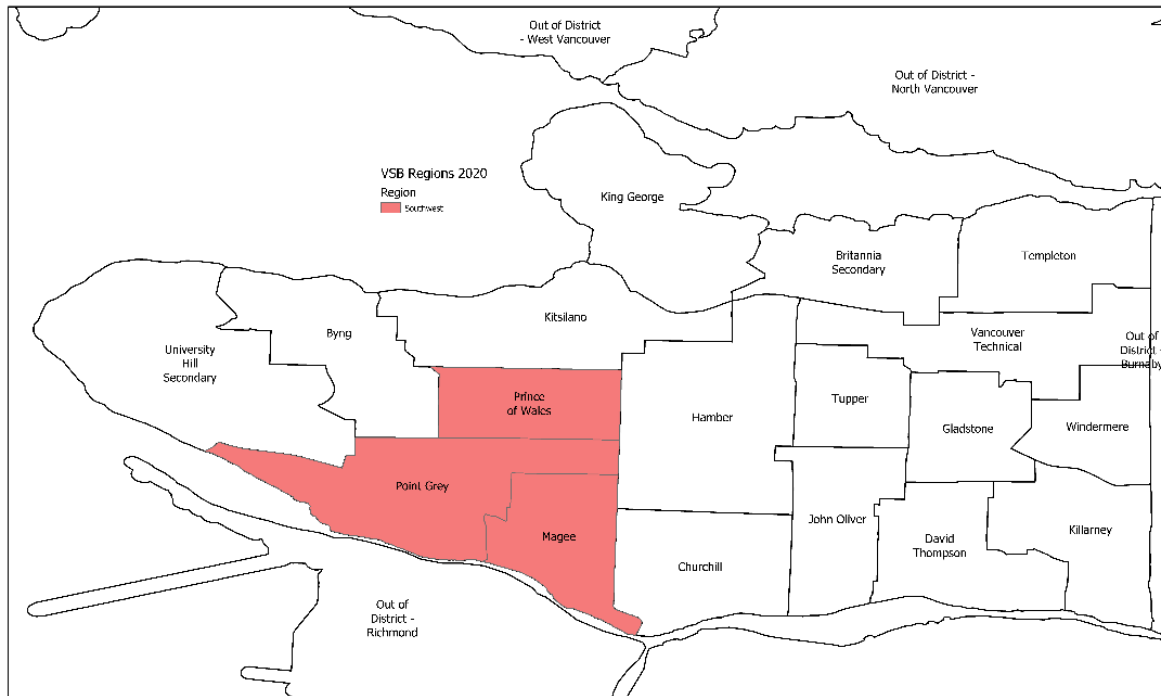


2 PLANNING STRATEGIES FOR SOUTHWEST FAMILY OF SCHOOLS REGION



2.1 FAMILIES OF SCHOOLS IN SOUTHWEST REGION

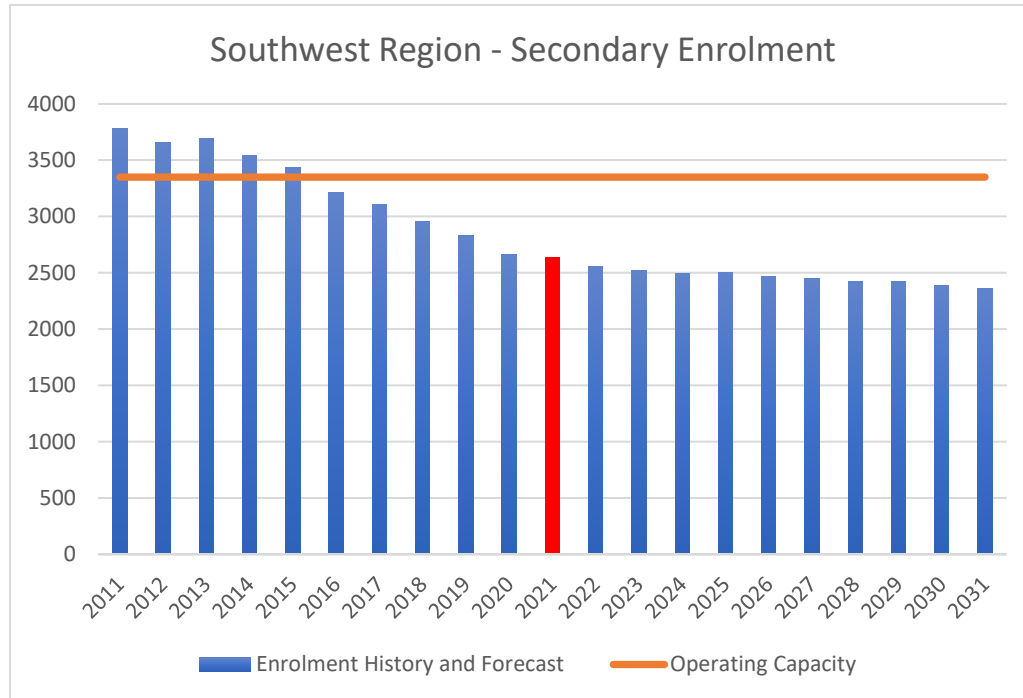
The Southwest region has three families of schools (FOS):

Region	Secondary School/Family	Elementary Schools in FOS
Southwest	1. Magee Family	Maple Grove Elementary
		McKechnie Elementary
	2. Point Grey Family stəywə:tə:n Family	Kerrisdale Elementary
		Kerrisdale Annex
		Quilchena Elementary
		Southlands Elementary
	3. Prince of Wales Family	Carnarvon Elementary
		Shaughnessy Elementary
		Trafalgar Elementary

2.2 SECONDARY STUDENT ACCOMMODATION CONSIDERATIONS

2.2.1 OVERVIEW

- In 2021, there was surplus capacity at each of the secondary schools in the southwest region
- Catchment students can be accommodated at their secondary catchment schools
- Regular secondary program enrolment decline is forecast
- Forecasts indicate that all secondary program enrolment will be able to be accommodated for many years



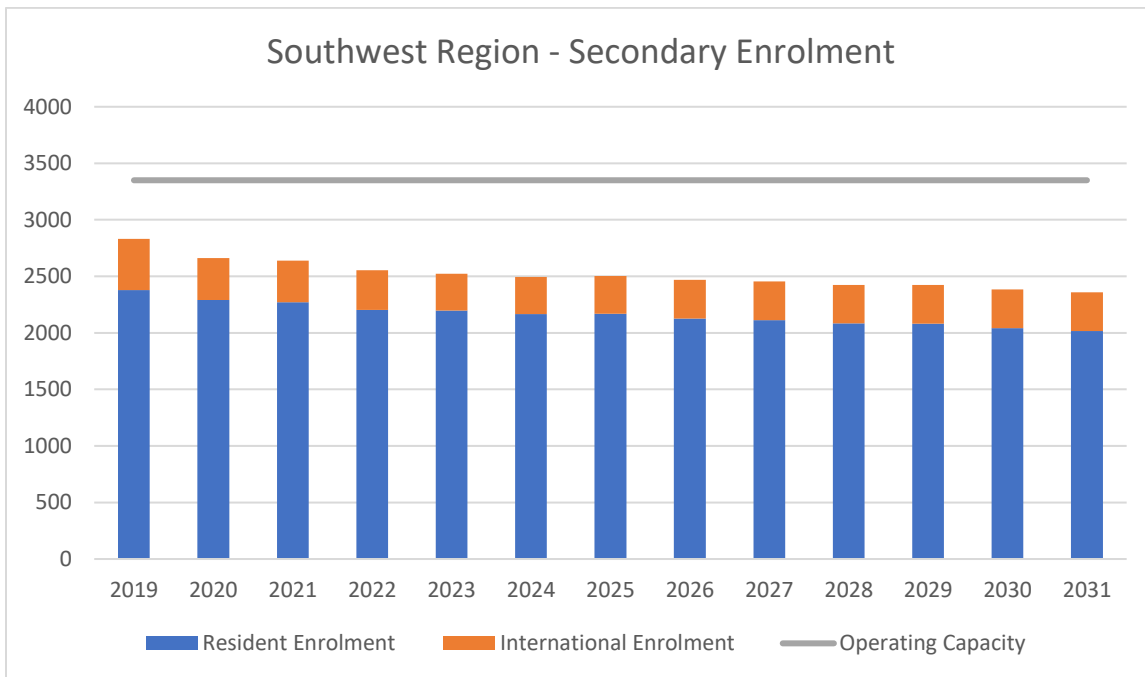
2.2.2 OPERATING CAPACITY AND CAPACITY UTILIZATION

- BC Resident enrolment includes all in catchment, out of catchment, and out of District enrolment in the regular, choice, school specialty and learning services student programs
- Total enrolment also includes fee paying students in the International Education Program

Region	Total Operating Capacity	BC Resident Enrolment	Total Enrolment	Capacity Utilization (BC Resident)	Capacity Utilization (Total)
Southwest	3350	2271	2640	68%	79%

- In 2021, the total surplus capacity available in the southwest region was 710 and increase of 192 spaces since 2019.
- The forecast enrolment trend is decline in regular program enrolment

Program Category	Enrolment Total	Enrolment %
Regular	1631	62%
District Choice	555	21%
District Learning Services	85	3%
District International	369	14%
Total	2640	100%



2.3 SECONDARY STUDENT ACCOMMODATION STRATEGY

- For many years, all secondary schools in the southwest region have had sufficient space to accommodate all catchment students that wish to attend their catchment school.
- For the past several years, the District has managed out of catchment enrolment in the regular program to ensure that all 18 secondary schools have a sustainable and predictable Grade 8 cohort size.
- Despite ongoing management of out of catchment Grade 8 enrolment secondary schools in southwest region, particularly Prince of Wales, are challenged by declining Grade 8 cohort size.
- Enrolment forecasts indicate that there will be sufficient capacity to accommodate all catchment students in the regular program at their catchment school in the southwest region for many years
- There is sufficient capacity in the southwest region to accommodate all current program needs. Enrolment forecasts indicate that there will be sufficient capacity to accommodate all programs currently available in the southwest region for many years.
- No changes to current enrolment procedures are required
- The enrolment at each of the three secondary schools in the southwest FOS is below the preferred school size range for secondary schools of 1,200-1,750 students

2.4 ELEMENTARY STUDENT ACCOMMODATION CONSIDERATIONS

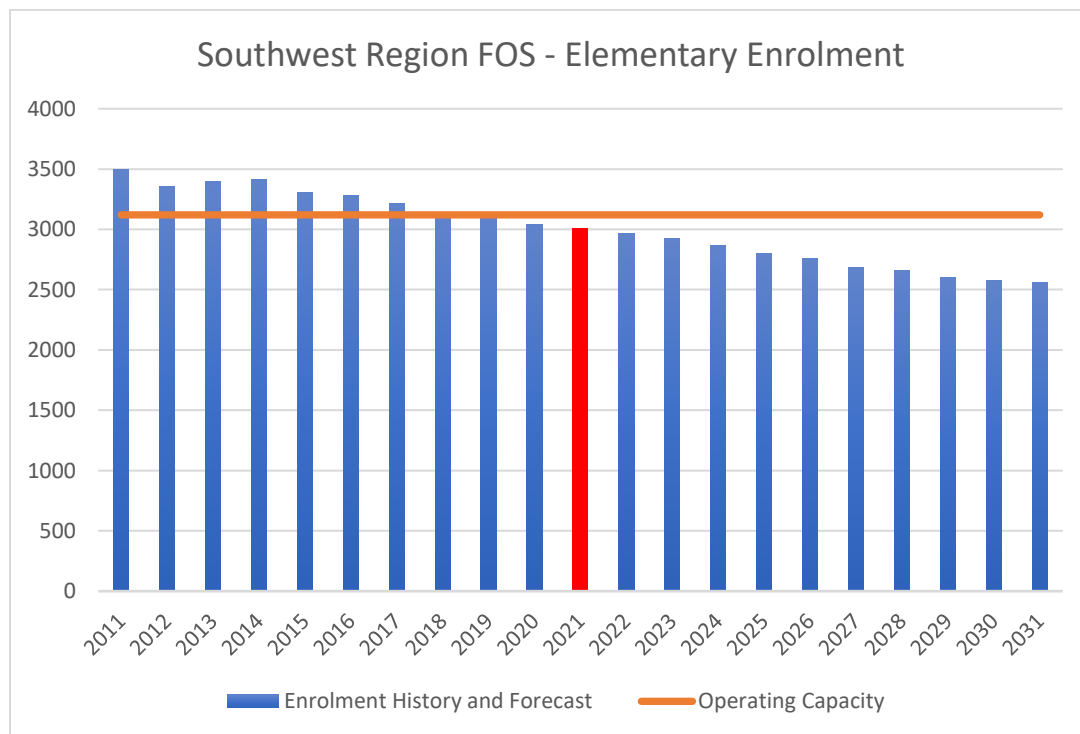
2.4.1 OVERVIEW

- Forecasts indicate that there will be surplus capacity as enrolment in the regular program declines in the southwest region
- In 2021, enrolment and capacity in this area were balanced. Except for Maple Grove catchment, students can be accommodated at their catchment school in all elementary schools in the southwest region.
- Regular program enrolment decline is forecast in the southwest region

Family of Schools	Total Operating Capacity	2021 Total Enrolment	2031 Forecast Enrolment	2021 Capacity Utilization	2031 Capacity Utilization	*Enrolment Trend
Magee	727	766	772	105%	106%	Stable
Point Grey	1160	1094	904	94%	78%	Declining
Prince of Wales	1233	1149	880	93%	71%	Declining
Total	3120	3009	2556	96%	82%	Declining

*If the enrolment change in capacity utilization is less than or equal to 5% then the enrolment trend is stable. If capacity utilization is forecast to increase by more than 5%, the enrolment trend is increasing. If capacity utilization is forecast to decrease by more than 5%, the enrolment trend is decreasing.

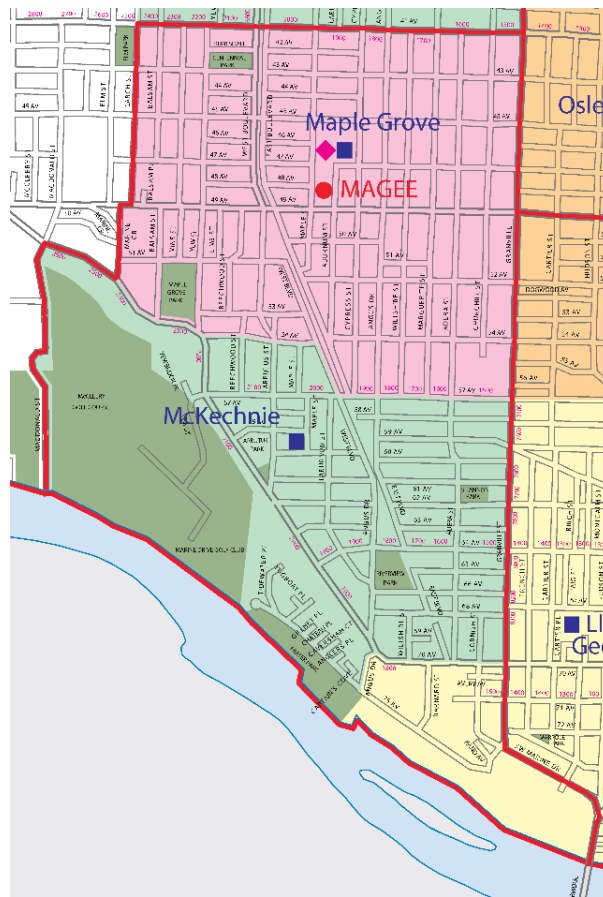
- The total elementary enrolment in the region is forecast to decline slowly in coming years



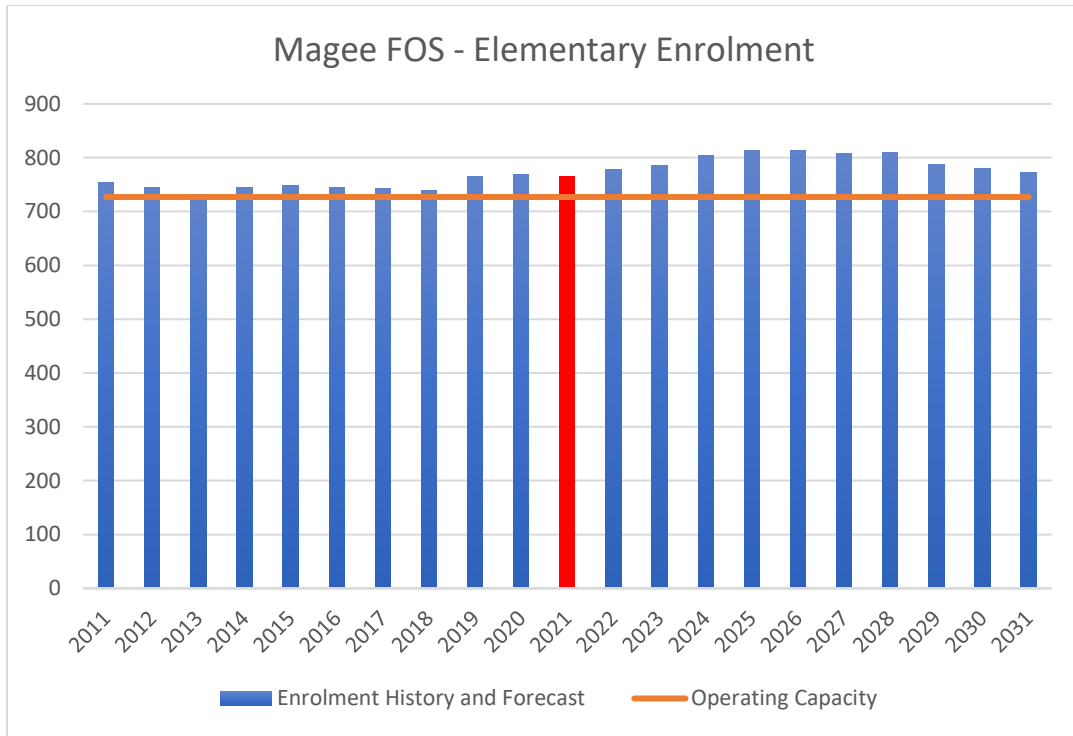
2.4.2 ELEMENTARY STUDENT ACCOMMODATION CONSIDERATIONS

- Except for Maple Grove Elementary, forecasts indicate that all program enrolment (regular and choice) will be able to be accommodated for many years.
- Since the new Maple Grove seismic replacement school opened in 2020, there has been an increase in catchment demand for the school. Some students have been placed at nearby schools.
- Shaughnessy Elementary is used as an overflow school for students placed by the District from the central region
- Quilchena Elementary is operating above 100 percent capacity utilization. Two portables on site provide the additional capacity to accommodate students. (The additional capacity of these portables is not included in the operating capacity for the school).

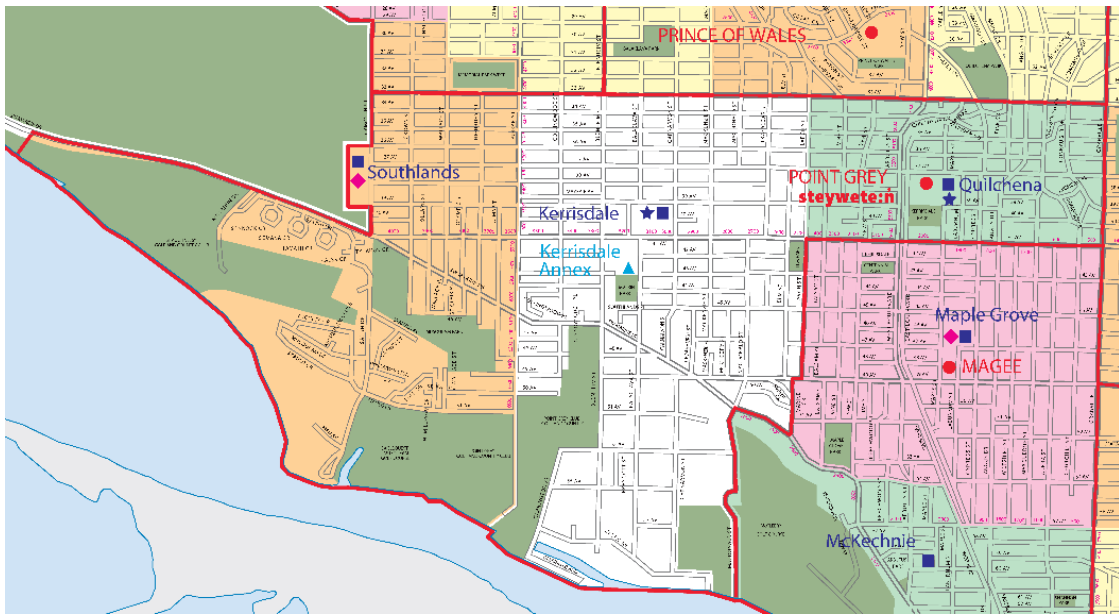
2.4.3 MAGEE FOS



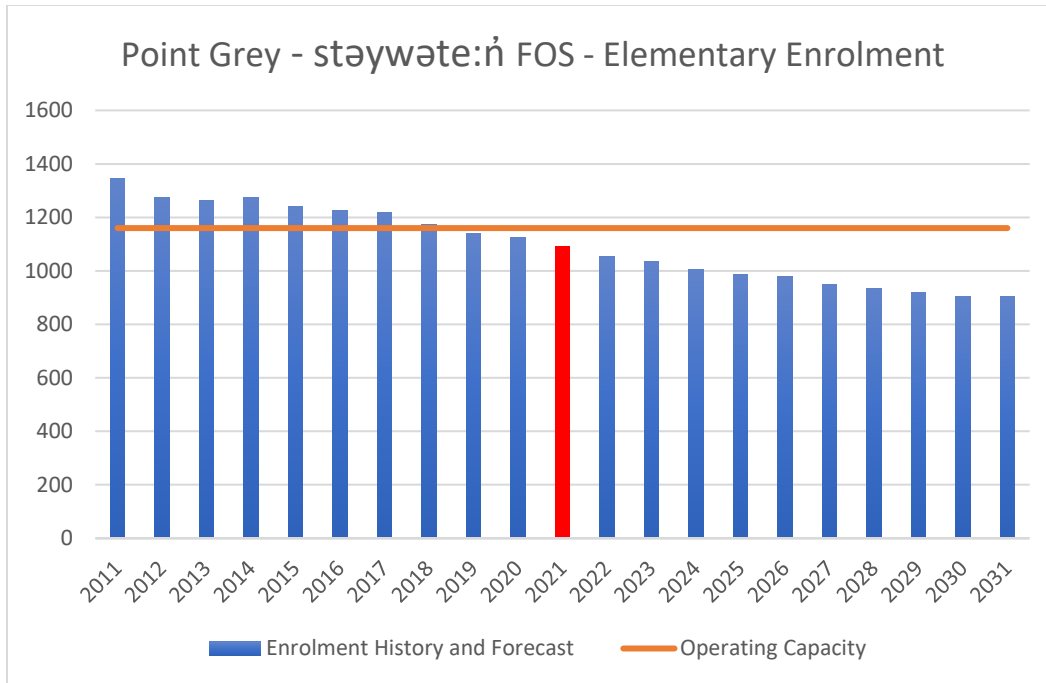
- Out of catchment enrolment is restricted at Maple Grove Elementary
- Continue to place catchment students at nearby schools as required
- Out of catchment enrolment at McKechnie Elementary is restricted to ensure there is capacity available at the school to accommodate students placed from Maple Grove. The current and future availability of space for out of catchment students is reviewed on an annual basis.



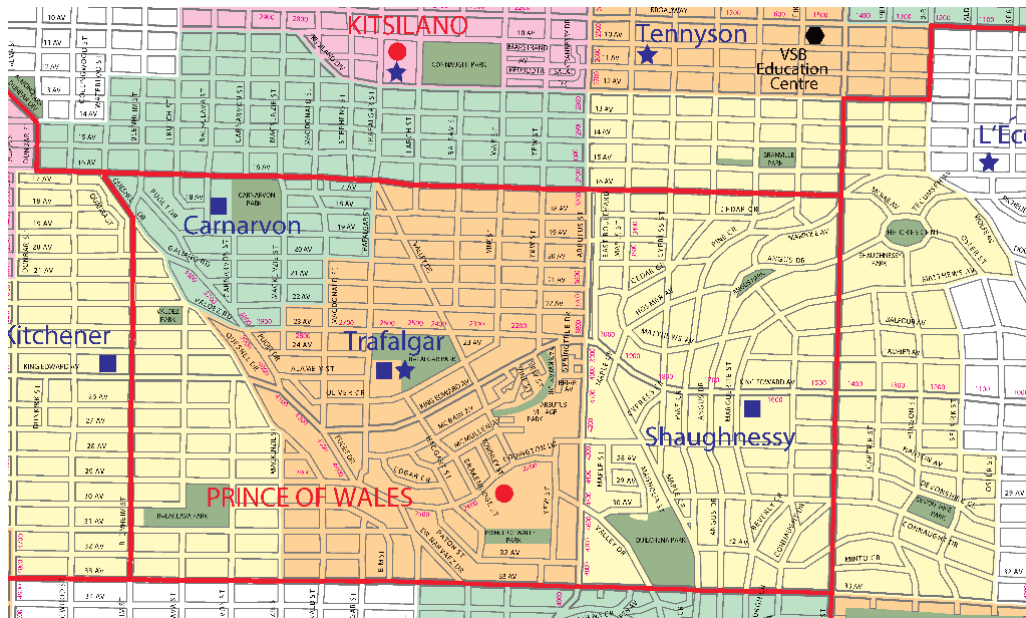
2.4.4 POINT GREY - STƏYWƏTE:Ń FOS



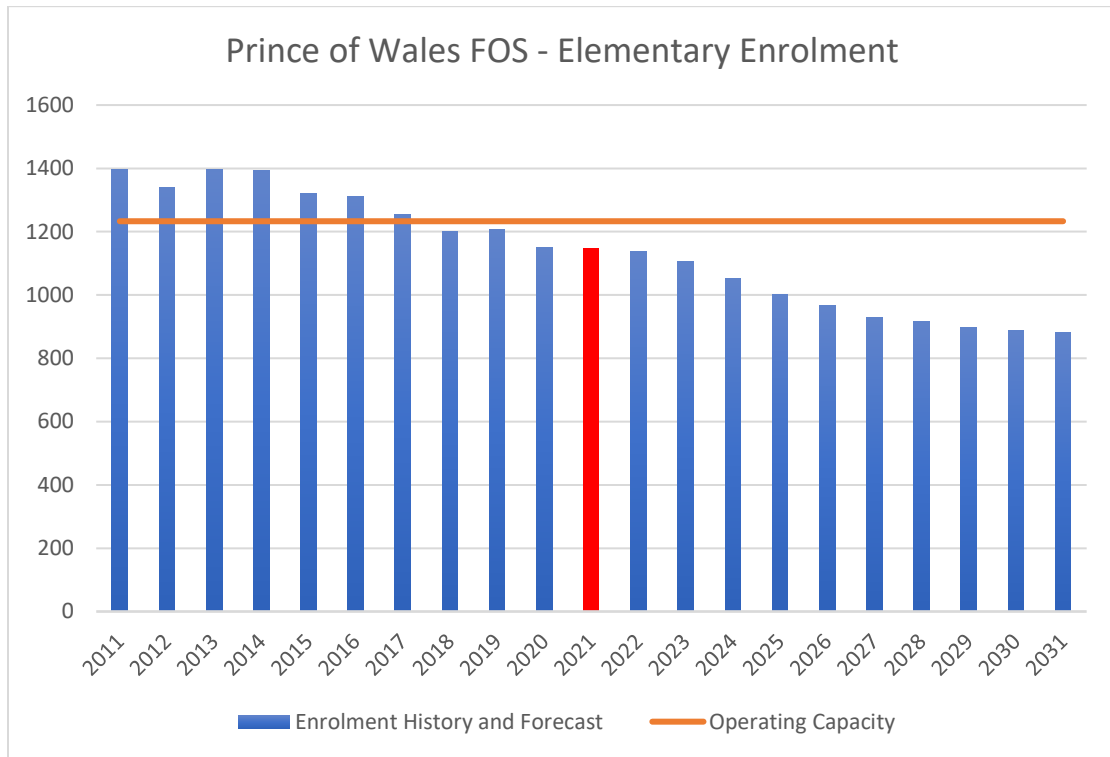
Forecasts indicate that there will be surplus capacity as enrolment in the regular program declines in the Point Grey - stəywəte:Ń FOS



2.4.5 PRINCE OF WALES FOS



- Consider to restrict out of catchment enrolment at Shaughnessy Elementary as required
- From September 2021 onward, Trafalgar Elementary will enroll one Grade 6 cohort in the Late French Immersion (LFI) program which will increase the District program enrolment at that school by up to 60 students.
- Out of catchment enrolment in the regular program will be monitored to ensure there is sufficient capacity to enroll all catchment students who wish to attend Trafalgar Elementary



2.5 ELEMENTARY STUDENT ACCOMMODATION STRATEGY

2.5.1 OVERVIEW

- All catchment students can be accommodated at their catchment school in the Point Grey - stəywəte:ŋ FOS and Prince of Wales FOS
- Maple Grove is experiencing enrolment pressure

2.5.2 MAGEE FOS

- Continue to restrict out of catchment enrolment
- As there is limited surplus capacity at nearby schools if enrolment pressure persists consider relocating the District Choice Montessori program located at Maple Grove

2.5.3 POINT GREY - STƏYWƏTE:ŋ FOS

- Continue to manage cross boundary enrolment to ensure efficient and effective use of staffing

2.5.4 PRINCE OF WALES FOS

- Continue to manage cross boundary enrolment to ensure efficient and effective use of staffing

2.6 BALANCING CAPACITY WITH ENROLMENT

2.6.1 OVERVIEW

- In 2021, enrolment and capacity were balanced at the elementary schools in all three FOS in the southwest region.
- By 2031, enrolment forecasts indicate that there will be about 560 surplus spaces surplus capacity due to declining enrolment in the regular program.
- Future surplus capacity could be addressed by using one or a combination of the strategies set out in sections 5.8 to 5.10 - Optimizing Utilization of School Assets - found in the District Overview Section of this report.

2.6.2 MAGEE FOS

- In 2021, enrolment exceeded capacity at elementary schools in the Magee FOS.
- Overall enrolment in the regular program at elementary schools in the Magee FOS is forecast to remain stable until 2031

2.6.3 POINT GREY - STƏYWƏTE:ŋ FOS

- In 2021, there was minimal surplus capacity within the Point Grey - stəywəte:ŋ FOS
- Overall enrolment in the regular program at elementary schools in the Point Grey - stəywəte:ŋ FOS is forecast to decline
- In 2031, surplus capacity is forecast in the Point Grey - stəywəte:ŋ FOS

2.6.4 PRINCE OF WALES FOS

- In 2021, there was minimal surplus capacity within the Prince of Wales FOS
- Overall enrolment in the regular program at elementary schools in the Prince of Wales FOS is forecast to decline

2.7 SECONDARY FACILITIES CONDITION AND SEISMIC UPGRADE CONSIDERATIONS

2.7.1 OVERVIEW

- Magee Secondary is the only seismically safe secondary school in the southwest region
- 36 per cent of operating capacity is seismically safe
- In 2021, 35 per cent of students in the southwest region attended Magee Secondary
- Point Grey - stəywəte:ŋ and Prince of Wales secondary schools are not supported projects in the SMP
- Point Grey - stəywəte:ŋ and Prince of Wales have a poor building condition rating based on their FCI
- Due to their complexity and the large capital funding required, once supported in the SMP, secondary seismic projects take 7 to 9 years to move from the feasibility study phase to occupancy.

2.7.2 FACILITIES AND SEISMIC UPGRADE CONSIDERATIONS

Secondary School Name	Building Condition Rating	Seismic Risk Rating	SMP Status
Magee	Poor	Completed	Completed
Point Grey stəywə:ɲ	Very Poor	H1	Unsupported
Prince of Wales	Poor	H1	Unsupported

Secondary School Name	Operating Capacity	2021 Total Enrolment	Resident Enrolment	International Education Enrolment	2031 Forecast Enrolment
Magee	1200	927	818	109	896
Point Grey stəywə:ɲ	1050	868	709	159	772
Prince of Wales	1100	845	744	101	690
Total	3350	2640	2271	369	2358

- Magee is the only seismically safe secondary school in the southwest region of the District. The operating capacity of Magee is 1,200. In 2021, there were 2,640 secondary students enrolled in the southwest region of the District. A total enrolment of 2,358 students is forecast for 2031 assuming current enrolment procedures and programming options remain unchanged. Of the total forecast enrolment, about 2,271 will be BC residents, with about 369 students enrolled in the International Education Program.
- At present there is insufficient seismically safe capacity to accommodate current and forecast enrolment in the southwest region. Point Grey - stəywə:ɲ and Prince of Wales secondary schools are not currently supported projects in the SMP. The Ministry confirmed that although previously supported, Point Grey - stəywə:ɲ is no longer a supported project. Point Grey - stəywə:ɲ and Prince of Wales secondary schools were not prioritized in the 2022-23 capital plan submission to the Ministry.

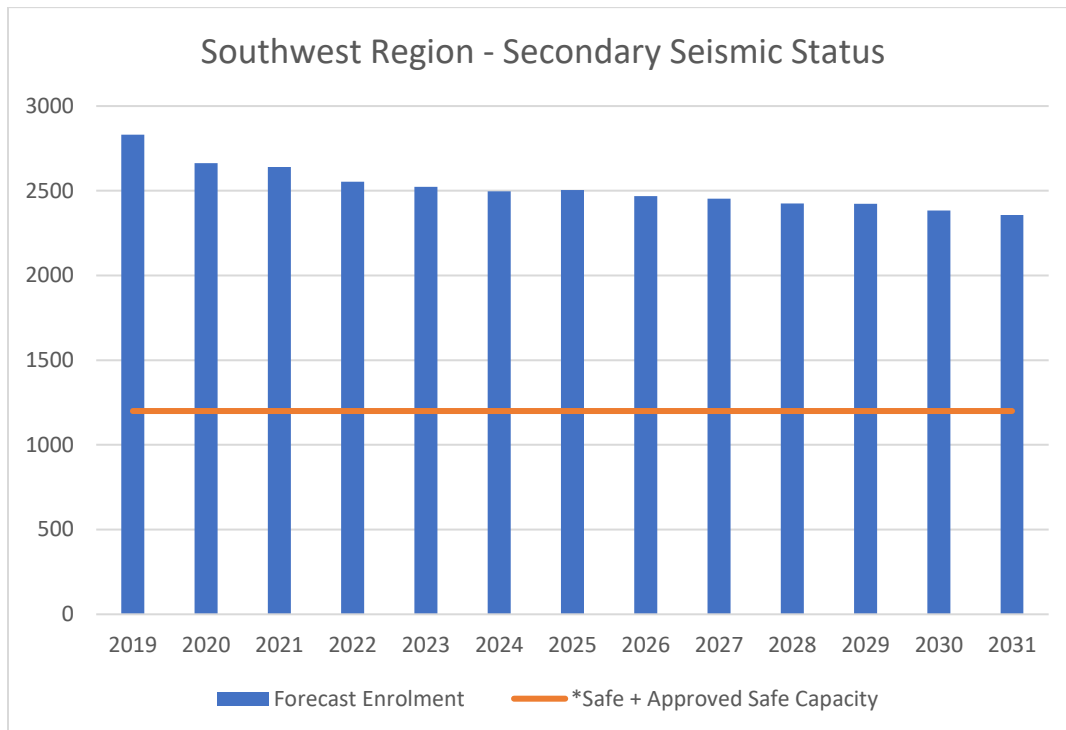
Future Scenarios

Scenario 1 – Status Quo

- Point Grey - stəywə:ɲ has not advanced in the SMP and is not prioritized in the 2022-23 capital plan request.
- Prince of Wales has not been prioritized in the 2022-23 capital plan request
- It may be challenging for the Ministry to prioritize funding to seismically upgrade both Point Grey - stəywə:ɲ and Prince of Wales secondary schools due to the weak business case for either of these projects.
- Most students attending a secondary school in the southwest region of the District will not have access to a seismically safe school for many years.

Scenario 2 – Consolidation and Replacement Option

- Replacement of Prince of Wales and Point Grey - stəywəte:ɪ with a single larger capacity modernized facility that, along with Magee Secondary, has sufficient capacity to accommodate forecast secondary enrolment needs for the southwest region.
- The District could engage in a public engagement with the Point Grey - stəywəte:ɪ and Prince of Wales school communities to envision seismic mitigation planning options such as the consolidation and replacement option for the two high risk secondary schools in the southwest region.



2.8 ELEMENTARY FACILITIES CONDITION AND SEISMIC UPGRADE CONSIDERATIONS

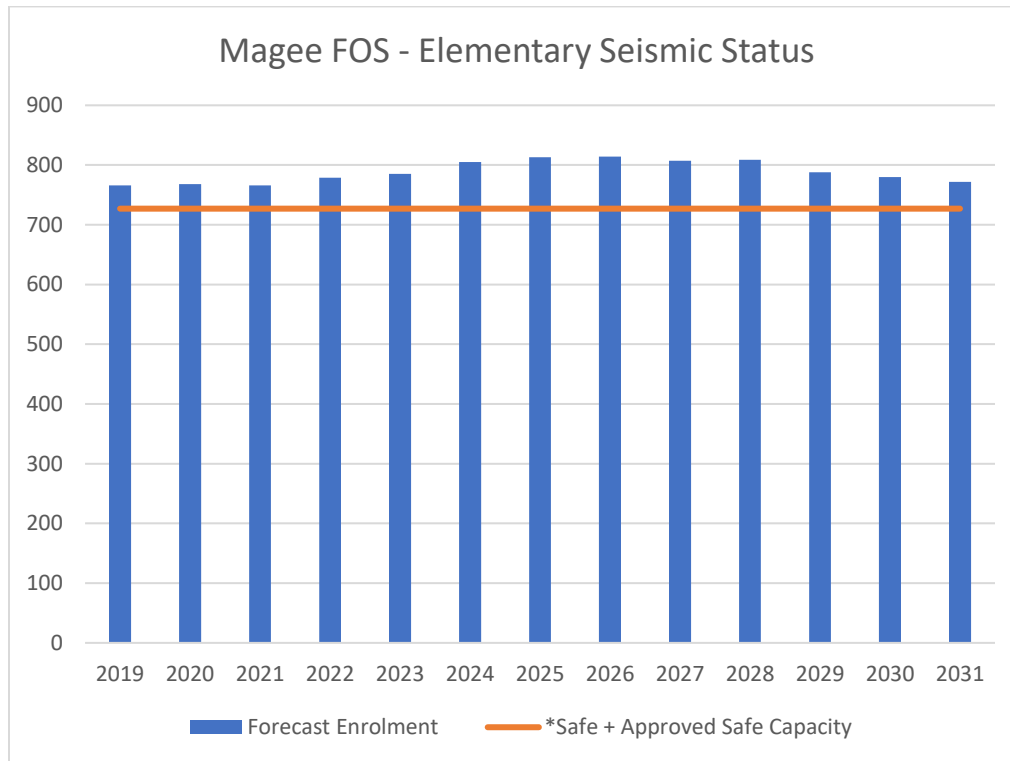
2.8.1 OVERVIEW

- 71 per cent of operating capacity is seismically safe including completed seismic projects and buildings with medium risk
- Southlands Elementary has been prioritized in year 5 of the 2022-23 capital plan

2.8.2 MAGEE FOS

- 100 per cent of operating capacity is seismically safe including completed seismic projects and buildings with medium risk
- The replacement school for Maple Grove Elementary is now in operation. The existing school on the Maple Grove site will be used as temporary accommodation for the remainder of the SMP. Students from Cavell Elementary School are currently being accommodated at the Maple Grove site while their school is seismically upgraded.

Elementary School Name	Building Condition Rating	Seismic Risk Rating	SMP Status	Operating Capacity	2021 Total Enrolment	2031 Forecast Enrolment
McKechnie	Very Poor	M	Unsupported	244	257	283
Maple Grove	Excellent	Completed	Completed	483	509	489
Total				727	766	772



*Includes schools with a low or medium seismic risk rating

2.8.3 POINT GREY - STƏYWƏTE:Ń FOS

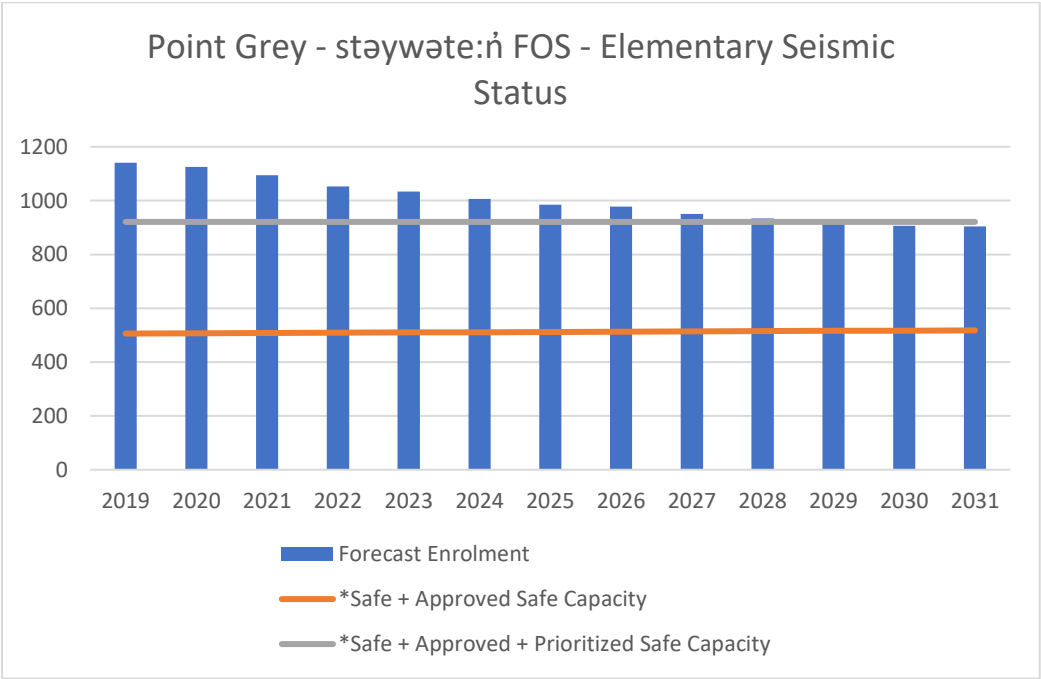
- 53 per cent of operating capacity is seismically safe including completed seismic projects and buildings with medium risk
- 47 per cent of operating capacity is rated as high risk
- At present, there is insufficient seismically safe capacity in the Point Grey - stəywəte:Ń FOS to accommodate current and forecast enrolment.
- Southlands Elementary has been prioritized in year 5 of the 2022-23 capital plan to the Ministry
- Enrolment at Southlands Elementary is forecast to decline significantly by 2031.
- Quilchena Elementary has not been prioritized in the capital plan

Elementary School Name	Building Condition Rating	Seismic Risk Rating	SMP Status	Operating Capacity	2021 Total Enrolment	2031 Forecast Enrolment
Quilchena	Poor	H1	Unsupported	239	326	245

Kerrisdale Annex	Very Poor	M	Unsupported	108	90	70
Kerrisdale	Very Poor	Completed	Completed	506	474	434
Southlands	Poor	H1	Unsupported	307	204	155
Total				1160	1094	904

Future Scenarios

- A seismic upgrade for Southlands Elementary School will provide safe capacity to serve the southwest area of the Point Grey - stəywəte:ŋ FOS which serves students from the Musqueam reserve, and other local residents
- With declining enrolment in the regular program and a high proportion of students enrolled in District Programs it may be challenging for the Ministry to prioritize funding to seismically upgrade both Southlands and Quilchena elementary schools due to the weak business case for either of these projects.
- In future years, enrolment trends indicate there may be lower enrolment at schools that are currently seismically safe in the Point Grey - stəywəte:ŋ FOS. Forecasts indicate that there will be surplus seismically safe capacity available at the following schools nearby:
 - Kerrisdale
 - Kitchener (Byng FOS)



2.8.4 PRINCE OF WALES FOS

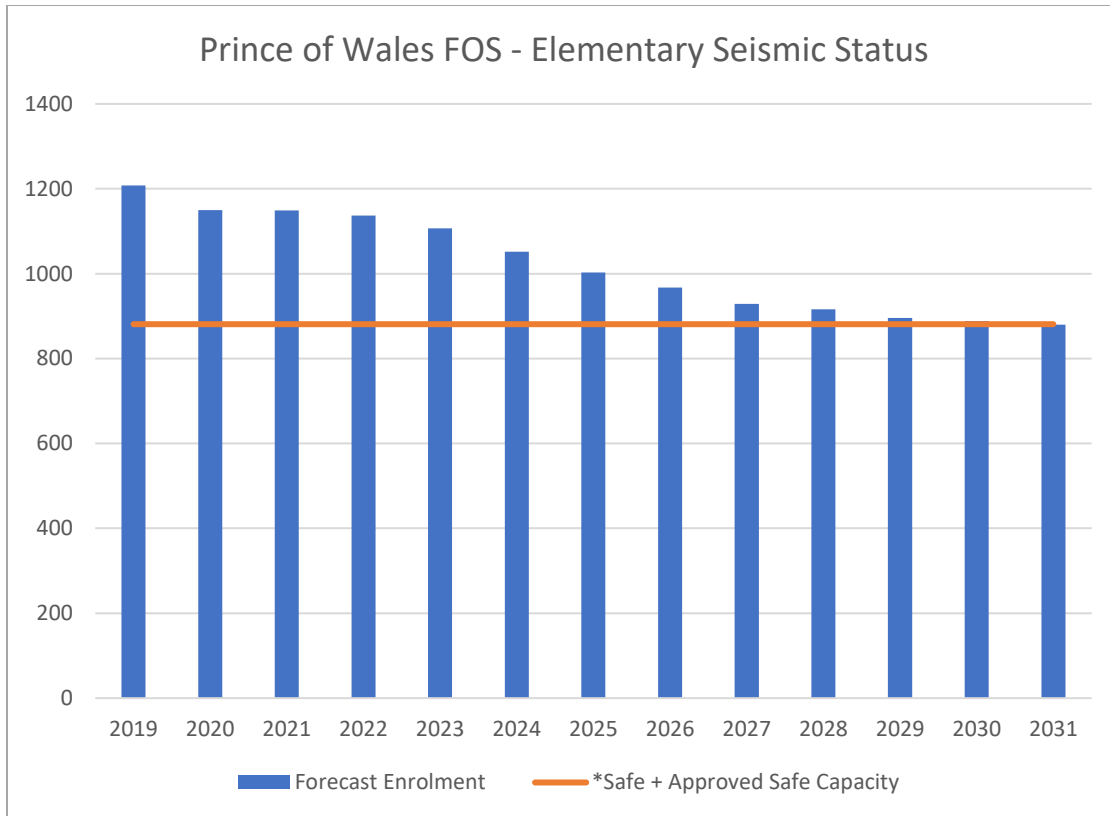
- 71 per cent of operating capacity is seismically safe including completed seismic projects and buildings with low risk
- 34 per cent of operating capacity is rated as low risk
- 29 per cent of operating capacity is rated as high risk

- At present, there is insufficient seismically safe capacity in the Prince of Wales FOS to accommodate current and forecast enrolment.
- Shaughnessy and Trafalgar are seismically safe, Carnarvon has an H3 rating
- Carnarvon Elementary has not been prioritized in the capital plan

Elementary School Name	Building Condition Rating	Seismic Risk Rating	SMP Status	Operating Capacity	2021 Total Enrolment	2031 Forecast Enrolment
Carnarvon	Very Poor	H3	Unsupported	352	294	227
Shaughnessy	Poor	L	Completed	420	403	342
Trafalgar	Fair	Completed	Completed	461	452	311
Total				1233	1149	880

Future Scenarios

- A seismically upgrade for Carnarvon elementary would provide additional safe capacity to accommodate students in the Prince of Wales FOS
- To the south, Carnarvon is adjacent to Hudson and Gordon which are in areas of enrolment growth.
- With declining enrolment in the regular program and a high proportion of students enrolled in District Programs it may be challenging for the Ministry to prioritize funding to seismically upgrade Carnarvon elementary schools due to the weak business case this project.
- Forecasts indicate that there will be surplus seismically safe capacity available at the following nearby schools which will be available to accommodate students from schools in the Prince of Wales FOS that are not seismically safe:
 - Bayview (Kitsilano FOS)
 - Kitchener (Byng FOS)



*Includes schools with a low or medium risk rating

2.9 CATCHMENT BOUNDARY CONSIDERATIONS

2.9.1 OVERVIEW

- There are opportunities to make minor catchment boundary adjustments in the southwest region to align elementary and secondary boundaries within a single FOS
- Aligning secondary school catchment boundaries with elementary school catchment boundaries would provide access for an entire elementary Grade 7 cohort to attend the regular program at the same secondary school

2.9.2 CATCHMENT BOUNDARY CONSIDERATIONS

- If scenario 2, the consolidation and replacement option for Point Grey - stəywəte:ḥ and Prince of Wales, described in Section 2.7.2 above, is studied further, adjustments to school boundaries would be one of the considerations to be included in the scope of work
- In the southwest region, the Carnarvon catchment is transected by the south boundary of the Prince of Wales catchment. The west boundary of the Prince of Wales catchment transects the Kitchener catchment
- A small portion of the Southlands catchment is contained within the Byng catchment while most of the catchment is within the Point Grey - stəywəte:ḥ secondary catchment

- Similarly, a small portion of the Lloyd George catchment is within the Magee catchment while most of the catchment is within the Churchill secondary catchment
- Both Lloyd George and Southlands catchments may provide opportunities for relatively minor adjustments to align elementary and secondary catchment boundaries

2.10 SUMMARY

2.10.1 SECONDARY STUDENT ACCOMMODATION STRATEGY

- Despite ongoing management out of catchment Grade 8 enrolment secondary schools in southwest region, particularly Prince of Wales, are challenged by declining Grade 8 cohort size
- The enrolment at each of the three secondary schools in the southwest FOS is below the Board approved preferred school size range for secondary schools of 1,200-1,750 students
- No changes to current enrolment procedures are required

2.10.2 ELEMENTARY STUDENT ACCOMMODATION STRATEGY

- Continue to manage out of catchment enrolment to ensure effective use of staffing in all families of schools
- Continue to restrict out of catchment enrolment at Shaughnessy and Maple Grove elementary schools
- Monitor impact of students placed by the District on enrolment at Shaughnessy to retain sufficient capacity for catchment students
- Monitor McKechnie to determine whether out of catchment enrolment should be further restricted
- Monitor EFI intake at Trafalgar to retain sufficient capacity for catchment students

2.10.3 BALANCING CAPACITY WITH ENROLMENT

- Future surplus capacity could be addressed by using one or a combination of the strategies set out in sections 5.8 to 5.10 - Optimizing Utilization of School Assets - found in the District Overview Section of this report.

2.10.4 SEISMIC PROGRAM CONSIDERATIONS

- 36 per cent of secondary capacity and 71 per cent of elementary capacity is seismically safe
- Consider a community based public engagement strategy to envision seismic mitigation options for secondary schools in the southwest region

2.10.5 CATCHMENT BOUNDARY CONSIDERATIONS

- Catchment boundary adjustment options could be developed once a preferred seismic mitigation options have been envisioned.