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Three-Year School Capital Plan



2015 - 2018



**Calgary Board
of Education**

March 18, 2014

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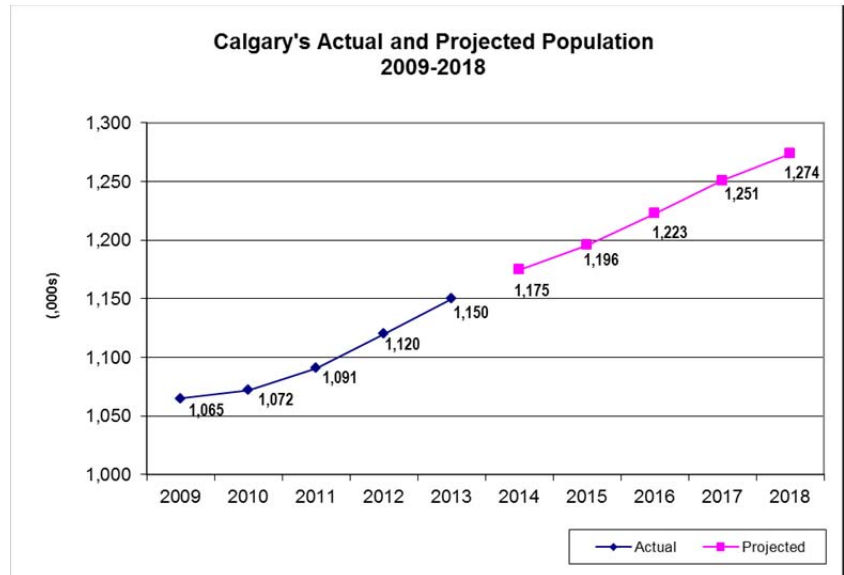
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EXECUTIVE SUMMARY

This Three-Year School Capital Plan 2015-2018 is an analysis of the CBE's forecasted school capital needs, as assessed at the present time.

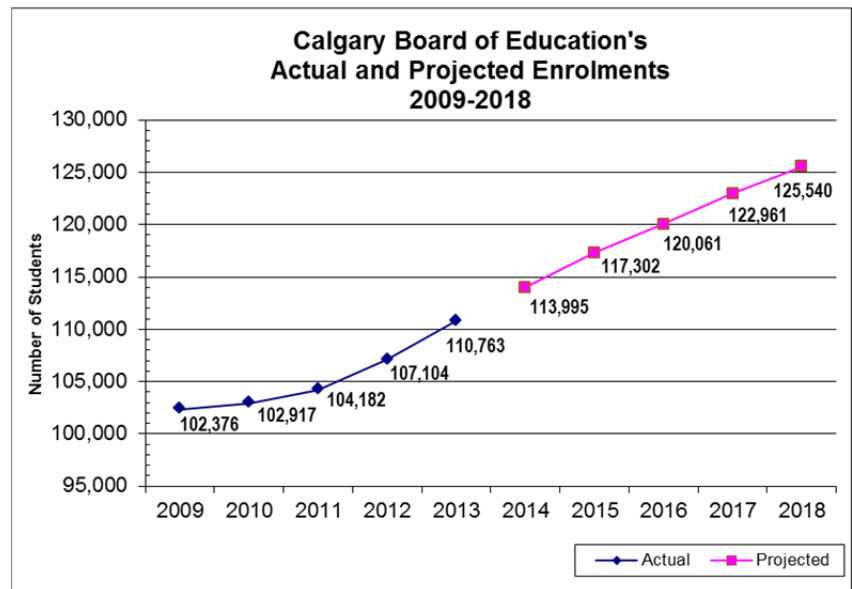
1. Calgary Population

Calgary has experienced tremendous growth over the past decade. One indicator of the magnitude of growth is the increase in Calgary's population by 106,660 persons in the last five years, an average of 21,332 persons per year. The City of Calgary (the City) has forecasted that the total population of Calgary will reach 1,274,000 in 2018, an increase of 124,448 persons from 2013. The five-year forecast to 2018 represents an average annual increase of 24,890 persons each year.



2. Student Enrolment

The CBE's current student enrolment of 110,763 is forecast to increase to 125,540 students in 2018. The largest increase over the five-year timeframe will be Grades 1-3 students and Grades 4-6 students. The Grades 10-12 enrolment is projected to decline slightly over 2013 to 2016 and then increase slightly in 2018.

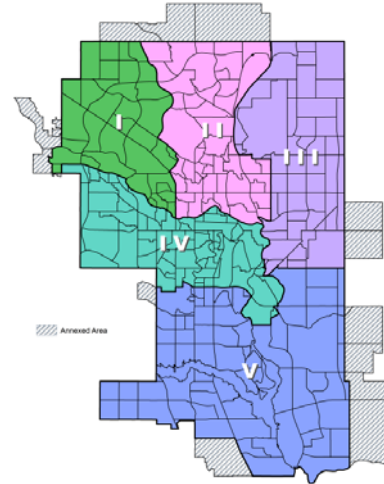


Note: Enrolment includes Home Education, Outreach/Unique Settings, Chinook Learning and CBeLearn.

3. Calgary Growth and Development

Extrapolating from City forecasts, the following population increases for suburban locations are identified for the CBE's administrative Areas:

City Growth Trends by CBE Area 2013-2017	
Area	Population Forecast
Area I	9,300 – 9,700
Area II	15,400 – 17,600
Area III	16,300 – 18,000
Area IV	10,800 – 11,900
Area V	54,100 – 59,800



4. Three-Year Education Plan

Alberta Education requires school boards to maintain three-year plans, updated annually. School boards are responsible for carrying out their education plans; for reporting annually to parents, communities, and government on results and use of their resources; and, for using results information to update plans and improve education for students. The Board of Trustees approved the combined Annual Education Results Report 2012-2013 and the Three-Year Education Plan 2013-2016 on December 3, 2013.

5. Schools Under Construction and Approvals

The Province is constructing six elementary schools, five middle schools, one senior high school, and a replacement school for Christine Meikle, as part of the Premier's 50/70 commitment. The schools are expected to open for the 2016-2017 school year.

Future School Openings				
School Year Opening	School/Community	Grade	Approved Capacity	Approval Date
2016-2017	Copperfield Elementary	Grades K-4	600	May 1, 2013
	Evanston Elementary	Grades K-4	600	May 1, 2013
	New Brighton Elementary	Grades K-4	600	May 1, 2013
	Royal Oak/Rocky Ridge Middle	Grades 5-9	900	May 1, 2013
	Saddle Ridge Middle	Grades 5-9	900	May 1, 2013
	Northeast Calgary High	Grades 10-12	1,500	May 1, 2013
2016-2017	Christine Meikle – Replacement School	Grades 7-12	n/a	Jan. 21, 2014
	Auburn Bay Elementary	Grades K-4	600	Feb. 10, 2014
	Evergreen Middle	Grades 5-9	900	Feb. 10, 2014
	McKenzie Towne Middle	Grades 5-9	900	Feb. 10, 2014
	New Brighton/Copperfield Middle	Grades 5-9	900	Feb. 10, 2014
	Panorama Hills Elementary ⁽²⁾	Grades K-4	600	Feb. 10, 2014
Tuscany Elementary ⁽²⁾	Grades K-4	600	Feb. 10, 2014	
Total School Space Capacity			9,600	

6. Capital Priorities – New School Construction

There are 23 new school construction projects identified in the Three-Year School Capital Plan 2015-2018.

Table 1: New School Construction				
Three-Year School Capital Plan 2015-2018 Priorities				
Priority Ranking – Project Description				
YEAR 1				
Community/School	Grade	Project Type	2014 Cost (\$)	Number of Years Listed in Capital Plan
C-1 West Springs/Cougar Ridge Middle	Gr. 5-9	New School	25,000,000	8
C-2 Southeast Calgary High **	Gr. 10-12	New School	52,000,000	1
C-3 Saddle Ridge Elementary ⁽²⁾	K-4	New School	15,000,000	1
C-4 Cranston Middle	Gr. 5-9	New School	25,000,000	1
C-5 Aspen Woods Elementary	K-4	New School	15,000,000	2
C-6 Martindale Elementary ⁽²⁾	K-4	New School	15,000,000	1
C-7 Springbank Hill/Discovery Ridge Elementary/Middle	K-9	New School	25,000,000	6
C-8 Silverado Elementary	K-4	New School	15,000,000	1
C-9 Evanston Middle	Gr.5-9	New School	25,000,000	1
C-10 Harvest Hills/Country Hills Elementary/Middle	K-9	New School	25,000,000	1
YEAR 1 TOTAL			237,000,000	
YEAR 2				
Community/School	Grade	Project Type	2014 Cost (\$)	Number of Years Listed in Capital Plan
C-11 Stampede Youth Campus	Gr. 10-12	New School	27,000,000	1
C-12 Cougar Ridge Elementary	K-4	New School	15,000,000	1
C-13 Auburn Bay Middle	GR5-9	New School	25,000,000	0
C-14 Kincora Elementary	K-4	New School	15,000,000	2
C-15 Skyview Ranch Elementary	K-4	New School	15,000,000	1
C-16 North Calgary High	Gr. 10-12	New School	52,000,000	1
YEAR 2 TOTAL			149,000,000	
YEAR 3				
Community/School	Grade	Project Type	2014 Cost (\$)	Number of Years Listed in Capital Plan
C-17 Evergreen Elementary ⁽²⁾	K-4	New School	15,000,000	1
C-18 Cranston Elementary ⁽²⁾	K-4	New School	15,000,000	0
C-19 Signal Hill Middle	Gr.5-9	New School	25,000,000	1
C-20 Valley Ridge/Crestmont Elementary	K-4	New School	15,000,000	0
C-21 Aspen Woods Middle	Gr.5-9	New School	25,000,000	0
C-22 Mahogany Elementary	K-4	New School	15,000,000	0
C-23 Sage Hill Elementary	K-4	New School	15,000,000	0
YEAR 3 TOTAL			125,000,000	
GRAND TOTAL			511,000,000	

Note: ⁽²⁾ = second elementary school for the community

** Southeast Calgary High - Prior to the Three Year School Capital Plan 2014-2017, an additional wing was requested at Centennial High School for the previous 3 years. Due to the anticipated future growth in SE Calgary, the request for an additional wing was replaced with a request for a new high school in SE Calgary starting with last year's capital plan submission.

7. Capital Priorities – Major Modernization Projects

There are 24 major modernization projects identified in the Three-Year School Capital Plan 2015-2018.

Table 2: School Major Modernizations				
Three-Year School Capital Plan 2015-2018 Priorities				
Priority Ranking – Project Description				
YEAR 1				
Community/School	Grade	Project Type	2014 Cost (\$)	Number of Years Listed in Capital Plan
M-1 Lord Beaverbrook High School	Gr. 10-12	Major Modernization	25,000,000	5
M-2 James Fowler High School	Gr. 10-12	Major Modernization	15,000,000	5
M-3 Forest Lawn High School	Gr. 10-12	Major Modernization	15,000,000	5
M-4 John Diefenbaker High School	Gr. 10-12	Major Modernization	15,000,000	5
M-5 Kingsland Centre	Gr. 10-12	Major Modernization	4,500,000	6
M-6 Sir Wilfrid Laurier School	Gr. 5-9	Major Modernization	11,000,000	6
M-7 Nickle School	Gr. 5-9	Major Modernization	12,000,000	6
M-8 Altadore School	K-6	Major Modernization	9,000,000	6
M-9 A.E. Cross School	Gr. 7-9	Major Modernization	12,000,000	5
M-10 Louis Riel School	K-9	Major Modernization	15,000,000	6
M-11 Senator Patrick Burns School	Gr. 5-9	Major Modernization	13,000,000	6
YEAR 1 TOTAL			146,500,000	
YEAR 2				
Community/School	Grade	Project Type	2014 Cost (\$)	Number of Years Listed in Capital Plan
M-12 Dr. J.K. Mulloy School	K-6	Major Modernization	10,000,000	6
M-13 Fairview School	Gr. 5-9	Major Modernization	14,000,000	6
M-14 Henry Wise Wood High School	Gr. 9-12	Major Modernization	20,000,000	5
M-15 Colonel Irvine School	Gr. 7-9	Major Modernization	12,000,000	1
M-16 Robert Warren School	Gr. 5-9	Major Modernization	5,000,000	6
YEAR 2 TOTAL			61,000,000	
YEAR 3				
Community/School	Grade	Project Type	2014 Cost (\$)	Number of Years Listed in Capital Plan
M-17 Sir John Franklin School	Gr. 5-9	Major Modernization	12,000,000	0
M-18 Woodman School	Gr. 5-9	Major Modernization	14,000,000	5
M-19 Sir John A. MacDonald School	Gr. 7-9	Major Modernization	12,000,000	5
M-20 Thomas B. Riley School	Gr. 5-9	Major Modernization	11,000,000	7
M-21 Sherwood School	Gr. 5-9	Major Modernization	15,000,000	10
M-22 Ernest Morrow School	Gr. 7-9	Major Modernization	12,000,000	0
M-23 Rosedale School	K-9	Major Modernization	8,000,000	0
M-24 Simon Fraser School	Gr. 5-9	Major Modernization	13,000,000	2
YEAR 3 TOTAL			97,000,000	
GRAND TOTAL			304,500,000	

8. Capital Priorities – New Construction & Major Modernizations

There are 47 new construction and major modernization projects identified in the Three-Year School Capital Plan 2015-2018.

Table 3: New School Construction and Major Modernizations				Number of Years Listed in Capital Plan
Year 1: 2015-2016 School Capital Plan Priorities				
Priority Ranking – Project Description				
Community/School	Grade	Project Type	2014 Cost (\$)	
1 West Springs/Cougar Ridge Middle	Gr. 5-9	New School	25,000,000	8
2 Southeast Calgary High	Gr. 10-12	New School	52,000,000	1
3 Lord Beaverbrook High School	Gr. 10-12	Major Modernization	25,000,000	5
4 James Fowler High School	Gr. 10-12	Major Modernization	15,000,000	5
5 Saddle Ridge Elementary ⁽²⁾	K-4	New School	15,000,000	1
6 Cranston Middle	Gr. 5-9	New School	25,000,000	1
7 Aspen Woods Elementary	K-4	New School	15,000,000	2
8 Martindale Elementary ⁽²⁾	K-4	New School	15,000,000	1
9 Forest Lawn High School	Gr. 10-12	Major Modernization	15,000,000	5
10 John Diefenbaker High School	Gr. 10-12	Major Modernization	15,000,000	5
11 Kingsland Centre	Gr. 10-12	Major Modernization	4,500,000	6
12 Springbank Hill/Discovery Ridge Elementary/Middle	K-9	New School	25,000,000	6
13 Silverado Elementary	K-4	New School	15,000,000	1
14 Evanston Middle	Gr.5-9	New School	25,000,000	1
15 Harvest Hills/Country Hills Elementary/Middle	K-9	New School	25,000,000	1
16 Sir Wilfrid Laurier School	Gr. 5-9	Major Modernization	11,000,000	6
17 Nickle School	Gr. 5-9	Major Modernization	12,000,000	6
18 Altadore School	K-6	Major Modernization	9,000,000	6
19 A.E. Cross School	Gr. 7-9	Major Modernization	12,000,000	5
20 Louis Riel School	K-9	Major Modernization	15,000,000	6
21 Senator Patrick Burns School	Gr. 5-9	Major Modernization	13,000,000	6
			Year 1 Total	383,500,000
Table 3: New School Construction and Major Modernizations				Number of Years Listed in Capital Plan
Year 2: 2016-2017 School Capital Plan Priorities				
Priority Ranking – Project Description				
Community/School	Grade	Project Type	2014 Cost (\$)	
22 Stampede Youth Campus	Gr. 10-12	New School	27,000,000	1
23 Cougar Ridge Elementary	K-4	New School	15,000,000	1
24 Auburn Bay Middle	GR5-9	New School	25,000,000	0
25 Kincora Elementary	K-4	New School	15,000,000	2
26 Skyview Ranch Elementary	K-4	New School	15,000,000	1
27 North Calgary High	Gr. 10-12	New School	52,000,000	1
28 Evergreen Elementary ⁽²⁾	K-4	New School	15,000,000	1
29 Dr. J.K. Mulloy School	K-6	Major Modernization	10,000,000	6
30 Fairview School	Gr. 5-9	Major Modernization	14,000,000	6
31 Henry Wise Wood High School	Gr. 9-12	Major Modernization	20,000,000	5
32 Colonel Irvine School	Gr. 7-9	Major Modernization	12,000,000	1
			Year 2 Total	220,000,000

Table 3: New School Construction and Major Modernizations				
Year 3: 2017-2018 School Capital Plan Priorities				
Priority Ranking – Project Description				
Community/School	Grade	Project Type	2014 Cost (\$)	
33 Robert Warren School	Gr. 5-9	Major Modernization	5,000,000	6
34 Cranston Elementary ⁽²⁾	K-4	New School	15,000,000	0
35 Signal Hill Middle	Gr.5-9	New School	25,000,000	1
36 Valley Ridge/Crestmont Elementary	K-4	New School	15,000,000	0
37 Aspen Woods Middle	Gr.5-9	New School	25,000,000	0
38 Mahogany Elementary	K-4	New School	15,000,000	0
39 Sage Hill Elementary	K-4	New School	15,000,000	0
40 Sir John Franklin School	Gr. 5-9	Major Modernization	12,000,000	0
41 Woodman School	Gr. 5-9	Major Modernization	14,000,000	5
42 Sir John A. MacDonald School	Gr. 7-9	Major Modernization	12,000,000	5
43 Thomas B. Riley School	Gr. 5-9	Major Modernization	11,000,000	7
44 Sherwood School	Gr. 5-9	Major Modernization	15,000,000	10
45 Ernest Morrow School	Gr. 7-9	Major Modernization	12,000,000	0
46 Rosedale School	K-9	Major Modernization	8,000,000	0
47 Simon Fraser School	Gr. 5-9	Major Modernization	13,000,000	2
			Year 3 Total	212,000,000
			GRAND TOTAL	815,500,000

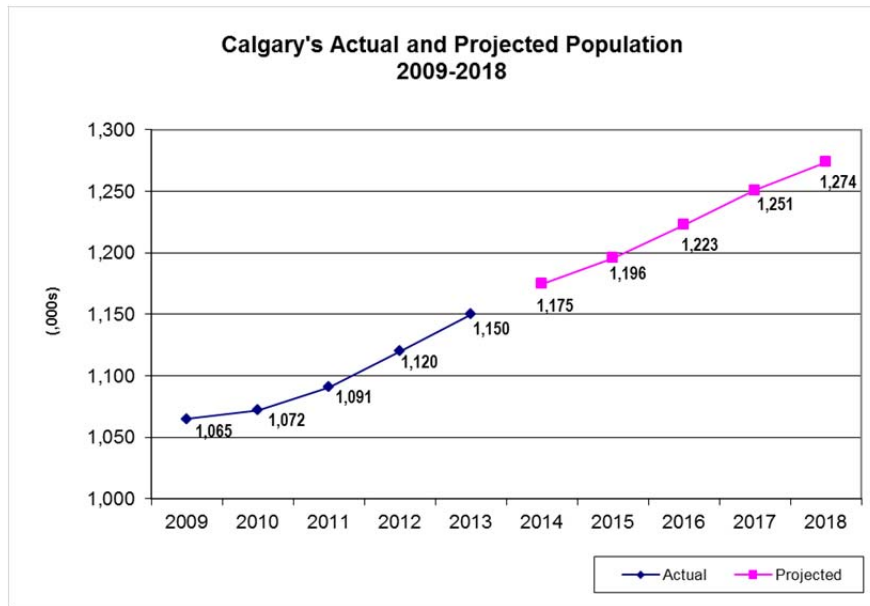
1.0 INTRODUCTION

The Calgary Board of Education (CBE) is a global leader in public education. Recognized as the largest school district in Western Canada, the CBE provides a full range of educational services for all instructional programs from Kindergarten through to Grade 12. The CBE addresses the complexity and diversity of 110,763 students (including Adult Education) through 226 schools with 9,115 permanent employees and an operating budget of \$1,177 million.

Over the past decade, Calgary has experienced tremendous growth and economic prosperity. One simple indicator of the magnitude of the growth is that the population of Calgary increased 106,660 persons between 2008 and 2013, at an average of 21,332 persons per year.

The population grew from 1,120,225 in April 2012 to 1,149,552 in 2013, an increase of 29,327 (2.6%). The population growth consisted of natural increase (10,260 persons) representing approximately 35% and net migration (19,067 persons) which represented approximately 65%.

The City of Calgary's report, Calgary and Region Economic Outlook 2013-2018 (Fall 2013), identifies continued strong growth for Calgary. The City forecast indicates the total population of Calgary will reach 1,274,000 in 2018, an increase of 124,448 persons from 2013 total of 1,149,552. The five-year population forecast to 2018 represents an average increase of 24,890 persons per year during this period and represents an increased pace from the previous five-year period.



Calgary Total Population (,000s)										
Actual						Projected				
2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1,043	1,065	1,072	1,091	1,120	1,150	1,175	1,196	1,223	1,251	1,274

Calgary and Region Economic Outlook 2013-2018 (Fall 2013)

1.1 CBE Student Enrolment

Total enrolment of 110,763 students was reported on September 30, 2013, and consists of 105,613 pre-Kindergarten to Grade 12 plus 5,150 enrolled in Home Education, Outreach and Unique Settings at Chinook Learning Services and CBe-learn. This count included 1,039 students 20 years old or older on September 1 who are currently not eligible for funding.

Enrolment increased by 3,659 students from September 30, 2012, to September 30, 2013, with notable increase at Kindergarten, Division I (Grades 1-3) and Division II (Grades 4-6). This increase is mainly due to high birth rates, higher than anticipated net migration and a slight increase in CBE's market share.

Parents and students continue to access program choices offered by the Calgary Board of Education. From September 30, 2012, to September 30, 2013, enrolment in alternative programs increased by 1,234 students or 7%. Enrolment in alternative programs is 19,558 of which 10,924 are enrolled in language programs (French Immersion, Spanish Bilingual, German Bilingual and Chinese Bilingual), 5,078 in Traditional Learning Centres and 3,556 in other programs.

The following table provides a summary of enrolments including Unique Settings, Outreach Programs, Chinook Learning, and CBe-learn from September 30, 2009, to September 30, 2013.

Five-Year History of Enrolments by Division 2009-2013					
	2009	2010	2011	2012	2013
Pre-Kindergarten	22	38	51	80	145
Kindergarten	7,180	7,459	7,718	8,252	8,936
Grades 1-3	21,693	22,393	23,362	24,444	25,959
Grades 4-6	20,690	20,379	20,525	21,333	22,552
Grades 7-9	22,075	21,647	21,457	21,623	21,751
Grades 10-12	25,670	25,634	25,533	25,896	26,270
Sub-Total (pre-k to grade 12)	97,330	97,550	98,646	101,628	105,613
Home Education	187	186	189	247	297
Outreach and Unique Settings	1,727	1,755	1,797	1,789	1,772
Chinook Learning Services	2,447	2,789	2,935	2,760	2,515
CBe-learn	685	637	615	680	566
Sub-Total	5,046	5,367	5,536	5,476	5,150
Total	102,376	102,917	104,182	107,104	110,763

Five-Year Enrolment Projections

CBE's current enrolment of 110,763 students is forecast to increase to 125,540 students by 2018. An increase of 14,777 students is projected averaging 2,900 additional students annually. The largest increase over this five-year timeframe is projected to be in Division I (Grades 1-3) and by Division II (Grades 4-6). Junior high enrolment (Grades 7-9) is projected to increase over the next five years. Senior high enrolment (Grades 10-12) is projected to decline slightly next year and then begin to increase slightly starting in 2015.

A summary of the September 2013 actual student enrolments and September 2014-2018 projected enrolments are below:

Five-Year Enrolment Projections 2014-2018						
	Actual 2013	Projected				
		2014	2015	2016	2017	2018
Pre-Kindergarten	145	210	230	250	250	250
Kindergarten	8,936	9,017	9,032	8,662	8,429	8,429
Grades 1-3	25,959	27,521	28,813	29,543	29,273	28,632
Grades 4-6	22,552	23,649	24,713	26,058	27,625	28,928
Grades 7-9	21,751	22,300	22,962	24,146	25,321	26,460
Grades 10-12	26,270	26,184	26,465	26,332	27,002	27,778
Sub-Total (pre-k to grade 12)	105,613	108,882	112,216	114,993	117,901	120,477
Home Education	297	336	379	429	484	547
Outreach and Unique Settings	1,772	1,795	1,819	1,843	1,869	1,894
Chinook Learning	2,515	2,434	2,357	2,281	2,208	2,137
CBe-learn	566	548	531	515	499	484
Sub-Total	5,150	5,113	5,086	5,068	5,060	5,063
Total Student Count	110,763	113,995	117,302	120,061	122,961	125,540

- CBe-learn and Chinook Learning Services accept registrations on an on-going basis.
- All projections are subject to annual review and update.
- Projections use September 30, 2013, enrolments as a base.

Enrolment in Outreach Programs, Unique Settings and CBe-learn assumes current enrolment patterns. Enrolment at Chinook Learning Services is projected to increase slightly over the next five years. Projections for Early Development Centres (pre-k) have been prepared in consultation with the Administration responsible for these programs and are reflective of the growth anticipated over the forecast period.

Projections for Home Education, Outreach Programs and Unique Settings are reflective of the growth and/or decline anticipated over the forecast period. The above mentioned programs/settings are all unique in nature.

Chinook Learning Services and CBe-learn register students continually throughout the year. The enrolment reported for both Chinook Learning and CBe-learn represents students who are only enrolled in either of those two programs and not accessing programming at another CBE school. Students enrolled in other CBE schools, that are accessing one or more courses at either Chinook or CBe-learn, are reported in the pre-k to Grade 12 enrolment. The enrolment reported for Chinook Learning includes students enrolled in academic success programs (high school upgrading) and does not include students in Adult English language Learning (ELL) and Continuing Education (personal and professional development).

Enrolment in Chinook Learning Services and CBe-learn has declined over the last few years. One reason for the decline may be the strong job market in Alberta at this time. This past year, funding cuts to post-secondary education in Alberta resulted in increases to admission requirements for many Alberta programs. In the future, this may result in more students accessing academic upgrading opportunities. Looking forward, enrolment projections for Chinook Learning and CBe-learn take these two factors into consideration.

Alberta's new Education Act was passed in the Legislature and received Royal Assent on December 10, 2012. Now, a comprehensive review of the Education Act's regulations is required before this innovative legislation can come into force. Proposed changes to the Alberta School Act will give students access to provincially funded high school education until the age of 21. This will affect CBE enrolment projections in the future. How to best meet the needs of these older students will be at the discretion of individual school boards. The Province has announced the Minister's Education Act Regulatory Review Committee. This committee will ensure that the regulatory framework is consistent with Inspiring Education. The committee will seek input from Albertans as they revise supporting regulations which are the nuts and bolts of how key aspects of the legislation are translated into action. At this time, it is anticipated that the new legislation will come into force in time for the 2015-16 school year. Once the CBE strategy for accommodating these older students is known, the impacts will be reflected in future projections.

1.2 Calgary Growth and Development

The City of Calgary supports an actively competitive land market in all areas of the city and there are 23 new and developing municipal communities (Suburban Residential Growth, February 2013) in various stages of development. The large number of concurrently developing communities puts increased pressure on the CBE to meet the expectations of parents for school construction in their community. Although the number of communities has declined over the last decade, the size of the communities being planned and built today are much larger than they have been historically. Although there are approximately ten fewer actively developing communities today, the land supply is essentially the same as the land supply in 2000.

The top ten developing communities to receive residential building permit applications in Calgary for 2012 were:

- Evanston (N)
- Cranston (SE)
- Auburn Bay (SE)
- Skyview Ranch (NE)
- New Brighton (SE)
- Copperfield (SE)
- Panorama Hills (N)
- Sage Hill (N)
- Mahogany (SE)
- Silverado (S)

(Source: Suburban Residential Growth 2013-2017, p. A2-6, A2-7)

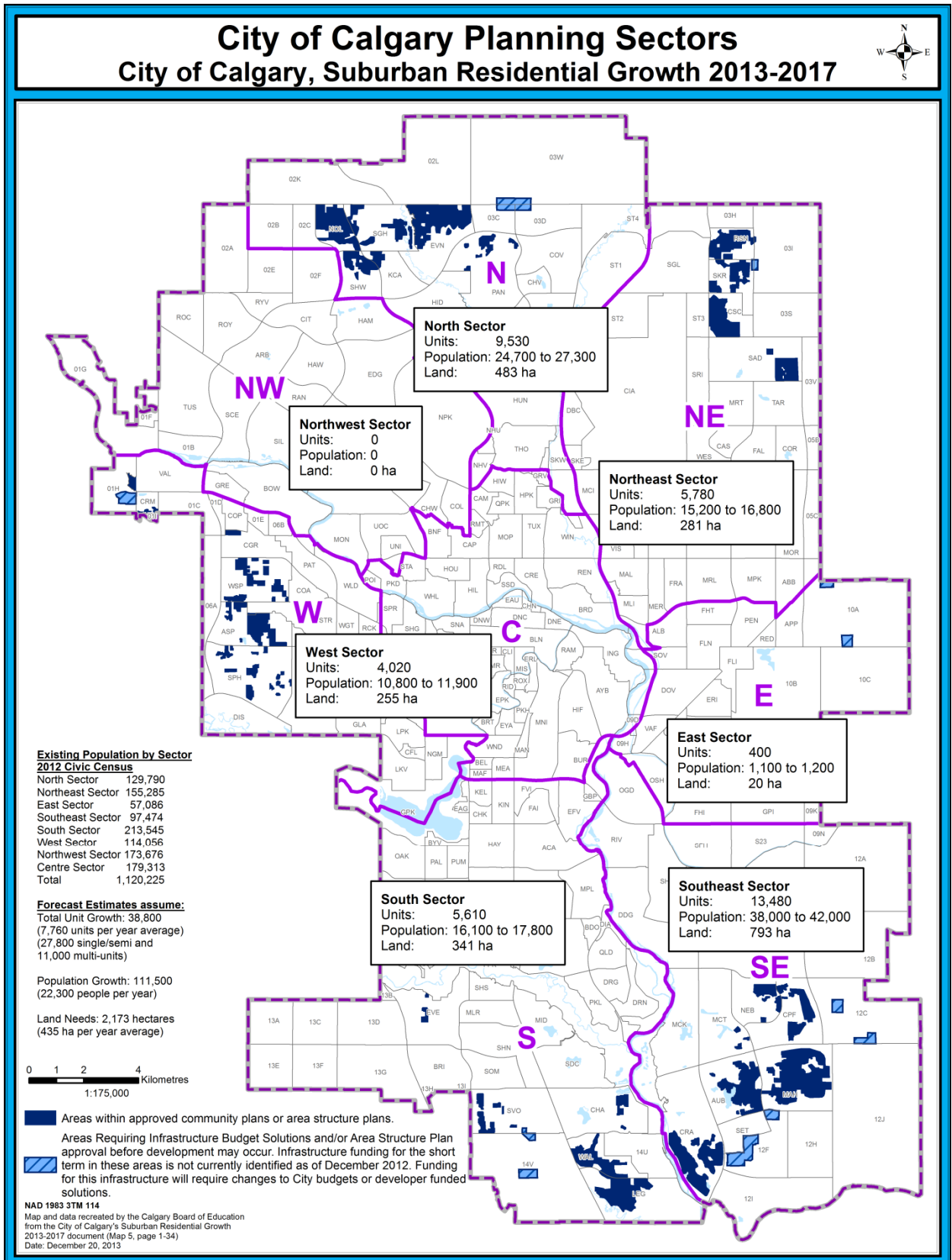
Forecasted Suburban Growth – 2013-2017

The Suburban Residential Growth 2013-2017 indicates that 97% of the population growth over the past five years (2008-2012) has been in the developing communities. Although the new Calgary Municipal Development Plan supports more intensification into developed areas of Calgary, forecasts over the next five years estimate approximately 94% of the population growth will continue to occur in the new suburbs.

The above report indicates the planned land supply could accommodate approximately 310,800 persons on the future residential lands, based upon approved plans in place, which represents a 10 to 12 year land supply. In terms of ready to use fully serviced land, with land use in place, approximately 130,000 people could be accommodated which represents an approximate three to five year supply of land.

A summary of the five-year period forecast from the Suburban Residential Growth 2013-2017 for suburban locations is as follows (see Map 1):

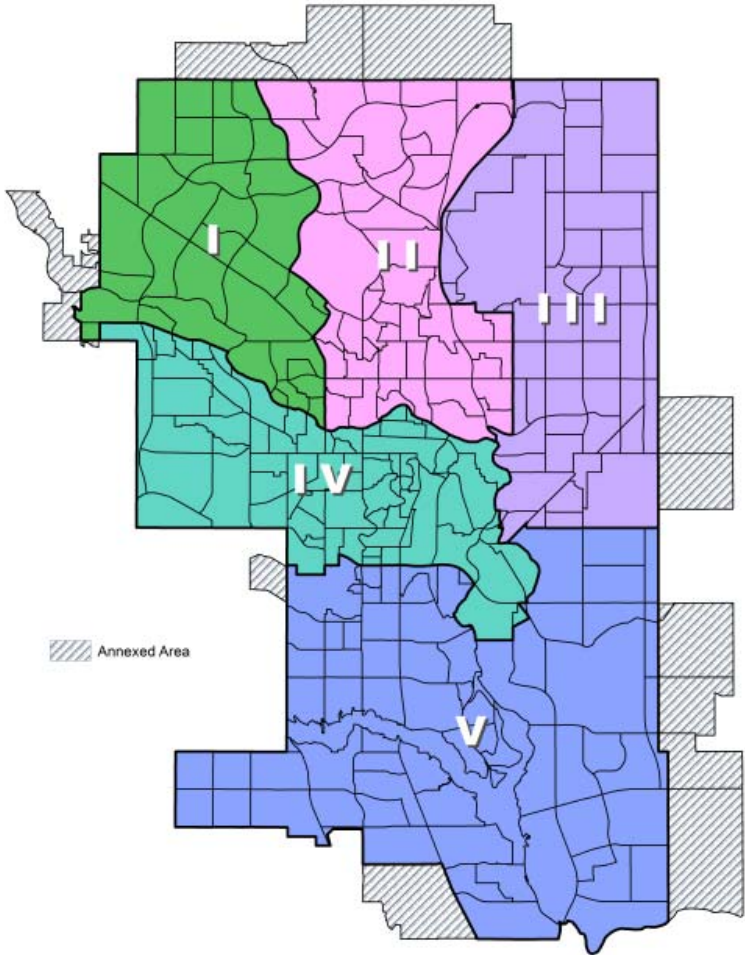
City Growth Trends by City Sector 2013-2017			
Sector	Housing Units	Population Forecast	Hectares
Northwest	0	0	0
North	9,530	24,700 - 27,300	483
Northeast	5,780	15,200 - 16,800	281
East	400	1,100 - 1,200	20
Southeast	13,480	38,000 - 42,000	793
South	5,610	16,100 - 17,800	341
West	4,020	10,800 - 11,900	255



Extrapolating from these City forecasts, the following population increases for suburban locations were prepared to determine populations by CBE's administrative Area boundary:

City Growth Trends by CBE Area 2013-2017	
Area	Population Forecast
Area I	9,300 – 9,700
Area II	15,400 – 17,600
Area III	16,300 – 18,000
Area IV	10,800 – 11,900
Area V	54,100 – 59,800

A portion of the north growth for the communities of Nolan Hill and Sherwood will be in the Area I population forecast. Area III includes the Northeast and East sectors. Area V includes the Southeast and South sectors and indicates that slightly more than 50% of the City's growth will be in Area V. Both Area II and Area III will each have approximately 15% of the City's growth.



1.3 Framework for Growth and Change

The new Municipal Development Plan (MDP), *Plan It Calgary*, was implemented April 1, 2010, and is the overarching policy that documents municipal development and transportation. *Plan It Calgary* intends to reduce the amount of growth allocated to the developing communities, which is essentially 100% and to intensify the inner-city and established areas with additional population. The 30-year target of the plan for growth into established areas is 33% and the 60-year target is 50% growth to established areas.

Part 5 of *Plan It Calgary* established a framework for growth and change. This is to ensure reprioritizing municipal investment to align with its long-term growth management strategy on how Calgary will grow and develop over the next 60 years. Calgary City Council directed the City Administration to develop a decision framework to determine when to commence planning, financing, and servicing.

The CBE participated in the stakeholder meetings during fall 2011 and all of 2012 and 2013 as part of the City's "Framework for Growth and Change" process. The City Administration has reported back to the Standing Policy Committee on Land Use, Planning and Transportation (LPT) and City Council on the process and results.

A recent report to Standing Policy Committee on Land Use, Planning and Transportation was on December 4, 2013. The purpose of the report was to seek Council approval of a Land Supply Strategy, as part of the implementation of the Framework for Growth and Change. The Land Supply Strategy:

- Incorporates market considerations into the Framework
- Provides targets for serviced land in Developed areas; and
- Initiates the development of targets for Developed areas; and
- Supports implementing the Municipal Development Plan (MDP) as it relates to complete communities and promoting financially efficient development.

The objective of the Strategy is to facilitate good land supply management and smooth land market function. It initiates functional targets where appropriate, while reinforcing the importance of a transparent monitoring program that helps to identify and avoid unintended consequences.

The CBE has advocated, as part of the growth management process, that the City should have more short-term targets (5, 10 and 15 years) to monitor progress toward growth allocated to the developing communities in relation to the inner-city and established areas. This would enable monitoring of short-term and mid-term benchmarks in reaching the 30-year target of the plan for growth into established areas of 33% and the 60-year target of 50% growth to established areas. Intensification of built-up areas, as advocated through the Framework for Growth and Change, may positively impact the population in the established and mature communities and may increase student enrolments for CBE schools in these areas.

The CBE has identified concerns over the past decade, in annual school capital plans, regarding the large number of concurrently developing communities. The City supports an actively competitive land market in all areas of the city and there are 23 new and developing municipal communities in various stages of development. The large number of developing communities puts increased pressure on the CBE to meet the expectations of parents for new school construction in their community. The CBE has indicated more orderly growth could be achieved by phasing growth into a smaller number of communities that are fully completed on a timely basis.

In terms of population increased from the April 2012 Census to the April 2013 Census, there were four developing communities that exceeded 1,500 persons population growth. Evanston had the largest annual increase of 1,680 persons closely followed by communities of Auburn Bay (1,632 persons), Cranston (1,578 persons) and Skyview Ranch (1,519 persons). Four other communities exceeded 1,000 population growth (Panorama Hills, New Brighton, Copperfield, Aspen Woods).

The largest increase in the established communities was Beltline with a population increase of 513 persons. There were three other inner city and established communities that exceeded an increase of 300 population consisting of Downtown Commercial Core (411), Huntington Hills (353), and Tuxedo Park (327).

1.4 City of Calgary Annexation

Previously Annexed Lands

The majority of the 36,000 acres annexed to the City of Calgary, from the MD of Foothills in 2005 and MD of Rocky View in 2007, remain outside of the Calgary Board of Education's jurisdictional boundary.

The Minister of Education has identified it is in the best interest of the students to retain the existing school boundaries until urban development warrants change.

The Minister has indicated that annexed lands would be brought into the CBE and Calgary Catholic School District inventory as area structure plans are finalized.

To date, the following areas of the new annexation lands have been added to the CBE jurisdictional boundaries:

- Annexed land in the south was added to the CBE boundary June 25, 2009 and consists of the communities of Walden and Legacy. These future communities will build out to a population of approximately 26,100 to 27,400 persons based on 2013 estimates.

- Annexed land in the northwest has been added for a small extension to the Valley Ridge community that will add approximately 500 persons when fully built-out. A ministerial order was received September 26, 2011 to adjust the CBE boundaries.
- Approximately 177 acres of land in the south have been removed from the City and CBE boundaries as part of the Spruce Meadows lands being added to the MD of Rocky View. A ministerial order was received in September 12, 2011 to adjust the CBE boundaries affected by the Spruce Meadows lands.

A map on page 10 identifies these latter locations.

The Calgary City Council has approved regional context studies to guide development in the newly annexed lands.

- The City has approved the East Regional Context Study (April 2009) with an eventual population of 160,000 persons and approximately 22,000 jobs upon full build-out.
- The City has approved the West Regional Context Study (April 2010) with an eventual population of 22,000 people and 7,000 jobs upon full build-out.
- The City has approved the North Regional Context Study (June 2010) with an eventual population of 216,000 persons and approximately 69,000 jobs on full build-out.

In the next five years, population growth is expected to occur primarily in the developing Calgary communities, and there is a planned land supply that can accommodate approximately 310,800 persons.

More detailed area structure plans are being undertaken to guide future planning in the annexed lands. CBE planning personnel have been participating in meetings, discussions and plan preparation, to enable long-term school planning in these new plan areas.

The **West Macleod Area Structure Plan** was approved November 30, 2009 and will accommodate a population of approximately 28,000 persons. The plan currently is currently in process with an amendment for an additional 10,000 persons to the south.

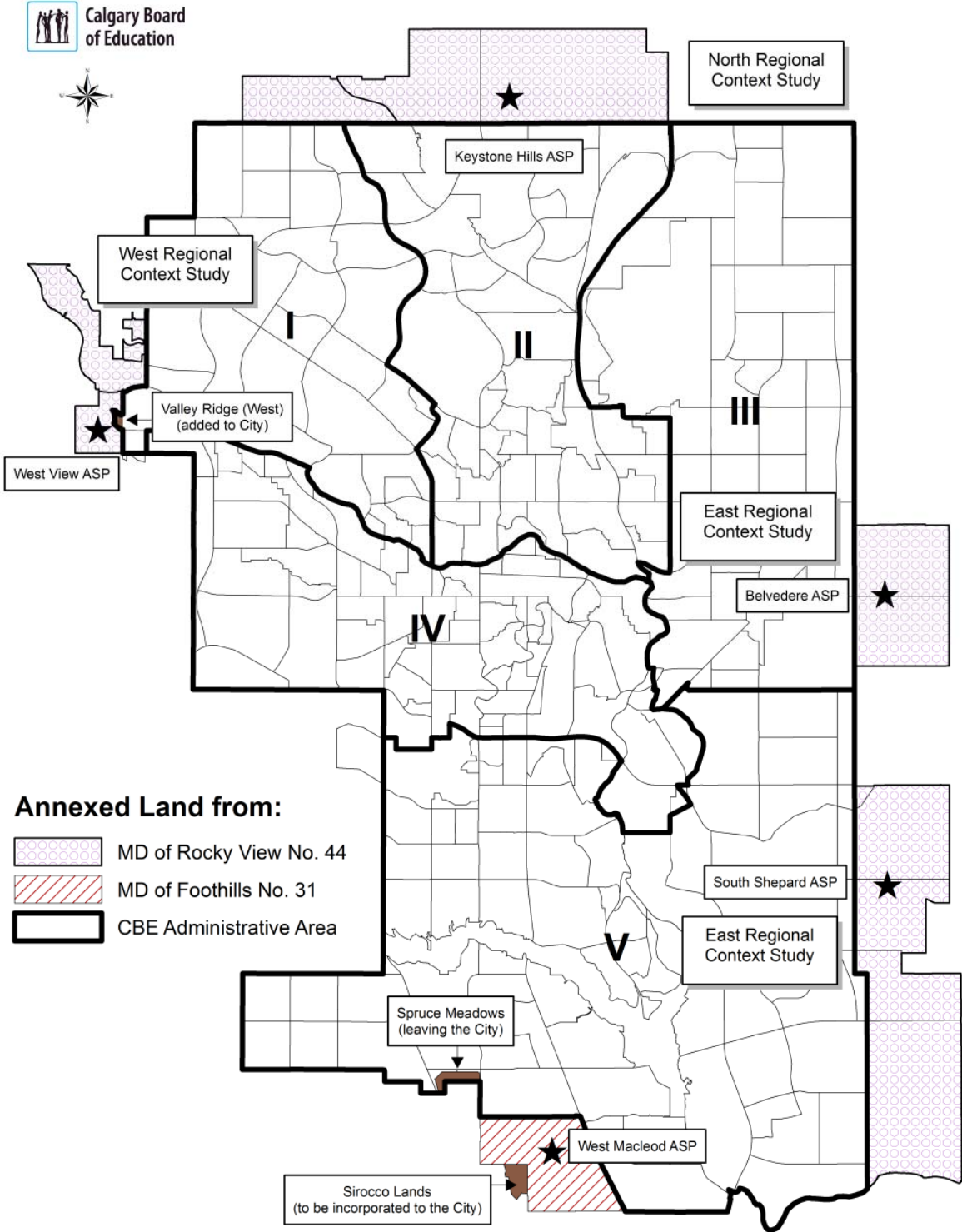
The **Keystone Hills Area Structure Plan** in the north was approved July 16, 2012 and will accommodate a population of approximately 60,000 persons.

The **West View Area Structure Plan** will accommodate a population of approximately 8,300 persons. The ASP was initiated following approval of the West Regional Context Study. The ASP has been on hold since December 2010 while the Province conducts a functional study to determine the access location to the West View area.

The **South Shepard Area Structure Plan** was approved May 6, 2013 and will accommodate a population of approximately 28,000 persons.

The **Belvedere Area Structure Plan** on the east was approved April 8, 2013 and will accommodate a future population of approximately 61,000 persons.

It is anticipated following approvals of area structure plans and subsequent outline plans, that the CBE and Catholic Separate School District will request, on an as required basis, the Minister to include these lands as part of their respective school boundaries.



Prepared by: Planning, Transportation and Environmental Services
November 2012
Map: Annexation Map.mxd

2.0 CAPITAL STRATEGIES

2.1 Calgary Board of Education

- Delivery of school programs e.g. Career and Technology Studies.
- Community Schools – New schools required in rapidly growing communities in order to minimize student travel times and meet needs for a local school in their community.
- Aging Facilities – Older schools that require modernization, rehabilitation or replacement in order to provide appropriate learning environments for students. It is estimated the cost for the major maintenance and repair of CBE educational facilities is in excess of \$920 million.

A balanced approach for the plan will be developed to ensure the CBE is pursuing capital funding opportunities which recognize the changing needs of students and is focused on building strong ties with parents, partners, and the community. More specifically, the CBE recognizes:

- Provincial funding is required for new school construction in new and developing communities;
- Parents desire schools to be closer to home, especially for younger students;
- Increasing public demand for program alternatives and personalized learning; and
- Transitions for students with minimal disruption in order to provide continuity of learning with consistent peer cohorts.

This approach to planning anticipates a system of core elementary feeder schools for local school communities (attendance areas), complemented with middle/junior high, and senior high schools serving large geographic areas. The CBE defines a school community as the population required to sustain a school.

The key drivers of the *Three-Year School Capital Plan 2015-2018* will be to undertake the following types of projects:

Program Delivery – Projects that were urgently required to enable the requirements are met through new school construction, school modernizations and projects to meet program delivery. High priority program delivery projects are listed below.

- Chinook Learning Services (CLS) –The CBE vision is a major central campus and two other locations in the city.
- Career and Technology Studies – In January 2014, the Province approved modernization projects for Bowness High School and Jack James High School. These modernizations will support delivery of new Career and Technology Studies (CTS) curriculum. CBE continues to seek approval of modernization projects to be undertaken in Area II and Area V to address new Career and Technology Studies (CTS) curriculum. Selected schools will deliver CTS courses and programs at exploratory, specialized and credential levels.

2.2 Three-Year Education Plan

Alberta Education requires school boards to maintain three-year plans, updated annually. School boards are responsible for carrying out their education plans; for reporting annually to parents, communities, and government on results and use of their resources; and, for using results information to update plans and improve education for students. The Board of Trustees approved the combined Annual Education Results Report 2012-2013 and Three-Year Education Plan 2013-2016 on December 3, 2013. A summary of Facilities and Capital Plans identifying new school constructions projects and major modernization projects are included in the Three-Year Education Plan.

Long-range education plans will continue to be developed and these plans will form the basis of the annual School Capital Plan and the Ten-Year System Student Accommodation and Facilities Strategy to ensure that programs and services for students are provided in suitable facilities in appropriate locations. Education planning information will be based on: the Three-Year Education Plan; Area Renewal Plans and other program development undertaken through the Chief Superintendent's office, School Support Services, and the respective Area Offices. This information, in conjunction with the Three-Year School Capital Plan, Three-Year System Student Accommodation Plan and facility information, will be used to determine the school programs and facility upgrade strategies for each school.

Facility and capital project plans will be developed through the Facilities and Environmental Services Unit based upon approvals obtained for new school construction, replacement schools, modernizations, facility maintenance, facility upgrades and other projects, as identified in this and other plans approved by the Board of Trustees.

2.3 Administrative Areas and Space Utilization

The CBE has five administrative Areas as indicated on **Map 2**. Within each of these Areas, this Three-Year School Capital Plan will review all new and developing communities for new school construction eligibility. The Province has indicated that utilization is reviewed when evaluating a jurisdiction's capital priorities; however, the 85% utilization rate is not a firm requirement but rather a guideline. Currently, the calculation of school capacities, which affects utilization rates, is under review by the Province.

The CBE desires to use their facilities efficiently and continues to work towards an average 80% utilization rate. Given the constraints of the existing utilization formula and other influencing factors such as the Class Size Initiative, the CBE considers an 80% utilization rate a reasonable target. Currently, the CBE's overall utilization rate by enrolment is 83%. The utilization rate is 75.8% for K-9 students and 93.8% for Grades 10-12 students.

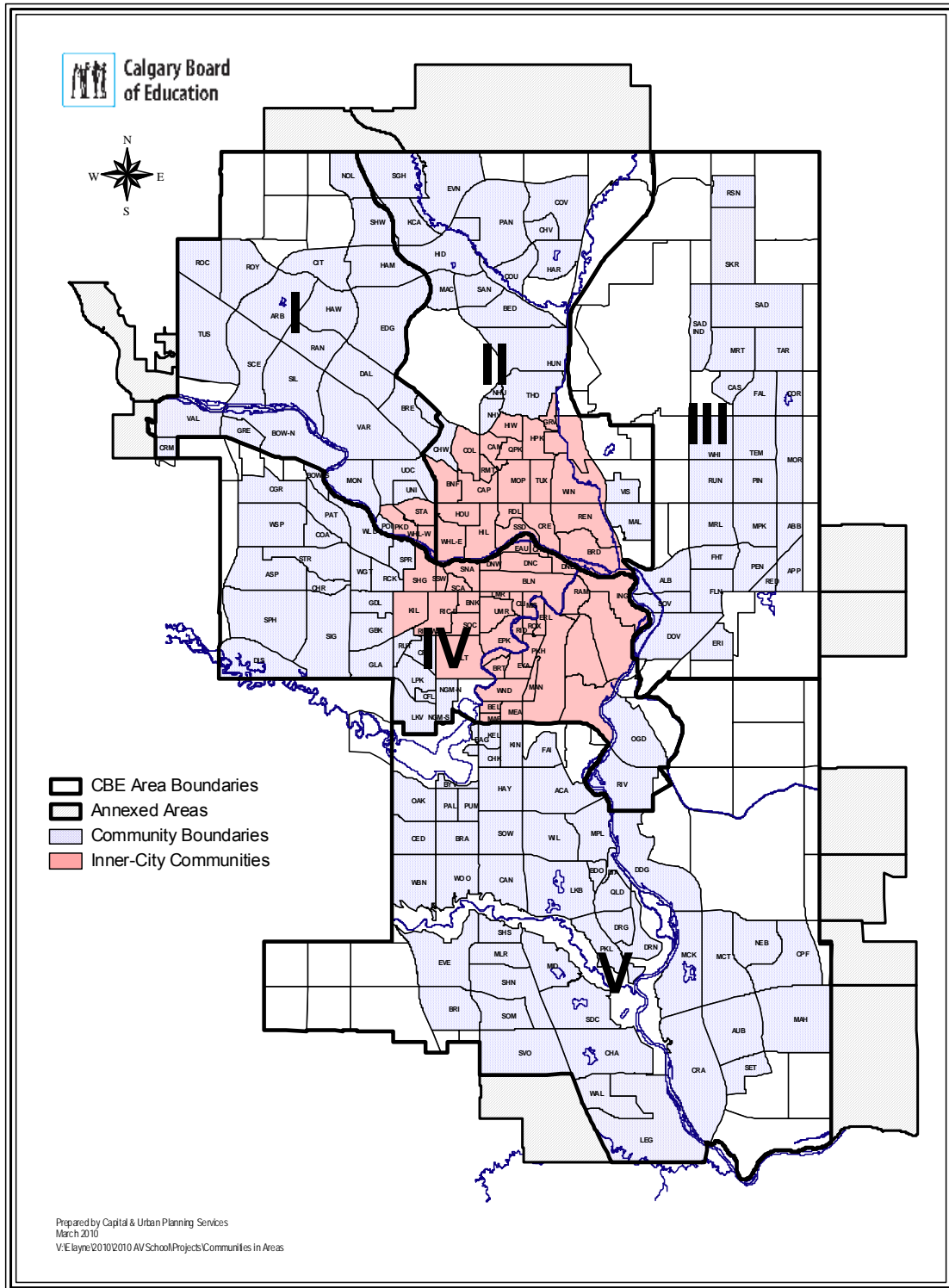
A summary of utilization by enrolment and by residence follows below and is included in detail in Appendix I. Utilization by enrolment identifies the number of students attending schools in an Area expressed as a percentage of the total capacity. Utilization by residence identifies the number of students residing in an Area expressed as a percentage of the total capacity. Projections for 2018-2019 account for additional school capacity through new construction.

Area Utilization by Student Enrolment (Actual & Projected)			
Area	Sector	2013-2014 Actual K-12 Utilization	2018-2019 Projections K-12 Utilization
Area I	Sector 1	65.24%	68.58%
	Sector 2	90.42%	92.61%
Total		79.75%	82.46%
Area II	Sector 3	85.01%	84.60%
	Sector 4	89.68%	90.52%
Total		86.62%	86.79%
Area III	Sector 5	81.64%	88.67%
Total		81.64%	88.67%
Area IV	Sector 6	87.01%	97.24%
	Sector 7	77.75%	82.67%
Total		82.35%	89.91%
Area V	Sector 8	78.28%	86.14%
	Sector 9	93.91%	74.43%
Total		83.31%	81.44%
Total		83.03%	85.51%

Area Utilization by Student Residence (Actual & Projected)			
Area	Sector	2013-2014 Actual K-12 Utilization	2018-2019 Projections K-12 Utilization
Area I	Sector 1	86.58%	90.09%
	Sector 2	100.23%	102.71%
Total		94.44%	97.38%
Area II	Sector 3	29.00%	32.25%
	Sector 4	139.40%	139.32%
Total		66.95%	71.77%
Area III	Sector 5	100.73%	102.15%
Total		100.73%	102.15%
Area IV	Sector 6	98.60%	108.99%
	Sector 7	57.53%	63.44%
Total		77.93%	86.07%
Area V	Sector 8	46.59%	51.48%
	Sector 9	167.77%	132.07%
Total		85.57%	83.82%
Total		84.40%	87.25%

Municipal Communities in Areas

(See List of Community Code Definitions)



Municipal Community Code Definitions

ABB	Abbeydale	FAL	Falconridge	RED	Red Carpet
ACA	Acadia	FHT	Forest Heights	RSN	Redstone
ALB	Albert Park/Radisson Hts	FLN	Forest Lawn	REN	Renfrew
ALT	Altadore	GLA	Glamorgan	RIC-E	Richmond-E
APP	Applewood Park	GBK	Glenbrook	RIC-W	Richmond-W
ARB	Arbour Lake	GDL	Glendale	RID	Rideau Park
ASP	Aspen Woods	GRV-N	Greenview-N	RIV	Riverbend
AUB	Auburn Bay	GRV-S	Greenview-S	ROC	Rocky Ridge
BNF	Banff Trail	GRE	Greenwood/Greenbriar	RDL	Rosedale
BNK	Bankview	HAM	Hamptons	RMT	Rosemont
BYV	Bayview	HAR	Harvest Hills	RCK	Rosscarrock
BED	Beddington Hts	HAW	Hawkwood	ROX	Roxboro
BEL	Bel-Aire	HAY	Haysboro	ROY	Royal Oak
BLN	Beltline	HID	Hidden Valley	RUN	Rundle
BDO	Bonavista Downs	HPK	Highland Park	RUT	Rutland Park
BOW-N	Bowness-N	HIW	Highwood	SAD	Saddle Ridge
BOW-S	Bowness-S	HIL	Hillhurst	SRI	Saddle Ridge Industrial
BRA	Braeside	HOU	Hnsfld Hts/Briar Hill	SGH	Sage Hill
BRE	Brentwood	HUN	Huntington Hills	SAN	Sandstone Valley
BRD	Bridgeland/Riverside	ING	Inglewood	SCA	Scarboro
BRI	Bridlewood	KEL	Kelvin Grove	SSW	Scarboro/Sunalta West
BRT	Britannia	KIL	Killarney/Glengarry	SCE	Scenic Acres
CAM	Cambrian Hts	KCA	Kincora	SET	Seton
CAN	Canyon Meadows	KIN	Kingsland	SHG	Shaganappi
CAP	Capitol Hill	LKB	Lake Bonavista	SHS	Shawnee Slopes
CAS	Castleridge	LKV	Lakeview	SHN	Shawnessy
CED	Cedarbrae	LEG	Legacy	SHW	Sherwood
CFC	CFB – Currie	LPK	Lincoln Park	SIG	Signal Hill
CFL	CFB - Lincoln Park PMQ	LMR	Lower Mount Royal	SIL	Silver Springs
CHA	Chaparral	LYX	Lynx Ridge	SVO	Silverado
CHW-N	Charleswood-N	MAC	MacEwan Glen	SKR	Skyview Ranch
CHW-S	Charleswood-S	MAH	Mahogany	SOM	Somerset
CHN	Chinatown	MAN	Manchester	SOC	South Calgary
CHK	Chinook Park	MPL	Maple Ridge	SMC	South Macleod ASP
CHR	Christie Park	MRL	Marlborough	SOV	Southview
CIT	Citadel	MPK	Marlborough Park	SOW	Southwood
CSC	Cityscape	MRT	Martindale	SPH	Springbank Hill
CLI	Cliff Bungalow	MAF	Mayfair	SPR	Spruce Cliff
COA	Coach Hill	MAL	Mayland Heights	STA	St. Andrews Hts
COL	Collingwood	MCK	McKenzie Lake	STR	Strathcona Park
CPF	Copperfield	MCT	McKenzie Towne	SNA	Sunalta
COR	Coral Springs	MEA	Meadowlark Park	SDC	Sundance
CGR	Cougar Ridge	MID	Midnapore	SSD	Sunnyside
CHV	Country Hills Village	MLR	Millrise	TAR	Taradale
COU	Country Hills	MIS	Mission	TEM	Temple
COV	Coventry Hills	MOR	Monterey Park	THO-N	Thornccliffe-N
CRA	Cranston	MON	Montgomery	THO-S	Thornccliffe-S
CRE	Crescent Hts	MOP	Mount Pleasant	TUS	Tuscany
CRM	Crestmont	NEB	New Brighton	TUX	Tuxedo Park
DAL	Dalhousie	NOL	Nolan Hill	UNI	University Heights
DRG	Deer Ridge	NGM-N	North Glenmore Park-N	UOC	University of Calgary
DRN	Deer Run	NGM-S	North Glenmore Park-S	UMR	Upper Mount Royal
DIA	Diamond Cove	NHV	North Haven	VAL	Valley Ridge
DIS	Discovery Ridge	NHU	North Haven Upper	VAR	Varsity
DDG	Douglasdale/Glen	OAK	Oakridge	VIS	Vista Heights
DOV	Dover	OGD	Ogden	WAL	Walden
DNC	Downtown Commercial Core	PAL	Palliser	WHL-E	West Hillhurst-E
DNE	Downtown East Village	PAN	Panorama Hills	WHL-W	West Hillhurst-W
DNW	Downtown West End	PKD	Parkdale	WSP	West Springs
EAG	Eagle Ridge	PKH	Parkhill	WGT	Westgate
EMC	East Macleod (ASP)	PKL	Parkland	WHI	Whitehorn
EAU	Eau Claire	PAT	Patterson	WLD	Wildwood
EDG	Edgemont	PEN	Penbrooke Meadows	WIL	Willow Park
EPK	Elbow Park	PIN	Pineridge	WND	Windsor Park
EYA	Elboya	POI	Point Mckay	WIN	Winston Hts/Mntview
ERI	Erin Woods	PUM	Pump Hill	WBN	Woodbine
ERL	Erlton	QPK	Queen's Park Village	WOO	Woodlands
EVN	Evanston	QLD	Queensland		
EVE	Evergreen	RAM	Ramsay		
FAI	Fairview	RAN	Ranchlands		

2.4 Planning for Students

System Student Accommodation Plan

The CBE has a Three-Year System Student Accommodation Plan to inform appropriate decision-making and timely engagement for community members and parents in CBE accommodation planning. The process applies to and informs recommendations regarding all school and program accommodation issues. A Three-Year System Student Accommodation Plan is developed to support and reflect the Three-Year Education Plan, Three-Year School Capital Plan, and the Ten-Year System Student Accommodation and Facilities Strategy.

Student accommodation needs are identified by the Planning & Transportation department in consultation with Area Directors. Administration is responsible for engaging internal and external stakeholders regarding student accommodation challenges. The Three Year System Student Accommodation Plan 2013-2016 was received for information at the June 18, 2013, Board of Trustees meeting.

Full Day Kindergarten

The Province has recently indicated they would like to review the learning benefits of full-day kindergarten. The Province plans to undertake a review of operational issues to better understand the implications of this possible future programming change.

In terms of the CBE schools, the mandating of full day kindergarten in all elementary schools would have significant planning, accommodation, staffing, transportation, community engagement and cost implications.

Changes to the School Act

Alberta's new Education Act was passed in the Legislature and received Royal Assent on December 10, 2012. Now, a comprehensive review of the Education Act's regulations is required before this innovative legislation can come into force. Proposed changes to the Alberta School Act will give students access to provincially funded high school education until the age of 21. This will affect CBE enrolment projections in the future. How to best meet the needs of these older students will be at the discretion of individual school boards.

The Province has announced the Minister's Education Act Regulatory Review Committee. This committee will ensure that the regulatory framework is consistent with Inspiring Education. The committee will seek input from Albertans as they revise supporting regulations which are the nuts and bolts of how key aspects of the legislation are translated into action. At this time, it is anticipated that the new legislation will come into force in time for the 2015-16 school year. Once the CBE strategy for accommodating these older students is known, the impacts will be reflected in future projections.

Program Opportunities for Students

The CBE is committed to a balance among equity, access, excellence, and choice within the school system and consequently offers a wide variety of programs for students of all ages. Programs are designed to enrich the lives of students and to promote quality learning. They recognize the many diverse ways of learning and the many interests and abilities of students. Through the Three-Year System Student Accommodation Plan, these programs are initiated where space is available and as close as possible to where demand for the programs exists. A link to the website is as follows:

<http://www.cbe.ab.ca/AboutUs/documents/Three-Year-System-Student-Accommodation-Plan-2013-2016.pdf>

2.5 New School Construction and School Approvals

The Robert Thirsk High School with a 1,500 student capacity for Grades 10-12 opened for the 2013-2014 school year.

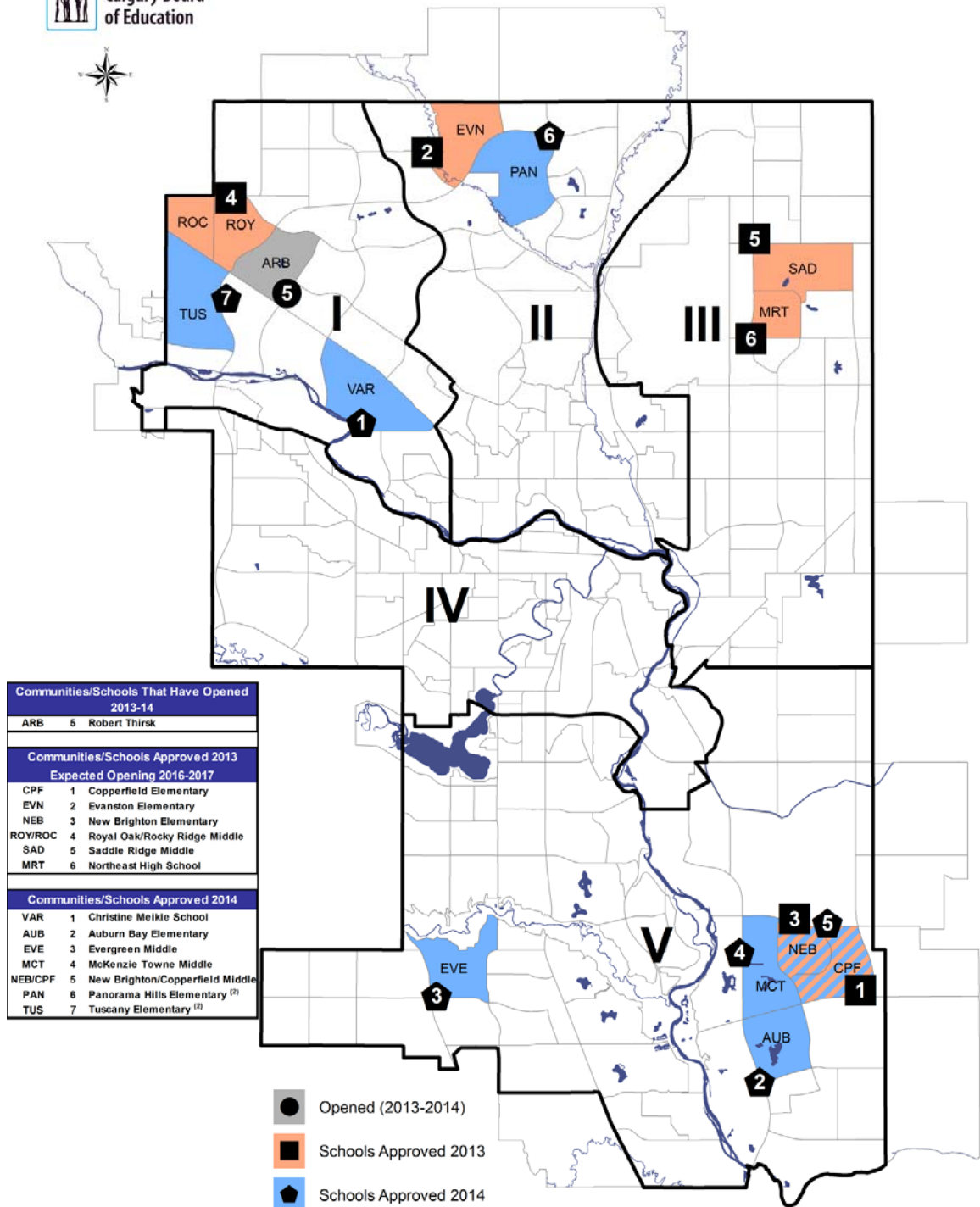
The Province is constructing six elementary schools, five middle schools, one senior high school, and Christine Meikle replacement school, as part of the Premier's 50/70 commitment. The schools are expected to open for the 2016-2017 school year.

Future School Openings				
School Year Opening	School/Community	Grade	Approved Capacity	Approval Date
2016-2017	Copperfield Elementary	Grades K-4	600	May 1, 2013
	Evanston Elementary	Grades K-4	600	May 1, 2013
	New Brighton Elementary	Grades K-4	600	May 1, 2013
	Royal Oak/Rocky Ridge Middle	Grades 5-9	900	May 1, 2013
	Saddle Ridge Middle	Grades 5-9	900	May 1, 2013
	Northeast Calgary High	Grades 10-12	1,500	May 1, 2013
2016-2017	Christine Meikle - Replacement School	Grades 7-12	n/a	Jan. 21, 2014
	Auburn Bay Elementary	Grades K-4	600	Feb. 10, 2014
	Evergreen Middle	Grades 5-9	900	Feb. 10, 2014
	McKenzie Towne Middle	Grades 5-9	900	Feb. 10, 2014
	New Brighton/Copperfield Middle	Grades 5-9	900	Feb. 10, 2014
	Panorama Hills Elementary ⁽²⁾	Grades K-4	600	Feb. 10, 2014
	Tuscany Elementary ⁽²⁾	Grades K-4	600	Feb. 10, 2014
Total School Space Capacity			9,600	

Map 3 identifies the location of schools that opened for the 2013-2014 school year, and the future school openings approved between May 1, 2013 and February 10, 2014 school year.

Map 3

School Construction Projects



Prepared by: Planning & Transportation
February 11, 2014
Map: School Construction Projects.mxd

School major modernization projects provide for the renovation of whole or part of a school building; for both present and future educational programs. These modernizations address physical obsolescence and/or improve functional adequacy and suitability. School major modernization projects should not exceed 75% of the replacement value of the school building as per provincial guidelines.

A modernization of three school facilities to accommodate Chinook Learning Services was approved in 2011 for \$10.5 million. This project continues in its planning stages as additional funds to complete the project are requested as part of this plan. It has been determined, as of summer 2013, that a new site location and facility are in the planning stages for a new Christine Meikle facility.

Modernizations of two high schools to enable the delivery of the new Career and Technology Curriculum have been approved to include the following improvements:

Bowness High School

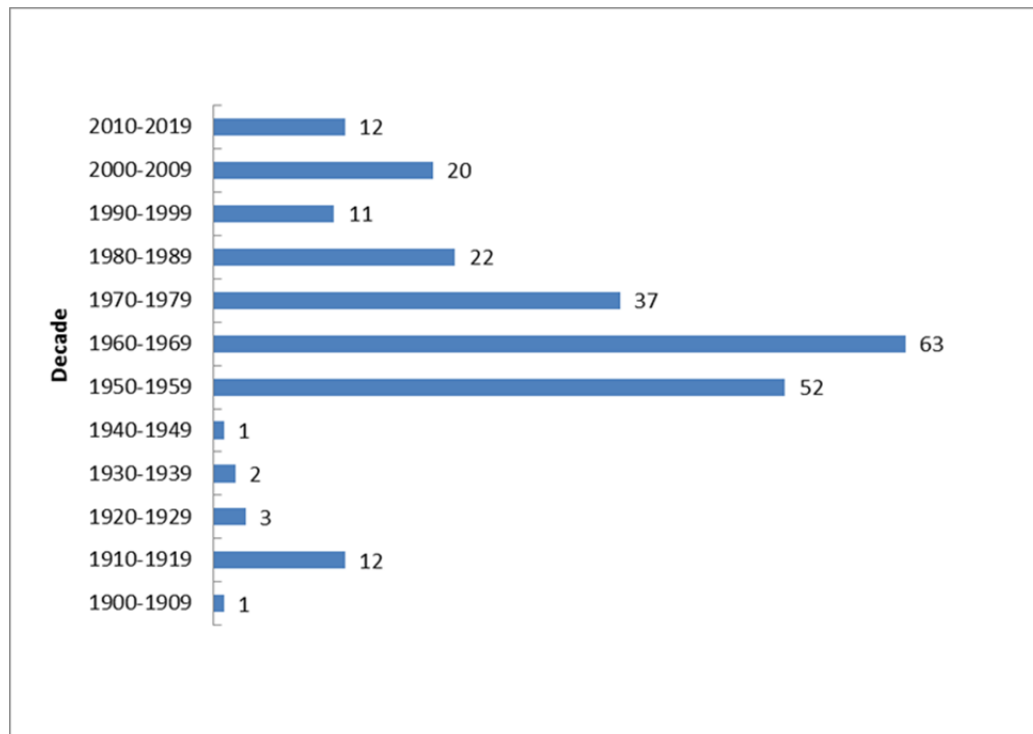
- Focus on upgrading CTS space
- Partial mechanical and major electrical systems upgrades
- Building envelope and interior upgrades and replacements
- Library to Learning Commons conversion
- Safety and barrier free access upgrades and installations

Jack James High School

- Security and safety (hazardous material abatement; building and fire code upgrades)
- Instructional space modernization
- Upgrade of building envelope, mechanical and electrical systems
- Library to Learning Commons conversion
- Barrier free accessibility

As of 2014, with the addition of Robert Thirsk High School, the CBE has a current count of 239 owned facilities. 171 of the school buildings were built before 1980. This represents 72% of the CBE's school building inventory. The current inventory by decade of CBE school buildings is shown in the following graph:

Current School Building Inventory by Decade



In 2004, the Province undertook a rolling condition assessment of schools in the Renewal Capital Asset Planning Process (RECAPP) and planned to audit CBE facilities every five years. In the spring of 2009, Alberta Infrastructure recommenced evaluations starting with the former 2004 assessments, thus continuing the five-year assessment cycle. Approximately 40 to 50 facilities are audited every year. Findings of the re-evaluation are incorporated into maintenance, modernization, and facility planning for the CBE projects. This Provincial audit greatly contributes to the selection and prioritizing of modernizations for the CBE. There are currently 25 modernization projects identified and included as part of this year's Capital Plan.

A planned CBE strategy to address the Career and Technology Studies (CTS) continues to require approvals for modernization projects in high schools in each of Areas of: I, II, III and V. These future CTS schools require priority placements for major modernization projects in order to deliver CTS courses to students in each of the remaining four Areas of the City. The Lord Shaughnessy High School modernization, in Area IV, is the first of these modernization projects to be completed (September 2012) for delivery of the CTS curriculum.

As of 2014, one Chinook Learning location has been determined; it will reside at Kingsland School. It was announced January 2014 that the future Aboriginal Family Community School will be located at Harold W. Riley School. The remaining modernization priorities for the School Capital Plan are ranked. Key factors for ranking and the schools are in Appendix II.

2.7 Collaborative Initiatives with The City of Calgary

For many years, the CBE and The City of Calgary have enjoyed a strong working relationship. This relationship involves both city-wide initiatives and specific initiatives focussed on property, leasing, and infrastructure. The following initiatives are examples of the CBE working together with the City:

- The CBE is on the Joint Use Coordinating Committee with the City and the Calgary Catholic School District that deal with joint-use school reserve sites.
- The CBE and the City participated on a Provincial Working Committee with the City of Edmonton's representatives to pursue the use of vacant surplus school envelopes to accommodate a range of community service-based uses. The CBE has returned vacant school sites to the City, and the City is evaluating sites for open space needs and/or community service uses.
- CBE representatives have been involved in many city-wide initiatives such as the new Land Use Bylaw, *Plan It Calgary*, "*Framework for Growth and Change*", etc. The CBE over the past year continued to work with other City on other projects such as: the City of Calgary's '*New Community Development Guidebook*', and the City of Calgary's '*Site Planning Design Standards*'.
- The CBE and Calgary Catholic School District continue to be a part of a greater study on traffic, parking, and safety around school sites. Two City projects were undertaken and continue. One key project is the City's '*School Site Review*'. This entails analysing a large distribution of school sites across the City, assessing current conditions of sites, roads, zoning, signage, etc. The initiative is to find ways to improve both existing and future school sites as they are developed. There are twelve CBE schools and eight Calgary Catholic School District schools participating in this project.
- The second City of Calgary study, similar to the first, is more focused on the school site itself and zones, addressing what tools might help make existing school sites pedestrian safe. The City continues to take the lead in role in these studies.

3.0 NEW SCHOOL CONSTRUCTION CAPITAL PLAN CRITERIA

The CBE defines a school community as the population required to sustain a school. In the new and developing municipal communities, elementary school communities generally reflect municipal community boundaries. The junior high and middle school communities can serve one large municipal community or two or more small-to-medium-sized municipal communities. In the inner-city and established areas, school communities tend to cover larger geographic areas for elementary, junior high, and middle schools, and do not always align with municipal community boundaries as there is a large range of municipal community sizes and demographics.

3.1 Construction Planning Criteria: Kindergarten to Grade 9 Schools

There are two types of criteria in the evaluation process used to rank school communities for capital building priorities in the Three-Year School Capital Plan. These are as follows:

1. **Eligibility Criteria** acts as a screening filter for new capital projects and must be met before a school community evaluation proceeds to the ranking phase.
2. **Ranking Criteria** that will be used to further evaluate and prioritize new capital projects.

Eligibility Criteria

Eligible School Communities

For the Three-Year School Capital Plan 2015-2018, all new and developing municipal communities will be ranked for new school construction. Inner-city and established areas are not ranked.

Most municipal communities have an elementary site and are ranked individually as a school community. In certain cases, two small municipal communities form one school community where they do not exceed the community population threshold of approximately 10,000 people. In the case of middle/junior high schools, adjacent municipal communities can form one school community where they do not exceed the community population threshold of approximately 24,000 people. Community build-out projections may vary from year to year due to ongoing adjustments to densities and other factors as determined by the City. Large municipal communities that can sustain a middle/junior high school are ranked individually as a school community.

Accommodation Options

This criteria is used to evaluate student accommodation options for eligible school communities. There should be a logical progression from an elementary (K-4) school to a middle school (Grades 5-9) in order to allow students to progress to higher grades. In some cases, an accommodation option may exist in a nearby community and a school community may not need to be ranked for new school construction.

Ranking Criteria

For school communities that meet the eligibility criteria, a ranking is applied based upon criteria identified in three categories: the Community Growth Profile; Busing and Travel Time; and Accommodation. Points for each of the profiles are totalled and used to rank priorities for new school construction.

- **Community Enrolment and Growth Profile**

Point assignments are given to school communities based on growth factors. Based on this information, three categories have been developed for ranking purposes:

- **K-4 Ranking**

- Declared public pre-school census
 - K-4 students
 - Three-year community population growth

- **Grade 5-9 Ranking**

- K-4 students
 - Grades 5-9 students
 - Three-year community population growth

- **Busing and Travel Time**

Point assignments are given to school communities based on Busing and Travel Time assessment. Based on this information, two categories have been developed for ranking purposes for elementary and middle school ranking:

- Median travel time
 - Number of bus receivers projected to occur within the next two year period

- **Accommodation Available for a Community**

Two additional categories exist for middle school ranking to reflect continuity of accommodation plans:

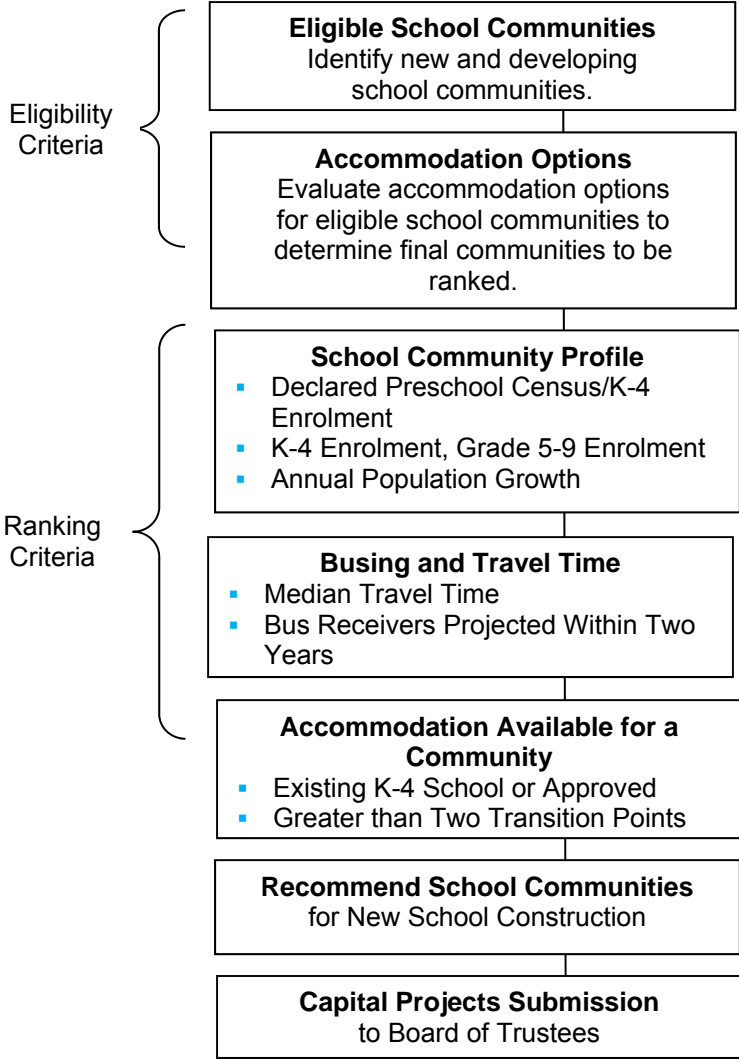
- Points will be awarded if an existing K-4 school has been approved or constructed in a community.
 - Points will be awarded if students have more than two transition points for schools (e.g., K 4, Grades 5-6, and Grades 7-9) rather than one transition point. (e.g. K-4, Grades 5-9)

The option exists for the placement of priorities for new school construction.

- Senior high schools are not ranked using point criteria, but are recommended on the priority list based on need.
 - Schools with unique settings or enrolments that cannot be easily ranked are also placed on a priority basis.
 - Extenuating circumstances may require a placement priority (i.e. site not ready, provincial approval not aligned with CBE priorities) for an elementary or middle school.

A flow chart summarizing the evaluation process for recommended new school construction follows:

Three-Year School Capital Plan 2015-2018 New School Construction Evaluation Process



3.2 Construction Ranking: Kindergarten to Grade 9

The list of top-ranked school communities for Kindergarten to Grade 9 to be included in this year's Plan are below:

School Communities					
Rank	Community	Points	Area	Sector	Grade
1	West Springs/Cougar Ridge Middle	95	IV	6	GR5-9
2	Saddle Ridge Elementary ⁽²⁾	95	III	5	K-4
3	Cranston Middle	95	V	9	GR5-9
4	Aspen Woods Elementary	85	IV	6	K-4
5	Martindale Elementary ⁽²⁾	85	III	5	K-4
6	Springbank Hill Elementary**	75	IV	6	K-4
7	Silverado Elementary	75	V	9	K-4
8	Evanston Middle	75	II	4	GR5-9
9	Springbank Hill/Discovery Ridge Middle**	70	IV	6	GR5-9
10	Country Hills/Harvest Hills Elementary**	60	II	4	K-4
11	Cougar Ridge Elementary	60	IV	6	K-4
12	Auburn Bay Middle	60	V	9	GR5-9
13	Kincora Elementary	55	II	4	K-4
14	Skyview Ranch Elementary	55	III	5	K-4
15	Evergreen Elementary ⁽²⁾	55	V	9	K-4
16	Cranston Elementary ⁽²⁾	55	V	9	K-4
17	Bridlewood Middle*	55	V	9	GR5-9
18	Signal Hill Middle	55	IV	6	GR5-9
19	Valley Ridge/Crestmont Elementary	50	I	1	K-4
20	Harvest Hills/Country Hills Middle**	45	II	4	GR5-9
21	Aspen Woods Middle	45	IV	6	GR5-9
22	Mahogany Elementary	40	V	9	K-4
23	Sage Hill Elementary	35	II	4	K-4

Notes: ⁽²⁾ Indicates second K-4 school.

* Accommodation strategy to another community

** Combined Country Hills/Harvest Hills into K-9 grade configuration

** Combined Springbank Hill/Discovery Ridge into K-9 grade configuration

A K-4 elementary school will typically have a 600 student capacity consisting of a 300 student capacity core and a 300 student capacity modular addition in 12 units. A Grade 5-9 middle school will typically have a 900 student capacity consisting of a 500 student capacity core and a 400 student capacity modular addition in 16 units. Adjustments to school capacities may occur, as required, for smaller sized communities.

CBE school communities ranked for elementary and middle/junior high schools must have a site available and have a student population large enough to sustain

an elementary or middle/junior high school per the ranking criteria. New school construction projects for the top-ranked school communities have been identified in Section 4.0. Details of ranking for all school communities with points are included in Appendix III.

In the case of a tie in ranking:

- An elementary school ranking for a community will have priority over a middle school ranking.
- A community without a school will be given priority over a community with an approved school or existing school.
- A community with a middle school ranking will be given priority over a community with an approved or existing elementary and middle school.
- Further ties will be broken on total points of the first two community ranking categories. In the case where it is still tied, the first community ranking category points only will be used.

3.3 Construction Planning Criteria: Senior High Schools

The Area-based approach is used to evaluate projects for new senior high school capital priorities. Utilization rates are listed below:

Senior High Area Utilization		
Area	2013-2014 Residence Utilization	2013-2014 Enrolment Utilization
Area I	106.80%	75.98%
Area II	65.88%	102.68%
Area III	146.68%	91.53%
Area IV	85.11%	99.98%
Area V	102.72%	93.82%

Notes:

- Student residence and enrolment as at September 30, 2013
- Capacity is based on Alberta Infrastructure's Area, Capacity and Utilization Report

The greatest demand for new senior high school construction is a 1,800-capacity senior high in the northeast in Area III. This demand will be met by the recent approval of the Northeast High School to be constructed for the September 2016-2017 school year. Utilization rates for the northeast are 147% utilization by residence and 92% utilization by enrolment. This approval will enable students from Castleridge, Coral Springs, Falconridge, Martindale, Taradale and Saddle Ridge to be able to be accommodated closer to home. Currently these students are bussed to Area II high schools.

There is also demand in Area V based upon 103% utilization by residence and 94% utilization by enrolment. Sector 9 has a utilization rate of 257% by residence, and is only served by Centennial High School in the south. There is no high school in the far southeast.

There is a demand in Area II, as well to locate students closer to home. Sector 4 has an utilization by residence of 261%, and is only served by John G.

Diefenbaker. Area II has a utilization by residence of 66% and utilization by enrolment of 103%.

3.4 Construction Priorities: Senior High Schools

Senior high schools (see **Map 4**) are not ranked using point criteria but are recommended on the new school construction priority list based on need.

Southeast High School

A new high school is required in the far southeast. The southeast sector is the fastest growing area in the city, which is expected to increase approximately 38,800 - 42,000 persons over the next five year time frame. This represents 35% of the forecast city growth in terms of total housing units. Development in the five to ten year time frame is expected to continue in the 35% range. Sector 9 of Area V has a large student population by residence with 4,642 senior high students and is only served by Centennial High School in the far south with a capacity of 1,807 students.

Southeast communities, north of Highway 22X, consist of McKenzie Lake, Douglasdale/Glen, McKenzie Towne, New Brighton, Copperfield, and all students are designated to Lord Beaverbrook High, located in the Acadia community. These communities have a build-out population of 72,500 persons and currently have 1,344 students attending CBE high schools for Grades 10 -12. Three of these communities are early in their growth cycle and student numbers will continue to be in this range and/or greater over time.

Students residing in the communities south of highway 22X consist of Cranston (designated to Lord Beaverbrook High), Auburn Bay, Walden (designated to Dr. E.P. Scarlett High) and Mahogany (designated to Henry Wise Wood High). These four communities have a build-out population of 83,200 persons and currently have 398 students attending CBE high schools for Grades 10 -12. Auburn Bay, Mahogany and Walden are in the early stages of development while Cranston is approximately 56% built-out. Student high school numbers will increase significantly over time.

A 25 acre senior high school site is located in the Seton community near the new Southeast Hospital. A future City recreation centre is on the same site as the high school. A build-out population of 60,000 - 70,000 people can generate 1,800 students in Grades 10-12 to be accommodated in the high school. Based on a mixture of established, new and developing communities, a new high school will operate at 100% capacity for many years to come. Future accommodation plans and designated communities will be developed over time based on the timing of the new school opening and number of students in nearby communities.

Prior to the Three Year School Capital Plan 2014-2017, an additional wing was requested at Centennial High School for the previous 3 years. Due to the anticipated future growth in SE Calgary, the request for an additional wing was replaced with a request for a new high school in SE Calgary starting with last year's capital plan submission.

North High School

A new high school is also required in the far north to provide accommodation closer to home for students in outlying areas. The north sector is the second fastest growing area in the city, which is expected to increase approximately 24,700 - 27,300 persons over the next five year time frame. This represents approximately 25% of the forecast city growth in terms of total housing units.

Area II is the least utilized area in the City at the high school level with a 66% utilization rate (Appendix 1, Table 2); however, the schools are not in close proximity to where the students reside. Sector 4 of Area II, consists of the northernmost communities and has a large student population by residence with 3,398 senior high students and utilization by residence of 261%. John G. Diefenbaker, located at 64 Avenue and Centre Street N is the only high school in Sector 4 with a capacity of 1,300 students.

Sector 3 is also in Area II and has four senior high schools and a very low utilization by residence of 24%. This is due to four high schools in Sector 3 with a capacity of 6,080 student spaces and only 1,464 students in the sector. This large amount of capacity makes the North High School less of a pressure point than the Southeast High School. This capacity is somewhat misleading as William Aberhart High, with a capacity of 1,600 student spaces, is in Sector 3 and essentially serves northwest students in Area I; however, utilization by residence would be still in the 32% range with William Aberhart removed from capacity.

The primary catchment population for a north high school would be the Northern Hills communities, consisting of Harvest Hills, Coventry Hills (including Country Hills Village), Country Hills (north/south) and Panorama Hills, as well, the Hidden Valley community to the west. These five communities have a build-out population in the range of 67,000 persons and currently have 1,603 students attending CBE high schools for Grades 10 - 12. Four of the above communities are essentially built-out and Panorama Hills is nearing completion at 90% built-out.

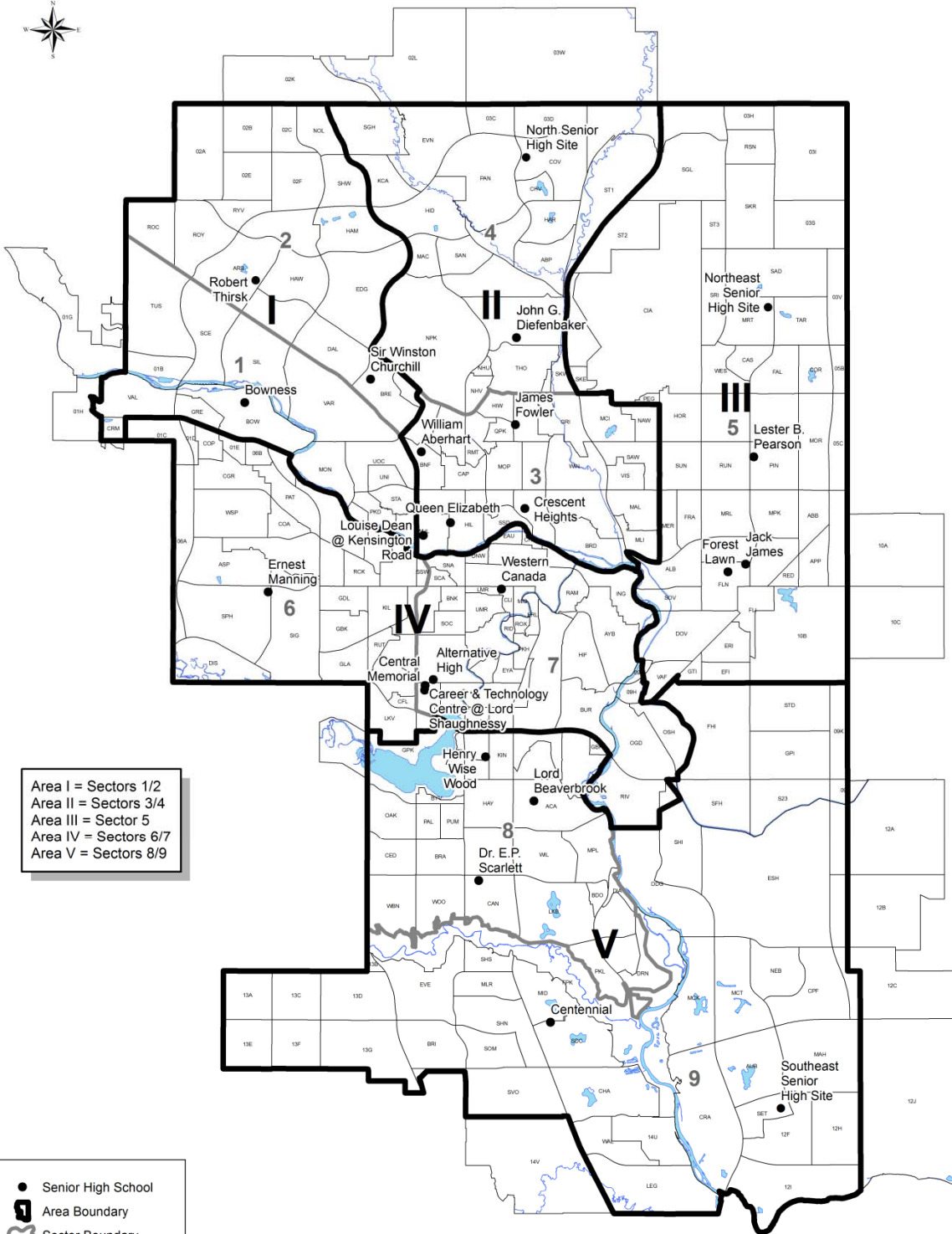
The communities above attend four different CBE schools in Area II consisting of Crescent Heights (Coventry Hills, including Country Hills Village, Hidden Valley), Queen Elizabeth (Country Hills - south) James Fowler (Country Hills – north) and John G. Diefenbaker (Panorama Hills, Harvest Hills). John G. Diefenbaker is the closest school in the Huntington Hills community. Students attending Crescent Heights and Queen Elizabeth having long travel times to the inner city communities north of the Bow River in Crescent Heights and West Hillhurst.

It is expected James Fowler will lose up to 1,000 students when the Northeast High School opens. This will enable space in James Fowler to be available for students from communities of Coventry Hills, Country Hills Village, Hidden Valley and/or Country Hills south as space permits.

A 23.6 acre senior high school site is located in the Coventry Hills community on Coventry Hills Way NE. Based on a mixture of established, new and developing communities, a new North High School will operate at 100% capacity for many years to come.



Senior High Schools and Future Senior High Sites Located within Administrative Area and Sector Boundaries



Area I = Sectors 1/2
 Area II = Sectors 3/4
 Area III = Sector 5
 Area IV = Sectors 6/7
 Area V = Sectors 8/9

Prepared by: Planning, Transportation and Environmental Services
 January 2013
 Map: Current and Future Sr High.mxd

4.0 THREE-YEAR SCHOOL CAPITAL PLAN 2015-2018 – SUMMARY

Capital projects are reviewed and prioritized by the Ministry of Education prior to being submitted to the government's Capital Planning Initiative process led by the Treasury Board. Projects are first reviewed for accuracy and clarity and Provincial staff may meet with school jurisdictions to obtain further information as required.

Alberta Education will evaluate project requests by first considering school jurisdiction priorities and then the following criteria:

- Health and Safety
- Building Condition
- Utilization Rates
- Enrolment Projections
- Education Program Delivery
- Additional Information

Alberta Education then prepares the annual submission for the Provincial Capital Planning Initiative. All government projects are evaluated using a Project Rating System consisting of program delivery, infrastructure, performance, economical, and financial impacts.

An in-depth review of the ranking rationale assigned to each capital project is undertaken by a cross-ministry committee, resulting in a recommendation being submitted to the Deputy Minister Capital Planning Committee, and then to the Treasury Board Capital Planning Committee. Provincial Caucus reviews the Treasury Board recommendations and, ultimately, approves the Provincial Capital Plan.

This section provides a summary of recommended new school construction and major modernization projects. Table 1 (New School Construction) and Table 2 (School Modernizations) provides a summary of the recommended projects and project costs are based upon 2014 Alberta Infrastructure support prices. Sections 5.0 and 6.0 provide details of the recommended projects.

Projects are listed in order of priority. Despite the recent CBE capital project approvals, there is still a need for schools located where students live and are projected to live in the future. Details of modernization rankings are in Appendix II and details of new school construction priority rankings are identified in Appendix III.

The sections that follow this summary (Sections 5.0 and 6.0) describe the community and school profiles in order of priority. The key maps in the top right corner of the page depict the location of the community described for new construction projects. The light-shaded areas represent all the new and developing communities in Calgary.

The following tables provide a summary of the new school construction and major modernization projects recommended for funding and these are identified on **Map 5 and Map 6**.

Table 1: New School Construction				Number of Years Listed in Capital Plan
Three-Year School Capital Plan 2015-2018 Priorities				
Priority Ranking – Project Description				
YEAR 1				
Community/School	Grade	Project Type	2014 Cost (\$)	
C-1 West Springs/Cougar Ridge Middle	Gr. 5-9	New School	25,000,000	8
C-2 Southeast Calgary High **	Gr. 10-12	New School	52,000,000	1
C-3 Saddle Ridge Elementary ⁽²⁾	K-4	New School	15,000,000	1
C-4 Cranston Middle	Gr. 5-9	New School	25,000,000	1
C-5 Aspen Woods Elementary	K-4	New School	15,000,000	2
C-6 Martindale Elementary ⁽²⁾	K-4	New School	15,000,000	1
C-7 Springbank Hill/Discovery Ridge Elementary/Middle	K-9	New School	25,000,000	6
C-8 Silverado Elementary	K-4	New School	15,000,000	1
C-9 Evanston Middle	Gr.5-9	New School	25,000,000	1
C-10 Harvest Hills/Country Hills Elementary/Middle	K-9	New School	25,000,000	1
YEAR 1 TOTAL			237,000,000	
YEAR 2				
Community/School	Grade	Project Type	2014 Cost (\$)	
C-11 Stampede Youth Campus	Gr. 10-12	New School	27,000,000	1
C-12 Cougar Ridge Elementary	K-4	New School	15,000,000	1
C-13 Auburn Bay Middle	GR5-9	New School	25,000,000	0
C-14 Kincora Elementary	K-4	New School	15,000,000	2
C-15 Skyview Ranch Elementary	K-4	New School	15,000,000	1
C-16 North Calgary High	Gr. 10-12	New School	52,000,000	1
YEAR 2 TOTAL			149,000,000	
YEAR 3				
Community/School	Grade	Project Type	2014 Cost (\$)	
C-17 Evergreen Elementary ⁽²⁾	K-4	New School	15,000,000	1
C-18 Cranston Elementary ⁽²⁾	K-4	New School	15,000,000	0
C-19 Signal Hill Middle	Gr.5-9	New School	25,000,000	1
C-20 Valley Ridge/Crestmont Elementary	K-4	New School	15,000,000	0
C-21 Aspen Woods Middle	Gr.5-9	New School	25,000,000	0
C-22 Mahogany Elementary	K-4	New School	15,000,000	0
C-23 Sage Hill Elementary	K-4	New School	15,000,000	0
YEAR 3 TOTAL			125,000,000	
GRAND TOTAL			511,000,000	

Note: ⁽²⁾ = second elementary school for the community

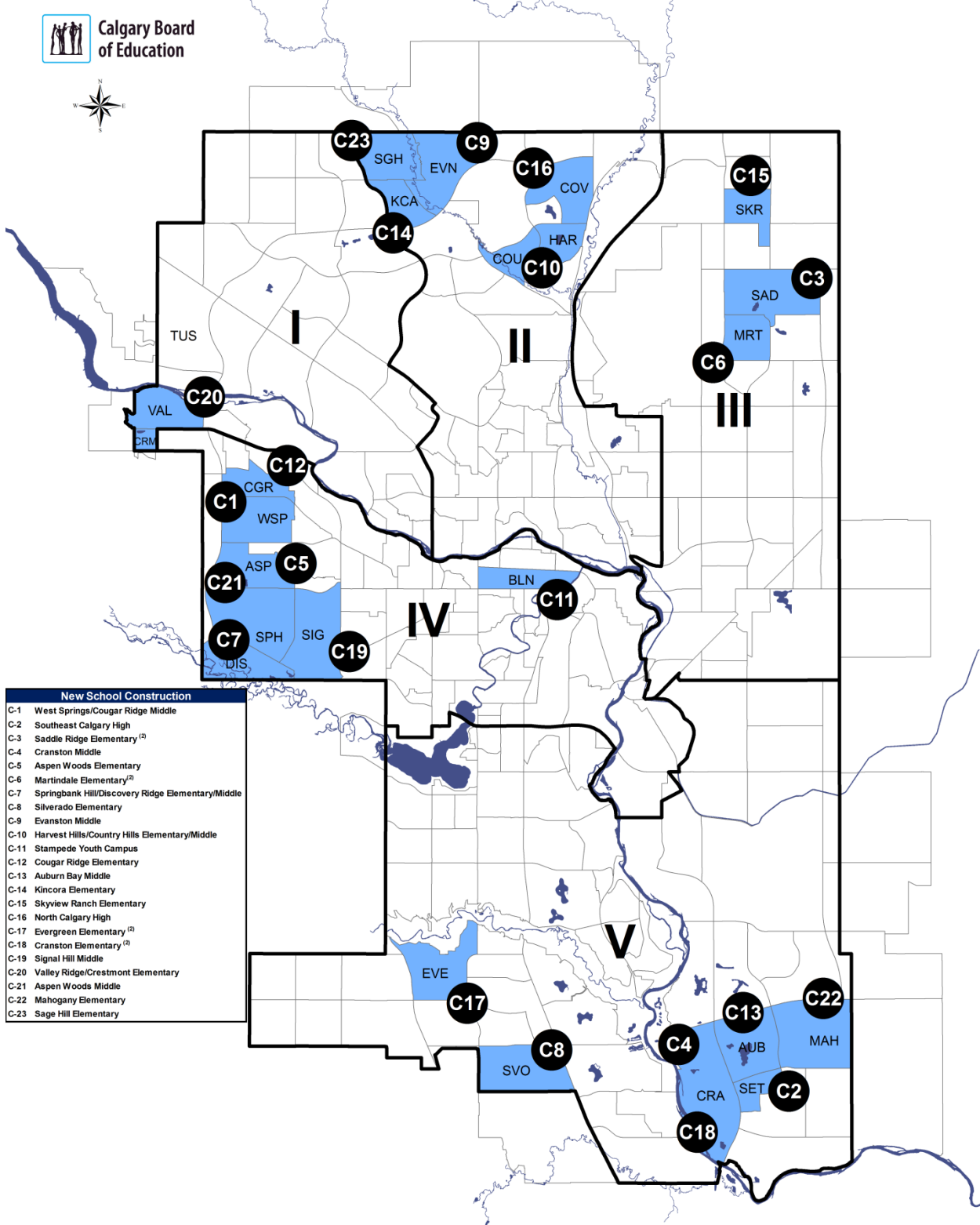
** Southeast Calgary High - Prior to the Three Year School Capital Plan 2014-2017, an additional wing was requested at Centennial High School for the previous 3 years. Due to the anticipated future growth in SE Calgary, the request for an additional wing was replaced with a request for a new high school in SE Calgary starting with last year's capital plan submission.

Table 2: School Major Modernizations				
Three-Year School Capital Plan 2015-2018 Priorities				
Priority Ranking – Project Description				
YEAR 1				
Community/School	Grade	Project Type	2014 Cost (\$)	Number of Years Listed in Capital Plan
M-1 Lord Beaverbrook High School	Gr. 10-12	Major Modernization	25,000,000	5
M-2 James Fowler High School	Gr. 10-12	Major Modernization	15,000,000	5
M-3 Forest Lawn High School	Gr. 10-12	Major Modernization	15,000,000	5
M-4 John Diefenbaker High School	Gr. 10-12	Major Modernization	15,000,000	5
M-5 Kingsland Centre	Gr. 10-12	Major Modernization	4,500,000	6
M-6 Sir Wilfrid Laurier School	Gr. 5-9	Major Modernization	11,000,000	6
M-7 Nickle School	Gr. 5-9	Major Modernization	12,000,000	6
M-8 Altadore School	K-6	Major Modernization	9,000,000	6
M-9 A.E. Cross School	Gr. 7-9	Major Modernization	12,000,000	5
M-10 Louis Riel School	K-9	Major Modernization	15,000,000	6
M-11 Senator Patrick Burns School	Gr. 5-9	Major Modernization	13,000,000	6
YEAR 1 TOTAL			146,500,000	
YEAR 2				
Community/School	Grade	Project Type	2014 Cost (\$)	Number of Years Listed in Capital Plan
M-12 Dr. J.K. Mulloy School	K-6	Major Modernization	10,000,000	6
M-13 Fairview School	Gr. 5-9	Major Modernization	14,000,000	6
M-14 Henry Wise Wood High School	Gr. 9-12	Major Modernization	20,000,000	5
M-15 Colonel Irvine School	Gr. 7-9	Major Modernization	12,000,000	1
M-16 Robert Warren School	Gr. 5-9	Major Modernization	5,000,000	6
YEAR 2 TOTAL			61,000,000	
YEAR 3				
Community/School	Grade	Project Type	2014 Cost (\$)	Number of Years Listed in Capital Plan
M-17 Sir John Franklin School	Gr. 5-9	Major Modernization	12,000,000	0
M-18 Woodman School	Gr. 5-9	Major Modernization	14,000,000	5
M-19 Sir John A. MacDonald School	Gr. 7-9	Major Modernization	12,000,000	5
M-20 Thomas B. Riley School	Gr. 5-9	Major Modernization	11,000,000	7
M-21 Sherwood School	Gr. 5-9	Major Modernization	15,000,000	10
M-22 Ernest Morrow School	Gr. 7-9	Major Modernization	12,000,000	0
M-23 Rosedale School	K-9	Major Modernization	8,000,000	0
M-24 Simon Fraser School	Gr. 5-9	Major Modernization	13,000,000	2
YEAR 3 TOTAL			97,000,000	
GRAND TOTAL			304,500,000	

Table 3: New School Construction and Major Modernizations				
Year 1: 2015-2016 School Capital Plan Priorities				
Priority Ranking – Project Description				
Community/School	Grade	Project Type	2014 Cost (\$)	Number of Years Listed in Capital Plan
1 West Springs/Cougar Ridge Middle	Gr. 5-9	New School	25,000,000	8
2 Southeast Calgary High	Gr. 10-12	New School	52,000,000	1
3 Lord Beaverbrook High School	Gr. 10-12	Major Modernization	25,000,000	5
4 James Fowler High School	Gr. 10-12	Major Modernization	15,000,000	5
5 Saddle Ridge Elementary ⁽²⁾	K-4	New School	15,000,000	1
6 Cranston Middle	Gr. 5-9	New School	25,000,000	1
7 Aspen Woods Elementary	K-4	New School	15,000,000	2
8 Martindale Elementary ⁽²⁾	K-4	New School	15,000,000	1
9 Forest Lawn High School	Gr. 10-12	Major Modernization	15,000,000	5
10 John Diefenbaker High School	Gr. 10-12	Major Modernization	15,000,000	5
11 Kingsland Centre	Gr. 10-12	Major Modernization	4,500,000	6
12 Springbank Hill/Discovery Ridge Elementary/Middle	K-9	New School	25,000,000	6
13 Silverado Elementary	K-4	New School	15,000,000	1
14 Evanston Middle	Gr.5-9	New School	25,000,000	1
15 Harvest Hills/Country Hills Elementary/Middle	K-9	New School	25,000,000	1
16 Sir Wilfrid Laurier School	Gr. 5-9	Major Modernization	11,000,000	6
17 Nickle School	Gr. 5-9	Major Modernization	12,000,000	6
18 Altadore School	K-6	Major Modernization	9,000,000	6
19 A.E. Cross School	Gr. 7-9	Major Modernization	12,000,000	5
20 Louis Riel School	K-9	Major Modernization	15,000,000	6
21 Senator Patrick Burns School	Gr. 5-9	Major Modernization	13,000,000	6
			Year 1 Total	383,500,000
Table 3: New School Construction and Major Modernizations				
Year 2 : 2016-2017 School Capital Plan Priorities				
Priority Ranking – Project Description				
Community/School	Grade	Project Type	2014 Cost (\$)	Number of Years Listed in Capital Plan
22 Stampede Youth Campus	Gr. 10-12	New School	27,000,000	1
23 Cougar Ridge Elementary	K-4	New School	15,000,000	1
24 Auburn Bay Middle	GR5-9	New School	25,000,000	0
25 Kincora Elementary	K-4	New School	15,000,000	2
26 Skyview Ranch Elementary	K-4	New School	15,000,000	1
27 North Calgary High	Gr. 10-12	New School	52,000,000	1
28 Evergreen Elementary ⁽²⁾	K-4	New School	15,000,000	1
29 Dr. J.K. Mulloy School	K-6	Major Modernization	10,000,000	6
30 Fairview School	Gr. 5-9	Major Modernization	14,000,000	6
31 Henry Wise Wood High School	Gr. 9-12	Major Modernization	20,000,000	5
32 Colonel Irvine School	Gr. 7-9	Major Modernization	12,000,000	1
			Year 2 Total	220,000,000

Table 3: New School Construction and Major Modernizations				
Year 3: 2017-2018 School Capital Plan Priorities				
Priority Ranking – Project Description				
Community/School	Grade	Project Type	2014 Cost (\$)	
33 Robert Warren School	Gr. 5-9	Major Modernization	5,000,000	6
34 Cranston Elementary ⁽²⁾	K-4	New School	15,000,000	0
35 Signal Hill Middle	Gr.5-9	New School	25,000,000	1
36 Valley Ridge/Crestmont Elementary	K-4	New School	15,000,000	0
37 Aspen Woods Middle	Gr.5-9	New School	25,000,000	0
38 Mahogany Elementary	K-4	New School	15,000,000	0
39 Sage Hill Elementary	K-4	New School	15,000,000	0
40 Sir John Franklin School	Gr. 5-9	Major Modernization	12,000,000	0
41 Woodman School	Gr. 5-9	Major Modernization	14,000,000	5
42 Sir John A. MacDonald School	Gr. 7-9	Major Modernization	12,000,000	5
43 Thomas B. Riley School	Gr. 5-9	Major Modernization	11,000,000	7
44 Sherwood School	Gr. 5-9	Major Modernization	15,000,000	10
45 Ernest Morrow School	Gr. 7-9	Major Modernization	12,000,000	0
46 Rosedale School	K-9	Major Modernization	8,000,000	0
47 Simon Fraser School	Gr. 5-9	Major Modernization	13,000,000	2
			Year 3 Total	212,000,000
			GRAND TOTAL	815,500,000

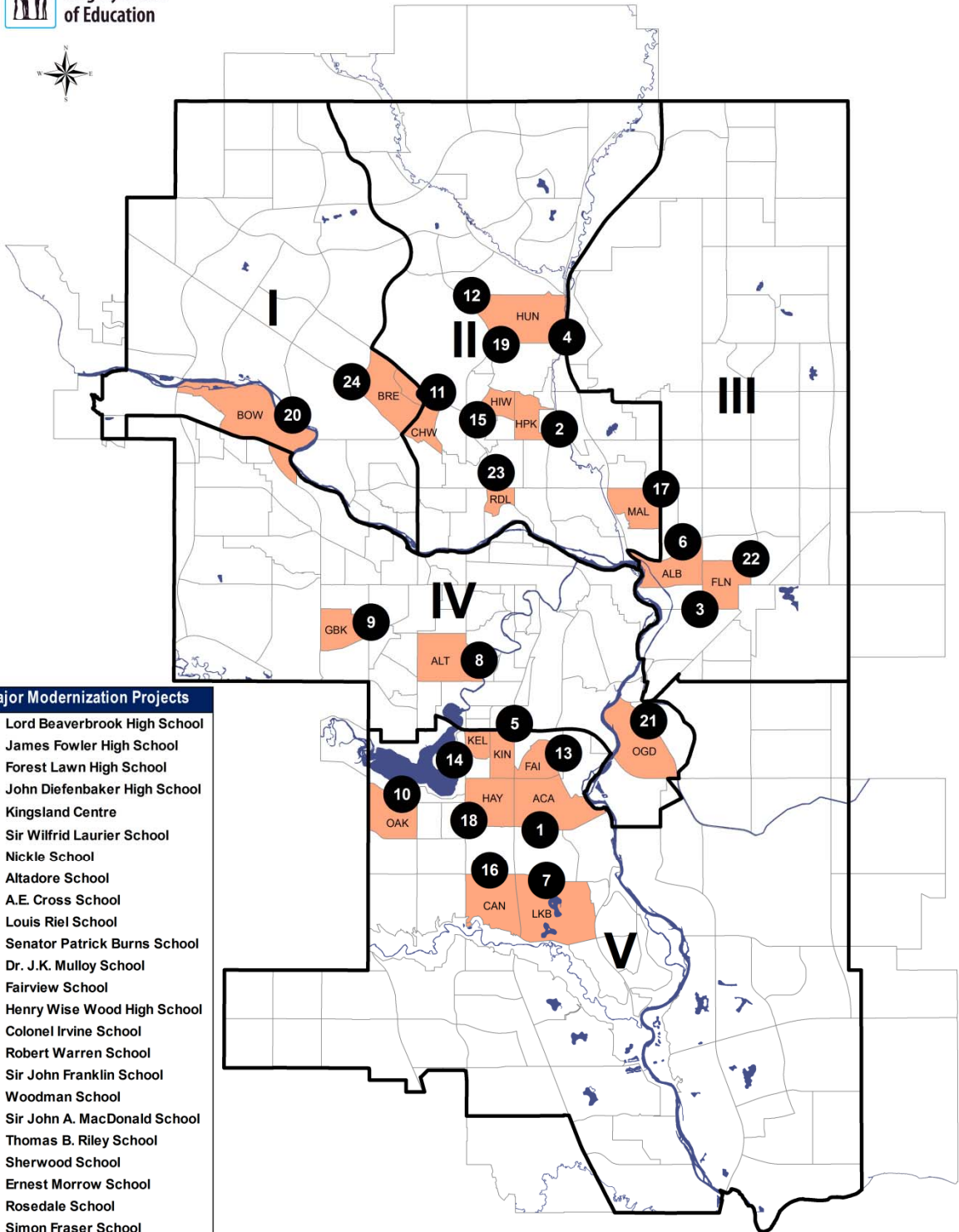
2015-2018 - New School Construction Projects



New School Construction	
C-1	West Springs/Cougar Ridge Middle
C-2	Southeast Calgary High
C-3	Saddle Ridge Elementary ⁽²⁾
C-4	Cranston Middle
C-5	Aspen Woods Elementary
C-6	Martindale Elementary ⁽²⁾
C-7	Springbank Hill/Discovery Ridge Elementary/Middle
C-8	Silverado Elementary
C-9	Evanston Middle
C-10	Harvest Hills/Country Hills Elementary/Middle
C-11	Stampede Youth Campus
C-12	Cougar Ridge Elementary
C-13	Auburn Bay Middle
C-14	Kincora Elementary
C-15	Skyview Ranch Elementary
C-16	North Calgary High
C-17	Evergreen Elementary ⁽²⁾
C-18	Cranston Elementary ⁽²⁾
C-19	Signal Hill Middle
C-20	Valley Ridge/Crestmont Elementary
C-21	Aspen Woods Middle
C-22	Mahogany Elementary
C-23	Sage Hill Elementary

Prepared by: Planning & Transportation
 March 4, 2014
 Map: New School Construction Projects.mxd

2015-2018 – Major Modernization Projects



Major Modernization Projects	
M-1	Lord Beaverbrook High School
M-2	James Fowler High School
M-3	Forest Lawn High School
M-4	John Diefenbaker High School
M-5	Kingsland Centre
M-6	Sir Wilfrid Laurier School
M-7	Nickle School
M-8	Altadore School
M-9	A.E. Cross School
M-10	Louis Riel School
M-11	Senator Patrick Burns School
M-12	Dr. J.K. Mulloy School
M-13	Fairview School
M-14	Henry Wise Wood High School
M-15	Colonel Irvine School
M-16	Robert Warren School
M-17	Sir John Franklin School
M-18	Woodman School
M-19	Sir John A. MacDonal School
M-20	Thomas B. Riley School
M-21	Sherwood School
M-22	Ernest Morrow School
M-23	Rosedale School
M-24	Simon Fraser School

5.0 2015-2018 SCHOOL CAPITAL PLAN

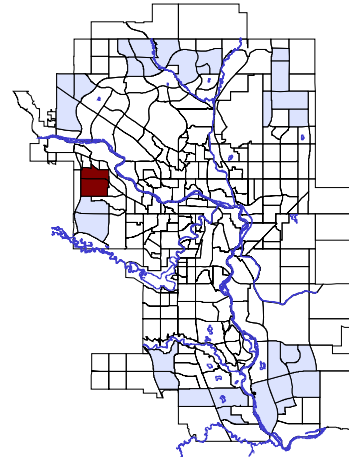
New Construction

Priority C-1 West Springs/Cougar Ridge Middle

School Community Profile

West Springs Community began development in 1999 and is situated north of Aspen Woods at 12 Avenue SW, east of the city limits, south of the Cougar Ridge community and west of the Coach Hill community.

- As of the April 2013 Census, the total number of occupied dwelling units was 2,755 with a population of 8,575. The community is planned for an estimated 5,231 housing units with a population capacity of 14,200 to 15,000.
- The community had an average annual population growth of 457 persons during the past three-year period.



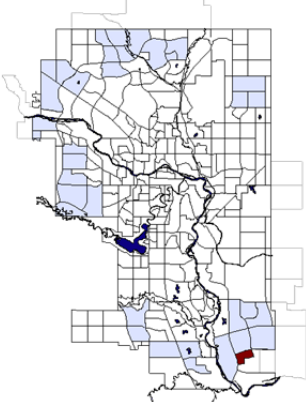
Cougar Ridge Community began development in 2000 and is located in the West sector of the city, north of the Old Banff Coach Road, west of 69 Street SW, south of Canada Olympic Park and east of the City Limits.

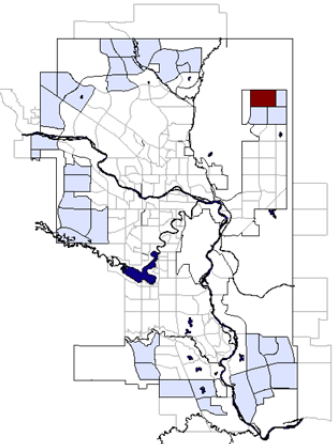
- As of the April 2013 Census, the total number of occupied dwelling units was 1,897 with a population of 5,985. The community is planned for an estimated 2,640 housing units with a population capacity of 7,900.
- The community had an average annual population growth of 110 persons during the past three-year period.

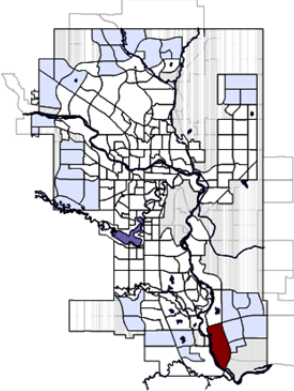
Enrolment Profile

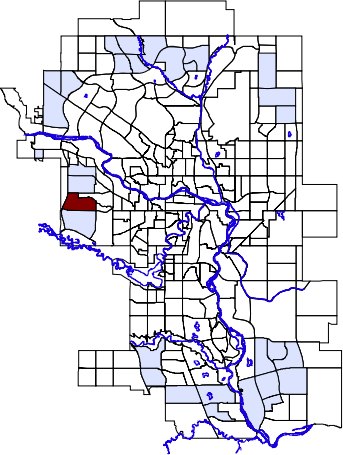
- As of September 30, 2013, there were 491 Kindergarten to Grade 4 students and 285 Grades 5-9 students residing in the West Springs community who attended CBE schools.
- As of September 30, 2013, there were 258 Kindergarten to Grade 4 students and 192 Grades 5-9 students residing in the Cougar Ridge community who attended CBE schools.

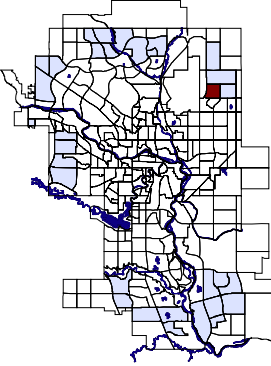
5.0	2015-2018 SCHOOL CAPITAL PLAN
New Construction	
Priority C-1 West Springs/Cougar Ridge Middle	
Site Planning and Transportation	
<ul style="list-style-type: none"> ▪ West Springs School (K-6) opened for the 2010-2011 school year. There is one elementary site and one middle school site in West Springs; both on the same site. The two communities can support one middle school. There is one elementary site in Cougar Ridge. ▪ West Springs and Cougar Ridge Grades 7-9 students are bussed to Vincent Massey School, which is located in the Westgate community in Area IV. Median travel time to Vincent Massey School is 20 minutes. ▪ Based upon projected student growth, a second bus receiver school will be needed within two years. 	
Recommendation	
<ul style="list-style-type: none"> ▪ Construct a middle school for 500 Grades 5-9 students complete with space to support a relocatable addition for 400 students in 16 units. The capacity of the school will be 900 student spaces. ▪ The total project cost is budgeted at \$25 million, including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance. 	

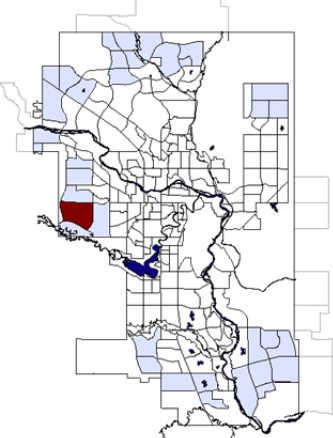
5.0	2015-2018 SCHOOL CAPITAL PLAN
New Construction	
Priority C-2 Southeast Calgary High	
School Community Profile	
<p>The Southeast High School will serve the residents of the developing and established southeast communities south and north of Highway 22X and east of the Bow River.</p>	
<ul style="list-style-type: none"> ▪ Southeast students attend Lord Beaverbrook High, Dr. E.P. Scarlett and Henry Wise Wood High. The closest high school, Centennial High, is full and accommodates communities in the south. ▪ A 25 acre senior high school site is located in the Seton community near the new southeast hospital. A future city recreation centre is on the same site. 	
	
Enrolment Profile	
<ul style="list-style-type: none"> ▪ Area V is comprised of Sector 8 and 9 and has a utilization rate by residence of 103%. Sector 9, consisting of new communities has a utilization rate of 257% by residence. ▪ Centennial High School has a utilization rate by enrolment of 107% and cannot accommodate southeast communities. Prior to the Three Year School Capital Plan 2014-2017, an additional wing was requested at Centennial High School for the previous 3 years. Due to the anticipated future growth in SE Calgary, the request for an additional wing was replaced with a request for a new high school in SE Calgary starting with last year's capital plan submission. ▪ Lord Beaverbrook High School has a provincial capacity of 2,415 student spaces and a utilization rate by enrolment of 85%. Currently, five new and developing southeast communities are designated to this school. Auburn Bay and Mahogany cannot be accommodated in the long term and are directed to other high schools. ▪ Dr. E.P. Scarlett High School has a net capacity of 1760 student spaces for a utilization rate by enrolment of 99%. ▪ The five communities north of Highway 22X currently have 1,344 students attending CBE high schools for Grades 10 -12. These three communities south of Highway 22X currently have 398 students attending CBE high schools for Grades 10 -12. Henry Wise Wood High School is a long bus ride for Mahogany students. 	
Site Planning and Transportation	
Communities in the southeast are bussed to three different Area V schools.	
Recommendation	
<ul style="list-style-type: none"> ▪ Construct a senior high school for 1,800 Grades 10-12 students. ▪ The total project cost is budgeted at \$52 million, including the CTS space allowance and an allowance for CTS equipment in the amount of \$400,000. 	

5.0	2015-2018 SCHOOL CAPITAL PLAN
New Construction	
Priority C-3 Saddle Ridge Elementary ⁽²⁾	
School Community Profile	
<p>Saddle Ridge Community began development in 2000 and is situated in the northeast sector of the city immediately west of 68 Street NE and north of the Martindale community.</p> <ul style="list-style-type: none"> ▪ As of the April 2013 Census, the total number of occupied dwelling units was 3,585 with a population of 15,221. ▪ The community is planned for an estimated 6,978 housing units with a population capacity of 21,500 to 22,600. ▪ The community has had an average annual population growth of 753 persons during the past three-year period. 	
Enrolment Profile	
<ul style="list-style-type: none"> ▪ As of the April 2013 Census, there were 894 public declared preschool-aged children in Saddle Ridge. ▪ As of September 30, 2013, there were 894 Kindergarten to Grade 4 students residing in the Saddle Ridge community that attended CBE schools. There will be a strong demand over time for a second elementary school in Saddle Ridge as the community builds out. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> ▪ There is an elementary K-3 school located within the central portion of Saddle Ridge community, with a capacity of 550 student spaces. Grade 4's cannot be accommodated and are bused to Colonel Macleod School with the Grade 5 - 9's. ▪ There is a middle school site in Saddle Ridge in the west part of the community. The east elementary site would be used for the second elementary school. ▪ Based upon projected student growth a second bus receiver school will be needed within two years. 	
Recommendation	
<ul style="list-style-type: none"> ▪ Construct a core elementary K-4 school for 300 students complete with space to support a modular addition for 300 students in 12 units. The capacity of the school will be 600 student spaces. ▪ The east elementary site will accommodate long-term enrolment growth for elementary students. ▪ The total project cost is budgeted at \$15 million. 	

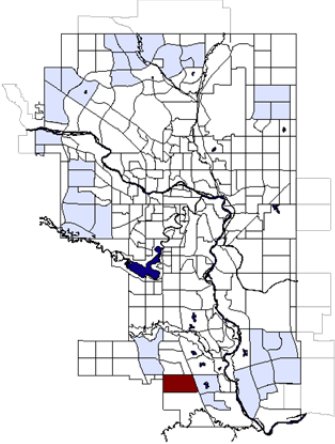
5.0	2015-2018 SCHOOL CAPITAL PLAN
New Construction	
Priority C-4 Cranston Middle	
School Community Profile	
<p>Cranston Community began development in 1999 and is located south of Marquis of Lorne Trail SE and west of Deerfoot Trail SE.</p> <ul style="list-style-type: none"> ▪ As of the April 2013 Census, the total number of occupied dwelling units was 4,665 with a population of 13,435. ▪ The community is planned for an estimated 8,284 housing units with a population capacity of 22,600 to 23,700. ▪ The community had an average annual population growth of 1,263 persons during the past three-year period. 	
	
Enrolment Profile	
<ul style="list-style-type: none"> ▪ As of September 30, 2013, there were 721 Kindergarten to Grade 4 and 426 Grades 5-9 students residing in the Cranston community who attended CBE schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> ▪ Cranston School (K-4) opened January 2010. There is one middle school site in Cranston and one more elementary site. ▪ Cranston students are currently bussed to R.T. Alderman School (Grades 5-9), which is located in the Maple Ridge community in Area V. Median travel time to R.T. Alderman School is 34 minutes. 	
Recommendation	
<ul style="list-style-type: none"> ▪ Construct a middle school for 500 Grades 5-9 students complete with space to support a relocatable addition for 400 students in 16 units. The capacity of the school will be 900 student spaces. ▪ The total project cost is budgeted at \$25 million including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance. 	


5.0	2015-2018 SCHOOL CAPITAL PLAN
New Construction	
Priority C-5 Aspen Woods Elementary	
School Community Profile	
<p>Aspen Woods Community began development in 2001 and is located north of 17 Avenue SE, south of 12 Avenue SE, west of 69 Street SE, and east of the City Limits.</p> <ul style="list-style-type: none"> ▪ As of the April 2013 Census, the total number of occupied dwelling units was 2,058 with a population of 6,371. ▪ The community is planned for an estimated 3,983 housing units with a population capacity of 10,700 to 11,200. ▪ The community had an average annual population growth of 935 persons during the past three-year period. 	
	
Enrolment Profile	
<ul style="list-style-type: none"> ▪ As of the April 2013 Census, there were 342 public declared preschool-aged children. ▪ As of September 30, 2013, there were 221 Kindergarten to Grade 4 students residing in the Aspen Woods community who attended CBE schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> ▪ Aspen Woods students are currently bussed to Olympic Heights School, which is located in the Strathcona Park community and Wildwood School, located in the Wildwood community in Area IV. Median travel time to Olympic Heights School and Wildwood School is 25 minutes. ▪ Based upon projected student growth, a second bus receiver school will be needed within two years. 	
Recommendation	
<ul style="list-style-type: none"> ▪ Construct a core elementary K-4 school for 300 students complete with space to support a modular addition for 300 students in 12 units. The capacity of the school will be 600 student spaces. ▪ The total project cost is budgeted at \$15 million. 	

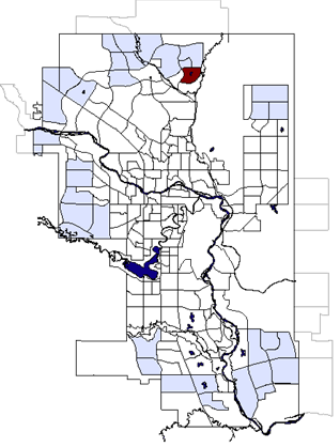
5.0	2015-2018 SCHOOL CAPITAL PLAN	
New School Construction		
Priority C-6 Martindale Elementary ⁽²⁾		
School Community Profile		
<ul style="list-style-type: none"> ▪ The Martindale Community began development in 1983 and is located in the northeast sector of the City, immediately east of Metis Trail, south of 80 Avenue NE and north of the community of Castleridge. ▪ As of the April 2013 Census, the total number of occupied dwelling units in Martindale was 3,871 with a population of 14,084. ▪ The community had an average annual population growth of 372 persons during the past three-year period. 		
Enrolment Profile		
<ul style="list-style-type: none"> ▪ As of the April 2013 Census, there were 824 public declared preschool-aged children. ▪ As of September 30, 2013, there were 937 Kindergarten to Grade 4 students residing in the Martindale community that attended CBE schools. There is a demand for a stand-alone elementary school in Martindale. 		
Site Planning and Transportation		
<ul style="list-style-type: none"> ▪ There is one elementary/junior high school (Crossing Park School), one elementary site and one senior high site in Martindale. Crossing Park School (K-9) has a capacity of 1,029 students. ▪ Not all elementary students can be accommodated in Crossing Park School. Martindale elementary students are bussed to Grant MacEwan Elementary located in the Falconridge community, and Annie Foote Elementary School in the Temple community. Median travel time to Grant MacEwan School and Annie Foote School is 15 minutes. ▪ Based upon projected student growth, a second bus receiver school will be needed within two years. 		
Recommendation		
<ul style="list-style-type: none"> ▪ Construct a core elementary K-4 school for 300 students complete with space to support a modular addition for 300 students in 12 units. The capacity of the school will be 600 student spaces. ▪ Once the new elementary school is constructed, Crossing Park School will be reconfigured to become a middle school that will serve the Martindale community. The two schools will operate as separate schools with appropriate grade configurations to accommodate student demand. ▪ The total project cost is budgeted at \$15 million. 		

5.0	2015-2018 SCHOOL CAPITAL PLAN
New Construction	
Priority C-7 Springbank Hill/Discovery Ridge Elementary/Middle	
School Community Profile	
<p>Springbank Hill Community began development in 1997 and is located west of 69 Street SW, north of Glenmore Trail SW/Highway 8, and east of the City Limits.</p> <ul style="list-style-type: none"> ▪ As of the April 2013 Census, the total number of occupied dwelling units was 3,082 with a population of 9,186. The community is planned for an estimated 4,577 housing units with a population capacity of 12,700 to 13,400. ▪ The community had an average annual population growth of 334 persons during the past three-year period. <p>Discovery Ridge Community began development in 1995 and is located in the West sector of the City, south of Glenmore Trail SW/Highway 8, at 69 Street SW and north of the Elbow River.</p> <ul style="list-style-type: none"> ▪ As of the April 2013 Census, the total number of occupied dwelling units was 1,602 with a population of 4,332. ▪ The population has been stable the past three years. 	
Enrolment Profile	
<ul style="list-style-type: none"> ▪ As of September 30, 2013, there were 322 Kindergarten to Grade 4 students and 268 Grades 5-9 students residing in the Springbank Hill community who attended CBE schools. ▪ As of September 30, 2013, there were 173 Kindergarten to Grade 4 students and 180 Grades 5-9 students residing in the Discovery Ridge community who attended CBE schools. 	

5.0	2015-2018 SCHOOL CAPITAL PLAN
New Construction	
Priority C-7 Springbank Hill/Discovery Ridge Elementary/Middle	
Site Planning and Transportation	
<ul style="list-style-type: none"> ▪ There is one elementary site and one middle school site in Springbank Hill. The Ernest Manning High School is also in Springbank Hill. There is one elementary site in Discovery Ridge. Due to the size of the two communities a combined elementary/middle K-9 school is recommended. ▪ Springbank Hill K-6 students are currently bussed to Battalion Park School located in the Signal Hill community in Area IV and Glenbrook School located in the community of Glenbrook in Area IV. Median travel time for Battalion Park School and Glenbrook School is 17 minutes. Discovery Ridge K-6 students are currently bussed to Jennie Elliott School which is located in the Lakeview community. Median travel time to Jennie Elliott is 20 minutes. ▪ Springbank Hill 7-9 students are bussed to A.E. Cross School which is located in the Glenbrook community. Discovery Ridge students are bussed to Bishop Pinkham School which is located in the Lakeview community. Median travel time to Springbank Hill School and Discovery Ridge School is 24 minutes. ▪ Based upon projected student growth, a second bus receiver school may be needed within two years. 	
Recommendation	
<ul style="list-style-type: none"> ▪ Construct an elementary/middle school for 500 Kindergarten - 9 students complete with space to support a relocatable addition for 400 students in 16 units. The capacity of the school will be 900 student spaces. ▪ The total project cost is budgeted at \$25 million, including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance. 	

5.0	2015-2018 SCHOOL CAPITAL PLAN
New School Construction	
Priority C-8 Silverado Elementary	
School Community Profile	
<p>Silverado Community began development in 2005 and is located south of Highway 22X, east of Spruce Meadows and west of MacLeod Trail SW.</p> <ul style="list-style-type: none"> ▪ As of the April 2013 Census, the total number of occupied dwelling units was 1,974 with a population of 5,929. ▪ The community is planned for an estimated 6,059 housing units with a population capacity of 16,200 to 17,100. ▪ The community had an average annual population growth of 858 persons during the past three-year period. 	
Enrolment Profile	
<ul style="list-style-type: none"> ▪ As of the April 2013 Census, there were 376 public declared preschool-aged children. ▪ As of September 30, 2013, there were 220 Kindergarten to Grade 4 students residing in the Silverado community who attended CBE schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> ▪ Silverado students are currently bussed to Ethel M. Johnson School, which is located in the Southwood community. Travel time to Ethel M. Johnson is 26 minutes. 	
Recommendation	
<ul style="list-style-type: none"> ▪ Construct a core elementary K-4 school for 300 students complete with space to support a modular addition for 300 students in 12 units. The capacity of the school will be 600 student spaces. ▪ The total project cost is budgeted at \$15 million. 	

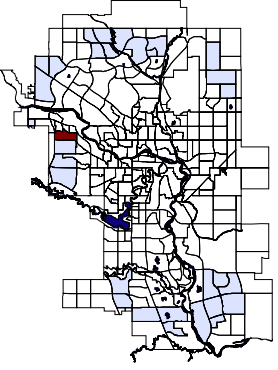
5.0	2015-2018 SCHOOL CAPITAL PLAN
New Construction	
Priority C-9 Evanston Middle	
School Community Profile	
<p>Evanston Community began development in 2002 and is situated in the North sector of the city, north of Stoney Trail and east of Symons Valley Road.</p>	
<ul style="list-style-type: none"> ▪ As of the April 2013 Census, the total number of occupied dwelling units was 2,744 with a population of 8,274. ▪ The community is planned for an estimated 6,609 housing units with a population capacity of 18,300 to 19,300. ▪ The community had an average annual population growth of 1,030 persons during the past three-year period. 	
Enrolment Profile	
<ul style="list-style-type: none"> ▪ As of September 30, 2013, there were 412 Kindergarten to Grade 4 and 235 Grades 5-9 students residing in the Evanston community who attended CBE schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> ▪ There are two elementary sites and one middle school site in Evanston. ▪ Evanston students are currently bussed to G.P. Vanier, which is located in the Winston Heights community in Area II. Median travel time to G.P. Vanier School is 44 minutes. 	
Recommendation	
<ul style="list-style-type: none"> ▪ Construct a middle school for 500 Grades 5-9 students complete with space to support a relocatable addition for 400 students in 16 units. The capacity of the school will be 900 student spaces. ▪ The total project cost is budgeted at \$25 million including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance. 	

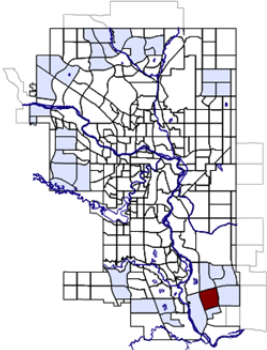
5.0	2015-2018 SCHOOL CAPITAL PLAN
New School Construction	
Priority C-10 Harvest Hills/Country Hills Elementary/Middle	
School Community Profile	
<p>Harvest Hills Community began development in 1990 and is located south of Country Hills Boulevard NW and east of Harvest Hills Boulevard NW.</p> <ul style="list-style-type: none"> ▪ As of the April 2013 Census, the total number of occupied dwelling units was 2,536 with a population of 7,465. The population has been stable the past three years. <p>Country Hills Community began development in 1990 and is located south of Country Hills Boulevard NW and west of Harvest Hills Boulevard NW.</p> <ul style="list-style-type: none"> ▪ As of the April 2013 Census, the total number of occupied dwelling units was 1,406 with a population of 3,762. The population has been stable the past three years. 	
Enrolment Profile	
<ul style="list-style-type: none"> ▪ As of September 30, 2013, there were 155 Kindergarten to Grade 4 students and 192 Grades 5-9 students residing in the Harvest Hills community who attended CBE schools. ▪ As of September 30, 2013, there were 115 Kindergarten to Grade 4 students and 125 Grades 5-9 students residing in the Country Hills community who attended CBE schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> ▪ There is an elementary/middle site in Harvest Hills. Due to the size of the two communities a combined elementary/middle K-9 school is recommended. ▪ Harvest Hills K-4 students are bussed to North Haven School. Country Hills (north) K-4 students are bussed to Alex Munro School and Country Hills (south) K-4 students are bussed to Simons Valley School. Median travel time is 21 minutes. ▪ Harvest Hills Grades 5-9 students are bussed to Colonel Irvine School. Country Hills (north) Grades 5-9 students are bussed to Colonel Irvine School and Country Hills (south) Grades 5-9 students are bussed to Simon Fraser School. Median travel time is 27 minutes. 	

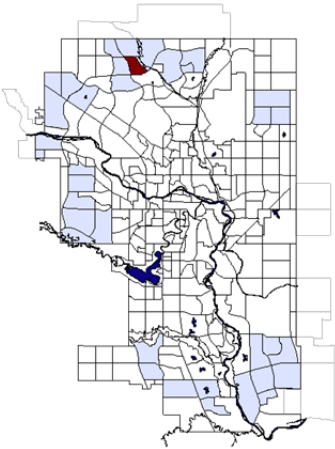
5.0	2015-2018 SCHOOL CAPITAL PLAN
New School Construction	
Priority C-10 Harvest Hills/Country Hills Elementary/Middle	
Recommendation	
<ul style="list-style-type: none"> ▪ Construct an elementary/ middle school for 500 Kindergarten - Grade 9 students complete with space to support a relocatable addition for 400 students in 16 units. The capacity of the school will be 900 student spaces. ▪ The total project cost is budgeted at \$25 million, including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance. 	

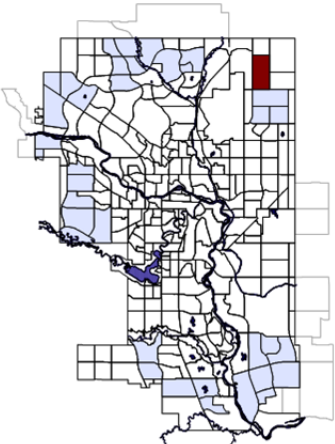
5.0	2015-2018 SCHOOL CAPITAL PLAN
New Construction	
Priority C-11 Stampede Youth Campus	
School Community / Enrolment Profile	
<p>The CBE plans to work collaboratively and in partnership with the Calgary Stampede Foundation and Board of Directors and others, to create a world-class learning centre for young people, located on the Stampede Grounds as part of the Youth Campus agenda.</p> <p>In creating year-round, flexible and personalized learning programs for each student, the CBE and the Stampede Board are able to deliver on exceptional experiences specific to the performing arts that bring the community together and celebrate the unique contributions of our province and heritage.</p> <p>Performing arts education has been part of the mainstream of CBE high schools for decades and continues to provide excellent program opportunities for students across the city. Working with the Calgary Stampede Board and Foundation will strengthen our ability to expand and attract the very best of Calgary youth to new and dynamic learning opportunities. This will forge new ways of connecting students to their talents and their leadership potential.</p>	
Facility Description	
<p>The CBE has undertaken very preliminary plans for a facility located on the Stampede grounds that would comply with standards and expectations of new school facilities approved through Alberta Education for secondary school students.</p> <p>A core school is envisaged as a 400 student capacity secondary school facility with 16 classrooms, a gym and Learning Commons. The estimated cost for the school is \$17.2 million. Details are for a school with a gross area of approximately 4,100 m² for Grades 10-12 students. Key components are:</p> <p>Standard secondary school core curriculum courses:</p> <ul style="list-style-type: none"> ▪ English language arts, mathematics, sciences, biology, chemistry, physics, computer studies, social studies, languages <p>Physical Education: daily requirement (potential off site location)</p> <ul style="list-style-type: none"> ▪ Main Gym with bleachers ▪ Boys and Girls Change Rooms with showers and washroom ▪ Gym storage and chair storage <p>Learning Commons</p> <ul style="list-style-type: none"> ▪ Multi-functional technology rich space, multiple groups of various sizes use the space together ▪ Hardwired computers 	

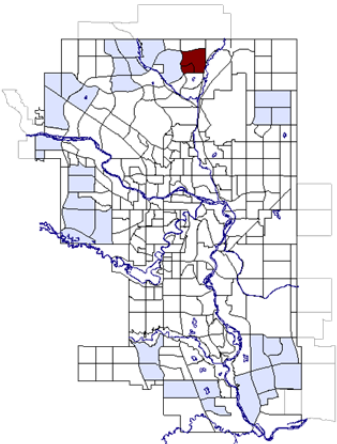
5.0	2015-2018 SCHOOL CAPITAL PLAN
New Construction	
Priority C-11 Stampede Youth Campus	
Facility Description	
<p>In addition to the core school, the need for an adjacent Performing Arts Theatre was evaluated.</p> <p>This facility could include an 800 seat theatre with drama, dance and fitness rooms. Besides spaces for a music and arts program, career and technology program spaces to support the program are considered.</p> <p>The components of a 2200 M² Theatre, costing approximately \$9.8 million, would include the following:</p> <ul style="list-style-type: none"> ▪ Foyer lobby/ticket office ▪ 800 seat auditorium/theatre 0.75 m² per seat ▪ Stage ▪ Back of Stage <p>In keeping with flexible and authentic learning requirements for programming, flexible timelines and year round programs would expand the number of students served in this facility and complement events and expectations of these performing artists in local and international venues.</p> <p>The total project cost is estimated to be \$27,000,000.</p>	

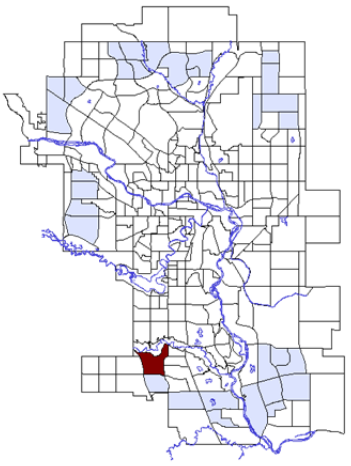
5.0	2015-2018 SCHOOL CAPITAL PLAN
New School Construction	
Priority C-12 Cougar Ridge Elementary	
School Community Profile	
<ul style="list-style-type: none"> ▪ Cougar Ridge Community began development in 2000 and is situated in southwest Calgary, south of Canada Olympic Road SW. ▪ As of the April 2013 Census, the total number of occupied dwelling units in Cougar Ridge was 1,897 with a population of 5,985. ▪ The community is planned for an estimated 2,640 housing units with an estimated population capacity of 7,900. ▪ The community had an average annual population growth of 110 persons during the past three-year period. 	
Enrolment Profile	
<ul style="list-style-type: none"> ▪ As of the April 2013 Census, there were 308 public declared preschool-aged children. ▪ As of September 30, 2013, there were 258 Kindergarten to Grade 4 students residing in Cougar Ridge that attended CBE Schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> ▪ There is one elementary school site in Cougar Ridge. ▪ Cougar Ridge students are currently bussed to Wildwood Elementary, which is located in the Wildwood community in Area IV. Median travel time to Wildwood is 23 minutes. ▪ Based upon projected student growth a second bus receiver school will be needed within two years for Cougar Ridge. (said yes last year) 	
Accommodation Planning	
<ul style="list-style-type: none"> ▪ Construct a core elementary K-4 school for 300 students complete with space to support a relocatable addition for 300 students in four units. The capacity of the school will be 600 student spaces. ▪ The total project cost is budgeted at \$15 million. 	

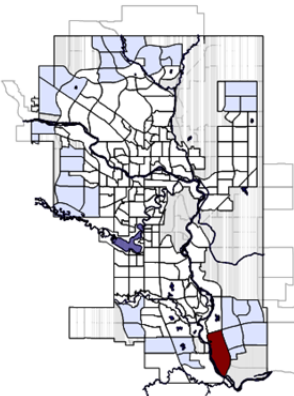
5.0	2015-2018 SCHOOL CAPITAL PLAN	
New Construction		
Priority C-13 Auburn Bay Middle		
School Community Profile		
<p>Auburn Bay Community began development in 2005 and is located in the Southeast sector of the City.</p> <ul style="list-style-type: none"> As of the April 2013 Census, the total number of occupied dwelling units was 2,940 with a population of 8,825. The community is planned for an estimated 6,600 housing units with a population capacity of 17,500 – 18,400. The community had an average annual population growth of 1,536 persons during the past three-year period. 		
Enrolment Profile		
<ul style="list-style-type: none"> As of the April 2013 Census, there were 414 Kindergarten to Grade 4 and 327 Grades 5-9 students residing in the Auburn Bay community who attended CBE schools. 		
Site Planning and Transportation		
<ul style="list-style-type: none"> Auburn Bay K-4 was approved February 10, 2014. There is one middle school site in Auburn Bay. Auburn Bay students in GR5-GR9 are currently bussed to Nickle School, which is located in the Lake Bonavista community in Area V. Median travel time to Nickle School is 22 minutes. 		
Recommendation		
<ul style="list-style-type: none"> Construct a middle school for 500 Grades 5-9 students complete with space to support a relocatable addition for 400 students in 16 units. The capacity of the school will be 900 student spaces. The total project cost is budgeted at \$25 million, including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance. 		

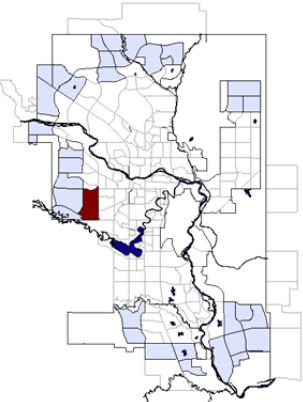
5.0	2015-2018 SCHOOL CAPITAL PLAN
New Construction	
Priority C-14 Kincora Elementary	
School Community Profile	
<p>Kincora Community began development in 2006 and is located north of Stoney Trail and west of Symons Valley Road NW.</p> <ul style="list-style-type: none"> ▪ As of the April 2013 Census, the total number of occupied dwelling units was 1,540 with a population of 5,088. ▪ The community is planned for an estimated 4,827 housing units with a population capacity of 11,100 to 11,700. ▪ The community had an average annual population growth of 361 persons during the past three-year period. 	
Enrolment Profile	
<ul style="list-style-type: none"> ▪ As of the April 2013 Census, there were 304 public declared preschool-aged children. ▪ As of September 30, 2013, there were 254 Kindergarten to Grade 4 students residing in the Kincora community who attended CBE schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> ▪ Kincora students are currently bussed to Simons Valley School, which is located in the Sandstone community. Travel time to Simons Valley is 17 minutes. 	
Recommendation	
<ul style="list-style-type: none"> ▪ Construct a core elementary K-4 school for 300 students complete with space to support a modular addition for 300 students in 12 units. The capacity of the school will be 600 student spaces. Based on growth, a decision can be made on a K-6 grade configuration. ▪ The total project cost is budgeted at \$15 million. 	

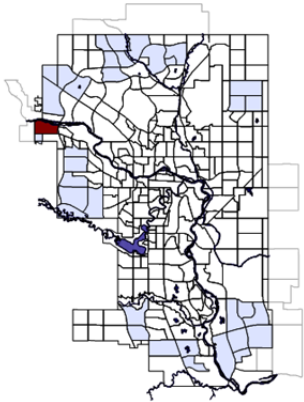
5.0	2015-2018 SCHOOL CAPITAL PLAN
New Construction	
Priority C-15 Skyview Ranch Elementary	
School Community Profile	
<p>Skyview Ranch Community began development in 2008 and is located south of 128 Avenue NE, and east of Metis Trail NE.</p> <ul style="list-style-type: none"> ▪ As of the April 2013 Census, the total number of occupied dwelling units was 1,476 with a population of 4,509. ▪ The community is planned for an estimated 14,964 housing units with a population capacity of 32,900 to 34,500. ▪ The community had an average annual population growth of 1,266 persons during the past three-year period. 	
Enrolment Profile	
<ul style="list-style-type: none"> ▪ As of the April 2013 Census, there were 232 public declared preschool-aged children. ▪ As of September 30, 2013, there were 179 Kindergarten to Grade 4 students residing in the Skyview Ranch community who attended CBE schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> ▪ Skyview Ranch students are currently bussed to Rundle School, which is located in the Rundle community. Travel time to Rundle School is 29 minutes. 	
Recommendation	
<ul style="list-style-type: none"> ▪ Construct a core elementary K-4 school for 300 students complete with space to support a modular addition for 300 students in 12 units. The capacity of the school will be 600 student spaces. ▪ The total project cost is budgeted at \$15 million. 	

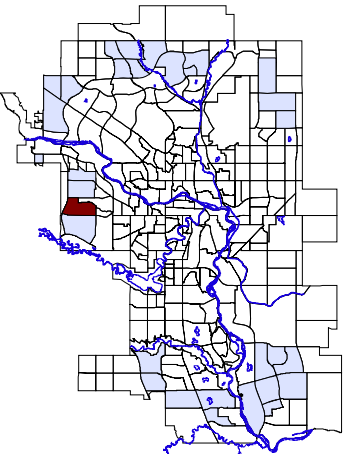
5.0	2015-2018 SCHOOL CAPITAL PLAN
New Construction	
Priority C-16 North Calgary High	
School Community Profile	
<p>The North High School will serve the residents of the Northern Hills communities and other select communities south of Country Hills Boulevard NW.</p> <ul style="list-style-type: none"> ▪ Currently, the north area is served by four high schools consisting of: Crescent Heights (Coventry Hills, Country Hills Village, Hidden Valley), Queen Elizabeth (Country Hills - south) James Fowler (Country Hills - north) and John G. Diefenbaker (Panorama Hills, Harvest Hills). ▪ A 24 acre site in the west portion of Coventry Hills is available for a new senior high school. 	
	
Enrolment Profile	
<ul style="list-style-type: none"> ▪ Area II is comprised of Sector 3 and 4 and has a utilization rate by residence of 66% and a utilization rate by enrolment of 103%. Sector 4 has a utilization rate by residence of 261% and is served by only John G. Diefenbaker High School. ▪ John G. Diefenbaker has a provincial capacity of 1300 student spaces a utilization of 110%. ▪ Crescent Heights has a provincial capacity of 2,150 student spaces and utilization of 98%. This bus ride is long for Coventry Hills, Country Hills Village and Hidden Valley students with over 500 students attending from these communities. ▪ James Fowler has a provincial capacity of 1980 student spaces and a utilization of 84%. ▪ The Northern Hills communities (Harvest Hills, Country Hills, Country Hills Village, Coventry Hills (north/south), Panorama Hills and Hidden Valley currently have 1,603 students attending CBE high schools for Grades 10 - 12. 	
Site Planning and Transportation	
Several communities in the north are bussed significant distances.	
Recommendation	
<ul style="list-style-type: none"> ▪ Construct a senior high school for 1,800 Grades 10-12 students. ▪ The total project cost is budgeted at \$52 million; including the CTS space allowance and an allowance for CTS equipment in the amount of \$400,000. 	

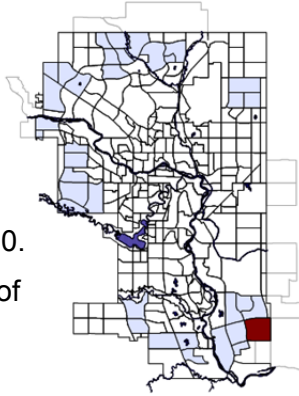
5.0	2015-2018 SCHOOL CAPITAL PLAN
New Construction	
Priority C-17 Evergreen Elementary ⁽²⁾	
School Community Profile	
<p>Evergreen Community began development in 1990 and is situated west of James McKeivitt Road SW and north of 162 Avenue SW.</p> <ul style="list-style-type: none"> ▪ As of the April 2013 Census, the total number of occupied dwelling units was 6,874 with a population of 20,809. ▪ The community is planned for an estimated 7,836 housing units with a population capacity of 20,700 to 21,800. ▪ The community has had an average annual population growth of 706 persons during the past three-year period and is nearing completion. 	
Enrolment Profile	
<ul style="list-style-type: none"> ▪ As of the April 2013 Census, there were 945 public declared preschool-aged children. ▪ As of September 30, 2013, there were 746 Kindergarten to Grade 4 students residing in the Evergreen community that attended CBE schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> ▪ There is an elementary K-4 school located along Fish Creek Boulevard SW with a capacity of 550 student spaces. ▪ The north elementary site would be used for the second elementary school. There is a middle school site in Evergreen in the central part of the community. ▪ Based upon projected student growth, a second bus receiver school will be needed within two years. 	
Recommendation	
<ul style="list-style-type: none"> ▪ Construct a core elementary K-4 school for 300 students complete with space to support a modular addition for 300 students in 12 units. The capacity of the school will be 600 student spaces. ▪ The north elementary site will accommodate long-term enrolment growth for elementary students. ▪ The total project cost is budgeted at \$15 million. 	

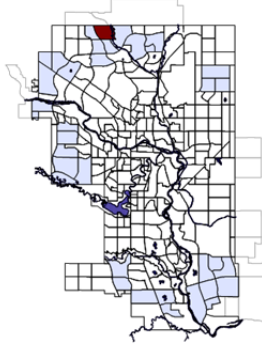
5.0	2015-2018 SCHOOL CAPITAL PLAN
New Construction	
Priority C-18 Cranston Elementary ⁽²⁾	
School Community Profile	
<p>Cranston Community began development in 1999 and is located south of Marquis of Lorne Trail SE and west of Deerfoot Trail SE.</p> <ul style="list-style-type: none"> ▪ As of the April 2013 Census, the total number of occupied dwelling units was 4,665 with a population of 13,435. ▪ The community is planned for an estimated 8,284 housing units with a population capacity of 22,600 to 23,700. ▪ The community had an average annual population growth of 1,263 persons during the past three-year period. 	
	
Enrolment Profile	
<ul style="list-style-type: none"> ▪ As of the April 2013 Census, there were 804 public declared preschool-aged children in Cranston. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> ▪ Cranston School (K-4) opened January 2010. There is one middle school site in Cranston and one more elementary site. ▪ The existing K-4 school in the community is over capacity. Students that cannot be accommodated at Cranston School are designated to McKenzie Lake School. 	
Recommendation	
<ul style="list-style-type: none"> ▪ Construct a core elementary K-Grade 4 school for 300 students complete with space to support a modular addition for 300 students in 12 units. The capacity of the school will be 600 student spaces. ▪ The total project cost is budgeted at \$15 million. 	

5.0	2015-2018 SCHOOL CAPITAL PLAN
New Construction	
Priority C-19 Signal Hill Middle	
School Community Profile	
<p>Signal Hill Community began development in 1986 and is located west of Sarcee Trail SW and north of Glenmore Trail SW.</p> <ul style="list-style-type: none"> ▪ As of the April 2013 Census, the total number of occupied dwelling units was 5,137 with a population of 13,878. ▪ The population has been stable the past three years. 	
Enrolment Profile	
<ul style="list-style-type: none"> ▪ As of September 30, 2013, there were 430 Kindergarten to Grade 4 and 414 Grades 5-9 students residing in the Signal Hill community who attended CBE schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> ▪ The Battalion Park School has been open since 2000 and serves K-6 students. There is one middle school site in Signal Hill and one more elementary site. ▪ Once the new middle school is constructed, Battalion Park School will be reconfigured to become a K – 4 school. The two schools will operate as separate schools with appropriate grade configurations to accommodate student demand. ▪ Signal Hill students are currently bussed to A.E. Cross School, which is located in the Glenbrook community in Area IV. Median travel time to A.E. Cross School is 21 minutes. 	
Recommendation	
<ul style="list-style-type: none"> ▪ Construct a middle school for 500 Grades 5-9 students complete with space to support a relocatable addition for 400 students in 16 units. The capacity of the school will be 900 student spaces. ▪ The total project cost is budgeted at \$25 million including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance. 	

5.0	2015-2018 SCHOOL CAPITAL PLAN
New Construction	
Priority C-20 Valley Ridge/Crestmont Elementary	
School Community Profile	
<p>Valley Ridge Community began development in 1992 and is located in the Northwest sector of the City.</p> <ul style="list-style-type: none"> ▪ As of the April 2013 Census, the total number of occupied dwelling units was 1,771 with a population of 5,276. <p>Crestmont Community began development in 2001 and is located in the Northwest sector of the City.</p> <ul style="list-style-type: none"> ▪ As of the April 2013 Census, the total number of occupied dwelling units was 459 with a population of 1,505. 	
	
Enrolment Profile	
<ul style="list-style-type: none"> ▪ As of the April 2013 Census, there were 190 public declared preschool-aged children in Valley Ridge. ▪ As of the April 2013 Census, there were 73 public declared preschool-aged children in Crestmont. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> ▪ Valley Ridge/Crestmont students are currently bussed to Belvedere-Parkway School, which is located in the Bowness community in Area I. Median travel time to Belvedere-Parkway School is 21 minutes. 	
Recommendation	
<ul style="list-style-type: none"> ▪ Construct a core elementary K-Grade 4 school for 300 students complete with space to support a modular addition for 300 students in 12 units. The capacity of the school will be 600 student spaces. ▪ The total project cost is budgeted at \$15 million. 	

5.0	2015-2018 SCHOOL CAPITAL PLAN
New Construction	
Priority C-21 Aspen Woods Middle	
School Community Profile	
<p>Aspen Woods Community began development in 2001 and is located north of 17 Avenue SE, south of 12 Avenue SE, west of 69 Street SE, and east of the City Limits.</p> <ul style="list-style-type: none"> ▪ As of the April 2013 Census, the total number of occupied dwelling units was 2,058 with a population of 6,371. ▪ The community is planned for an estimated 3,983 housing units with a population capacity of 10,700 to 11,200. ▪ The community had an average annual population growth of 935 persons during the past three-year period. 	
Enrolment Profile	
<ul style="list-style-type: none"> ▪ As of September 30, 2013, there were 221 Kindergarten to Grade 4 and 182 Grades 5-9 students residing in the Aspen Woods community who attended CBE schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> ▪ Aspen Woods students are currently bussed to Vincent Massey School, which is located in the Westgate community. Median travel time to Vincent Massey School is 16 minutes. ▪ Based upon projected student growth, a second bus receiver school will be needed within two years. 	
Recommendation	
<ul style="list-style-type: none"> ▪ Construct a middle school for 500 Grades 5-9 students complete with space to support a relocatable addition for 400 students in 16 units. The capacity of the school will be 900 student spaces. ▪ The total project cost is budgeted at \$25 million including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance. 	

5.0	2015-2018 SCHOOL CAPITAL PLAN
New Construction	
Priority C-22 Mahogany Elementary	
School Community Profile	
<p>Mahogany Community began development in 2009 and is located in the Southeast sector of the City.</p> <ul style="list-style-type: none"> ▪ As of the April 2013 Census, the total number of occupied dwelling units was 615 with a population of 1,913. ▪ The community is planned for an estimated 12,050 housing units with a population capacity of 30,500 to 32,000. ▪ The community had an average annual population growth of 552 persons during the past three-year period. 	
	
Enrolment Profile	
<ul style="list-style-type: none"> ▪ As of the April 2013 Census, there were 138 public declared preschool-aged children in Mahogany. ▪ As of the April 2013 Census, there were 98 Kindergarten to Grade 4 students residing in the Mahogany community who attended CBE schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> ▪ Mahogany students are currently bussed to Riverbend School, which is located in the Riverbend community in Area V. Median travel time to Riverbend School is 42 minutes. 	
Recommendation	
<ul style="list-style-type: none"> ▪ Construct a core elementary K-Grade 4 school for 300 students complete with space to support a modular addition for 300 students in 12 units. The capacity of the school will be 600 student spaces. ▪ The total project cost is budgeted at \$15 million. 	

5.0	2015-2018 SCHOOL CAPITAL PLAN
New Construction	
Priority C-23 Sage Hill Elementary	
School Community Profile	
<p>Sage Hill Community began development in 2006 and is located in the North sector of the City.</p> <ul style="list-style-type: none"> ▪ As of the April 2013 Census, the total number of occupied dwelling units was 1,057 with a population of 2,967. ▪ The community is planned for an estimated 9,513 housing units with a population capacity of 20,000-21,100. ▪ The community had an average annual population growth of 753 persons during the past three-year period. 	
Enrolment Profile	
<ul style="list-style-type: none"> ▪ As of the April 2013 Census, there were 186 public declared preschool-aged children in Sage Hill. ▪ As of the April 2013 Census, there were 113 Kindergarten to Grade 4 students residing in the Sage Hill community who attended CBE schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> ▪ Sage Hill students are currently bussed to Hawkwood School, which is located in the Hawkwood community in Area I. Median travel time to Hawkwood School is 21 minutes. 	
Recommendation	
<ul style="list-style-type: none"> ▪ Construct a core elementary K-Grade 4 school for 300 students complete with space to support a modular addition for 300 students in 12 units. The capacity of the school will be 600 student spaces. ▪ The total project cost is budgeted at \$15 million. 	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-1 Lord Beaverbrook High School	
<p>A planned CBE strategy to address the new Career and Technology Studies curriculum requires approval of modernization projects to be undertaken in high schools in each of Areas I, II, III and V. These schools require priority placements for major modernization projects in order to deliver Career and Technology Studies courses and programs to students at exploratory, specialized and credentialed levels.</p> <p>The Lord Shaughnessy High School modernization in Area IV is the first modernization project undertaken to prototype Career and Technology learning environments.</p> <p>Career and Technology Courses are designed to engage students in learning in authentic, relevant and personalized learning environments. Through this approach to learning, students transition from their high school experience more successfully into the world of work or into post-secondary education. Creating these personalized pathways through Career and Technology courses and programs allow students the opportunity to examine their career goals and expand their interests in future success.</p> <p>The Career and Technology Centres combine authentic and relevant learning opportunities with personalized education, where classroom theory can be move into performance related activities.</p>	
Facility Description	
<p>The original two storey building, complete with gymnasium, partial lower level basement, performance space, and mezzanine was constructed in 1966. A two storey addition was built in 1979, and another single storey addition was built 1985.</p> <p>Overall construction comprises a foundation of grade beams, strip footings, and footing pads. The superstructure consists of both exterior and interior masonry load bearing block and concrete columns. Upper floors consist of pre-cast concrete T-beams and concrete topping. The roof structure is comprised of concrete T-beams complete with built up bitumen membrane assembly.</p> <p>The exterior is a combination of red brick and concrete panels. Rooftop mechanical has steel cladding. Windows are typically single glazed units and aluminum framed. Exterior doors are typical wood panel and frame, and painted. Main entrance doors have glazing in aluminum frames. The total area of the main building is 27506.5 m² consisting of 100 classrooms. The classrooms range in size and have access to natural light.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-1 Lord Beaverbrook High School	
Facility Description (cont'd)	
<p>In 2012, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations:</p> <ul style="list-style-type: none"> ▪ Exterior: requires upgrades (repair or replace exterior finish components, windows, doors, wood panels below windows, skylights, roof membrane, etc.) ▪ Interior: requires upgrades (shower stalls, repainting, general repairs, interior doors, chalkboards, ceiling tiles, etc.) ▪ Mechanical: requires upgrades (install larger buffer glycol tank; outdated heating and cooling system components, drain lines, ventilation system upgrades) ▪ Electrical: systems require upgrading (review and replace as required all life-cycle components, i.e. electrical panels) 	
Modernization	
<p>Due to the age and condition of the building components, a modernization will improve functionality, security and safety, and will upgrade building infrastructure. There is a need to modernize instructional spaces in order to enhance the learning environment. This modernization will focus on upgrading CTS space throughout the school and will include partial upgrading of the building envelope, mechanical and electrical systems, and replacement of worn architectural finishes and fixtures.</p> <p>This project will also include a library to learning commons conversion to bring the school into alignment with 21st century learning. Additional project items include building and fire code upgrades, hazardous material abatement and addressing barrier-free accessibility. The total project cost is estimated to be \$25 million.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-2 James Fowler High School	
<p>A planned CBE strategy to address the new Career and Technology Studies curriculum requires approval of modernization projects to be undertaken in high schools in each of Areas I, II, III and V. These schools require priority placements for major modernization projects in order to deliver Career and Technology Studies courses and programs to students at exploratory, specialized and credentialed levels.</p> <p>The Lord Shaughnessy High School modernization in Area IV is the first modernization project undertaken to prototype Career and Technology learning environments.</p> <p>Career and Technology Courses are designed to engage students in learning in authentic, relevant and personalized learning environments. Through this approach to learning, students transition from their high school experience more successfully into the world of work or into post-secondary education. Creating these personalized pathways through Career and Technology courses and programs allow students the opportunity to examine their career goals and expand their interests in future success.</p> <p>The Career and Technology Centres combine authentic and relevant learning opportunities with personalized education, where classroom theory can be move into performance related activities. There will be available space for Chinook Learning Services to operate in the school over the long term.</p>	
Facility Description	
<p>The original three storey split level building, complete with gymnasium, basement, and performance space was constructed in 1962. Elevations of the building differ due to the contour and slope of the site. An elevator and small addition were added to the building in 1998, complete with an exterior entry stairway and canopy.</p> <p>Overall construction comprises a foundation of grade beams, strip footings, footing pads and foundational walls. The superstructure consists of both exterior and interior masonry load bearing block and concrete columns. Floors consist of pre-cast concrete T-beams with concrete topping. The roof structure is comprised of concrete T-beams complete with built up bitumen membrane assembly. The 1998 roof construction comprises a bitumen membrane assembly on steel deck roofing on steel beams on masonry block.</p> <p>Exterior is a combination pre-cast concrete fascia panels, red brick, vertical curtain wall sections and painted masonry block walls. The 1998 addition is finished in steel cladding and masonry block. Windows are typically sealed and insulated aluminum framed units. Exterior doors are typical steel framed (with or without glazing), and painted. Some doors are metal set in aluminum frames. The total area of the main building is 24,701.8 m² consisting of 77 classrooms. The classrooms range in size and have access to natural light.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-2 James Fowler High School	
Facility Description (cont'd)	
<p>In 2011, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations:</p> <ul style="list-style-type: none"> ▪ Exterior: requires upgrades (repair masonry block, sealants and parging; replace windows in curtain wall sections and floors. Upgrade original entrances) ▪ Interior: requires upgrades (repair masonry block, fire penetrations, concrete flooring, and acoustic tiles) ▪ Mechanical: requires upgrades (replace sinks, washroom fixtures, damaged pipe insulation and fan coils) ▪ Electrical: systems require upgrading (install surveillance and new fire alarm devices) 	
Modernization	
<p>A school modernization is required due to the age and condition of the building components, and the need to modernize instructional spaces in order to enhance the learning environment. The modernization will focus on CTS program spaces, including upgrades to the building envelope, mechanical and electrical equipment.</p> <p>The scope will also include replacement of worn architectural finishes and fixtures, program space renovations, including a library to learning commons conversion to bring the school into alignment with 21st century learning. Additional project items include building and fire code upgrades, hazardous material abatement and addressing barrier-free accessibility and safety/security concerns. The total project cost is estimated to be \$15 million.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-3 Forest Lawn High School	
<p>A planned CBE strategy to address the new Career and Technology Studies curriculum requires approval of modernization projects to be undertaken in high schools in each of Areas I, II, III and V. These schools require priority placements for major modernization projects in order to deliver Career and Technology Studies courses and programs to students at exploratory, specialized and credentialed levels.</p> <p>The Lord Shaughnessy High School modernization in Area IV is the first modernization project undertaken to prototype Career and Technology learning environments.</p> <p>Career and Technology Courses are designed to engage students in learning in authentic, relevant and personalized learning environments. Through this approach to learning, students transition from their high school experience more successfully into the world of work or into post-secondary education. Creating these personalized pathways through Career and Technology courses and programs allow students the opportunity to examine their career goals and expand their interests in future success.</p> <p>The Career and Technology Centres combine authentic and relevant learning opportunities with personalized education, where classroom theory can be moved into performance related activities.</p>	
Facility Description	
<p>The original two storey split level building, complete with gymnasium and partial basement, was constructed in 1968. A single storey addition was added in 1984. Since construction, there have been only minor renovations, including a barrier-free access ramp. Overall construction comprises of foundation of footing pads, strip footings, and foundation walls complete with concrete slabs.</p> <p>The superstructure consists of both exterior and interior masonry load bearing block. Concrete columns also support suspended floors and roof structures. Suspended floors and roof are precast T-Beam complete with concrete topping. The 1984 addition comprises metal roof decking on steel beams on masonry block walls. Exterior is a combination of pre-cast concrete exposed aggregate, concrete fascia panels and red brick curtain wall sections. Windows are typically insulated glazing units (IGUs), and aluminum framed. Exterior doors are wood core set in steel frames and painted.</p> <p>The total area of the main building is 22,068 m² consisting of 87 classrooms. The classrooms range in size and have access to natural light. In 2012, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation included the following recommendations:</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-3 Forest Lawn High School	
Facility Description	
<ul style="list-style-type: none"> ▪ Exterior: requires upgrades (repair of floor construction fire-stopping, cracked floor sections of the concrete and flooring finishes is required; repair seals of windows and roof sections; repair brick damage) ▪ Interiors: require upgrading (repaint central ramps and concrete floors; replace worn carpets, ceiling tiles, lockers, and some interior doors) ▪ Mechanical: requires upgrades (minor maintenance items: repair or replace AHU servicing wood shop and dust collector unit, repair leaking water fountains) ▪ Electrical: systems require upgrading (replace natural gas generator with diesel; remove open wiring in main hallway; and install dedicated circuitry in each classroom) 	
Modernization	
<p>Due to the age and condition of the building components, a modernization will improve functionality, security, safety and will upgrade building infrastructure. There is a need to modernize instructional spaces in order to enhance the learning environment. This modernization will focus on upgrading CTS space throughout the school and will include partial upgrading of the building envelope and mechanical/electrical systems. It will also replace worn architectural finishes and fixtures. This includes a library to learning commons conversion, bringing the school into alignment with 21st century learning. Additional project items include building and fire code upgrades, hazardous material abatement and addressing barrier-free accessibility. The total project cost is estimated to be \$15 million.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-4 John G. Diefenbaker High School	
<p>A planned CBE strategy to address the new Career and Technology Studies curriculum requires approval of modernization projects to be undertaken in high schools in each of Areas I, II, III and V. These schools require priority placements for major modernization projects in order to deliver Career and Technology Studies courses and programs to students at exploratory, specialized and credentialed levels.</p> <p>The Lord Shaughnessy High School modernization in Area IV is the first modernization project undertaken to prototype Career and Technology learning environments.</p> <p>Career and Technology Courses are designed to engage students in learning in authentic, relevant and personalized learning environments. Through this approach to learning, students transition from their high school experience more successfully into the world of work or into post-secondary education. Creating these personalized pathways through Career and Technology courses and programs allow students the opportunity to examine their career goals and expand their interests in future success.</p> <p>The Career and Technology Centres combine authentic and relevant learning opportunities with personalized education, where classroom theory can be move into performance related activities.</p>	
Facility Description	
<p>The original two storey building, complete with gymnasium, partial lower level (walkout) basement, performance space, and mechanical penthouse was constructed in 1971. In 1990, a single storey addition with lower level was added. Additionally, there are four dated modular units located on site. There have been several interior renovations over the years to improve existing spaces.</p> <p>Overall construction comprises a foundation of grade beams and strip footings complete with reinforced concrete slabs on grade. The superstructure consists of both exterior and interior masonry load bearing block, or poured in place walls and columns. Roof structure is steel deck on steel joists on bearing walls. The majority of the roof assembly is a bituminous built-up (BUR) system (last replaced in 1988).</p> <p>The exterior is a combination of red brick, ribbed block, and stucco. Windows are typically double glazed units and aluminum framed. Exterior doors are steel and painted.</p> <p>The total area of the main building is 13876 m² consisting of 54 classrooms. The classrooms range in size and have access to natural light.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-4 John G. Diefenbaker High School	
Facility Description (cont'd)	
<p>In 2007, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations:</p> <ul style="list-style-type: none"> ▪ Mechanical: requires upgrades (some space temperature controls require repair or replacement; life-cycle issues are soon to be an issue) ▪ Electrical: systems require upgrading (review and replace as required all life-cycle components) 	
Modernization	
<p>Due to the age and condition of the building components, a modernization will improve functionality, security, safety and will upgrade building infrastructure. There is a need to modernize instructional spaces in order to enhance the learning environment. This modernization will focus on upgrading CTS space throughout the school, and will include partial upgrading of the building envelope, mechanical and electrical systems, and replacement of worn architectural finishes and fixtures.</p> <p>This project will include a library to learning commons conversion, bringing the school into alignment with 21st century learning. Additional project items include building and fire code upgrades, hazardous material abatement and addressing barrier-free accessibility. The total project cost is estimated to be \$15 million.</p>	

6.0 2015-2018 SCHOOL CAPITAL PLAN

Major Modernizations

Priority M-5 Kingsland Centre

Chinook Learning Services Mandate

Chinook Learning Services provides older adolescent and adult high school academic upgrading, Adult ESL, and Continuing Education programs for the CBE. Chinook Learning Services provides high school upgrading to over 10,000 part-time students over the course of a year, including summer school. It serves students from all Areas of the city and from the greater Calgary region. The present demographics of Chinook Learning Services students (Fall 2012) indicate that student population is split evenly among all four quadrants of the city.

Chinook Learning Services			
Program	Annual	Daily	Location
High School Credit	10,000 students (13,500 registrations)	1,600	Viscount Bennett Centre
ESL	300	125	Tuxedo Park School
LINC*	540	360	4 sites: Viscount Bennett Centre, Tuxedo Park School, Calgary Achievement Centre for Youth, Christian City Church
Continuing Education	7,000	Varies	10 school sites across Calgary

*Language Instruction for Newcomers to Canada

The changes to the School Act in October 2012 extended funding to 21 years of age. This change will potentially increase the population at Chinook Learning Services as there will be an opportunity for many more students to successfully complete their high school education and transition into post-secondary programs and the work force. In addition, the present Alberta Education initiatives support the trend among some students to take longer than the average 12 years to complete to the end of high school.

The population of Chinook Learning Services is diverse. Although some students attend Chinook Learning Services to upgrade academic courses for University entrance, many students struggle with learning issues which may or may not have been diagnosed at an earlier age.

Chinook Learning Services (CLS) has demonstrated a steady increase in enrolment over the past few years. This trend is expected to continue with the changes to the School Act and with the growing population of Calgary. CLS operates year round, offering both evening and daytime courses. During the summer, Chinook Learning Services offers Summer School. The enrolment is approximately 4500 students (primarily high school age). In addition to Viscount Bennett Centre campus, four regular high schools act as satellites during July to provide adequate facilities for students living in different quadrants of the city. Chinook Learning Services also runs an International Summer School for students from Taiwan. This program is run out of a high school in the SW part of the city. The demand for summer school

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-5 Kingsland Centre	
Chinook Learning Services Mandate (cont'd)	
<p>programs has increased over the past several years.</p> <p>Chinook Learning Services is the largest centre in Alberta for diploma examination testing centre and for generating CEU's. Presently students at Chinook Learning Services take an average of one to two courses a semester. Presently courses are timetabled in three hour sessions twice a week for each semester. Based on learner need, there is a consideration to adjust the timetable to provide a more suitable program.</p> <p>Chinook Learning Services is a significant contributor to the CBE's high school strategy successfully supporting many students to complete high school and transition to post-secondary.</p>	
Current Status	
<p>Chinook Learning Services needs to vacate its main campus at Viscount Bennett Centre as the 58-year-old building is in need of major renovations and upgrading. Alberta Infrastructure conducted a detailed architectural and engineering study in 2000 and determined that \$23 million was required to renovate the existing building to meet educational needs and building code requirements. The conclusion of Architectural and Engineering Services was that it was uneconomical to restore the building. The CBE plans to sell the Viscount Bennett site.</p> <p>As of December 2012, the CBE officially obtained the property of the Booth Centre located in the East Village in the downtown. Conceptual plans for the renovation of this building have been drawn up in order to work through the City of Calgary's approval process. A steering committee oversees development of this project. As the East Village location will only accommodate a portion of the Academic portion of the student population, it is clear that more space will be required at future sites.</p> <p>The CBE had \$10.5 million approved toward the Chinook Learning Services capital project from last year's School Capital Plan 2012-2015. The CBE has been in the process of planning for the move of Chinook Learning Services from Viscount Bennett Centre. The CBE vision for Chinook Learning Services is a central campus in or in close proximity to the Downtown with two other locations in the city of Kingsland Centre (M-5) and James Fowler High School (M-2).</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-5 Kingsland Centre	
Facility Description	
<p>Kingsland School is a single storey facility with partial basement was completed in 1958. Overall construction comprises of a foundation of concrete slab floors on both foundational walls on strip footings and piles. The super-structure consists of load bearing masonry block walls throughout. The roof structure is constructed of open web-framed steel trusses and steel flange beams all supporting the above steel decking and roof membrane. The exterior is finished with brick, stucco and exposed cast-in-place concrete. Doors are typically wood, windows are double glazed and metal framed; both are painted.</p> <p>The total area of the main building is 4818.6 m² consisting of 22 classrooms. The classrooms range in size and have access to natural light.</p> <p>In 2007, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations:</p> <ul style="list-style-type: none"> ▪ Exterior: requires upgrades (refinish exterior finishes, caulking, replace SBS roof system) ▪ Mechanical: systems require life cycle upgrading (install sprinkler system, roof drains, hot water system, etc.) ▪ Electrical: systems require upgrading (starter motors, sub-distribution panels, fluorescent system upgrades, exit signs, etc.) 	
Modernization	
<p>A school modernization is required due to the age and condition of the Kingsland Centre building components, and the need to modernize instructional spaces in order to enhance the learning environment. This facility and site will be adapted to accommodate Chinook Learning Services (south location).</p> <p>The modernization will include partial upgrading of the building envelope, and mechanical/electrical equipment. The scope will also include replacement of worn architectural finishes and fixtures, program space renovations, including a library to learning commons conversion to bring the school into alignment with 21st century learning. Additional project items include building and fire code upgrades, hazardous material abatement and addressing barrier-free accessibility and safety/security concerns. The total project cost is estimated to be \$4.5 million.</p> <p>Details of exact programs that will be accommodated in the latter two facilities are still being evaluated.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-6 Sir Wilfrid Laurier School	
Current and Future Student Accommodation Plan	
<p>Sir Wilfrid Laurier School is located in southeast Calgary in the community of Albert Park/Radisson Heights, which is an established community.</p> <ul style="list-style-type: none"> ▪ Regular Program Sir Wilfrid Laurier School currently accommodates the Regular program for Grades 6-9 students living in Albert Park/Radisson Heights and part of Forest Heights. ▪ System Classes Sir Wilfrid Laurier School accommodates Learning and Literacy classes. ▪ Traditional Learning Centre (TLC) Alternative Program Sir Wilfrid Laurier School and Chris Akkerman School are the designated schools for the Traditional Learning Centre (TLC) alternative program for students residing in Area III. <p>The long-term student accommodation plan for Sir Wilfrid Laurier School is to accommodate students in the Regular and/or Alternative programs. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that enrolment will be at or near capacity.</p>	
Facility Description	
<p>The building was originally completed in 1966 as a masonry building with a brick and stucco exterior. An addition was built in 1983. Upgrades in 1997 replaced the original ceilings with acoustic suspended tile. In 2003, barrier-free renovations were undertaken. The total area of the building is 5,258 m² consisting of 21 classrooms for instruction. The classrooms are slightly smaller than the current standard and have moderate access to natural light. Generally the facility is in reasonable condition. The electrical and mechanical systems require upgrading or replacement. The breakout rooms, library and computer lab were upgraded in the 2006-2007 renovations.</p> <p>In 2011, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations:</p> <ul style="list-style-type: none"> ▪ Roof: will require major maintenance in the next five to ten years ▪ Exterior: requires upgrades (doors, seals, stucco, windows, hardware, etc.) ▪ Interior: requires upgrading (floor tiles, acoustic panels, painting, millwork, flooring, etc.) ▪ Mechanical: systems require upgrading (plumbing fixtures, boilers, HVAC equipment, monitoring systems, etc.) ▪ Electrical: systems require upgrading (secondary panels, motor starters, master clock system, etc.) 	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-6 Sir Wilfrid Laurier School	
Modernization	
<p>The proposed modernization will enhance the teaching spaces and upgrade the school and its aging systems. The modernization includes an upgrade of mechanical systems and all electrical systems (panel upgrades, interior and parking lot lighting, and emergency lighting). All finishes (flooring, ceilings, and painting) will be upgraded or replaced. Envelope upgrades to include roof and door repair and replacement. Washroom and change room upgrades and locker replacement are also part of the modernization.</p> <p>Teaching space upgrades include science, art, and computer rooms, cafeteria kitchen, CTS spaces, and library to learning commons conversion. Millwork, display cases, fixtures, and blinds should be replaced. This modernization will address safety and security concerns with a front entry renovation, stairway, and corridor door hardware upgrades controlling unauthorized access to the school. An estimate cost of the modernization is \$11 million.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-7 Nickle School	
Current and Future Student Accommodation Plan	
<p>Nickle School is located in southeast Calgary in the community of Lake Bonavista, which is an established community.</p> <ul style="list-style-type: none"> ▪ Regular Program Nickle School currently accommodates the Regular program for Grades 5-9 students living in Bonavista Downs and Lake Bonavista and students from the communities of Auburn Bay and Cranston. ▪ System Classes Nickle School currently accommodates Bridges and Learning and Literacy classes. <p>The long-term student accommodation plan for Nickle School is to accommodate students from their home area and students residing in new and developing communities in Area V. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that enrolment will be at or near capacity.</p>	
Facility Description	
<p>The original school building was completed in 1970 with masonry and steel construction. The two additions were built in 1976 and 1985.</p> <p>The total area of the building is 6,951 m² consisting of 26 classrooms plus three portables for instruction. The classrooms range in size and have minimum access to natural light. The mechanical and electrical systems have exceeded their lifecycle expectancy and need upgrading or replacement.</p> <p>In 2007, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations:</p> <ul style="list-style-type: none"> ▪ Replace parts of roof that have not already been replaced ▪ Replace damaged caulking around perimeter ▪ Incorporate barrier-free items where applicable (i.e., automatic door openers) ▪ Mechanical features need upgrading (i.e., hot water tanks, exhaust fans, sprinklers) ▪ Upgrade various electrical various components, i.e., lights, exit signs, etc. 	
Modernization	
<p>A scope for modernization improvements is required due to the age and condition of the building components. The modernization would replace some of mechanical systems and damaged lockers, upgrade electrical system, finishes and millwork, reconfigure internal spaces, and renovate washrooms. The addition of mechanical control system and start/stop automation is recommended. Barrier-free accessibility and exiting would be addressed as well. The scope of this modernization strategy also includes upgrading of all the interior program spaces, and a library to Learning Commons conversion. The total project cost is estimated to be \$12 million.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-8 Altadore School	
Current and Future Student Accommodation Plan	
<p>Altadore School is located in southwest Calgary in the community of Altadore which is in the inner city in Area IV. Altadore School currently accommodates the Regular program for Kindergarten to Grade 6 students living in Altadore which includes Garrison Woods.</p> <p>The long-term student accommodation plan for Altadore School is to accommodate students from Altadore (including Garrison Woods). Garrison Woods is part of the Canada Lands redevelopment of the old Canadian Forces Base (CFB). This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that enrolment will be at or near capacity.</p>	
Facility Description	
<p>The one-storey building was constructed in 1952 with a wood frame on a concrete foundation. The school was renovated in 2002 with new exterior cladding, windows, doors, skylights and roof. A barrier-free washroom was provided in 2002; however, the remainder of the school requires barrier-free renovations. The total area of the building is 2,737 m² consisting of 14 classrooms for instruction. Most of the classrooms are similar to current standards and have good natural light.</p> <p>In 2010, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made this recommendation:</p> <p>Mechanical: systems require upgrading (hot water tanks, boiler, ventilators, etc.)</p>	
Modernization	
<p>The modernization would upgrade the entire mechanical systems: replace hot water tanks, steam boilers, breeching, steam piping, controls, exhaust fans, radiation system, and unit ventilators. Electrical upgrades would consist of cabling and electrical wiring upgrades. The project would also upgrade building code deficiencies with full barrier-free accessibility, and a library to Learning Commons conversion. The total project cost is estimated to be \$9 million.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-9 A.E. Cross School	
Current and Future Student Accommodation Plan	
<p>A.E. Cross School is located in southwest Calgary in the community of Glenbrook, which is an established community.</p> <ul style="list-style-type: none"> ▪ Regular Program A.E. Cross School currently accommodates the Regular program for Grades 7-9 students living in Glenbrook, Glamorgan, Killarney, Glengarry, Lincoln Park, Richmond, CFB Lincoln Park/Garrison Green, and Rutland Park. Students residing in Signal Hill and Springbank Hill are also currently designated to A.E. Cross School for Grades 7-9. ▪ System Classes A.E. Cross School accommodates Paced Learning and Learning and Literacy classes for Area IV students. <p>The long-term student accommodation plan for A.E. Cross School is to accommodate students from their home area and to continue to accommodate students residing in new and developing communities in southwest Calgary. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that enrolment will be at or near capacity. A.E. Cross School currently accommodates the Area IV office.</p>	
Facility Description	
<p>The original building was built in 1961 with a two-storey classroom wing added in 1966. The building has a masonry and steel construction, wood-roof deck with masonry and curtain wall exterior. A modernization took place in 1983. The gross building area is 9,064 m² consisting of 36 classrooms, with the majority of the classrooms being slightly smaller than current standards. The provincial capacity of A.E. Cross School has been set at 1,066 student spaces. The gym, library, and administration space are typical size for a school of this capacity. The ancillary spaces are quite large compared to classroom standards which would account for the higher capacity of the facility's rating.</p> <p>The structure is considered to be in good condition. Many of the classrooms have good natural lighting. The building exterior is finished with low maintenance materials; however, the wood portions of the exterior are in need of maintenance. Floors are generally in good condition with some needing repair.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-9 A.E. Cross School	
Facility Description (cont'd)	
<p>In 2009, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations:</p> <ul style="list-style-type: none"> ▪ Exterior: requires upgrades (stucco, painting, caulking, etc.) ▪ Interior: requires upgrading (some items require repair or replacement) ▪ Mechanical: systems require upgrading (HVAC system, ventilation, etc.) ▪ Electrical: systems require upgrading (expand current circuit system) 	
Modernization	
<p>The modernization will address building envelope deficiencies (e.g., replacement of the curtain wall), mechanical and electrical upgrades (improving thermal comfort, and energy efficiency), and provide additional power and data outlets. The scope will include replacement of old and worn finishes and fixtures (e.g., vinyl-asbestos-tile flooring, wood flooring, and lockers), door and hardware replacement, and washroom upgrades. The modernization will include select program space renovations, library to learning commons conversion, hazardous material abatement, and building code and accessibility upgrades. The proposed project will modernize the whole facility and enhance the teaching environment. The total project cost is estimated to be \$12 million.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-10 Louis Riel School	
Current and Future Student Accommodation Plan	
<p>Louis Riel School is located in southwest Calgary in the community of Oakridge, which is an established suburb.</p> <ul style="list-style-type: none"> ▪ Regular Program and System Special Education – Kindergarten to Grade 9 Louis Riel School currently accommodates the regular program for Kindergarten-Grade 9 students living in Oakridge and Grades 7-9 students residing in Cedarbrae. Louis Riel School is also the designated school for students living on the Tsuu T'ina Nation. ▪ Science Program Louis Riel School accommodates the K-grade 9 Science alternative program for students residing in Area V. <p>This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that enrolment will be at or near capacity.</p>	
Facility Description	
<p>The original two storey building, complete with two gymnasiums, basement and performance space was constructed in 1970. An addition was added to the building in 1975 to provide space for an elementary program. There have been several modernizations to this building since its original construction, including the removal of eight modular units and a classroom renovation in 2010.</p> <p>Overall construction comprises a foundation of grade beams and footing pads. The superstructure consists of both exterior and interior masonry load bearing block complete with cast-in-place reinforced concrete floors. The roof structure is comprised of steel decking and membrane on open webbed steel joists and wide flanged beams.</p> <p>The exterior is a combination red brick, horizontal painted metal siding, stucco, and painted stone. Windows are typically double paned fixed and operable glazed units in aluminium frames. Exterior doors are typical steel framed (with or without glazing), painted.</p> <p>The total area of the main building is 7630.8 m² consisting of 33 classrooms. The classrooms are smaller than standard size. There is a combination of perimeter classrooms which have access to natural light; other rooms are internal space.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-10 Louis Riel School	
Facility Description (cont'd)	
<p>In 2007, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations:</p> <ul style="list-style-type: none"> ▪ Exterior: requires upgrades (repair concrete stairs, re-roof areas as required, repair stucco finish) ▪ Interior: requires upgrades (implement barrier-free items such as bathroom, install elevator, auto door openers) ▪ Mechanical: requires upgrades (repair roof drains, replace original furnaces and cold air condenser) ▪ Electrical: systems require upgrading (upgrade lighting fixtures, replace exit light fixtures and battery packs, etc.) 	
Modernization	
<p>Due to the age and condition of the building components, a modernization will improve functionality, security, safety and will upgrade building infrastructure. There is a need to modernize instructional spaces in order to enhance the learning environment.</p> <p>This modernization will include upgrading of the building envelope, mechanical and electrical systems. It will also replace worn architectural finishes and fixtures. This includes a library to learning commons conversion, bringing the school into alignment with 21st century learning. Additional project items include building and fire code upgrades, hazardous material abatement and addressing barrier-free accessibility including an elevator. The total project cost is estimated to be \$15 million.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-11 Senator Patrick Burns School	
Current and Future Student Accommodation Plan	
<p>Senator Patrick Burns School is located in northwest Calgary in the community of Collingwood, which is an established community.</p> <ul style="list-style-type: none"> ▪ Regular Program Senator Patrick Burns School currently accommodates the Regular program for Grades 7-9 students living in Banff Trail, Charleswood, Collingwood, and Capitol Hill (west of 14 Street). Senator Patrick Burns also accommodates the National Sport Academy. ▪ Spanish Bilingual Program Senator Patrick Burns School currently accommodates Grades 5-9 students for the Spanish Bilingual alternative program for students residing in Areas I to III. <p>The long-term student accommodation plan for Senator Patrick Burns School is to accommodate students in Regular and/or Alternative programs. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that enrolment will be at or near capacity.</p>	
Facility Description	
<p>The two-storey building was constructed in 1961 as a concrete, steel, and masonry structure. An addition in 1966 created an exterior courtyard between the original two U-shaped wings. A renovation in 1999 replaced linoleum and acoustic ceiling tile in five classrooms and the staff lounge. The total area of the building is 7,989 m² consisting of 32 classrooms for instruction. The classrooms are slightly smaller than the current standard and have moderate access to natural light.</p> <p>In 2011, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in overall acceptable condition. The evaluation made the following recommendations:</p> <ul style="list-style-type: none"> ▪ Exterior: requires upgrading (windows, doors, siding) ▪ Interior: requires upgrading (all components) ▪ Mechanical: systems require upgrading (ending lifecycle) ▪ Electrical: requires upgrading (exit signs, panels, transformer, etc.) 	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-11 Senator Patrick Burns School	
Modernization	
<p>Since the evaluation, it has been found that the original curtain wall is in poor condition and the majority of original finishes are showing signs of deterioration. Different preservation projects have since been undertaken and completed. Such projects have included upgrading lockers and the communication systems.</p> <p>The facility requires renovations to such areas as: the visual communication lab, the fashion lab, the music room, CTS spaces, and a library to learning commons conversion. Wiring and data enhancements are required as part of improvements to the electrical systems. Renovations would also be carried out to the mechanical systems. Finishes and millwork throughout the school are aging and in need of replacement. The school would be upgraded to be barrier-free by providing an elevator and related upgrades such as barrier-free accessible washrooms. The original curtain wall exterior cladding is deteriorated and should be replaced. The roof must be replaced. Some site work is also required. The cost estimate for this modernization is \$13 million.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-12 Dr. J.K. Mulloy School	
Current and Future Student Accommodation Plan	
<p>Dr. J.K. Mulloy School is located in northeast Calgary in the community of Huntington Hills which is an established community.</p> <ul style="list-style-type: none"> ▪ Traditional Learning Centre (TLC) Dr. J.K. Mulloy School currently accommodates students living in Area II for the Traditional Learning Centre. The Traditional Learning Centre is an alternative program committed to providing excellent academic program and character education to students who are at or above grade level. <p>The long-term student accommodation plan for Dr. J.K. Mulloy School is to accommodate students in the Traditional Learning Centre alternative program. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that enrolment will be at or near capacity.</p>	
Facility Description	
<p>The two-storey building was constructed in 1969 with pre-cast concrete construction and masonry exterior. The total area of the building is 4,067 m² consisting of 20 classrooms for instruction. Many classrooms do not have access to natural light due primarily to the open area classroom design. Electrically, the fire alarm system is in need of upgrading. The existing lighting system is in fair condition and should be replaced. Computer cabling and dedicated circuits should be added to the classrooms.</p> <p>In 2011, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations:</p> <ul style="list-style-type: none"> ▪ Exterior: requires upgrades (doors, seals, stucco, windows, hardware, etc.) ▪ Interior: requires upgrading (floor tiles, acoustic panels, painting, millwork, carpet flooring, etc.) ▪ Mechanical: systems require upgrading (plumbing fixtures, boilers, HVAC equipment, etc.) ▪ Electrical: systems require upgrading (secondary panels, motor starters, master clock system, light fixtures, public access system, etc.). 	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-12 Dr. J.K. Mulloy School	
Modernization	
<p>The modernization will improve functionality, security, and safety and will upgrade building infrastructure. The modernization includes some mechanical system upgrades, a major electrical systems upgrade (power, interior lighting fixtures, and controls) and envelope upgrades (roof and door). All finishes (flooring, ceilings) and worn fixtures (operable wall between gym and stage) will be replaced. Washroom upgrades and millwork replacement are part of the work.</p> <p>Teaching space upgrades include: adding walls and doors to address acoustic problems, adding electric blinds and acoustic panels, and a library to learning commons conversion. This modernization will address barrier-free issues (handicap washroom) and security concerns (front entry-administration renovation to control access to the school). Replacing gravel with asphalt, adding an exterior stair for safe access downhill will address the safety issues. Replacement of the open garbage containers with closed containers on site is required. An estimate cost of the modernization is \$10 million.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-13 Fairview School	
Current and Future Student Accommodation Plan	
<p>Fairview School is located in southeast Calgary in the community of Fairview, which is an established community in Area V.</p> <ul style="list-style-type: none"> ▪ Traditional Learning Centre (TLC) The Traditional Learning Centre is an alternative program committed to providing excellent academic program and character education to students who are at or above grade level. Fairview School currently accommodates Grades 5-8 students who live in Area V. ▪ French Immersion Program Fairview School currently accommodates Grades 5-9 students for early French Immersion. French Immersion students living in Area V east of Macleod Trail are designated to Fairview School for French Immersion. <p>The long-term student accommodation plan for Fairview School is to accommodate students in alternative programs. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that the school will operate near capacity.</p>	
Facility Description	
<p>The original two storey school building, with multi-levels and partial basement, was completed in 1961. There were two additions constructed in 1967.</p> <p>Its construction comprises concrete grade beams and spread footings, slab on grade, and concrete foundation walls. The super-structure is constructed of steel columns with concrete infill and concrete and masonry block load bearing walls. The roof structure is wood decking on steel joists. The exterior includes masonry brick, stucco, and insulated metal and glazed curtain walls.</p> <p>The total area of the main building is 9,599 m² consisting of 39 classrooms. The classrooms range in size and have access to natural light.</p> <p>In 2009, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations:</p> <ul style="list-style-type: none"> ▪ Mechanical: upgrade furnaces and fans ▪ Electrical: upgrade old components (boards, lighting, duplexes, etc.) 	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-13 Fairview School	
Modernization	
<p>A school modernization is required due to the age and condition of the building components, and the need to modernize instructional spaces in order to enhance the learning environment. The modernization will include upgrading the building envelope, mechanical and electrical equipment. The scope will also include replacement of worn architectural elements (finishes and fixtures), program space renovations, Career and Technology Studies spaces, and a library to learning commons conversion. These modernizations will bring the school into alignment with 21st century learning. Additional project items include building code upgrades, hazardous material abatement and addressing barrier-free accessibility and safety/security concerns. The total project cost is estimated to be \$14 million.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-14 Henry Wise Wood High School	
Current and Future Student Accommodation Plan	
<p>Henry Wise Wood High School is located in southwest Calgary in the community of Kelvin Grove, which is an established community.</p> <ul style="list-style-type: none"> <p>▪ Regular Program</p> <p>Henry Wise Wood High School currently accommodates the Regular program for Grades 10-12 students living in Bayview, Braeside, Cedarbrae, Chinook Park, Eagle Ridge, Haysboro, Kelvin Grove, Kingsland, Oakridge, Palliser, Parkhill, Pump Hill, and Southwood. Students residing in Woodlands and Woodbine currently have the option to attend either Henry Wise Wood High School or Dr. E.P. Scarlett High School. The new and developing community of Mahogany is also designated to Henry Wise Wood High School for Grades 10-12 students. Henry Wise Wood High School currently accommodates the International Baccalaureate (IB) for senior high students residing in Area V.</p> <p>▪ System Classes</p> <p>Henry Wise Wood High School currently accommodates Gifted and Talented, Literacy English and Academic Development, Paced Learning, and ACCESS classes.</p> <p>▪ Traditional Learning Centre (TLC) Alternative Program</p> <p>Henry Wise Wood High School currently accommodates the Traditional Learning Centre alternative program for students residing in Area IV and Area V.</p> <p>The long-term student accommodation plan for Henry Wise Wood High School is to accommodate students residing in Areas IV and V for Regular and TLC programs. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that enrolment will be at or near capacity.</p> 	
Facility Description	
<p>The original building was constructed in 1961 with an open courtyard that was enclosed in 1964 to form a large library, a study and a lunchroom area. The original school structure sits on a combination of both pile and concrete wall foundations. The main floor is concrete slab on grade. The super-structure is constructed of cast-in-place concrete columns, floor, and roof slabs. There are single-storey portions of the super-structure comprised of steel joists and metal decking. The courtyard infill is comprised of steel joists and metal decking. The super-structure is capable of a significantly longer life than the other major components. Minor renovations were made to the building in 1999, upgrading two CTS areas, some science labs, and the home economics area, as well as the drama change rooms. Handicap accessibility in the building has also been addressed.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-14 Henry Wise Wood High School	
Facility Description	
<p>In 2005, upgrades were made to the ceilings in second and third floor classrooms. The total floor area is 15,804 m² and the school has 74 classrooms. The provincial capacity of the school is 1,946 student spaces. The teaching spaces are different sizes and have good natural light.</p> <p>In 2011, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable-to-marginal condition. The evaluation made the following recommendations:</p> <ul style="list-style-type: none"> ▪ Exterior: requires upgrades (curtain walls require replacement, painting, etc.) ▪ Interior: requires upgrading (barrier-free accessibility features, paint, etc.) ▪ Mechanical: systems require upgrading (HVAC system (old), boilers, roof top vent systems, hot water system, etc.) ▪ Electrical: systems require upgrading (security systems, exit signs, receptacles, fixtures in cafeteria, motor starters, main distribution switchgear in school, etc.) <p>The most pressing need identified was the inadequate performance and presentation space for large groups. Space large enough for presentations and medium-sized audiences (100 to 300 persons) is required.</p>	
Modernization	
<p>The scope of the modernization will include developing a multi-purpose presentation and exhibition space, as there is no space within the school where gatherings/meetings for more than 50 students can take place. The scope will include mechanical and electrical upgrades that will address thermal comfort, energy efficiency, provide additional power and data outlets, and building envelope upgrades. The scope will also include upgrading worn finishes and fixtures (e.g., paint, lockers), doors and hardware, replacement and washroom upgrades. Select program space renovation, hazardous material abatement, and building code and barrier-free accessibility upgrades will be part of the modernization. The project proposed will enhance the teaching environment. The total project cost is estimated to be \$20 million.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-15 Colonel Irvine School	
Current and Future Student Accommodation Plan	
<p>Colonel Irvine School</p> <p>Colonel Irvine School is located in northeast Calgary in the community of Highwood, which is an established community in Area II.</p> <ul style="list-style-type: none"> <p>▪ Regular Program</p> <p>Colonel Irvine School currently accommodates Grades 7-9 students living in North Haven, Highwood, Cambrian Heights, Rosemont and Thorncliffe (partial). Colonel Irvine School is the bus receiver school for Grades 7-9 students living in Harvest Hills and Country Hills.</p> <p>▪ System Classes</p> <p>Colonel Irvine School currently accommodates PLP (Paced Learning Program) and TASC (Training in Attitude, Social Skills and Communication) classes.</p> <p>▪ Traditional Learning Centre (TLC)</p> <p>Colonel Irvine School has been identified as a new Traditional Learning Centre for students residing in Area II effective for the 2013-2014 school year. Colonel Irvine School will accommodate Grades 5-8 students. The Traditional Learning Centre is an alternative program committed to providing excellent academic program and character education to students who are at or above grade level.</p> <p>▪ Chinese (Mandarin) Bilingual Program</p> <p>Colonel Irvine School became the location for Grades 7-9 Chinese (Mandarin) Bilingual programming for the 2012-2013 school year. Colonel Irvine accommodates students north of 17th Ave south.</p> <p>The long-term student accommodation plan for Colonel Irvine School is to accommodate students in regular and/or alternative programs. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that the school will operate at or near capacity.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-15 Colonel Irvine School	
Facility Description	
<p>The original single storey facility, with partial basement, was completed in 1957. Two additions were added, first in 1960 (southeast corner) and then in 1968 (southwest corner). Due to the differing topography of the overall site, the north and south wings of the school vary in elevations creating a split level (stepped) structure. Both additions comprise two storeys. The 1968 addition (southwest corner) caps the original U-shaped structure.</p> <p>Due to its multi-levels and dates of construction, construction applications vary. Overall, construction comprises concrete slabs on grade with spread footings, concrete columns and foundation walls (basement and crawl spaces). Floor slabs are suspended on concrete piles or columns. Walls are primarily masonry block. Exterior finishes are brick and stucco. Roofs vary from steel trusses and steel decking to timber joists and wood decking (original structure). Windows are aluminum framed (three panes with hoper-type sections). Older building sections have metal framed windows.</p> <p>The total area of the main building is 8,714.7 m² consisting of 32 classrooms. The classrooms range in size and have access to natural light.</p> <p>In 2009, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations:</p> <ul style="list-style-type: none"> ▪ Exterior: roof requires lifecycle replacement and additional roofing drains ▪ Interior: spaces require upgrading (new fire rated doors and barrier-free accessibility features, etc.) ▪ Mechanical: systems require life cycle upgrading (HVAC system, boilers, hot water system, etc.) ▪ Electrical: systems require upgrading (light fixtures, etc) 	
Modernization	
<p>A school modernization is required due to the age and condition of the building components, and the need to modernize instructional spaces in order to enhance the learning environment. The modernization will include upgrading the building envelope, mechanical and electrical equipment. The scope will also include replacement of worn architectural finishes and fixtures, program space renovations, including a library to learning commons conversion, to bring the school into alignment with 21st century learning. Additional project items include building and fire code upgrades, hazardous material abatement and addressing barrier-free accessibility and safety/security concerns. The total project cost is estimated to be \$12 million.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-16 Robert Warren School	
Current and Future Student Accommodation Plan	
<p>Robert Warren School</p> <p>Robert Warren School is located in southwest Calgary in the community of Canyon Meadows, which is an established community in Area V.</p> <ul style="list-style-type: none"> ▪ Regular Program <p>Robert Warren School currently only accommodates Grade 9 students in the Regular program as a staged closure was implemented in September 2011. The staged closure allows students to finish their junior high program at Robert Warren School. Effective June 30, 2013, Robert Warren School will no longer accommodate students in the regular program.</p> ▪ Spanish Bilingual Program <p>Robert Warren School currently accommodates Grades 5-9 Area V students in the Spanish Bilingual program.</p> <p>The long-term student accommodation plan for Robert Warren School is to accommodate students in the Spanish Bilingual program. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that the school will operate at or near capacity.</p>	
Facility Description	
<p>The one-storey building was completed in 1974 with masonry and steel construction. The addition was built in 1991 with barrier-free access. The building was partially renovated in 1999. As of October 2008, four new relocatable units were located on the school site, replacing the previous five outdated units. The total area of the building is 4,711 m² consisting of 20 classrooms (including the four new relocatables) for instruction. The classrooms are smaller than the current standard and internal ones do not have access to natural light. The layout of the main office creates security concerns.</p> <p>In 2007, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations:</p> <ul style="list-style-type: none"> ▪ Structural: replace caulking of exterior of building ▪ Exterior: incorporate barrier-free items where applicable (automatic door openers, etc.) ▪ Mechanical: upgrade pneumatic controls and extend sprinkler system ▪ Electrical: upgrade components (i.e., exit signs and sub-distribution panels) 	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-16 Robert Warren School	
Modernization	
<p>The school's modernization strategy was divided into two phases with the first phase being completed in 2009 for a total cost of \$1.4 million. The first phase addressed the removal of five obsolete portables, replacing them with four new relocatable units. This construction included a connecting corridor, complete with lockers and a barrier-free ramp-way into the new units. The administration area was improved, the library was expanded, and safety modifications were also incorporated.</p> <p>When the remaining funds become available, Phase II of the modernization will complete the rest of the overall upgrading of the school and its aging systems. Work will include a full upgrade of the electrical and mechanical systems (heating and cooling systems, electrical systems, all lighting and emergency lighting). All finishes (flooring, ceilings, and painting) will be upgraded or replaced. A library to learning commons conversion will be included. Envelope upgrades include roof and door repair and upgrades. Washroom and change room upgrades as well as locker replacements are also part of the modernization. The project costs of Phase II are projected at \$5 million.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-17 Sir John Franklin School	
Current and Future Student Accommodation Plan	
<p>Sir John Franklin School is located in northeast Calgary in the community of Mayland Heights which is an established community in Area II.</p> <ul style="list-style-type: none"> ▪ Arts-Centred Learning Sir John Franklin School currently accommodates Grade 5 to Grade 9 students in the Arts-Centered Learning alternative program. Sir John Franklin School is the designated Arts-Centred Learning school for students in Areas I/II/III. ▪ System Classes Sir John Franklin School currently accommodates three system classes: ACCESS, AIM, CSSI. <p>The long-term student accommodation plan for Sir John Franklin School is to accommodate students residing in the north who wish to attend an Arts-Centred Learning program. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that the school will operate near capacity.</p>	
Facility Description	
<p>The two-storey building was constructed in 1965 with cast-in-place concrete footings and foundational walls. The basement area is concrete footings and walls as well. The superstructure comprises slab concrete floors, complete with concrete block walls and suspended 2nd floor concrete slab. The gymnasium is concrete slab with steel superstructure. The roof structure consists of steel decking and membrane. Some roof areas (industrial shop) are still wood decking on steel structure. Building is clad in brick, stucco, and pre-finished metal siding. Many classrooms have access to natural light. The total area of the building is 5,617m² consisting of 25 classrooms for instruction.</p> <p>In 2011, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations:</p> <ul style="list-style-type: none"> ▪ Exterior: requires upgrades (walls showing deterioration and water damage, repair seals in concrete joints throughout, etc.) ▪ Interior: requires upgrading (main entrance, barrier-free codes, repair water damage) ▪ Mechanical: systems require upgrading (plumbing fixtures, boilers, BMCS equipment, etc.) ▪ Electrical: systems require upgrading (main and secondary panels, receptacles, light fixtures, fire alarms, etc.) 	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-17 Sir John Franklin School	
Modernization	
<p>The modernization will improve functionality, security, and safety and will upgrade building infrastructure. The modernization includes upgrades of mechanical and electrical systems upgrade and envelope upgrades (roof, windows, doors, walls, and foundation repair). All worn finishes (flooring, ceilings, and paint) and worn fixtures will be replaced. Washroom upgrades and millwork replacement are part of the work.</p> <p>Instructional space upgrades are part of the modernization including a library to learning commons conversion and CTS upgrades. This modernization will address acoustic, barrier-free accessibility issues and security concerns and site drainage issues.</p> <p>An estimate cost of the modernization is \$12 million.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-18 Woodman School	
Current and Future Student Accommodation Plan	
<p>Woodman School is located in southwest Calgary in the community of Haysboro, which is an established community. Woodman School currently accommodates Grades 7-9 students living in Haysboro, part of Southwood, Chinook Park, Eagle Ridge, Kelvin Grove and Kingsland. Woodman School is the bus receiver school for Grades 7-9 students living in Woodlands, Woodbine and Walden. Woodman School is also the bus receiver school for Grades 5-9 students living in Evergreen.</p> <p>The long-term student accommodation plan for Woodman School is to accommodate students in the Regular program.</p>	
Facility Description	
<p>The original building was constructed in 1960 with wood framing and a stucco and masonry exterior. An addition was completed in 1968 with a masonry and steel construction exterior and is capable of a longer life than other major components. A renovation was completed in 2003, including a barrier-free upgrade consisting of an elevator, handicap lift, and washroom renovation. The facility is in reasonable condition for its age; however, finishes and furnishings have become dated and are showing wear. Windows have been replaced and the roof was replaced approximately four years ago.</p> <p>The gross building area is 8,744 m² consisting of 34 classrooms. Most of the teaching spaces are sized to current standards and have good natural light. The gym, by Alberta Education standards, is small for a junior high school of this capacity. The school has an efficient layout, but allows little real flexibility in the use of the building. Internal reconfiguration of spaces would be required to better address the needs of junior high students.</p> <p>In 2008, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in good condition. The evaluation made the following recommendations:</p> <ul style="list-style-type: none"> ▪ Exterior: requires upgrades (barrier-free accessibility ramp features, replacement of windows and doors, painting, etc.) ▪ Interior: requires lifecycle upgrading (doors, hardware, shower stalls, etc.) ▪ Mechanical: systems require upgrading (most mechanical systems are past lifecycle) ▪ Electrical: systems require upgrading (many components are past lifecycle, but still functional) 	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-18 Woodman School	
Modernization	
<p>A school modernization is required due to the age and condition of the building components. The modernization of instructional spaces will enhance the facility's learning environment. This will include upgrading the building envelope, and the mechanical and electrical equipment. The scope will also include replacement of worn architectural elements (finishes and fixtures), program space renovations, and a library to learning commons conversion. This will bring the school into alignment with 21st century learning. Additional project items include building code upgrades, hazardous material abatement, barrier-free accessibility, and safety/security concerns. The total project cost is estimated to be \$14 million.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-19 Sir John A. Macdonald School	
Current and Future Student Accommodation Plan	
<p>Sir John A. Macdonald School is located in north-central Calgary in the community of Huntington Hills, which is an established community.</p> <ul style="list-style-type: none"> ▪ Regular Program Sir John A. Macdonald School currently accommodates Grades 7-9 students living in Greenview (north of McKnight Boulevard), Huntington Hills, Beddington and Thorncliffe. ▪ System Classes Sir John A. Macdonald School currently accommodates Paced Learning (PLP) and Learning and Literacy (L&L) classes. <p>The long-term student accommodation plan for Sir John A. Macdonald School is to accommodate students in the Regular program. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that enrolment will be at or near capacity.</p>	
Facility Description	
<p>The facility was originally built in 1966 as a masonry building with a mixed material exterior. An addition, completed in 1970, increased the building area by a total of 50%. Four relocatables were added in the fall of 2007 to accommodate growth pressures. The school is exhibiting age-related deficiencies in finishes, mechanical, and electrical systems. Upgrades to building systems and finishes, including window replacement, are needed to restore this well-used building to feasible condition.</p> <p>The gross building area is 7,814 m² consisting of 32 classrooms, with a provincial capacity of 905 student spaces. Most of the teaching spaces are smaller than current standards; however, most have good natural light. The gym is small, by Alberta Education standards, for a junior high school of this capacity. The school has Career and Technology labs (for graphics, construction, information processing, and foods and fashion), as well as fine and performing arts (music, drama, art, and French).</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-19 Sir John A. Macdonald School	
Facility Description	
<p>In 2011, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations:</p> <ul style="list-style-type: none"> ▪ Exterior: requires lifecycle upgrades (painting, caulking, etc.) ▪ Interior: spaces require upgrading (main entranceway, barrier-free accessibility features, etc.) ▪ Mechanical: systems require upgrading (HVAC system, boilers, hot water system, etc.) ▪ Electrical: systems require upgrading (switchboard, motor starters, emergency battery packs, etc.) 	
Modernization	
<p>A school modernization is required due to the age and condition of the building components. This will modernize instructional spaces, enhancing the learning environment. The modernization will include upgrading the building envelope and mechanical and electrical equipment. The scope will also include replacement of worn architectural finishes and fixtures (e.g., flooring, paint, and lockers), program space renovation, including a library to learning commons conversion to bring the school into alignment with 21st century learning. Additional project items include building code upgrades, hazardous material abatement and addressing barrier-free accessibility and safety/security concerns. The total project cost is estimated to be \$12 million.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-20 Thomas B. Riley School	
Current and Future Student Accommodation Plan	
<p>Thomas B. Riley School is located in northwest Calgary in the community of Bowness, which is an established community.</p> <ul style="list-style-type: none"> ▪ Regular Program Thomas B. Riley School currently accommodates the Regular program for Grades 7-9 students living in Bowness and Greenwood/Greenbriar and students from the communities of Valley Ridge and Crestmont. ▪ System Classes Thomas B. Riley School accommodates Paced Learning and Adapted Learning classes. ▪ German Bilingual Program Thomas B. Riley School is the designated school for junior high students for the German bilingual program residing in the CBE boundary. This program will close as of June 30, 2013. ▪ Traditional Learning Centre (TLC) Alternative Program Thomas B. Riley School and Brentwood School are the designated schools for the Traditional Learning Centre alternative program for Kindergarten to Grade 8 students residing in Area I. Brentwood School accommodates K-4 students and Grades 5-8 students are accommodated at Thomas B. Riley School. <p>The long-term student accommodation plan for Thomas B. Riley School is to accommodate students residing in the northwest quadrant of Calgary for Regular and Alternative programs. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that enrolment will be at or near capacity.</p>	
Facility Description	
<p>The facility is a split two-storey building comprised of load-bearing masonry and steel and was originally constructed in 1967. Both a modernization and an addition to the school were completed in 1985. The modernization upgraded the industrial arts shop, administration, library, and second floor ancillary rooms. The total area of the building is 6,188 m² consisting of 22 classrooms for instruction. Most of the classrooms are smaller than the current standard (80 m²) with good natural light.</p> <p>In 2011, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-20 Thomas B. Riley School	
Facility Description	
<p>The evaluation made the following recommendations:</p> <ul style="list-style-type: none"> ▪ Interior: spaces require upgrading (i.e., wood flooring, repainting of concrete flooring, etc.); Interior fire-stopping requires life cycle repairs ▪ Mechanical: many components require life cycle upgrading and repairs (i.e., replace lab sinks, etc.) ▪ Electrical: systems are aging and require lifecycle upgrading and recertification of components. 	
Modernization	
<p>A school modernization is required due to the age and condition of the building components, and the need to modernize instructional spaces in order to enhance the learning environment. The modernization will include upgrading the building envelope, mechanical and electrical equipment. The scope will also include replacement of worn architectural elements (finishes and fixtures), program space renovations, such as: Career and Technology Studies spaces, library to learning commons conversion, and performing arts areas. These modernizations will bring the school into alignment with 21st century learning. Additional project items include building code upgrades, hazardous material abatement and addressing barrier-free accessibility and safety/security concerns. The total project cost is estimated to be \$11 million.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-21 Sherwood School	
Current and Future Student Accommodation Plan	
<p>Sherwood School is located in southeast Calgary in the community of Ogden, which is an established community in Area IV.</p> <ul style="list-style-type: none"> ▪ Regular Program Sherwood School currently accommodates Grades 5-9 students living in Ogden. Sherwood School is also the bus receiver school for Grades 7-9 students living in Riverbend and Mahogany. ▪ System Classes Sherwood School currently accommodates a Bridges class and a Hull Outreach class for Behavioural/Emotional students. <p>The long-term student accommodation plan for Sherwood School is to accommodate students in the Regular program. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that the school will operate near capacity.</p>	
Facility Description	
<p>The original one storey school building, with partial basement and small second storey, was completed in 1956. Two additions were constructed in both 1959 and 1966. A gymnasium was constructed in 1980, as well as other renovations.</p> <p>Its construction comprises cast in place strip footings, slab on grade, and load bearing masonry interior and exterior walls. The second storey is constructed from wood beams, columns, and joists. The gymnasium is a combination of steel decking with concrete topping and supportive steel structure. The exterior is a combination of painted stucco, brick, and prefinished metal siding. Windows are aluminum framed glazing and steel doors.</p> <p>The total area of the building is 8205 m² consisting of 30 classrooms. The classrooms range in size and have access to natural light.</p> <p>In 2011, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations:</p> <ul style="list-style-type: none"> ▪ Exterior: general aging and neglect – sighting required upgrading. ▪ Interior: improve barrier-free accessibility 	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-21 Sherwood School	
Modernization	
<p>A school modernization is required due to the age and condition of the building components, and the need to modernize instructional spaces in order to enhance the learning environment. The modernization will include upgrading the building envelope, mechanical and electrical equipment. The scope will also include replacement of worn architectural finishes and fixtures, program space renovations, including a library to learning commons conversion, to bring the school into alignment with 21st century learning. Additional project items include building and fire code upgrades, hazardous material abatement and addressing barrier-free accessibility and safety/security concerns. The total project cost is estimated to be \$15 million.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-22 Ernest Morrow School	
Current and Future Student Accommodation Plan	
<p>Ernest Morrow School is located in southeast Calgary in the community of Forest Heights which is an established community in Area III</p> <ul style="list-style-type: none"> ▪ Regular Program Ernest Morrow School currently accommodates the regular program for Grades 7-9 students living in Applewood, Forest Heights, Forest Lawn, Penbrooke Meadows and the area north of 17 Ave. S.E. and east of 52 St. S.E. ▪ System Classes Ernest Morrow School currently accommodates students in LEAD and Paced Learning Program classes. <p>The long-term student accommodation plan for Ernest Morrow is to accommodate students from the home area in the regular program. This school has been identified as one that is required by the CBE to accommodate students into the future.</p>	
Facility Description	
<p>The single-storey building was originally constructed in two parts, linked via a corridor. The first part was constructed in 1964, the second in 1966, and the corridor in 1976. The foundation consists of slab-on-grade floors on strip footings. The superstructure comprises concrete block walls and suspended concrete floors over the gymnasium. The roof structure consists of glulam beams complete with a bituminous membrane (SBS) system. The building is clad in brick and pre-finished metal siding. Many classrooms have access to natural light. The total area of the building is 8,120m² consisting of 67 classrooms for instruction.</p> <p>In 2011, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations:</p> <ul style="list-style-type: none"> ▪ Exterior: requires upgrades (painting, roof maintenance, etc.) ▪ Interior: requires upgrading (concrete floors in boiler room, barrier free features) ▪ Mechanical: systems require upgrading (chimney, roof drains, dampers, exhaust fans, etc.) ▪ Electrical: systems require upgrading (light fixtures, emergency lighting system) 	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-22 Ernest Morrow School	
Modernization	
<p>The modernization will improve functionality, security, and safety and will upgrade building infrastructure. The modernization includes upgrades of major mechanical and minor electrical systems upgrade and envelope upgrades (roof, windows and foundation repair). All worn finishes (flooring, ceilings, and paint) and worn fixtures will be replaced. Washroom upgrades and millwork replacement are part of the work.</p> <p>Instructional space upgrades are part of the modernization including a library to learning commons conversion and CTS upgrades. This modernization will address acoustic, barrier-free accessibility issues and security concerns. Site circulation/parking issues need to be addressed to ensure safety of staff and students accessing the site.</p> <p>An estimate cost of the modernization is \$12 million.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-23 Rosedale School	
Current and Future Student Accommodation Plan	
<p>Rosedale School is located in northwest Calgary in the community of Rosedale which is an established community in Area II.</p> <ul style="list-style-type: none"> ▪ Regular Program Rosedale School currently accommodates Kindergarten to Grade 9 students in the Regular program. Rosedale School is the designated school for students in Rosedale and Crescent Heights. <p>The long-term student accommodation plan for Rosedale School is to accommodate students residing in the home area who wish to attend a regular program. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that the school will operate near capacity.</p>	
Facility Description	
<p>The single-storey building was constructed in 1955 complete with concrete footings and foundational walls. Parts of the basement area comprise timber and concrete columns in addition to concrete block. The superstructure comprises slab-on-grade floors, complete with both concrete block (interior) and wood framed (exterior) walls. The roof structure consists of a built-up-roof (BUR) system. The building is clad in brick and stucco, pre-finished metal flashing, with cladding below windows. Many classrooms have access to natural light. The total area of the building is 2,278m² consisting of 9 classrooms for instruction.</p> <p>In 2010, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations:</p> <ul style="list-style-type: none"> ▪ Exterior: requires upgrades (wood siding, roof replacement, etc.) ▪ Interior: requires upgrading (replace paneling and ceiling tiles as per fire code) ▪ Electrical: systems require upgrading (light fixtures, panel boards). 	
Modernization	
<p>The modernization will improve functionality, security, and safety and will upgrade building infrastructure. The modernization includes upgrades of all mechanical systems, electrical systems upgrade and envelope upgrades (roof, windows, doors and walls). All worn finishes (flooring, ceilings, and paint) and worn fixtures will be replaced. Washroom upgrades and millwork replacement are part of the work.</p> <p>Instructional space upgrades are part of the modernization including a library to learning commons conversion. This modernization will address acoustic, barrier-free accessibility issues and security concerns.</p> <p>An estimate cost of the modernization is \$8 million.</p>	

6.0	2015-2018 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-24 Simon Fraser School	
Current and Future Student Accommodation Plan	
<p>Simon Fraser School is located in northwest Calgary in the community of Brentwood, which is an established community in Area I.</p> <ul style="list-style-type: none"> ▪ Regular Program Simon Fraser School currently accommodates Grades 7-9 students living in Brentwood and Charleswood (partial). Simon Fraser School is the bus receiver school for Grades 7-9 students living in MacEwan Glen, Sandstone Valley and Country Hills (south of the golf course). Simon Fraser School is the bus receiver school for Grades 5-9 students living in Rocky Ridge and Royal Oak. ▪ System Classes Simon Fraser School currently accommodates two Learning and Literacy classes. <p>The long-term student accommodation plan for Simon Fraser School is to accommodate students in the regular program. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that the school will operate at or near capacity.</p>	
Facility Description	
<p>The original two-storey school building, with partial basement, was completed in 1964. Its construction comprises masonry block, as well as combination of both cast and poured-in-place concrete with reinforced steel (for foundations, main floor slab, and grade beams). The exterior consists of brick cladding and concrete facades with cased awning windows. An elevator and stair lift were added to the facility in 2005 to increase barrier-free accessibility.</p> <p>The total area of the building is 5,627 m² consisting of 28 classrooms plus four portables for instruction. The classrooms range in size and have access to natural light.</p> <p>In 2009, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations:</p> <ul style="list-style-type: none"> ▪ Structural: monitor suspension rods supporting precast canopy – east elevation ▪ Exterior: sealant of all windows, doors, and cladding; replace old doors ▪ Interior: replace ceiling tiles, continue to improve barrier-free accessibility ▪ Mechanical: upgrade old fixtures, etc. ▪ Electrical: upgrade old components (boards, lighting, energy efficient items) 	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-24 Simon Fraser School	
Modernization	
<p>The scope of the modernization will include developing a multi-purpose presentation and exhibition space, as there is no space within the school where gatherings/meetings for more than 50 students can take place. The scope will include mechanical and electrical upgrades that will address thermal comfort, energy efficiency, provide additional power and data outlets, and building envelope upgrades. The scope will also include upgrading worn interior finishes and fixtures (e.g., paint, lockers), doors and hardware, replacement and washroom upgrades. There will be select program space renovations, a library to learning commons conversion, hazardous material abatement, and building code and barrier-free accessibility upgrades. Additionally, the main entry located below street level would be upgraded. The project proposed will enhance the teaching environment. The total project cost is estimated to be \$13 million.</p>	

Capacity and Utilization

There are Sectors associated with each Area that provide for smaller units of analysis.

Table 1: Capacity for K-9 by Residence (%)

K-9 Students by Residence 2013-2014				
Area	Sector	Elementary/Junior High Students	Elementary/Junior High Capacity	% Utilization
AREA I	Sector 1	5,576	7,095	78.59%
	Sector 2	8,162	8,121	100.50%
TOTAL		13,738	15,216	90.29%
AREA II	Sector 3	4,234	13,569	31.20%
	Sector 4	10,953	8,995	121.77%
TOTAL		15,187	22,564	67.31%
AREA III	Sector 5	18,734	20,795	90.09%
TOTAL		18,734	20,795	90.09%
AREA IV	Sector 6	7,449	8,932	83.40%
	Sector 7	4,313	6,706	64.32%
TOTAL		11,762	15,638	75.21%
AREA V	Sector 8	7,520	17,149	43.85%
	Sector 9	13,616	9,076	150.02%
TOTAL		21,136	26,225	80.59%
GRAND TOTAL		80,557	100,438	80.21%

Notes:

- Student numbers are based on ArcView data as at September 30, 2013 (K@FTE to Grade 9).
- Capacity as per Alberta Infrastructure's ACU Report dated March 19, 2013, assuming exemptions.
- Under-utilized and over-utilized are shown on Map 7.

**Area & Sector Utilization Rates by Residence
K-9**

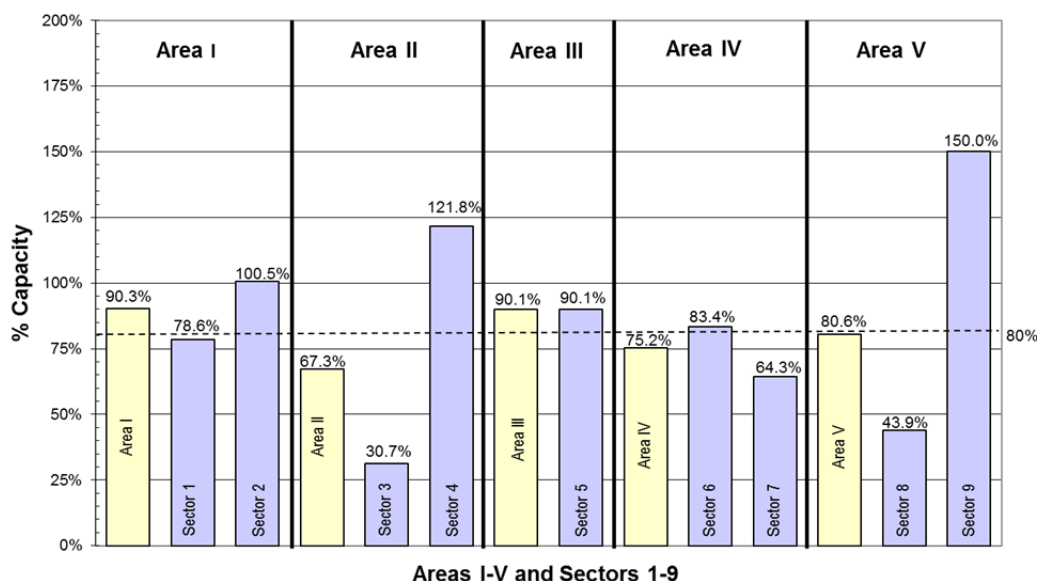


Table 2: Capacity by Residence Senior High (%)

Senior High (Gr. 10-12) Students by Residence 2013-2014				
Area	Sector	Senior High Students	Senior High Capacity	% Utilization
AREA I	Sector 1	1,887	1,525	123.74%
	Sector 2	3,581	3,595	99.61%
Total		5,468	5,120	106.80%
AREA II	Sector 3	1,464	6,080	24.08%
	Sector 4	3,398	1,300	261.38%
Total		4,862	7,380	65.88%
AREA III	Sector 5	7,064	4,816	146.68%
Total		7,064	4,816	146.68%
AREA IV	Sector 6	3,111	1,778	174.97%
	Sector 7	1,930	4,145	46.56%
Total		5,041	5,923	85.11%
AREA V	Sector 8	3,173	5,801	54.70%
	Sector 9	4,642	1,807	256.89%
Total		7,815	7,608	102.72%
Grand Total		30,250	30,847	98.06%

Notes:

- Student numbers are based on ArcView data as at September 30, 2013
- Capacity as per Alberta Infrastructure's ACU Report dated March 19, 2013, assuming exemptions.
- Under-utilized and over-utilized are shown on **Map 8**.

Senior High Area Utilization Rates by Residence

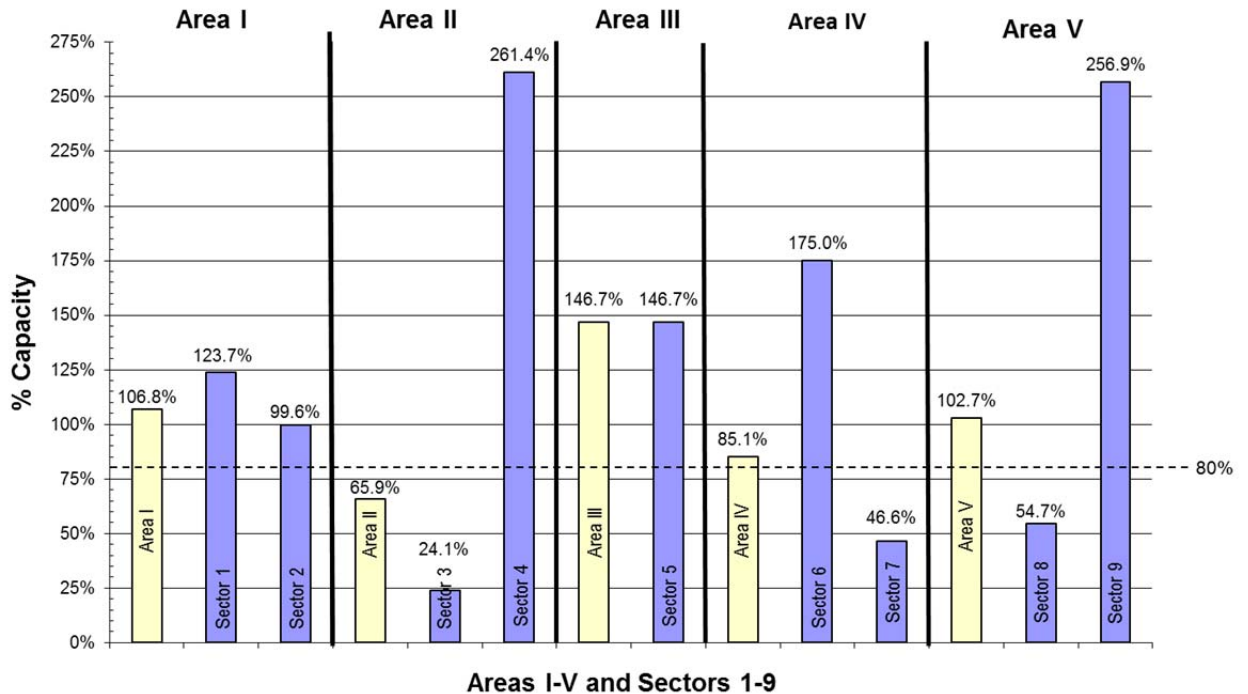


Table 3: % Capacity for K-9 by Enrolment

K-9 Students by Enrolment 2013-2014				
Area	Sector	Elementary/Junior High Students	Elementary/Junior High Capacity	% Utilization
AREA I	Sector 1	4,674	7,095	65.88%
	Sector 2	7,654	8,121	94.25%
Total		12,328	15,216	81.02%
AREA II	Sector 3	10,561	13,569	77.83%
	Sector 4	7,798	8,995	86.69%
Total		18,359	22,564	81.36%
AREA III	Sector 5	16,502	20,795	79.36%
Total		16,502	20,795	79.36%
AREA IV	Sector 6	7,428	8,932	83.16%
	Sector 7	4,406	6,706	65.70%
Total		11,834	15,638	75.67%
AREA V	Sector 8	12,758	17,149	74.40%
	Sector 9	8,289	9,076	91.33%
Total		21,047	26,225	80.26%
Grand Total		80,070	100,438	79.72%

Notes:

- Student numbers are based on ArcView data as at September 30, 2013 (K@FTE to Grade 9).
- Capacity as per Alberta Infrastructure's ACU Report dated March 19, 2013, assuming exemptions.

**Area & Sector Utilization Rates by Enrolment
K-9**

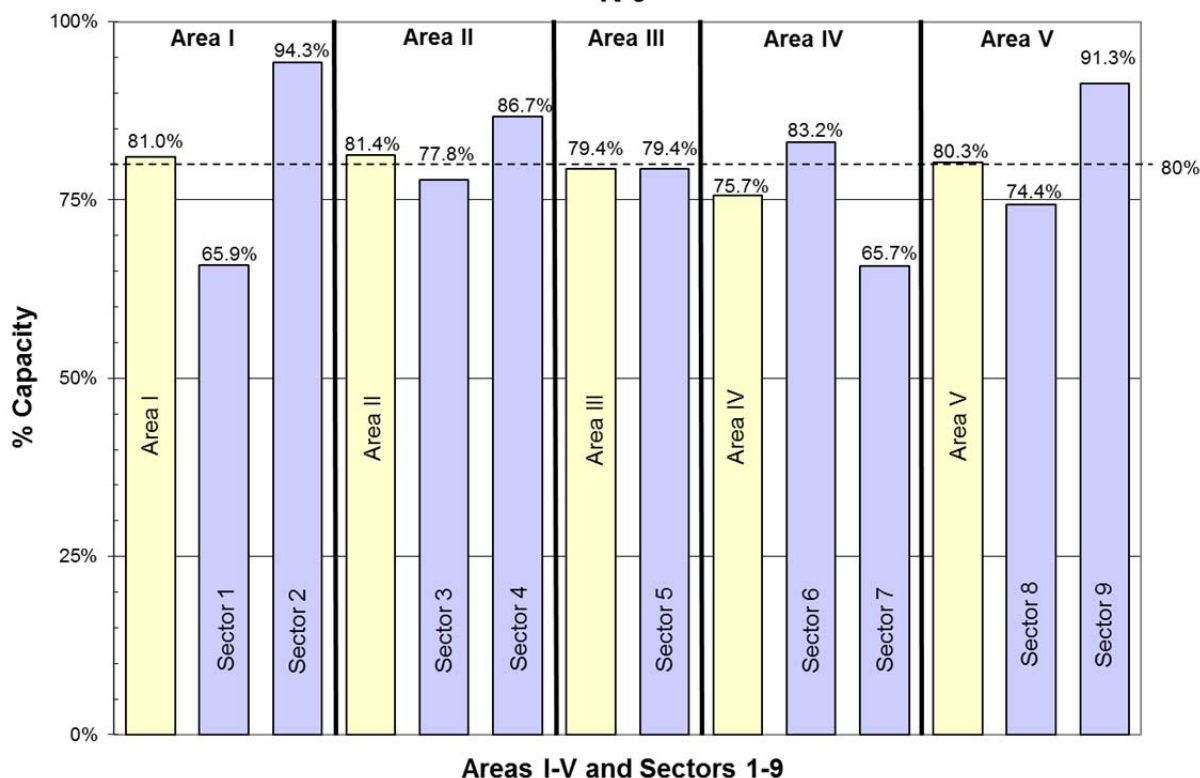


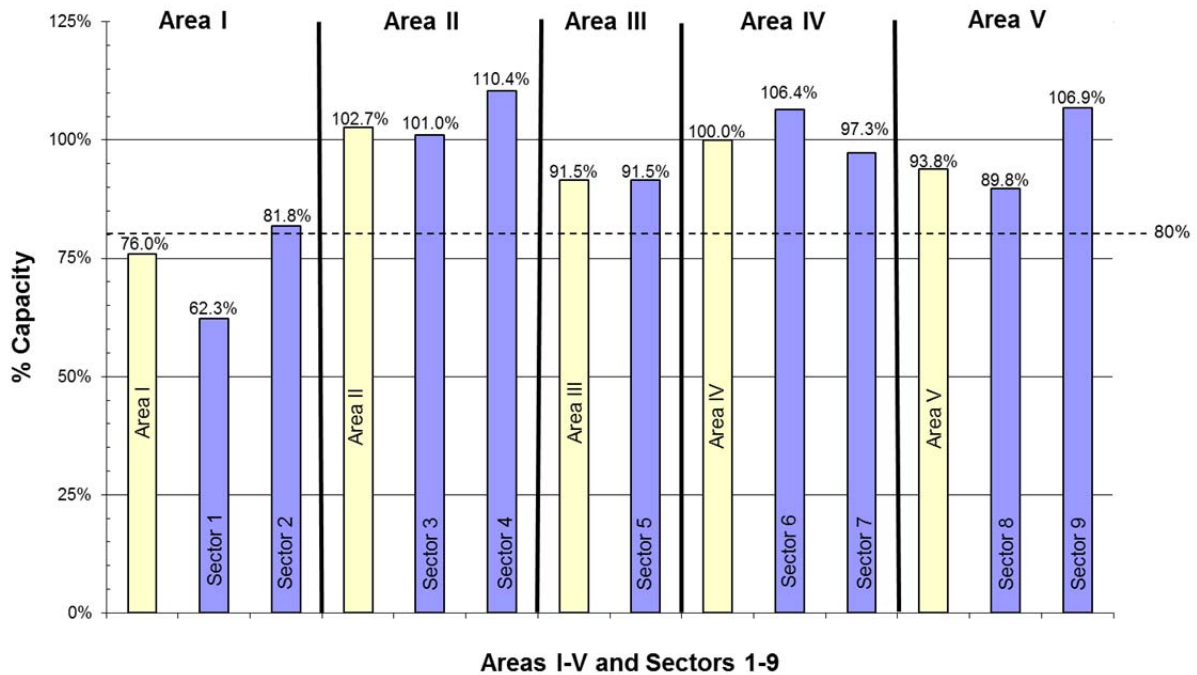
Table 4: % Capacity by Enrolment – Senior High

Senior High (Gr. 10-12) Students by Enrolment 2013-2014				
Area	Sector	Senior High Students	Senior High Capacity	% Utilization
AREA I	Sector 1	950	1,525	62.30%
	Sector 2	2,940	3,595	81.78%
Total		3,890	5,120	75.98%
AREA II	Sector 3	6,143	6,080	101.04%
	Sector 4	1,435	1,300	110.38%
Total		7,578	7,380	102.68%
AREA III	Sector 5	4,408	4,816	91.53%
Total		4,408	4,816	91.53%
AREA IV	Sector 6	1,891	1,778	106.36%
	Sector 7	4,031	4,145	97.25%
Total		5,922	5,923	99.98%
AREA V	Sector 8	5,207	5,801	89.76%
	Sector 9	1,931	1,807	106.86%
Total		7,138	7,608	93.82%
Grand Total		28,936	30,847	93.80%

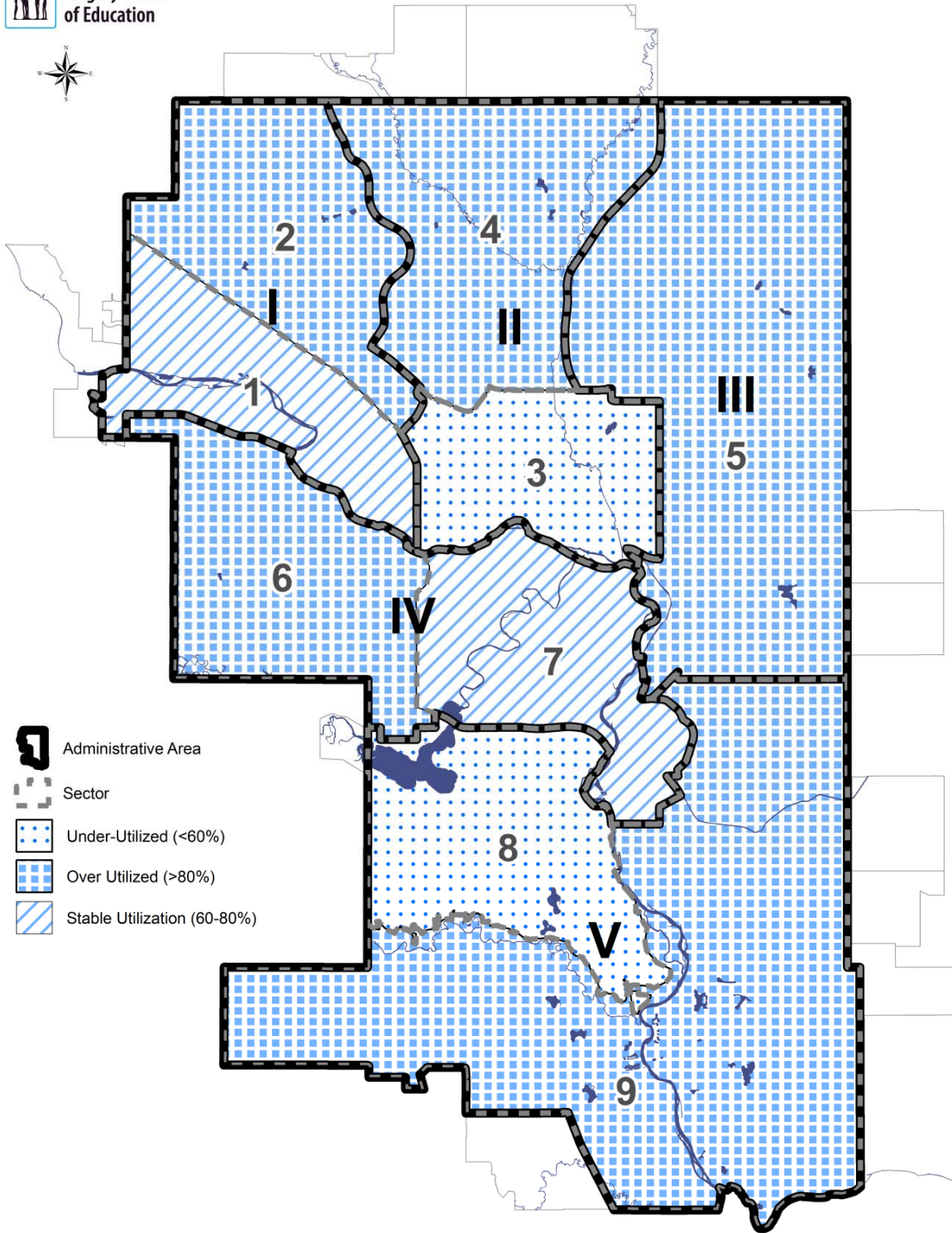
Notes:

- Student numbers are based on ArcView data as at September 30, 2013
- Capacity as per Alberta Infrastructure's ACU Report dated March 19, 2013, assuming exemptions.

**Area Utilization Rates by Enrolment
Senior High**

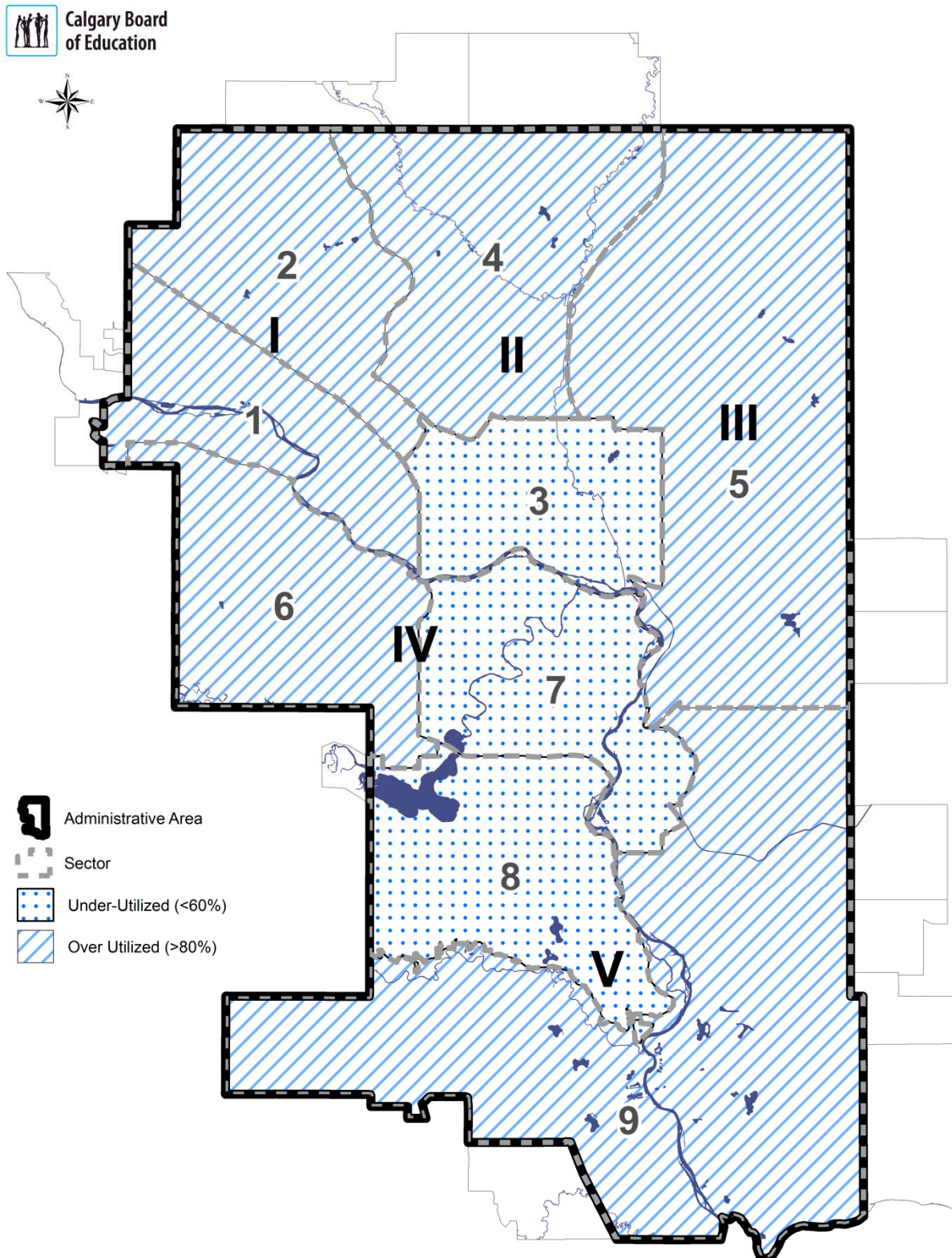


Sector Utilization by Residence for Kindergarten to Grade 9



Prepared by: Planning & Transportation
January 2014
Map: K-9 Sector Utilization.mxd

Sector Utilization by Residence for Grades 10-12



Prepared by: Planning & Transportation
January 2014
Map: 10-12 Sector Utilization.mxd

Modernization Information

Rank	Modernization	Area	Grade	Points
1	Lord Beaverbrook High School	V	Grades 10-12	455
2	James Fowler High School	II	Grades 10-12	450
3	Forest Lawn High School	III	Grades 10-12	450
4	John Diefenbaker High School	II	Grades 10-12	435
5	Kingsland Centre	V	Grades 10-12	425
6	Sir Wilfrid Laurier School	III	Grades 5-9	420
7	Nickle School	V	Grades 5-9	405
8	Altadore School	IV	Grades K-6	405
9	A.E. Cross School	IV	Grades 7-9	400
10	Louis Riel School	V	Grades K-9	400
11	Senator Patrick Burns School	II	Grades 5-9	400
12	Dr. J.K. Mulloy School	II	Grades K-6	385
13	Fairview School	V	Grades 5-9	385
14	Henry Wise Wood High School	V	Grades 9-12	380
15	Colonel Irvine School	II	Grades 7-9	380
16	Robert Warren School	V	Grades 5-9	375
17	Sir John Franklin School	II	Grades 5-9	375
18	Woodman School	V	Grades 5-9	370
19	Sir John A. Macdonald School	II	Grades 7-9	365
20	Thomas B. Riley School	I	Grades 5-9	360
21	Sherwood School	IV	Grades 5-9	355
22	Ernest Morrow School	III	Grades 7-9	350
23	Rosedale School	II	Grades K-9	350
24	Simon Fraser School	I	Grades 5-9	350
25	Elboya School	IV	Grades K-9	350
26	Briar Hill School	II	Grades 1-6	325
27	Annie Foote School	III	Grades K-6	320
28	Sundance School	V	Grades K-6	320
29	Bob Edwards School	III	Grades 7-9	310
30	Collingwood School	II	Grades K-6	305

Key factors that are evaluated to determine priorities are:

- Role of the school and accommodation plans (30% weighting)
- Enrolment, utilization rates, and enrolment projections (25% weighting)
- Site features and location (5% weighting)
- Facility condition (20% weighting)
- Ability to upgrade the facility (20% weighting)
- The top 24 priorities are in the Three-Year School Capital Plan 2015-2018

Maximum points = 500

Community Ranking for New Schools

Community	Points	Rank	Area	Sector	Grade
West Springs/Cougar Ridge Middle	95	1	IV	6	GR5-9
Saddle Ridge Elementary ⁽²⁾	95	2	III	5	K-4
Cranston Middle	95	3	V	9	GR5-9
Aspen Woods Elementary	85	4	IV	6	K-4
Martindale Elementary ⁽²⁾	85	5	III	5	K-4
Springbank Hill Elementary**	75	6	IV	6	K-4
Silverado Elementary	75	7	V	9	K-4
Evanston Middle	75	8	II	4	GR5-9
Springbank Hill/Discovery Ridge Middle**	70	9	IV	6	GR5-9
Country Hills/Harvest Hills Elementary**	60	10	II	4	K-4
Cougar Ridge Elementary	60	11	IV	6	K-4
Auburn Bay Middle	60	12	V	9	GR5-9
Kincora Elementary	55	13	II	4	K-4
Skyview Ranch Elementary	55	14	III	5	K-4
Evergreen Elementary ⁽²⁾	55	15	V	9	K-4
Cranston Elementary ⁽²⁾	55	16	V	9	K-4
Bridlewood Middle*	55	17	V	9	GR5-9
Signal Hill Middle	55	18	IV	6	GR5-9
Valley Ridge/Crestmont Elementary	50	19	I	1	K-4
Harvest Hills/Country Hills Middle**	45	20	II	4	GR5-9
Aspen Woods Middle	45	21	IV	6	GR5-9
Mahogany Elementary	40	22	V	9	K-4
Sage Hill Elementary	35	23	II	4	K-4
Sage Hill Middle	35	24	II	4	GR5-9
Hamptons Elementary	30	25	I	2	K-4
Discovery Ridge Elementary	30	26	IV	6	K-4
Skyview Ranch Middle	30	27	III	5	GR5-9
Sherwood Elementary	25	28	I	2	K-4
Sherwood/Nolan Hill Middle	25	29	I	2	GR5-9
Nolan Hill Elementary	0	n/a	I	2	K-4
Redstone Elementary	0	n/a	III	5	K-4
Legacy Elementary	0	n/a	V	9	K-4
Walden Elementary	0	n/a	V	9	K-4
Legacy Middle	0	n/a	V	9	GR5-9
Mahogany Middle	0	n/a	V	9	GR5-9
Walden Middle	0	n/a	V	9	GR5-9

Notes:

- * Accommodation strategy to another community
- ** Combined Country Hills/Harvest Hills into K-9 grade configuration
- ** Combined Springbank Hill/Discovery Ridge into K-9 grade configuration
 - ⁽²⁾ Indicates second K-4 school
 - In the case of ties, see description in Section 3.2
 - n/a - schools with 0 points not ranked
 - The top 21 priorities are in the Three-Year School Capital Plan 2015-2018
Excludes Bridlewood Middle (17)

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K-4 Statistics 2015-2018 Capital Submission

Community	Community Growth Profile (statistics)			Busing and Travel Time (statistics)	
	2013 Pre-school Census (Public Declared)	Elementary (K-GR4) Enrolment	Annual Population Growth 3-Yr Average	Median Travel Time (minutes)	Greater than one Bus Receiver within two school years
Area I					
Hamptons	153	215	-48	nbr	no
Nolan Hill	5	9	49	32	no
Sherwood	105	135	437	17	no
Valley Ridge/Crestmont	263	200	123	21	no
Area II					
Country Hills/Harvest Hills	326	270	47	21	no
Kincora	304	254	361	17	no
Sage Hill	186	113	753	21	no
Area III					
Martindale ⁽²⁾	*309	*422	372	15	yes
Redstone	7	13	58	25	no
Saddle Ridge ⁽²⁾	*344	*344	753	31	yes
Skyview Ranch	232	179	1266	29	no
Area IV					
Aspen Woods	342	221	935	25	yes
Cougar Ridge	308	258	110	23	no
Discovery Ridge	153	173	0	20	no
Springbank Hill	381	322	334	17	yes
Area V					
Cranston ⁽²⁾	*254	*171	1263	16	yes
Evergreen ⁽²⁾	*395	*196	706	nbr	yes
Legacy	0	0	-4	nbr	no
Mahogany	138	98	552	42	no
Silverado	376	220	858	26	no
Walden	69	57	469	14	no

- Notes:
1. Preschool Census includes Public Declared Only. (Statistics from the City of Calgary "Pre-School Children 2013").
 2. School ⁽²⁾ = the community has a new school constructed or approved and can support a second K-4 school.
 3. Annual Population Growth information from The City of Calgary "2013 Civic Census".
 4. Median Travel Time – "nbr" no bus receiver for that community.
 5. Bus Receivers – community receives points if they have greater than one bus receiver school within two school years. (Busing and Travel Time information as per Transportation Services)

- * **Martindale⁽²⁾** – deducted 515 (current provincial capacity) from pre-school (824-515=309) total & K-4 (937-515=422) total, as it would be their second elementary.
Saddle Ridge⁽²⁾ – deducted 550 (current provincial capacity) from pre-school (894-550=344) total & K-4 (894-550=344) total, as it would be their second elementary.
Cranston⁽²⁾ – deducted 550 (current provincial capacity) from pre-school (804-550=254) total & K-4 (721-550=171) total, as it would be their second elementary.
Evergreen⁽²⁾ – deducted 550 (current provincial capacity) from pre-school (945-550=395) total & K-4 (746-550=196) total, as it would be their second elementary.

K-4 Ranking Points 2015-2018 Capital Submission

Community	Community Growth Profile (points)			Busing and Travel Time (points)		Total Points
	2013 Pre-school Census (Public Declared)	Elementary (K-GR4) Enrolment	Annual Population Growth 3-Yr Average	Median Travel Time	Greater than one Bus Receiver within two school years	
Area I						
Hamptons	10	20	0	0	0	30
Nolan Hill	0	0	0	0	0	0
Sherwood	10	10	0	5	0	25
Valley Ridge/Crestmont	20	20	0	10	0	50
Area II						
Country Hills/Harvest Hills	30	20	0	10	0	60
Kincora	30	20	0	5	0	55
Sage Hill	10	10	5	10	0	35
Area III						
Martindale ⁽²⁾	30	40	0	5	10	85
Redstone	0	0	0	0	0	0
Saddle Ridge ⁽²⁾	30	30	5	20	10	95
Skyview Ranch	20	10	10	15	0	55
Area IV						
Aspen Woods	30	20	10	15	10	85
Cougar Ridge	30	20	0	10	0	60
Discovery Ridge	10	10	0	10	0	30
Springbank Hill	30	30	0	5	10	75
Area V						
Cranston ⁽²⁾	20	10	10	5	10	55
Evergreen ⁽²⁾	30	10	5	0	10	55
Legacy	0	0	0	0	0	0
Mahogany	10	0	0	30	0	40
Silverado	30	20	10	15	0	75
Walden	0	0	0	0	0	0

- Notes:
- 0 points in Community Growth Profile = 0 points in Busing and Travel Time.
 - Preschool Census includes Public Declared Only. (Statistics from the City of Calgary "Pre-School Children 2013".
 - Communities that have a new school constructed or approved and can only support one K-4 school are not ranked.
 - School ⁽²⁾ = the community has a new school constructed or approved and can support a second K-4 school.
For communities that already have an elementary school, their current actual capacity is deducted from their Pre-School and K-4 enrolments.
 - Bus Receivers – community receives points if they have greater than one bus receiver school within two school years.

Middle/Junior (Grades 5-9) Statistics 2015-2018 Capital Submission

Community	Community Growth Profile (statistics)			Accommodation Plan		Busing and Travel Time (Statistics)	
	Elementary (K-GR4) Enrolment	Middle (GR 5-9) Enrolment	Annual Population Growth 3-Yr Average	Existing K-4 School	Greater Than Two Transition Points	Median Travel Time (minutes)	Greater than one Bus Receiver within two school years
Area I							
Sherwood/Nolan Hill	144	175	486	no	no	28*	no
Area II							
Harvest Hills/ Country Hills	270	317	47	no	no	27	no
Evanston	412	235	1030	yes	no	44	no
Sage Hill	113	58	753	no	no	46	no
Area III							
Skyview Ranch	179	136	1266	no	no	20	no
Area IV							
Aspen Woods	221	182	935	no	no	16	yes
Signal Hill	430	414	-31	yes	no	21	no
Springbank Hill/ Discovery Ridge	495	448	333	no	no	24	yes
West Springs/ Cougar Ridge	749	477	567	yes	no	20	yes
Area V							
Auburn Bay	414	327	1536	no	no	22	no
Bridlewood	496	416	345	yes	no	14	no
Cranston	721	426	1263	yes	no	34	no
Legacy	0	0	-4	no	no	nbr	no
Mahogany	98	57	552	no	no	52	no
Walden	57	55	469	no	no	8	no

Notes:

1. Annual Population Growth information from The City of Calgary "2012 Civic Census".
2. Median Travel Time – "nbr" no bus receiver for that community.
3. Bus Receivers – community receives points if they have greater than one bus receiver school within two school years. (Busing and Travel Time information as per Transportation Services)

* City Transit

**Middle/Junior (Grades 5-9) Ranking Points
2015-2018 Capital Submission**

Community	Community Growth Profile (points)			Accommodation Plan		Busing and Travel Time (points)		Total Points
	Elementary (K-GR4) Enrolment	Middle (GR 5-9) Enrolment	Annual Population Growth 3-Yr Average	Existing K-4 School	Greater Than Two Transition Points	Median Travel Time (minutes)	Bus Receivers	
Area I								
Sherwood/Nolan Hill	0	10	0	0	0	15	0	25
Area II								
Harvest Hills/ Country Hills	10	20	0	0	0	15	0	45
Evanston	20	10	10	5	0	30	0	75
Sage Hill	0	0	5	0	0	30	0	35
Area III								
Skyview Ranch	10	0	10	0	0	10	0	30
Area IV								
Aspen Woods	10	10	10	0	0	5	10	45
Signal Hill	20	20	0	5	0	10	0	55
Springbank Hill/ Discovery Ridge	30	20	0	0	0	10	10	70
West Springs/ Cougar Ridge	40	30	0	5	0	10	10	95
Area V								
Auburn Bay	20	20	10	0	0	10	0	60
Bridlewood	30	20	0	5	0	0	0	55
Cranston	40	20	10	5	0	20	0	95
Legacy	0	0	0	0	0	0	0	0
Mahogany	0	0	0	0	0	0	0	0
Walden	0	0	0	0	0	0	0	0

- Notes:
1. 0 points in Community Growth Profile = 0 points in Busing and Travel Time.
 2. Bus Receivers – community receives points if they have greater than one bus receiver school within two school years.

CBE Point Assignments

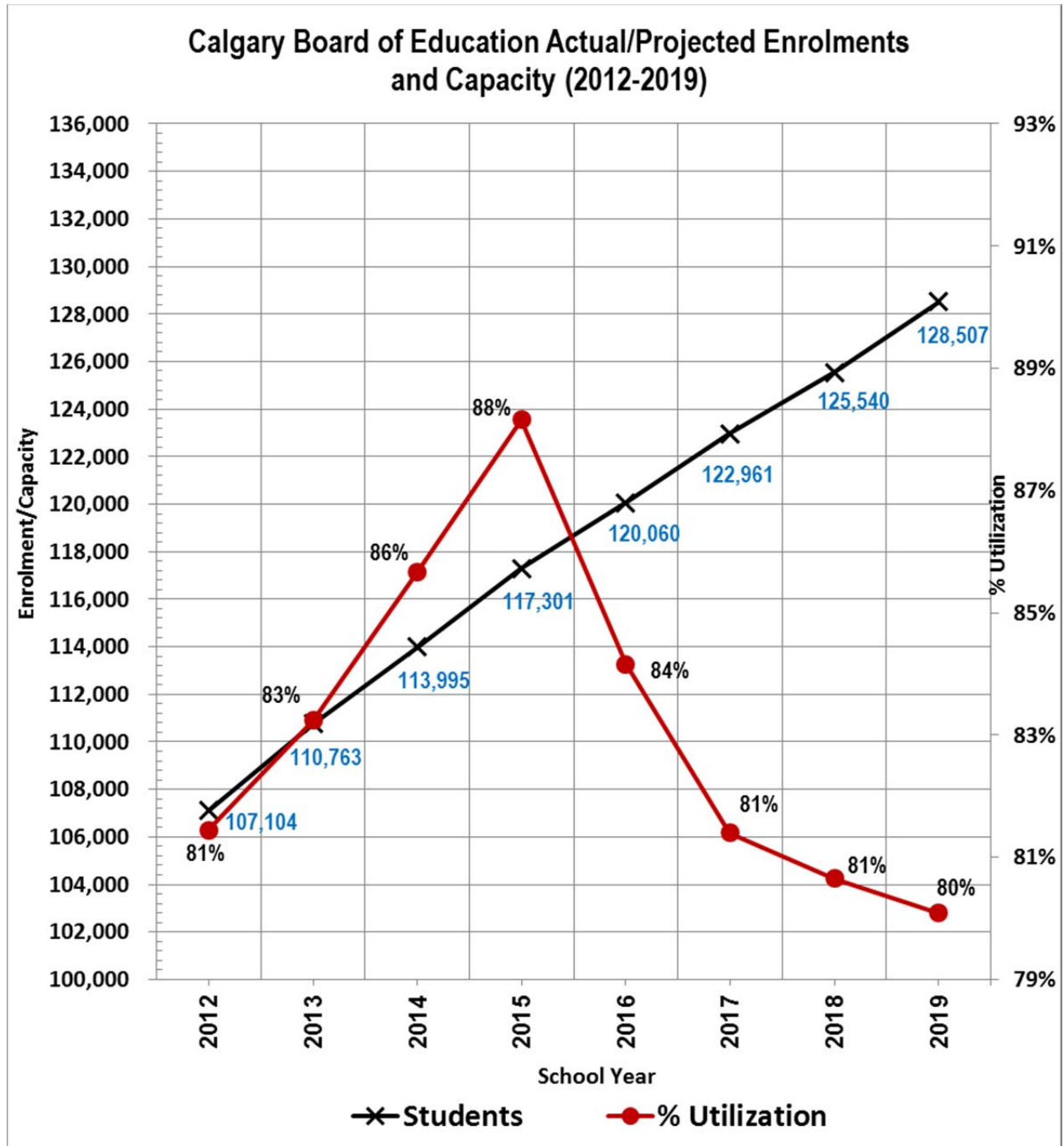
Kindergarten - Grade 4, September 30, 2013	
Preschool Census (Age 1-5) (Public Declared)	
100-199	10 points
200-299	20 points
300-399	30 points
400-499	40 points
500-599	50 points
≥600	60 points
Current K-GR4 Enrolment (September 30, 2013)	
100-199	10 points
200-299	20 points
300-399	30 points
400-499	40 points
500-599	50 points
≥600	60 points
Annual Population Growth Three-Year Average of Community	
600-799	5 points
≥800	10 points
Median Travel Time to Bus Receiver	
15-19 minutes	5 points
20-24 minutes	10 points
25-29 minutes	15 points
30-34 minutes	20 points
35-39 minutes	25 points
≥40 minutes	30 points
Bus Receiver - Elementary	
Greater than one bus receiver school required within two school years (no phase-outs)	10 points

CBE Point Assignments

Middle (Grade 5-9), September 30, 2013	
Elementary (K-GR4) Enrolment	
150-299	10 points
300-449	20 points
450-599	30 points
600-749	40 points
750-899	50 points
≥900	60 points
Current GR5-9 Enrolment (September 30, 2013)	
150-299	10 points
300-449	20 points
450-599	30 points
600-749	40 points
750-899	50 points
≥900	60 points
Existing K-4 School	
	5 points
Greater Than Two Transition Points	
	5 points
Annual Population Growth Three-Year Average of Community	
600-799	5 points
≥800	10 points
Median Travel Time to Bus Receiver	
15-19 minutes	5 points
20-24 minutes	10 points
25-29 minutes	15 points
30-34 minutes	20 points
35-39 minutes	25 points
≥40 minutes	30 points
Bus Receiver - Middle	
Greater than one bus receiver school required within two school years (no phase-outs)	10 points

CBE System Utilization

CBE SYSTEM UTILIZATION – (2012 – 2019)
K-12



Glossary of Terms and Definitions

CBE Definitions

Additions/Expansions:	Changes the gross area of building
CTS:	Career and Technology Studies
Modernization:	Supports modernization of a building
Provincial Capacity:	Gross square metres of a school divided by the area per student as per Alberta Education/Alberta Infrastructure’s School Capital Manual Look-Up Table
RECAP:	Renewal Capital Asset Planning Process
School Community	Attendance Area Boundary

CBE Formulas

Utilization Rate	= $\frac{\text{Weighted enrolment [K@FTE + enrolment + (Special Ed. } \times 3)]}{\text{Provincial capacity (student spaces)}}$
Weighted Enrolment	= (Total Kindergarten divided by 2 [K@FTE]) + Grades 1-12 enrolment + (Special Education at 3:1)

Alberta Education/Alberta Infrastructure School Capital Manual Definitions

Area Capacity and Utilization Report	A report from Infrastructure that provides total capacity and utilization rates for a jurisdiction and its school facilities.
Barrier-Free	The <i>Alberta Building Code</i> defines the requirements to ensure that a school facility can accommodate people with special needs.
Capacity	The capacity of a new school and the method by which it is established as approved by Infrastructure. Records of capacity for all Alberta schools are maintained by Infrastructure and reflect the capacity established at the time of construction, minus any exclusions or exemptions subsequently approved by Infrastructure.
Capital Funding	Funding provided to school jurisdictions for school building projects in accordance with Education’s approved budget schedule.
Code Requirements	The minimum requirements for construction defined by the <i>Alberta Building Code</i> and those standards referenced in the <i>Code</i> .
Core School	A school building that is constructed with a permanent core and can be expanded or contracted by the addition or removal of modular classrooms.
Facilities Plan	A general or broad plan for facilities and facility development within a school jurisdiction.

Facility Evaluation	Assessment of facility characteristics, which includes site, architectural and engineering components, maintenance planning, safety, space adequacy and environment protection, to determine the ability of the building to accommodate current and future needs.
Full-time Equivalent Occupancy	Is used as a measurement of space utilization. Enrolment is calculated on the number of student spaces occupied throughout the school day. Part time student use is expressed in terms of full-time equivalent students (FTEs).
Furniture & Equipment	Includes basic furnishings such as desks, seating, storage cabinets, tables and fixtures that are normally provided under a contract separate from the general construction contract.
Infrastructure Maintenance and Renewal (IMR) program	Provides funding to (a) replace building and site components which have failed and pose health and safety problems for students and staff, (b) extend the useful life of school facilities and sites and (c) maintain the quality of the school environment.
Instructional Area	Those areas of a school building that are designated for purposes of instruction, examinations and other student activities where direct or indirect student-teacher interaction is maintained or scheduled. Also included are storage areas considered directly related to various instructional areas (i.e. gym storage, drama storage and science preparation areas).
Inventory of Space	A listing of a school jurisdiction's owned or leased facilities, which include facility area and usage.
Life Cycle Costing	Process that examines all costs associated with a facility project for the extent of its lifetime.
Modernization Project	The restoration of an entire or a portion of a school facility to improve its functional adequacy and suitability for present and future educational programs.
Modular Classroom	Prototypical portable classroom units built at a central location and transported to schools across Alberta. These units are based on specifications that ensure significantly improved heating and ventilation, soundproofing, resistance to mould, ease of serviceability and several other factors that differentiate them from the older portables that are also part of schools across the province. The Government of Alberta's goal is to eventually replace all the older portables with the prototypical Modular Classrooms.
New Capacity	In the event that a new construction project adjusts the capacity rating, a new capacity will be incorporated to reconcile the school jurisdiction's total capacity one year after the date of Ministerial approval of the tender or alternate to tender scheme of construction.
Right-Sizing	Reduction in capacity of an existing school to provide a more efficient use of the facility due to declining enrolments.
School Building Project	Means (i) the purchase, erection, relocation, renovation, furnishing or equipping of, (ii) making of structural changes in, (iii) the addition to or extension of a school building, or (iv) the building of access roads or site preparation for a school building.

Site Development

Provision of utility services, access, location of buildings, playfields and landscaping.

Utilization Ratio

The ratio determined by dividing a jurisdiction's total FTE student enrolment by its net capacity.