgrade	Yes	
		\$ -			
		\$ -			
		\$ -			
		\$ -			
		\$ -			
		\$ -			
		\$ -			
		\$ -			
		\$ -			
		\$ -			
		\$ -			