



Calgary Board of Education

Three-Year School Capital Plan

2013 - 2016

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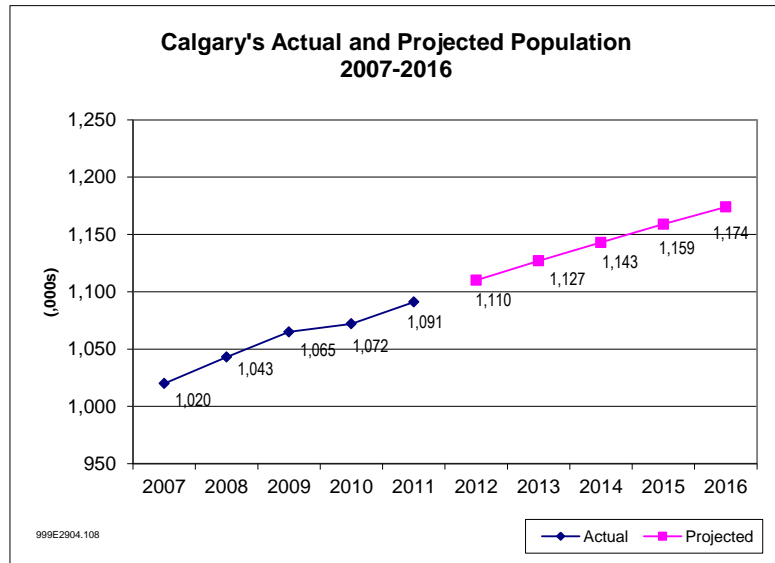
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EXECUTIVE SUMMARY

This Three-Year School Capital Plan 2013-2016 is an analysis of the CBE's forecasted school capital needs, as assessed at the present time.

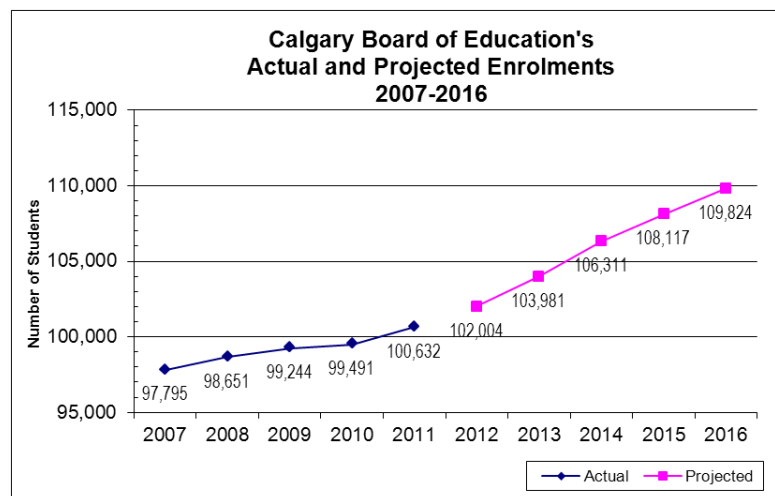
1. Calgary Population

Calgary has experienced tremendous growth over the past decade. One indicator of the magnitude of growth is the increase in Calgary's population by 99,177 persons in the last five years, an average of 19,835 persons per year. The City of Calgary (the City) has forecast that the total population of Calgary will reach 1,174,100 in 2016 up from the total 1,090,936 in April 2011. This five-year forecast represents an average annual increase of 16,633 persons during this period.



2. Student Enrolment

The CBE's current student enrolment of 100,632 is forecast to increase to 109,824 students in 2016. The largest increase over the five-year timeframe will be Grades 1-3 students followed by Grades 4-6 students. The Grades 10-12 enrolment is projected to decline by 693 students.



Note: Enrolment excludes 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 Area:

City Growth Trends by CBE Area 2011-2015	
Area	Population Forecast
Area I	5,600-5,800
Area II	16,300-18,400
Area III	8,900-9,800
Area IV	8,000-8,800
Area V	38,000-42,000

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 2010-2011 and the Three-Year Education Plan 2011-2014 on December 6, 2011.

5. Schools Under Construction and Approvals

The Province is constructing four middle schools and one senior high school as part of the Alberta Schools Alternative Procurement Phase II. The schools are well under construction and the middle schools are expected to open for the 2012-2013 school year.

Future School Openings				
School Year Opening	School/Community	Grade	Approved Capacity	Approval Date
2012-2013	Coventry Hills Middle	Grades 5-9	900	January 30, 2008
	Panorama Hills Middle	Grades 5-9	900	January 30, 2008
	Taradale Middle	Grades 5-9	900	January 30, 2008
	Tuscany Middle	Grades 5-9	900	January 30, 2008
	Northwest Calgary High	Grades 10-12	1,500	January 30, 2008
Total School Space Capacity			5,100	

Over the next two school years approximately 5,100 additional student spaces will be built from schools approved, and under construction.

6. Capital Priorities – New School Construction

There are 16 new school construction projects in the Three-Year School Capital Plan 2013-2016.

Table 1: New School Construction				Number of Years Listed in Capital Plan
Three-Year School Capital Plan 2013-2016 Priorities				
Priority Ranking – Project Description				
YEAR 1				
Community/School	Grade	Project Type	Cost (\$)	
C-1 Saddle Ridge Middle	Gr. 5-9	New School	26,000,000	4
C-2 Northeast High School	Gr. 10-12	New School	50,000,000	7
C-3 Copperfield Elementary	K-4	New School	14,500,000	6
C-4 Evanston Elementary	K-4	New School	14,500,000	2
C-5 New Brighton Elementary	K-4	New School	14,500,000	4
C-6 New Brighton/Copperfield Middle	Gr. 5-9	New School	26,000,000	3
C-7 Royal Oak/Rocky Ridge Middle	Gr. 5-9	New School	26,000,000	7
C-8 Centennial High School Addition	GR. 10-12	Addition	8,000,000	3
C-9 Evergreen Middle	Gr. 5-9	New School	26,000,000	7
C-10 Panorama Hills Elementary (2)	K-4	New School	14,500,000	1
YEAR 1 TOTAL			220,000,000	
YEAR 2 and YEAR 3				
Community/School	Grade	Project Type	Cost (\$)	
C-11 Auburn Bay Elementary	K-4	New School	14,500,000	1
C-12 West Springs/Cougar Ridge Middle	Gr. 5-9	New School	26,000,000	6
C-13 Springbank Hill Elementary	K-4	New School	14,500,000	4
C-14 Aspen Woods Elementary	K-4	New School	14,500,000	0
C-15 McKenzie Towne Middle	Gr. 5-9	New School	26,000,000	9
C-16 Tuscany Elementary (2)	K-4	New School	14,500,000	3
YEAR 3 TOTAL			110,000,000	
Total			330,000,000	

7. Capital Priorities – Major Modernization Projects

There are 20 major modernization projects in the Three-Year School Capital Plan 2013-2016.

Table 2: School Major Modernizations				Number of Years Listed in Capital Plan
Three-Year School Capital Plan 2013-2016 Priorities				
YEAR 1				
Community/School	Grade	Project Type	Cost (\$)	
M-1 Chinook Learning Services		Major Modernization	15,000,000	4
M-2 Area I High Schools (CTS Program)	Gr. 10-12	Major Modernization	32,000,000	3
M-3 Christine Meikle School	Gr. 7-12	Major Modernization	12,000,000	3
M-4 First Nations, Métis, and Inuit School	K-4	Major Modernization	23,000,000	5
M-5 Area II and III High Schools (CTS Program)	Gr. 10-12	Major Modernization	43,000,000	3
M-6 Area V High Schools (CTS Program)	Gr. 10-12	Major Modernization	25,000,000	3
YEAR 1 TOTAL			150,000,000	
YEAR 2 and YEAR 3				
Community/School	Grade	Project Type	Cost (\$)	
M-7 Altadore School	K-6	Major Modernization	9,000,000	4
M-8 Nickle School	Gr. 5-9	Major Modernization	12,000,000	4
M-9 Senator Patrick Burns School	Gr. 5-9	Major Modernization	13,000,000	4
M-10 A.E. Cross School	Gr. 7-9	Major Modernization	16,000,000	3
M-11 Sir Wilfrid Laurier School	Gr. 5-9	Major Modernization	11,000,000	4
M-12 Dr. J.K. Mulloy School	K-6	Major Modernization	10,000,000	4
M-13 Henry Wise Wood High School	Gr. 9-12	Major Modernization	20,000,000	3
M-14 Simon Fraser School	Gr. 5-9	Major Modernization	13,000,000	0
M-15 Elboya School	K-9	Major Modernization	16,000,000	4
M-16 Woodman School	Gr. 5-9	Major Modernization	14,000,000	3
M-17 Sir John A. Macdonald School	Gr. 7-9	Major Modernization	12,000,000	3
M-18 Thomas B. Riley School	Gr. 5-9	Major Modernization	11,000,000	4
M-19 Fairview School	Gr. 5-9	Major Modernization	14,000,000	4
M-20 Sherwood School	Gr. 5-9	Major Modernization	16,000,000	8
YEAR 2 and YEAR 3 TOTAL			187,000,000	
GRAND TOTAL			337,000,000	

8. Projected Opening Dates for Career and Technology Studies Curriculum

The following table indicates the projected opening dates to meet the planned CBE strategy to address the new Career and Technology Studies (CTS) curriculum.

Area	Projected Opening Date
Area I High Schools	September 2013
Area II and III High Schools	September 2014
Area V High Schools	September 2015

9. Capital Priorities – New Construction & Major Modernizations

There are 36 new construction and major modernization projects in the three-Year School Capital Plan 2013-2016.

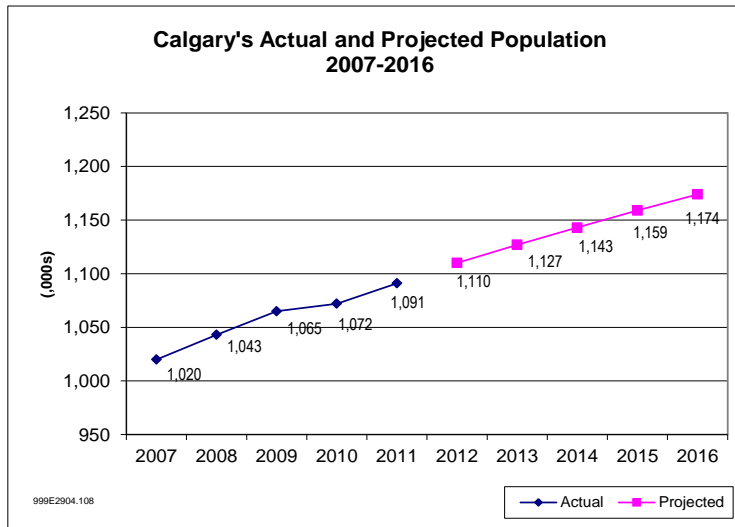
Table 3: New School Construction and Major Modernizations				Number of Years Listed in Capital Plan	
Year 1: 2013-2014 School Capital Plan Priorities					
Priority Ranking	Project Description	Grade	Project Type	Cost (\$)	
1	Chinook Learning Services		Major Modernization	15,000,000	4
2	Saddle Ridge Middle	Gr. 5-9	New School	26,000,000	4
3	Northeast High School	Gr. 10-12	New School	50,000,000	7
4	Area I High Schools (CTS Program)	Gr. 10-12	Major Modernization	32,000,000	3
5	Copperfield Elementary	K-4	New School	14,500,000	6
6	Evanston Elementary	K-4	New School	14,500,000	2
7	New Brighton Elementary	K-4	New School	14,500,000	4
8	Christine Meikle School	Gr. 7-12	Major Modernization	12,000,000	3
9	New Brighton/Copperfield Middle	Gr. 5-9	New School	26,000,000	3
10	Royal Oak/Rocky Ridge Middle	Gr. 5-9	New School	26,000,000	7
11	First Nations, Métis, and Inuit School	K-4	Major Modernization	23,000,000	5
12	Centennial High School Addition	Gr. 10-12	New Addition	8,000,000	3
13	Area II & III High Schools (CTS Program)	Gr. 10-12	Major Modernization	43,000,000	3
14	Evergreen Middle	Gr. 5-9	New School	26,000,000	7
15	Panorama Hills Elementary ⁽²⁾	K-4	New School	14,500,000	1
16	Area V High Schools (CTS Program)	Gr. 10-12	Major Modernization	25,000,000	3
			Year 1 Total	370,000,000	
Year 2 and Year 3: 2014-2015 and 2015-2016 School Capital Plan Priorities					
17	Auburn Bay Elementary	K-4	New School	14,500,000	1
18	West Springs/Cougar Ridge Middle	Gr. 5-9	New School	26,000,000	6
19	Springbank Hill Elementary	K-4	New School	14,500,000	4
20	Altadore School	K-6	Major Modernization	9,000,000	4
21	Nickle School	Gr. 5-9	Major Modernization	12,000,000	4
22	Senator Patrick Burns School	Gr. 5-9	Major Modernization	13,000,000	4
23	A.E. Cross School	Gr. 7-9	Major Modernization	16,000,000	3
24	Sir Wilfrid Laurier School	Gr. 5-9	Major Modernization	11,000,000	4
25	Dr. J.K. Mulloy School	K-6	Major Modernization	10,000,000	4
26	Aspen Woods Elementary	K-4	New School	14,500,000	0
27	McKenzie Towne Middle	Gr. 5-9	New School	26,000,000	9
28	Tuscanv Elementary ⁽²⁾	K-4	New School	14,500,000	3
29	Henry Wise Wood High School	Gr. 9-12	Major Modernization	20,000,000	3
30	Simon Fraser School	Gr. 5-9	Major Modernization	13,000,000	0
31	Elboya School	K-9	Major Modernization	16,000,000	4
32	Woodman School	Gr. 5-9	Major Modernization	14,000,000	3
33	Sir John A. MacDonald School	Gr. 7-9	Major Modernization	12,000,000	3
34	Thomas B. Riley School	Gr. 5-9	Major Modernization	11,000,000	4
35	Fairview School	Gr. 5-9	Major Modernization	14,000,000	4
36	Sherwood School	Gr. 5-9	Major Modernization	16,000,000	8
			Year 2 and Year 3 Total	297,000,000	
			GRAND TOTAL	667,000,000	

1.0 INTRODUCTION

The Calgary Board of Education (CBE) is a global leader in public education. 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 104,182 students (includes Adult Education) through 221 schools with 8,783 permanent employees and an operating budget of \$1,120 million.

Over the past decade, Calgary has seen tremendous growth and economic prosperity. One simple indicator of the magnitude of the growth is that the population of Calgary increased 99,177 persons between 2006 and 2011, at an average of 19,835 persons per year.

The population grew from 1,071,515 in April 2010 to 1,090,936 in April 2011, an increase of 19,421 (1.8%). The population growth was contributable to an equal balance of natural increase (9,858) and net migration (9,563).



The City of Calgary's report, Calgary and Region Economic Outlook 2011-2021 (October 2011), identifies continued strong growth for Calgary. The City forecast indicates the total population of Calgary will reach 1,174,100 in 2016, an increase of 83,164 persons from the 1,090,936 total as at April 2011 by the Civic Census. The five-year population forecast to 2016 represents an average

increase of 16,633 persons per year during this period and represents a reduced pace from the previous five-year period.

Calgary Total Population (,000s)										
Actual						Projected				
2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
992	1,020	1,043	1,065	1,072	1,091	1,110	1,127	1,143	1,159	1,174

Calgary and Region Economic Outlook 2011-2016 (October 2011)

1.1 CBE Student Enrolment

Total enrolment of 104,182 students was reported on September 30, 2011, and consists of 100,632 pre-Kindergarten to Grade 12 plus 3,550 enrolled at Chinook Learning Services and CBe-learn. This count included 1,041 students 20 years old or older on September 1 who are currently not eligible for funding.

Enrolment increased by 1,265 students from September 30, 2010, to September 30, 2011, with notable increase at Kindergarten and Division I (Grades 1-3). This increase is mainly due to high birth rates 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, 2010, to September 30, 2011, enrolment in alternative programs increased by 1,128 students or 6%. Enrolment in alternative programs is 18,324 of which 10,275 are enrolled in language programs (French Immersion, Spanish Bilingual, German Bilingual and Chinese (Mandarin) Bilingual) and 4,628 in Traditional Learning Centres.

The following table provides a summary of enrolments including Unique settings, Outreach Programs, Chinook Learning, and CBe-learn from September 30, 2007, to September 30, 2011.

Five-Year History of Enrolments by Division 2007-2011					
	2007	2008	2009	2010	2011
Pre-Kindergarten	0	0	0	38	51
Kindergarten	6,604	7,082	7,202	7,459	7,718
Grades 1-3	20,773	21,299	21,741	22,443	23,421
Grades 4-6	20,773	20,730	20,742	20,436	20,593
Grades 7-9	22,281	22,194	22,111	21,693	21,505
Grades 10-12	25,843	25,712	25,721	25,667	25,547
Outreach and Unique Settings	1,521	1,634	1,727	1,755	1,797
Sub-Total	97,795	98,651	99,244	99,491	100,632
Chinook Learning Services	2,589	2,492	2,447	2,789	2,935
CBe-learn	651	679	685	637	615
Total	101,685	101,035	101,822	102,917	104,182

Five-Year Enrolment Projections

CBE's current enrolment of 104,182 students is forecast to increase to 114,424 students by 2016. An increase of 10,242 students is projected averaging 2,000 additional students annually. The largest increase over this five-year timeframe is projected to be in Division I (Grades 1-3) followed by Division II (Grades 4-6). Junior high enrolment (Grades 7-9) is projected to decline slightly over the next two years and increase again starting in 2014. Senior high enrolment (Grades 10-12) is projected to decline over this timeframe; however, looking ahead to 2018, it is anticipated that enrolment will return to current numbers and increase into the future.

Enrolment in Outreach Programs, Unique Settings and CBe-learn assumes current enrolment patterns. The increase at Chinook Learning Services assumes that the Education Act changes to include funding for 21-year-olds, effective 2014. A summary of the September 2011 actual student enrolments and September 2012-2016 projected enrolments are below:

Five-Year Enrolment Projections 2012-2016						
	Actual 2011	Projected				
		2012	2013	2014	2015	2016
Pre-Kindergarten	51	60	60	60	60	60
Kindergarten	7,718	8,157	8,646	8,835	8,283	8,283
Grades 1-3	23,421	24,003	25,081	26,325	27,749	27,883
Grades 4-6	20,593	21,000	21,786	22,736	23,301	24,347
Grades 7-9	21,505	21,465	21,221	21,383	21,800	22,616
Grades 10-12	25,547	25,541	25,408	25,192	25,143	24,854
Outreach and Unique Settings	1,797	1,780	1,780	1,780	1,780	1,780
Sub-Total	100,632	102,004	103,981	106,311	108,117	109,824
Chinook Learning	2,935	3,000	3,150	3,310	3,800	3,950
CBe-learn	615	650	650	650	650	650
Total Student Count	104,182	105,654	107,781	110,271	112,567	114,424

- 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, 2011, enrolments as a base.

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 24 new and developing municipal communities (Suburban Residential Growth, April 2011) 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, it is somewhat impacted by the size of the communities being planned and built today. Today's communities are much larger than they have been historically. Although there are fewer communities, the land supply is essentially the same.

The top ten developing communities to receive residential building permit applications in Calgary for 2011 were:

- Panorama Hills (N)
- Auburn Bay (SE)
- McKenzie Towne (SE)
- Skyview Ranch (NE)
- Cranston (SE)
- Sherwood (NW)
- New Brighton (SE)
- Sage Hill (N)
- Aspen Woods (W)
- Silverado (S)

(Source: *Suburban Residential Growth 2011-2015*, p. A16, A17)

Forecasted Suburban Growth – 2011-2015

The *Suburban Residential Growth 2011-2015* indicates that 99% of the population growth over the past five years (2006-2010) has been in the developing communities. The new Calgary Municipal Development Plan supports more intensification into developed areas of Calgary; however, forecasts over the next five years estimate 99% of the population growth will continue to occur in the new suburbs.

There are 40,500 new housing units forecasted for 2011-2015, city-wide. Of the total units forecast, The City of Calgary estimates that 75% (30,390 total units) is projected to go to new communities.

A summary of the 2011-2015 period forecast for urban growth for suburban locations is as follows (see **Map 1**):

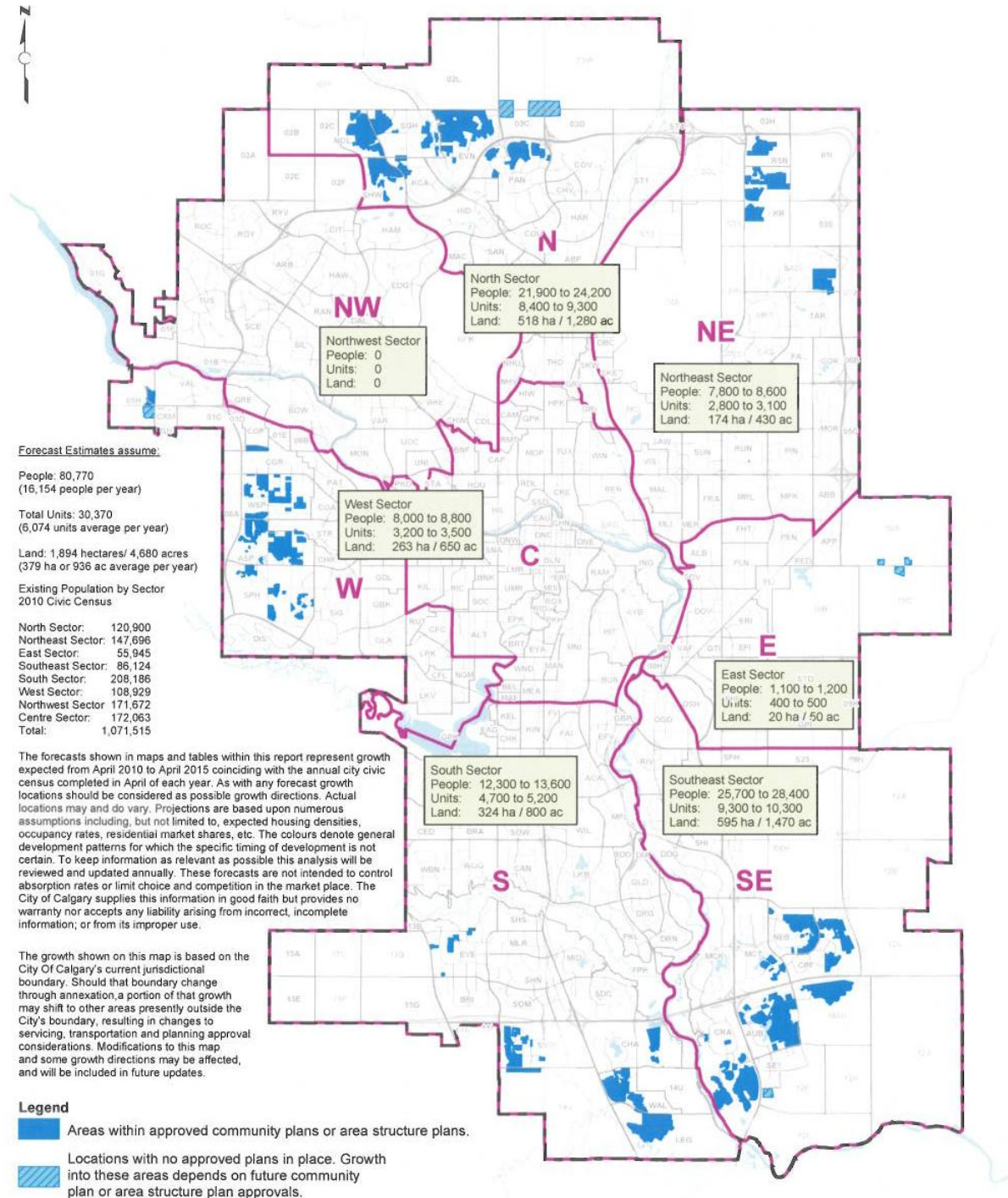
City Growth Trends by City Sector 2011-2015				
Sector	Housing Units	Population Forecast	Hectares	Acres
Northwest	0	0	0	0
North	8,400-9,300	21,900-24,200	518	1,280
Northeast	2,800-3,100	7,800-8,600	174	430
East	400-500	1,100-1,200	20	50
Southeast	9,300-10,300	25,700-28,400	595	1,470
South	4,700-5,200	12,300-13,600	324	800
West	3,200-3,500	8,000-8,800	263	650

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 2011-2015	
Area	Population Forecast
Area I	5,600-5,800
Area II	16,300-18,400
Area III	8,900-9,800
Area IV	8,000-8,800
Area V	38,000-42,000

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 approximately half of the City's growth will be in these portions of the City.

City of Calgary Planning Sectors
 City of Calgary, Suburban Residential Growth 2011-2015



1.3 *Plan It Calgary*

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. *Plan It Calgary* will also ensure reprioritizing municipal investment to align with its long-term growth management strategy.

Calgary City Council has directed the City Administration to develop criteria for prioritization and sequencing of growth for the City. The intent is to develop a framework that will be used to make decisions on how Calgary will grow and develop over the next 60 years. The CBE participated in the stakeholder forums during fall 2011 as part of the City's growth management criteria development. The City Administration has reported back to the Standing Policy Committee on Land Use, Planning and Transportation (LPT) on December 14, 2011, with recommended criteria. Work is ongoing with this project to establish how growth and change will be managed by the City in the future.

The CBE has advocated, as part of the growth management process, that the City should have more short-term targets of 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 by *Plan It Calgary*, 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 24 new and developing municipal communities in various stages of development. Although the number of communities has been reduced over the years, 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. The large number of communities in varying stages of development puts increased pressure on the CBE to meet the expectations of parents for new school construction in their community.

In terms of population increased from the April 2010 Census to the April 2011 Census, there were five communities that exceeded 1,000 persons population growth. Panorama Hills had the largest annual increase of 1,952 persons followed by Auburn Bay (1,552 persons), New Brighton (1,236 persons), Cranston (1,186 persons) and Skyview Ranch (1,093 persons).

In contrast, the largest increases in the established and inner-city communities were Beltline with a population increase of 654 persons, Downtown Commercial Core with a population increase of 503 persons and the CFB - Lincoln Park with 407 people. The Beltline and downtown have benefitted from higher density developments in these areas, while the CFB Lincoln Park community has been through intensification of Canadian Forces Base lands.

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.

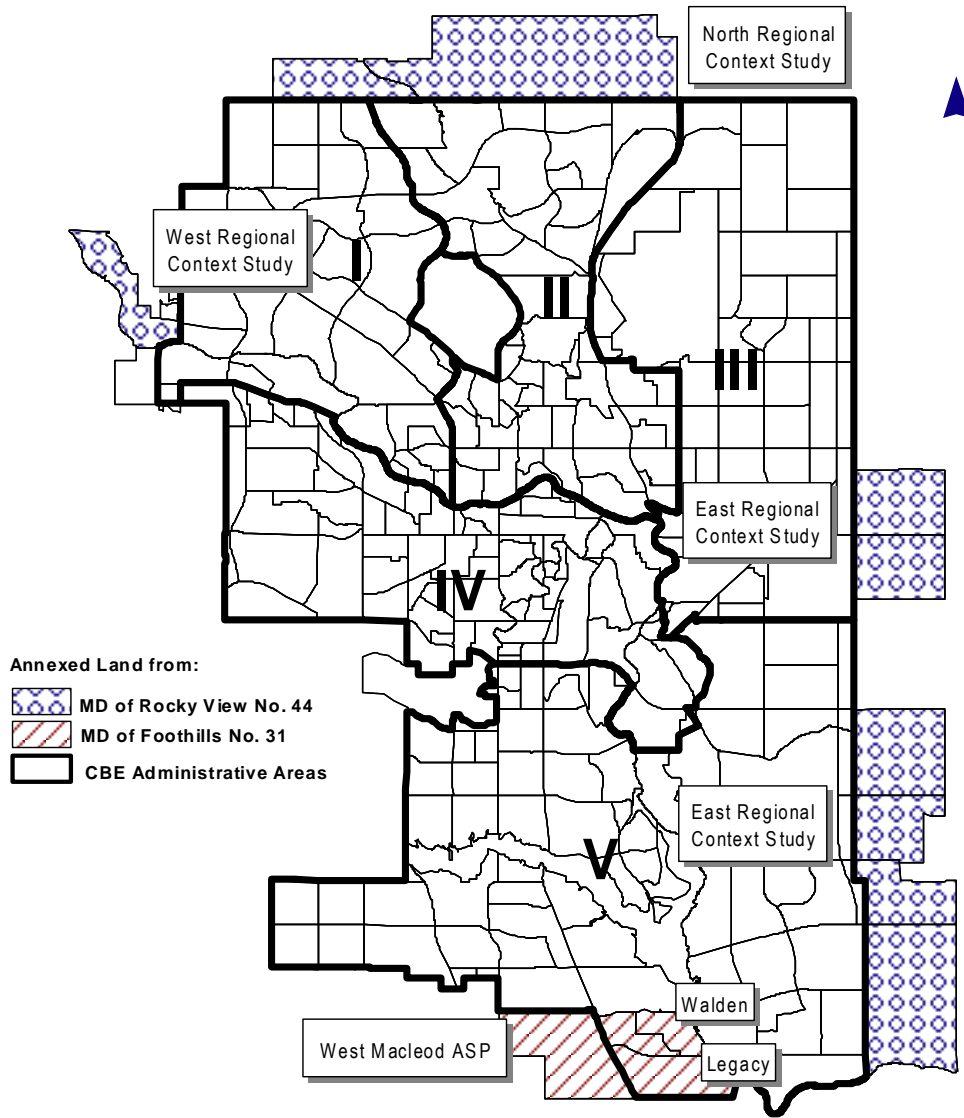
Annexed land in the south was added to the CBE boundary in June 2009 and consists of the communities of Walden and Legacy. Recently annexed land in the northwest has been added for a small extension to the Valley Ridge community in September 2011. Approximately 177 acres of land in the south have been removed from the City and CBE boundaries as part of the Spruce Meadows lands being added to the MD of Rocky View. These latter two changes are detailed at the end of this section in recent annexation activities.

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.

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.

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.



Prepared by Capital and Urban Planning
 March 2010
 Elayne\2010\2010 AVSchoolProjects\Annexation Map

The **West Macleod Area Structure Plan** was approved November 2009 and will accommodate a population of approximately 28,000 persons. Planning since that date has been delayed. However, outline plans are expected to be submitted in the near future for development.

The **South Shepard Area Structure Plan** will accommodate a population of approximately 29,000 persons for the north

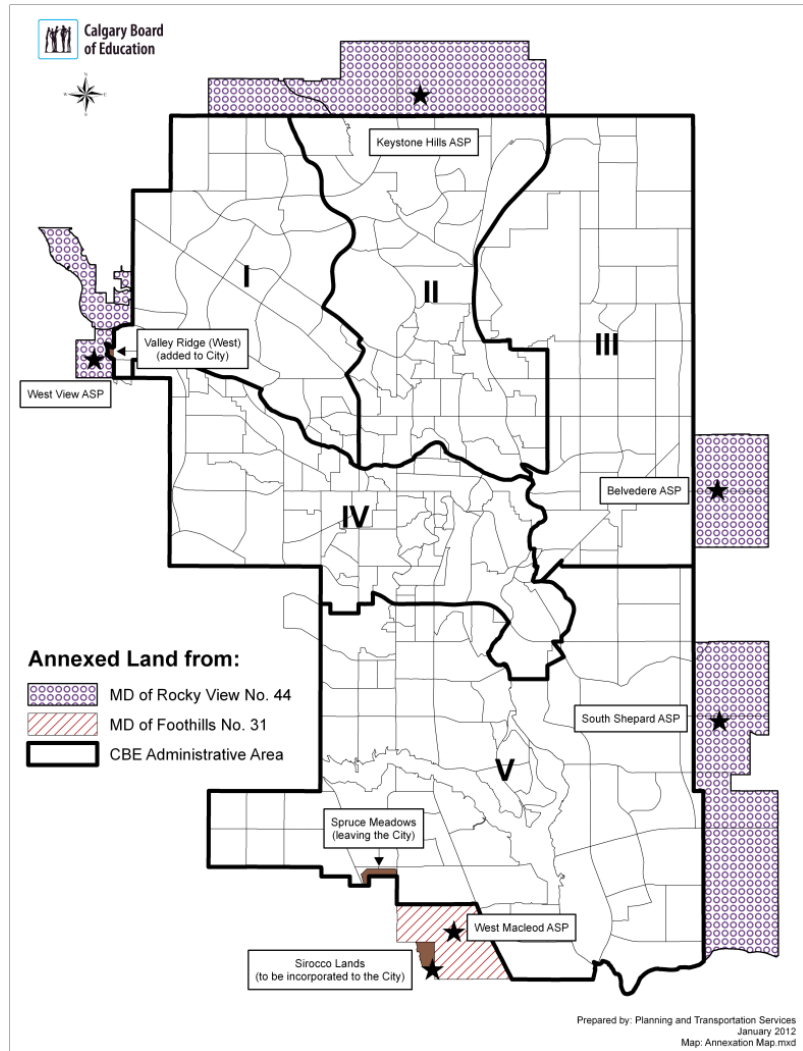
portion of the plan. This plan has been broken into two parts as there are issues related to environmental studies and the landfill site within the study area. The north portion of the plan is expected to be at City Council in spring 2012.

The **West View Area Structure Plan** will accommodate a population of approximately 8,300 persons. This ASP was to have been approved in 2011 but has been delayed due to issues related to an interchange at 133 Street NW and the TransCanada Highway.

The **Keystone Hills Area Structure Plan** in the north will accommodate a population of approximately 61,000 persons. The plan is currently in the approval stage and is expected to be at City Council in spring 2012.

The **Belvedere Area Structure Plan** on the east will accommodate a future population of approximately 57,000 persons. The plan is in the early stages of preparation and timings for approval are to be determined.

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



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 270,000 persons. In the long term, the newly-annexed areas will also add approximately 350,000 to 400,000 new residents to the City.

Recent Annexation Activities

Spruce Meadows and Sirocco Lands

In June 2010, the City of Calgary and the Municipal District of Foothills signed a dual annexation agreement and both municipalities initiated the new annexation process. This annexation was prompted by the Spruce Meadows equestrian facility, which desired to operate under one municipal jurisdiction rather than seeking approvals from both the Municipal District of Foothills and The City of Calgary. The Municipal District of Foothills annexed approximately 136 acres to its municipal boundary. In return, the City annexed approximately 177 acres (Sirocco Lands) from the Municipal District of Foothills.

The annexations have been approved by the Municipal Government Board and were approved by the Legislature retroactive to January 2011. A ministerial order was received September 12, 2011, to the CBE and other affected Boards related to the annexation and adjustments to school boundaries. The CBE school boundaries will be affected by the removal of the Spruce Meadows Lands.

The Sirocco Lands are outside of the CBE boundaries and will be part of the West Macleod Area Structure Plan within the City of Calgary boundaries. The West Macleod ASP lands will be incorporated into CBE boundaries when urban development warrants change.

Valley Ridge Extension

An extension to the Valley Ridge community had been approved by the City consisting of 35 acres of lands from the west annexation lands. The proposed development identified 175 housing units with a population of 510 people. Construction and house sales are ongoing and approximately 10-12 units were occupied between September and December 2011.

A ministerial order was received September 26, 2011, by the CBE Board Chair and other adjacent Board Chairs related to the annexation and adjustments to school boundaries. The CBE school boundaries will be adjusted by the addition of the Valley Ridge extension and removal from the Rocky View School Division. The extension is part of the Valley Ridge community and students are designated to the same schools as Valley Ridge community students.

2.0 CAPITAL STRATEGIES

2.1 Calgary Board of Education

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 2013-2016* will be to undertake the following types of projects:

- a) Program Delivery – Projects that were urgently required to enable the delivery of school programs e.g. Career and Technology Studies
- b) Neighbourhood Schools – New schools required in rapidly growing communities in order to minimize student travel times and meet community needs for a local school in their community.
- c) 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 \$800 million.

A balanced approach for the plan will be developed to ensure CBE 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) – CLS has demonstrated a steady increase in enrolments over the past several years and this trend is expected to continue with changes to the Education Act to extend student funding beyond 19 years of age. The CBE vision is a major central campus and two other locations in the city.
- Career and Technology Studies – A planned CBE strategy to address new Career and Technology Studies (CTS) curriculum requires approval of modernization projects to be undertaken in schools in each of Areas I, II, III

and V. Selected schools will deliver CTS courses and programs at exploratory, specialized and credential levels.

- Christine Meikle School – A modernization at a school is needed for this unique setting for severe and complex student needs for 12 – 19 year old school students.
- First Nations, Métis and Inuit Schools – A modernization at a school is needed for this program which is open to all students who want an Aboriginal-based education.

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 2010-2011 and Three-Year Education Plan 2011-2014 on December 6, 2011. A summary of Facilities and Capital plans 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 80%. The utilization rate is 76.8% for K-9 students and 90.4% for Grades 10-12 students. The CBE will continue to use planning strategies to improve use of facilities and increase utilization rates in Areas with low utilization.

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 2015-2016 account for additional school capacity through new construction and capacity reductions through school closure and consolidation.

Area Utilization by Student Enrolment		
Area	2011-2012 Actual K-12 Utilization	2015-2016 Projections K-12 Utilization
I	85.27%	79.58%
II	83.05%	76.81%
III	81.33%	88.84%
IV	74.00%	77.02%
V	77.70%	81.71%
Total	80.03%	80.89%

Area Utilization by Student Residence		
Area	2011-2012 Actual K-12 Utilization	2015-2016 Projections K-12 Utilization
I	102.77%	94.20%
II	65.10%	63.98%
III	98.14%	98.67%
IV	72.91%	75.49%
V	79.79%	83.02%
Total	82.21%	82.24%

Municipal Community Code Definitions

ABB	Abbeydale	FHT	Forest Heights	RSN	Redstone
ACA	Acadia	FLN	Forest Lawn	REN	Renfrew
ALB	Albert Park/Radisson Hts	GLA	Glamorgan	RIC-E	Richmond-E
ALT	Altadore	GBK	Glenbrook	RIC-W	Richmond-W
APP	Applewood Park	GDL	Glendale	RID	Rideau Park
ARB	Arbour Lake	GRV-N	Greenview-N	RIV	Riverbend
ASP	Aspen Woods	GRV-S	Greenview-S	ROC	Rocky Ridge
AUB	Auburn Bay	GRE	Greenwood/Greenbriar	RDL	Rosedale
BNF	Banff Trail	HAM	Hamptons	RMT	Rosemont
BNK	Bankview	HAR	Harvest Hills	RCK	Rosscarrock
BYV	Bayview	HAW	Hawkwood	ROX	Roxboro
BED	Beddington Hts	HAY	Haysboro	ROY	Royal Oak
BEL	Bel-Aire	HID	Hidden Valley	RUN	Rundle
BLN	Beltline	HPK	Highland Park	RUT	Rutland Park
BDO	Bonavista Downs	HIW	Highwood	SAD	Saddle Ridge
BOW-N	Bowness-N	HIL	Hillhurst	SRI	Saddle Ridge Industrial
BOW-S	Bowness-S	HOU	Hnsfld Hts/Briar Hill	SGH	Sage Hill
BRA	Braeside	HUN	Huntington Hills	SAN	Sandstone Valley
BRE	Brentwood	ING	Inglewood	SCA	Scarboro
BRD	Bridgeland/Riverside	KEL	Kelvin Grove	SSW	Scarboro/Sunalta West
BRI	Bridlewood	KIL	Killarney/Glengarry	SCE	Scenic Acres
BRT	Britannia	KCA	Kincora	SET	Seton
CAM	Cambrian Hts	KIN	Kingsland	SHG	Shaganappi
CAN	Canyon Meadows	LKB	Lake Bonavista	SHS	Shawnee Slopes
CAP	Capitol Hill	LKV	Lakeview	SHN	Shawnessy
CAS	Castleridge	LEG	Legacy	SHW	Sherwood
CED	Cedarbrae	LPK	Lincoln Park	SIG	Signal Hill
CFC	CFB – Currie	LMR	Lower Mount Royal	SIL	Silver Springs
CFL	CFB - Lincoln Park PMQ	LYX	Lynx Ridge	SVO	Silverado
CHA	Chaparral	MAC	MacEwan Glen	SKR	Skyview Ranch
CHW-N	Charleswood-N	MAH	Mahogany	SOM	Somerset
CHW-S	Charleswood-S	MAN	Manchester	SOC	South Calgary
CHN	Chinatown	MPL	Maple Ridge	SMC	South Macleod ASP
CHK	Chinook Park	MRL	Marlborough	SOV	Southview
CHR	Christie Park	MPK	Marlborough Park	SOW	Southwood
CIT	Citadel	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		
FAL	Falconridge	RED	Red Carpet		

2.4 Planning and Consolidation of Surplus Space

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 and Transportation Services department in consultation with Area Directors. Administration is responsible for engaging internal and external stakeholders regarding student accommodation challenges. The System Student Accommodation Plan 2011-2014 was received for information at the June 14, 2011, 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. Currently, 141 elementary schools provide kindergarten programs. Of these, only sixteen elementary schools and the Children's Village School offer full day kindergarten.

Should there be a provincial requirement for full day kindergarten, a number of schools at or near full capacity would have emergent space issues. There are approximately 50 schools where there would be insufficient space for a proposed full day kindergarten, and one or more classrooms would be needed beyond current capacity to meet this mandate. Possible impacts on 50 plus schools would be a change in grade levels provided in the schools and increased bus transportation of students.

The overall CBE school utilization rate would increase by three percent from 80% to 83% with full day kindergarten and, there are significant implications for many schools that are approaching, or at 100% utilization. Further detailed reviews of each school, and the cost implications involved, would need to be undertaken by the CBE.

Potential School Space Consolidation

The CBE is strongly committed to effective use of space and resources. Consolidation of schools with low enrolments and the consolidation of programs will continue in future years through the Three-Year System Student Accommodation Plan. Potential school space consolidation will be dependent upon future direction associated with full day kindergarten.

Areas with low enrolments require effective strategies for programming for students and, in some cases this is achieved through a school consolidation. In other Areas, a combination of program consolidation through introduction of alternative programs and other strategies is required. The Three-Year System Student Accommodation Plan identifies future accommodation issues and challenges for the five Areas. Strategies identified in this Three-Year School Capital Plan are consistent with the Three-Year System Student Accommodation Plan.

There are currently five schools that are under construction. There will be 5,100 student spaces added to the CBE over the next two school years and potential school space consolidation will need to be evaluated. The Three-Year System Student Accommodation Plan will identify issues and challenges that may lead to consideration of closures of schools or programs on an annual basis.

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/Schools/ceop/pdfs/SSAP2011-2014.pdf>

2.5 New School Construction and School Approvals

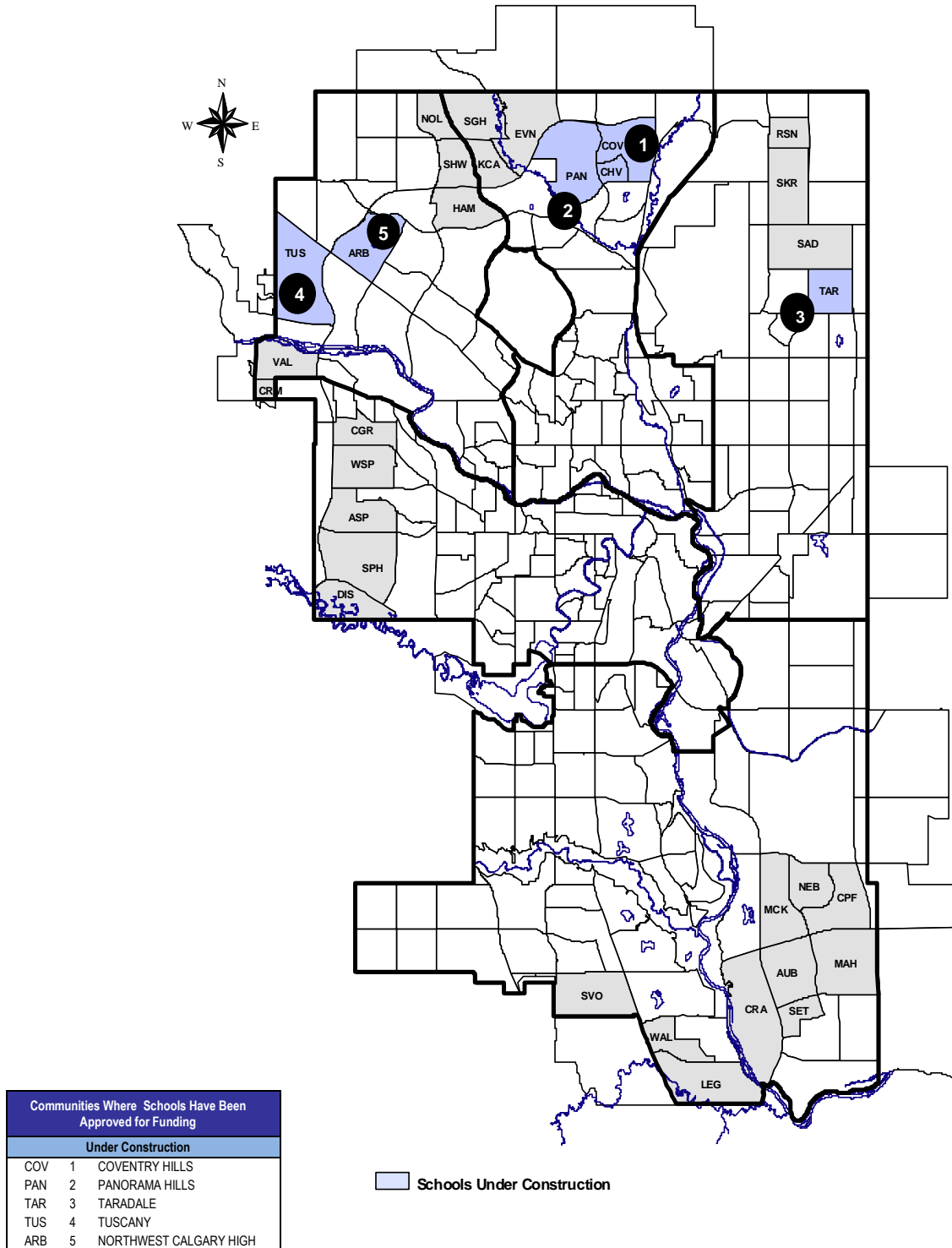
The Province undertook four middle schools and one senior high school as part of the Alberta Schools Alternative Procurement Phase II. The schools are well into construction and the middle schools are expected to open for the 2012-2013 school year.

Future School Openings				
School Year Opening	School	Grade	Approved Capacity	Approval Date
2012-2013	Coventry Hills Middle	Grades 5-9	900	January 30, 2008
	Panorama Hills Middle	Grades 5-9	900	January 30, 2008
	Taradale Middle	Grades 5-9	900	January 30, 2008
	Tuscany Middle	Grades 5-9	900	January 30, 2008
2013-2014	Northwest Calgary High	Grades 10-12	1,500	January 30, 2008
Total School Capacity			5,100	

Map 3 identifies the location of schools approved for funding that are under construction.

Map 3

School Construction Projects



Prepared by Capital & Urban Planning Services
September 2011

V:\Elayne\2011\2011 AVSchool\Projects\New School Construction\2012 New Construction

2.6 School Major Modernization

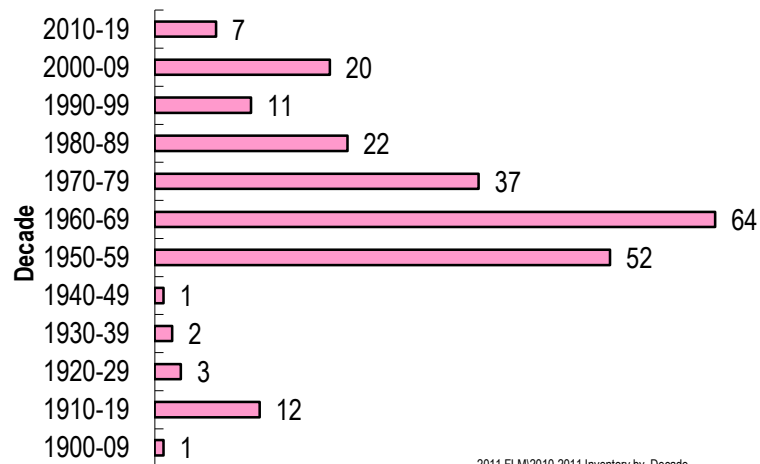
School major modernization projects provide for the renovation of whole or part of a school building for present and future educational programs to address physical obsolescence and/or improve functional adequacy and suitability. School major modernization projects should not exceed 75% of the replacement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

A modernization of Lord Shaughnessy High School to enable the delivery of the new Career and Technology Curriculum was approved for \$9 million. This project started in April 2010 and the projected completion date is scheduled for fall 2012.

A modernization of three school facilities to accommodate Chinook Learning Services was approved in 2011 for \$10.5 million. This project is currently in the planning stages.

From the 241 CBE-owned facilities, 232 are school buildings. One-hundred and thirty-eight of the school buildings are more than 40 years old. This represents 60% of the school building inventory. The current inventory by decade of CBE school buildings is shown in the following graph:

Current School Building Inventory by Decade



2011 FLM/2010-2011 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.

There are 20 modernization projects that have been included as part of this year's Capital Plan.

A planned CBE strategy to address the new Career and Technology Studies (CTS) 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 CTS courses to students in each of the four Areas. The Lord Shaughnessy High School modernization in Area IV is under construction and is the first modernization project undertaken for the Career and Technology Studies curriculum. As well, Piitoayis Family School and Christine Meikle School have been placed in priority order. The remaining modernization priorities for the School Capital Plan are ranked. Key factors for ranking and the schools evaluated are in Appendix II.

2.7 Alternative Funding Models

In view of the lack of capital project approvals from the last four School Capital Plan submissions, the CBE continues to be willing to examine alternative funding models with government groups, borrowing money or issuing bonds to address new school construction, and school modernization needs for the City. Alternative funding models could be used to supplement the CBE's funding from the provincial government and ongoing discussions will help to determine future opportunities.

The CBE will actively engage the various levels of government to reduce and possibly eliminate the various regulatory barriers that exist, and prohibit the implementation of innovative and supplementary capital funding models and mechanisms. Administration continues to encourage the Provincial Government to make changes to the Capital Borrowing Regulation, to facilitate additional opportunities in support of alternative funding mechanisms in school districts. There is a need to reopen the School Act to facilitate these changes. The revisions to the School Act and subsequent revisions to the Capital Borrowing Regulations have now been further delayed until at least the spring of 2012.

To make effective use of all potential capital funding sources, the CBE continues to investigate and leverage alternative funding mechanisms to support the mitigation of the significant backlog in deferred maintenance within the CBE. Administration will continue to consider Performance Contracting in cases where this could be a viable financial model for attending to maintenance work that benefits the school learning environment.

2.8 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 sits 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 city-wide initiatives such as the new Land Use Bylaw, annexation and *Plan It Calgary*. The CBE has participated recently with other stakeholder groups on "Framework for Growth and Change" activities that are currently being dealt with at City Council.
- The CBE and the City are involved in ecologically friendly initiatives that represent a mutual commitment to responsible environmental stewardships. In this domain, the CBE's Eco-Team meshes well with the City's commitment to responsible stewardship of the Calgary environment. The CBE's Eco-Team was awarded the 2009 Emerald Award in the Government Institution category.

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.

The CBE has developed a standardized process to evaluate new school construction for school attendance areas in the new and developing municipal communities. This ranking criteria was approved by the Board of Trustees on November 16, 2010. This approach is designed to be transparent, equitable, and fair to all municipal communities.

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 2013-2016 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 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 24,000 people. 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 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 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: preschool census/student enrolment; community build-out potential/student enrolment; and, annual average population growth.

- **Busing and Travel Time**

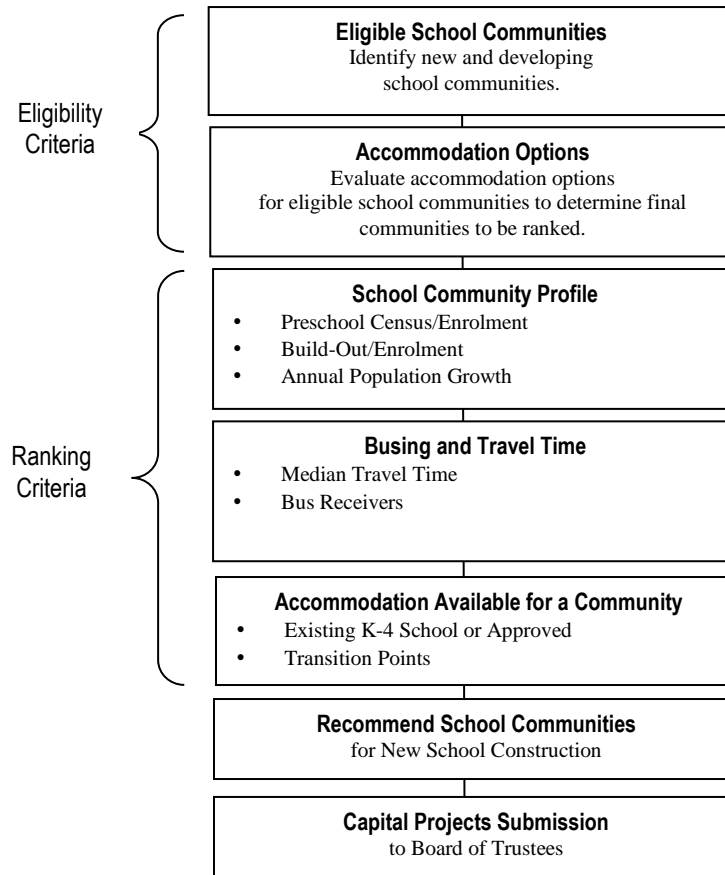
Point assignments are given to school communities based on Busing and Travel Time assessment. Based on this information, two categories have been developed for ranking purposes: median travel time and number of bus receivers.

- **Accommodation Available for a Community**

Two additional categories exist for middle schools to reflect continuity of accommodation plans. Points will be awarded if an existing K-4 school has been approved or constructed in a community. As well, 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.

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

**Three-Year School Capital Plan 2013-2016
New School Construction Evaluation Process**



3.2 Construction Planning Criteria: Senior High Schools

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

Senior High Area Utilization		
Area	Residence Utilization	Enrolment Utilization
Area I	150.06%	100.59%
Area II	58.57%	90.97%
Area III	139.95%	88.19%
Area IV	82.86%	89.02%
Area V	94.69%	87.68%

Notes:

- Student residence and enrolment as at September 30, 2011
- Capacity is based on Alberta Infrastructure's Area, Capacity and Utilization Report

Area I indicated a very strong demand based upon 150% utilization by residence and 101% utilization by enrolment and this demand will be met with construction of the new Northwest Calgary High School to open for the 2013-2014 school year.

The greatest demand for new senior high school construction is a 1,800-capacity senior high in the northeast. Utilization rates for the northeast are 140% utilization by residence and 88% utilization by enrolment. Area III has the greatest priority with only three high schools. One of these schools, Jack James, provides an emphasis on Knowledge and Employability courses. Greater detail related to senior high schools and priorities is discussed in Section 3.4.

There is also demand in Area V based upon 95% utilization by residence and 88% utilization by enrolment. Increased population growth in the developing communities in Area V will put pressure on existing schools. Over 50% of the city growth over the next five years is expected to occur in the south and southeast developing communities of the city.

3.3 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:

School Communities				
Rank	Community	Points	Sector	Grade
1	Saddle Ridge Middle	125	5	Gr. 5-9
2	Copperfield Elementary	100	9	K-4
3	Evanston Elementary	100	4	K-4
4	New Brighton Elementary	100	9	K-4
5	New Brighton/Copperfield Middle	95	9	Gr. 5-9
6	Royal Oak/Rocky Ridge Middle	95	2	Gr. 5-9
7	Evergreen Middle	90	9	Gr. 5-9
8	Panorama Hills Elementary ⁽²⁾	90	4	K-4
9	Auburn Bay Elementary	85	9	K-4
10	West Springs/Cougar Ridge Middle	85	6	Gr. 5-9
11	Springbank Hill Elementary	80	6	K-4
12	Aspen Woods Elementary	75	6	K-4
13	McKenzie Towne Middle	75	9	Gr. 5-9
14	Tuscany Elementary ⁽²⁾	75	1	K-4

Note:

- (2) is second elementary

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.

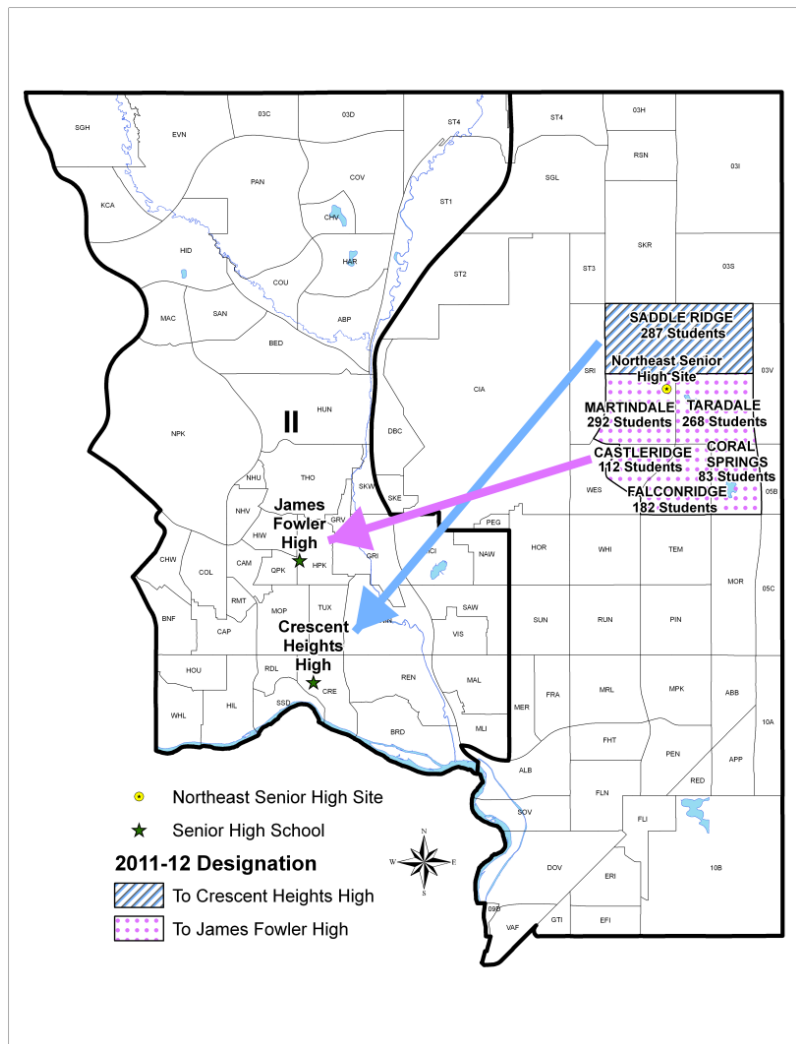
When there are ties in the ranking between communities, the community with the stronger community profile (enrolments, preschool census) will be placed ahead as was the case of Copperfield (#2) over Evanston (#3) and New Brighton (#4). In the case of a tie of communities having schools, a middle school for Evergreen (#7) will rank ahead of Panorama Hills which has an elementary and a middle school (approved and under construction).

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.

Northeast High School

A high priority for new high school construction is in the northeast. Lester B. Pearson High School and Forest Lawn High School are currently unable to accommodate all Area III senior high students. Area III has a large student population by residence with 6,740 senior high students. Students residing in the communities of Castleridge, Coral Springs, Falconridge, Martindale, and Taradale are



designated to James Fowler, located in the Highland Park community (Area II) and students residing in the community of Saddle Ridge are designated to Crescent Heights, located in the Crescent Heights community (Area II). Skyview Ranch is a new developing community north of Saddle Ridge and students are designated to Forest Lawn (Area III).

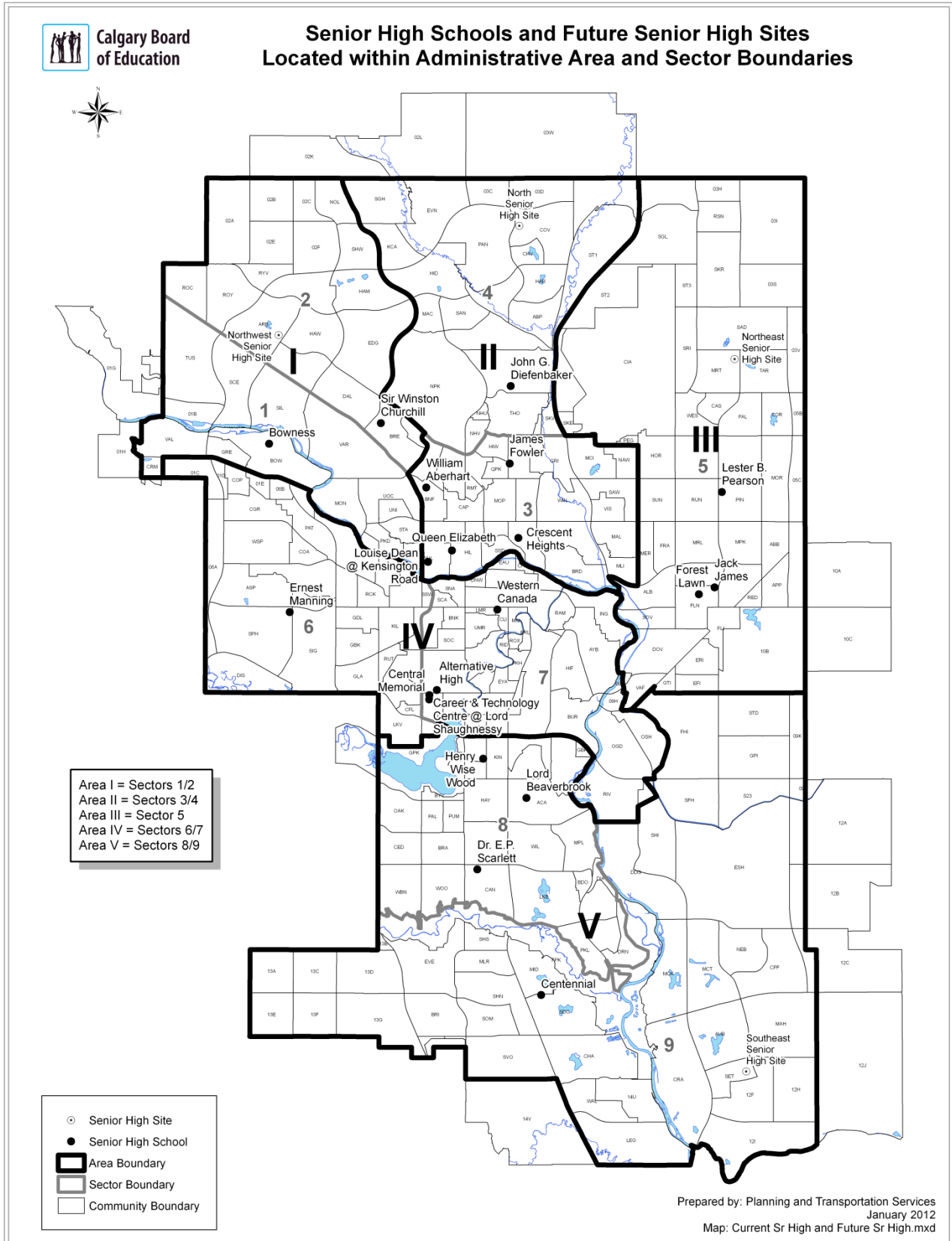
There are 1,224 students from communities north of McKnight Boulevard NE that attend James Fowler High School and Crescent Heights High School. Communities north of McKnight Boulevard NE will have a build-out population of 70,000 people and generate over 1,800 students in Grades 10-12.

The CBE has an 18.6 acre northeast senior high school site on the north portion of a 48-acre joint use site in the Martindale community. The site also accommodates the recently opened Genesis Centre of Community Wellness. Partners of the project are: the Northeast Centre Community Society, YMCA, Public Library, and The City of Calgary.

Centennial High School

The current attendance area for Centennial High School includes the communities of Bridlewood, Chaparral, Evergreen, Midnapore, Millrise, Shawnee Slopes, Shawnessy, Somerset, and Sundance. The school has a capacity of 1807 students and is currently at 104% utilization rate based on September 30, 2011 enrolments. Additional space is required at Centennial High School to accommodate the anticipated growth of the developing communities in Area V.

A 400 student capacity addition at Centennial High School is identified as a priority project in this Three-Year School Capital Plan 2013-2016. The addition will also include space to deliver Career and Technology Study courses and programs to students at exploratory, specialized and credential levels.



4.0 THREE-YEAR SCHOOL CAPITAL PLAN 2013-2016 – 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 prioritize 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 and prioritized 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 2011 Alberta Infrastructure support prices. Sections 5.0 through 6.0 provide details of the recommended projects.

Projects are listed in order of priority. There has not been an approval since January 30, 2008, for new school construction and there is a backlog of priorities. 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 to 7.0) 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**.

Three-Year School Capital Plan 2013-2016

Table 1: New School Construction			
Three-Year School Capital Plan 2013-2016 Priorities			
Priority Ranking – Project Description			
Community/School	Grade	Project Type	2011 Cost (\$)
C-1 Saddle Ridge Middle	Gr. 5-9	New School	26,000,000
C-2 Northeast Calgary High	Gr. 10-12	New School	50,000,000
C-3 Copperfield Elementary	K-4	New School	14,500,000
C-4 Evanston Elementary	K-4	New School	14,500,000
C-5 New Brighton Elementary	K-4	New School	14,500,000
C-6 New Brighton/Copperfield Middle	Gr. 5-9	New School	26,000,000
C-7 Royal Oak/Rocky Ridge Middle	Gr. 5-9	New School	26,000,000
C-8 Centennial High School	GR. 10-12	New Addition	8,000,000
C-9 Evergreen Middle	Gr. 5-9	New School	26,000,000
C-10 Panorama Hills Elementary ⁽²⁾	K-4	New School	14,500,000
C-11 Auburn Bay Elementary	K-4	New School	14,500,000
C-12 West Springs/Cougar Ridge Middle	Gr. 5-9	New School	26,000,000
C-13 Springbank Hill Elementary	K-4	New School	14,500,000
C-14 Aspen Woods Elementary	K-4	New School	14,500,000
C-15 McKenzie Towne Middle	Gr. 5-9	New School	26,000,000
C-16 Tuscany Elementary ⁽²⁾	K-4	New School	14,500,000
Total			330,000,000

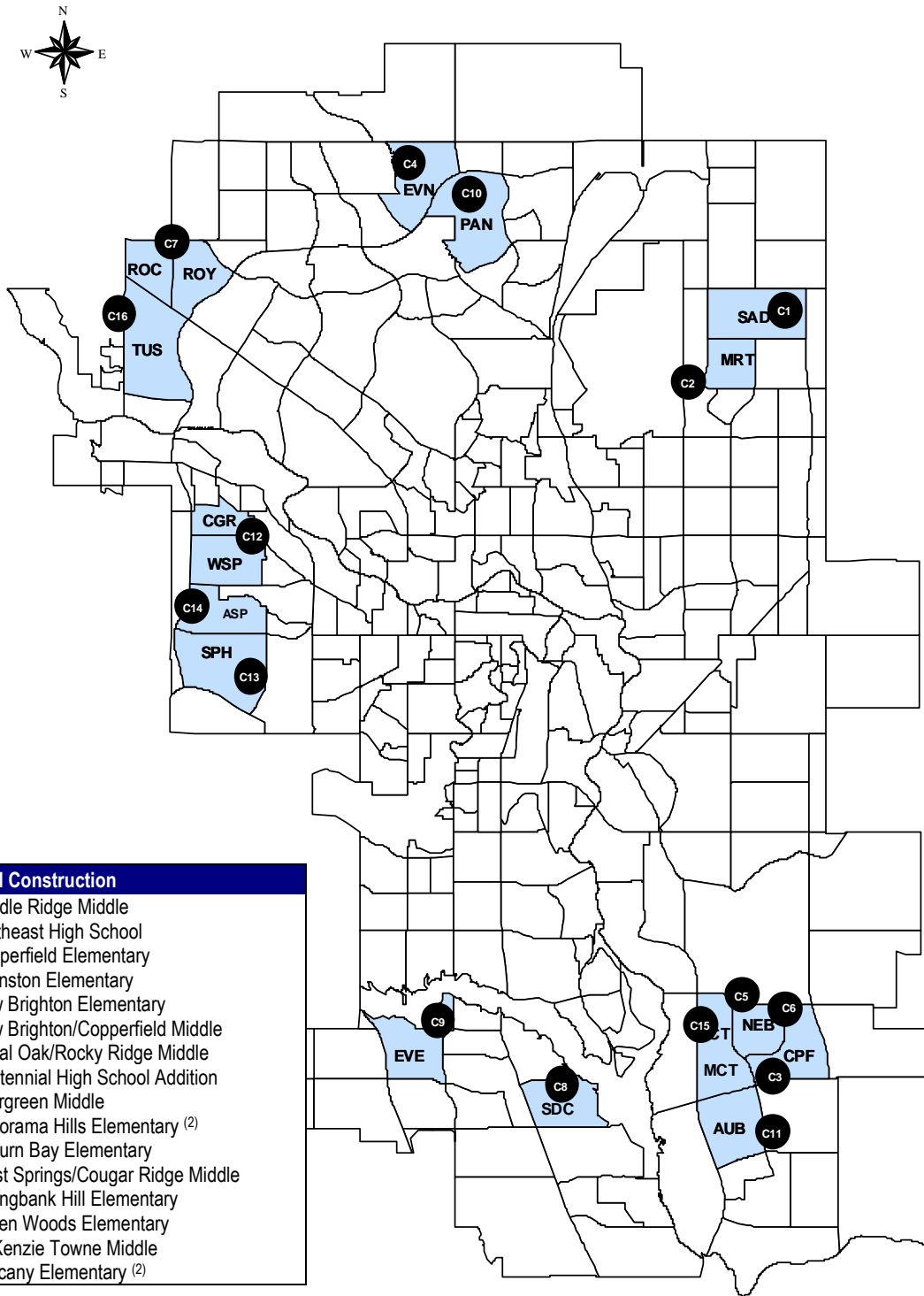
Note: ⁽²⁾ = second elementary school for the community

Table 2: School Major Modernizations			
Three-Year School Capital Plan 2013-2016 Priorities			
Community/School	Grade	Project Type	2012 Cost (\$)
M-1 Chinook Learning Services		Major Modernization	15,000,000
M-2 Area I High Schools (CTS Program)	Gr. 10-12	Major Modernization	32,000,000
M-3 Christine Meikle School	Gr. 7-12	Major Modernization	12,000,000
M-4 First Nations, Métis and Inuit Schools	K-6	Major Modernization	23,000,000
M-5 Area II and III High Schools (CTS Program)	Gr. 10-12	Major Modernization	43,000,000
M-6 Area V High Schools (CTS Program)	Gr. 10-12	Major Modernization	25,000,000
M-7 Altadore School	K-6	Major Modernization	9,000,000
M-8 Nickle School	Gr. 5-9	Major Modernization	12,000,000
M-9 Senator Patrick Burns School	Gr. 5-9	Major Modernization	13,000,000
M-10 A.E. Cross School	Gr. 7-9	Major Modernization	16,000,000
M-11 Sir Wilfrid Laurier School	Gr. 5-9	Major Modernization	11,000,000
M-12 Dr. J.K. Mulloy School	K-6	Major Modernization	10,000,000
M-13 Henry Wise Wood High School	Gr. 9-12	Major Modernization	20,000,000
M-14 Simon Fraser School	Gr. 5-9	Major Modernization	13,000,000
M-15 Elboya School	K-9	Major Modernization	16,000,000
M-16 Woodman School	Gr. 5-9	Major Modernization	14,000,000
M-17 Sir John A. Macdonald School	Gr. 7-9	Major Modernization	12,000,000
M-18 Thomas B. Riley School	Gr. 5-9	Major Modernization	11,000,000
M-19 Fairview School	Gr. 5-9	Major Modernization	14,000,000
M-20 Sherwood School	Gr. 5-9	Major Modernization	16,000,000
Total			337,000,000

Three-Year School Capital Plan 2013-2016

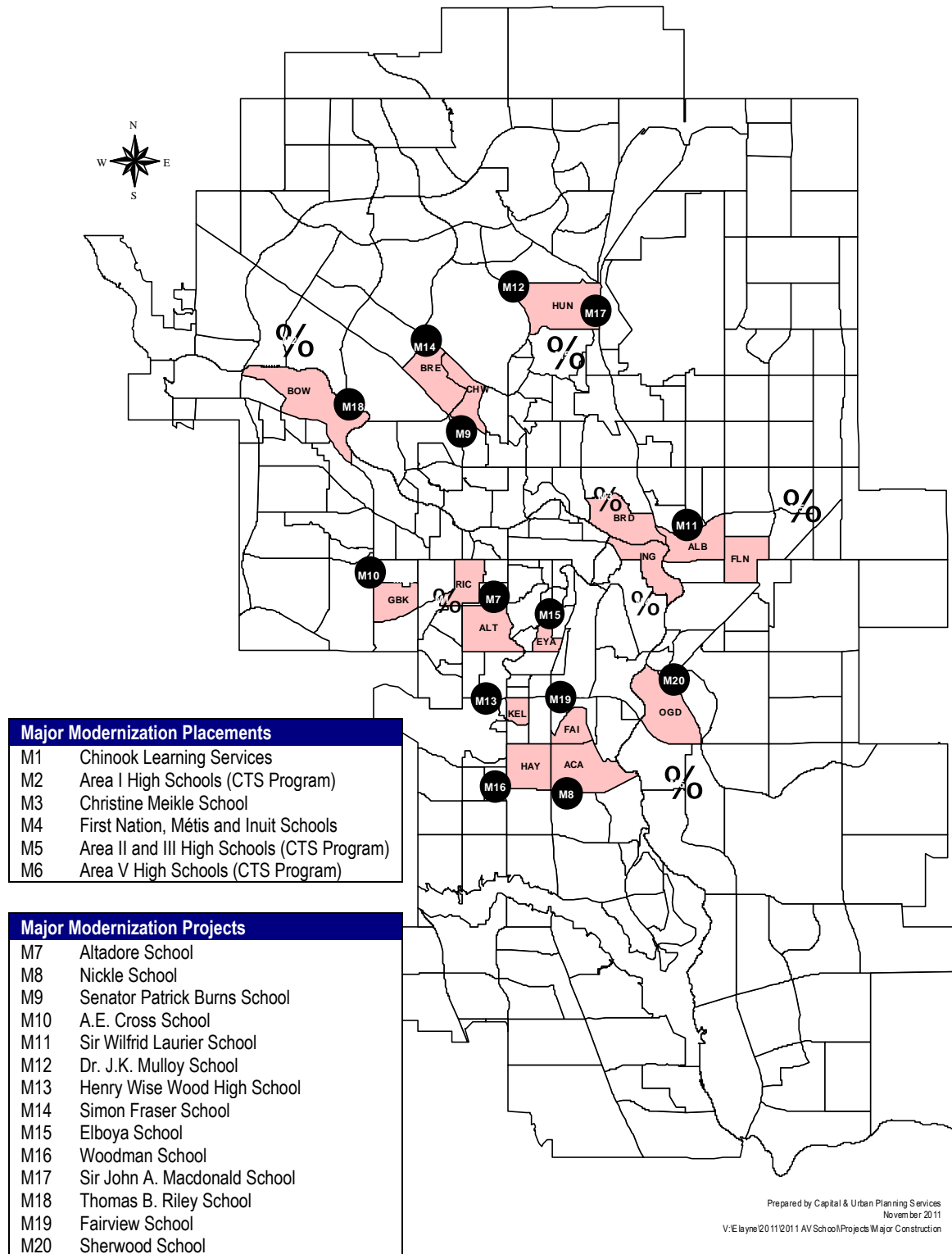
Table 3: New School Construction and Major Modernizations				Number of Years Listed in Capital Plan
Year 1: 2013-2014 School Capital Plan Priorities				
Priority Ranking – Project Description				
Community/School	Grade	Project Type	Cost (\$)	
1 Chinook Learning Services		Major Modernization	15,000,000	4
2 Saddle Ridge Middle	Gr. 5-9	New School	26,000,000	4
3 Northeast High School	Gr. 10-12	New School	50,000,000	7
4 Area I High Schools (CTS Program)	Gr. 10-12	Major Modernization	32,000,000	3
5 Copperfield Elementary	K-4	New School	14,500,000	6
6 Evanston Elementary	K-4	New School	14,500,000	2
7 New Brighton Elementary	K-4	New School	14,500,000	4
8 Christine Meikle School	Gr. 7-12	Major Modernization	12,000,000	3
9 New Brighton/Copperfield Middle	Gr. 5-9	New School	26,000,000	3
10 Royal Oak/Rocky Ridge Middle	Gr. 5-9	New School	26,000,000	7
11 First Nations, Métis, and Inuit School	K-4	Major Modernization	23,000,000	5
12 Centennial High School Addition	Gr. 10-12	New Addition	8,000,000	3
13 Area II & III High Schools (CTS Program)	Gr. 10-12	Major Modernization	43,000,000	3
14 Evergreen Middle	Gr. 5-9	New School	26,000,000	7
15 Panorama Hills Elementary ⁽²⁾	K-4	New School	14,500,000	1
16 Area V High Schools (CTS Program)	Gr. 10-12	Major Modernization	25,000,000	3
Year 1 Total			370,000,000	
Year 2 and Year 3: 2014-2015 and 2015-2016 School Capital Plan Priorities				
17 Auburn Bay Elementary	K-4	New School	14,500,000	1
18 West Springs/Cougar Ridge Middle	Gr. 5-9	New School	26,000,000	6
19 Springbank Hill Elementary	K-4	New School	14,500,000	4
20 Altadore School	K-6	Major Modernization	9,000,000	4
21 Nickle School	Gr. 5-9	Major Modernization	12,000,000	4
22 Senator Patrick Burns School	Gr. 5-9	Major Modernization	13,000,000	4
23 A.E. Cross School	Gr. 7-9	Major Modernization	16,000,000	3
24 Sir Wilfrid Laurier School	Gr. 5-9	Major Modernization	11,000,000	4
25 Dr. J.K. Mulloy School	K-6	Major Modernization	10,000,000	4
26 Aspen Woods Elementary	K-4	New School	14,500,000	0
27 McKenzie Towne Middle	Gr. 5-9	New School	26,000,000	9
28 Tuscanv Elementary ⁽²⁾	K-4	New School	14,500,000	3
29 Henry Wise Wood High School	Gr. 9-12	Major Modernization	20,000,000	3
30 Simon Fraser School	Gr. 5-9	Major Modernization	13,000,000	0
31 Elboya School	K-9	Major Modernization	16,000,000	4
32 Woodman School	Gr. 5-9	Major Modernization	14,000,000	3
33 Sir John A. MacDonald School	Gr. 7-9	Major Modernization	12,000,000	3
34 Thomas B. Riley School	Gr. 5-9	Major Modernization	11,000,000	4
35 Fairview School	Gr. 5-9	Major Modernization	14,000,000	4
36 Sherwood School	Gr. 5-9	Major Modernization	16,000,000	8
Year 2 and Year 3 Total			297,000,000	
GRAND TOTAL			667,000,000	

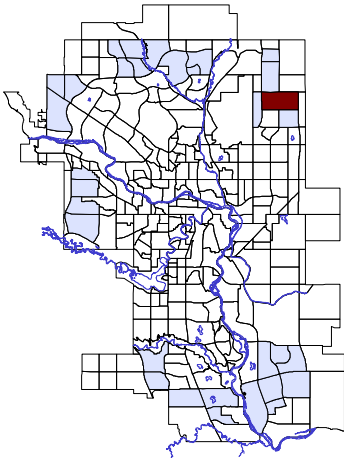
2013-2016 - New School Construction Projects

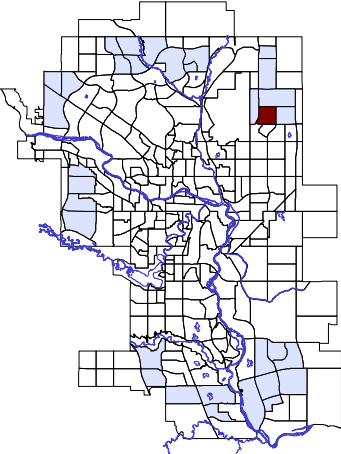


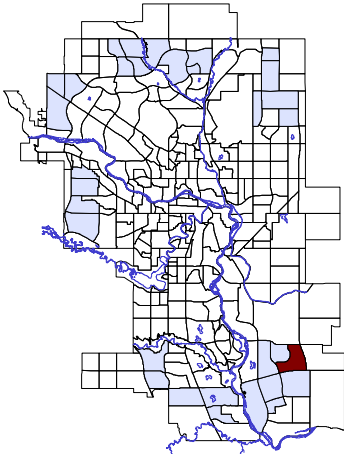
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November 2011
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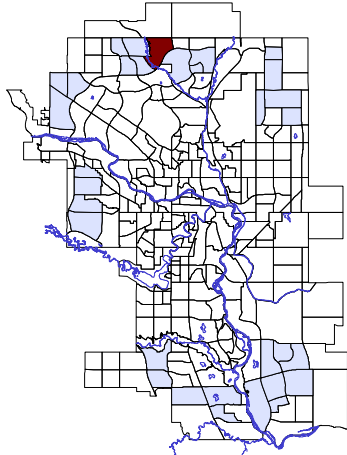
2013-2016 – Major Modernization Projects

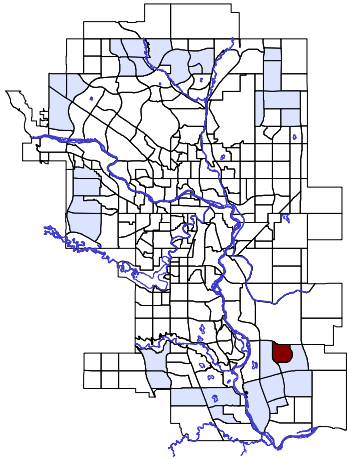


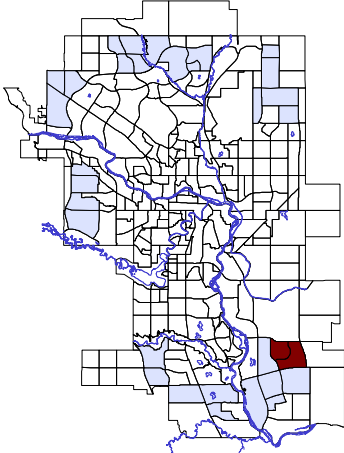
5.0	2013-2016 SCHOOL CAPITAL PLAN
New Construction	
Priority 1 – Saddleridge Middle (C-1) Overall Priority 2	
School Community Profile	
<p>Saddle Ridge Community began development in 2000 and is situated in the Northeast sector of the City immediately west of 68 Street NE and north of the Martindale community.</p> <ul style="list-style-type: none"> • As of the April 2011 Census, the total number of occupied dwelling units in Saddle Ridge was 3,370 with a population of 13,388. • The Saddle Ridge community is planned for an estimated 7,930 housing units with a population capacity of 22,200 to 24,500. • The community had an average annual population growth of 801 persons during the past three-year period and has completed approximately 42% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> • As of September 30, 2011, there were 657 Kindergarten to Grade 4 and 497 Grades 5-9 students residing in the Saddle Ridge 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 Saddle Ridge. The Saddle Ridge School (K-3) opened for the 2010-2011 school year. Saddle Ridge (Grades 4-6) students are bussed to Marlborough. • Saddle Ridge junior high students are currently bussed to Bob Edwards School, which is located in the Marlborough community in Area III. Median travel time to Bob Edwards 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 sixteen units. The capacity of the school will be 900 student spaces. • The total project cost is budgeted at \$26 million, including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance. 	

5.0	2013-2016 SCHOOL CAPITAL PLAN
New Construction	
Priority 2 - Northeast Calgary High (C-2) Overall Priority 3	
School Community Profile	
<p>The Northeast High School will serve the residents of the developing and established communities north of McKnight Boulevard NE.</p> <ul style="list-style-type: none"> • Currently, the northeast area is served by Forest Lawn High School, Jack James High School, and Lester B. Pearson High School in Area III, and by Crescent Heights High School and James Fowler High School in Area II. • A site is available in Martindale for a new senior high school. The senior high school will be on the north portion of the 48-acre site and the Genesis Centre will be on the south half of the site (see Section 3.4 for details). 	
Enrolment Profile	
<ul style="list-style-type: none"> • Area III has a utilization rate by residence of 140% and a utilization rate by enrolment of 88%. • Lester B. Pearson has a provincial capacity of 1,715 student spaces and a utilization rate by enrolment of 97% and is operating at peak capacity for its design. The provincial capacity is considered to be approximately 200 spaces greater than the school can comfortably accommodate. • Jack James has a net capacity of 885 student spaces for a utilization rate by enrolment of 93%. A large number of students are in the Knowledge and Employability classes. • Forest Lawn has a utilization rate by enrolment of 80%. • Crescent Heights and James Fowler are located in Area II and accommodate additional demand for students from Area III. There are 1,224 students from the northeast communities of Castleridge, Coral Springs, Falconridge, Martindale, Saddle Ridge and Taradale that attend James Fowler and Crescent Heights. 	
Site Planning and Transportation	
Several communities in the northeast are bussed to Area II 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 \$50 million; including the CTS space allowance and an allowance for CTS equipment in the amount of \$1 million. 	

5.0	2013-2016 SCHOOL CAPITAL PLAN
New Construction	
Priority 3 - Copperfield Elementary (C-3) Overall Priority 5	
School Community Profile	
<p>Copperfield Community began development in 2002 and is located in the Southeast sector of the City, east of New Brighton and McKenzie Towne and north of Marquis of Lorne Trail SE.</p> <ul style="list-style-type: none"> As of the April 2011 Census, the total number of occupied dwelling units in Copperfield was 2,557 with a population of 7,162. The Copperfield community is planned for an estimated 5,250 housing units with a population capacity of 12,200 to 13,500. The community had an average annual population growth of 830 persons during the past three-year period and has completed approximately 49% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> As of the April 2011 Census, there were 712 public preschool-aged children. As of September 30, 2011, there were 265 Kindergarten to Grade 4 students residing in Copperfield who attended CBE schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> There is one elementary school site in Copperfield. Copperfield K-4 students are currently accommodated in Maple Ridge School located in the Maple Ridge community in Area V. Median travel time to Maple Ridge School is 28 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 twelve units. The capacity of the school will be 600 student spaces. The total project cost is budgeted at \$14.5 million. 	

5.0	2013-2016 SCHOOL CAPITAL PLAN
New Construction	
Priority 4 - Evanston Elementary (C-4) Overall Priority 6	
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 2011 Census, the total number of occupied dwelling units was 1,896 with a population of 5,889. • The community is planned for an estimated 6,480 housing units with a population capacity of 15,800 to 17,500. • The community has had an average annual population growth of 713 persons during the past three-year period and has completed approximately 29% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> • As of the April 2011 Census, there were 565 public preschool-aged children in Evanston. • As of September 30, 2011, there were 260 Kindergarten to Grade 4 students residing in the Evanston community that 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 elementary students are bussed to Cambrian Heights School, which is located in the Cambrian Heights community in Area II. Median travel time to Cambrian Heights is 33 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 twelve units. The capacity of the school will be 600 student spaces. • The total project cost is budgeted at \$14.5 million. 	

5.0	2013-2016 SCHOOL CAPITAL PLAN
New Construction	
Priority 5 - New Brighton Elementary (C-5) Overall Priority 7	
School Community Profile	
<p>New Brighton Community began development in 2002 and is located in the Southeast sector of the City, immediately east of the McKenzie Towne community, south of 130 Avenue SE and north of McIvor Boulevard SE.</p> <ul style="list-style-type: none"> • As of the April 2011 Census, the total number of occupied dwelling units in New Brighton was 2,590 with a population of 7,314. • The community is planned for an estimated 4,330 housing units with a population capacity of 11,100 to 12,200. • The community had an average annual population growth of 1,124 persons during the past three-year period and has completed approximately 60% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> • As of the April 2011 Census, there were 631 public preschool-aged children. • As of September 30, 2011, there were 273 Kindergarten to Grade 4 students residing in New Brighton who attended CBE schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> • There is one elementary and one middle school site in New Brighton. The middle school site will also serve Copperfield. • New Brighton students are currently accommodated in Acadia School located in the Acadia community in Area V. Median travel time to Acadia is 32 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 twelve units. The capacity of the school will be 600 student spaces. • The total project cost is budgeted at \$14.5 million. 	

5.0	2013-2016 SCHOOL CAPITAL PLAN
New Construction	
Priority 6 - New Brighton/Copperfield Middle (C-6) Overall Priority 9	
School Community Profile	
<p>New Brighton Community began development in 2002 and is situated in the southwest, north of McIvor Boulevard SE, south of 130 Avenue SE and east of 52 Street SE.</p> <ul style="list-style-type: none"> • As of the April 2011 Census, the total number of occupied dwelling units was 2,590 with a population of 7,314. The community is planned for an estimated 4,330 housing units with a population capacity of 11,100 to 12,200. • The community had an average annual population growth of 1,133 persons during the past three-year period and has completed approximately 60% of its development. 	
	
<p>Copperfield Community began development in 2002 and is located in the southwest, north of Marquis of Lorne TR SE and south of 130 Avenue SE.</p> <ul style="list-style-type: none"> • As of the April 2011 Census, the total number of occupied dwelling units was 2,557 with a population of 7,162. The community is planned for an estimated 5,250 housing units with a population capacity of 12,200 to 13,500. • The community had an average annual population growth of 830 persons during the past three-year period and has completed approximately 49% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> • As of September 30, 2011, there were 273 Kindergarten to Grade 4 students and 189 Grades 5-9 students residing in the New Brighton community who attended CBE schools. • As of September 30, 2011, there were 265 Kindergarten to Grade 4 students and 220 Grades 5-9 students residing in the Copperfield community who attended CBE schools. 	

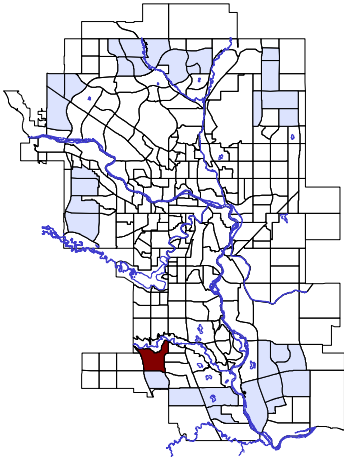
5.0	2013-2016 SCHOOL CAPITAL PLAN
New Construction	
Priority 6 - New Brighton/Copperfield Middle (C-6) Overall Priority 9	
Site Planning and Transportation	
<ul style="list-style-type: none">• There is one elementary and one middle school site in the New Brighton community and one elementary site located in the Copperfield community. The new middle school will be located on the middle school site in New Brighton.• New Brighton middle school students are bussed to David Thompson School, which is located in the Acadia community in Area V. Copperfield middle school students are bussed to R.T. Alderman School, which is located in the Maple Ridge community. Median travel time to David Thompson and R.T. Alderman is 28 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 sixteen units. The capacity of the school will be 900 student spaces.• The total project cost is budgeted at \$26 million, including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance.	

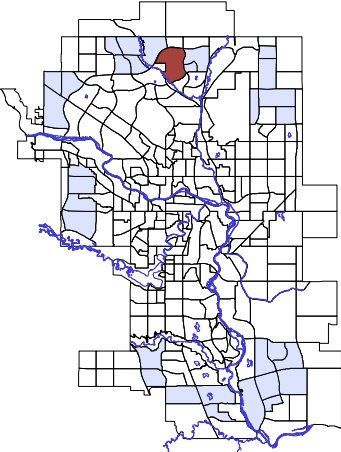
5.0	2013-2016 SCHOOL CAPITAL PLAN
New Construction	
Priority 7 - Royal Oak/Rocky Ridge Middle (C-7) Overall Priority 10	
School Community Profile	
<p>Royal Oak Community began development in 1996 and is situated in the northwest, north of Crowchild Trail NW and west of Stoney Trail NW.</p> <ul style="list-style-type: none"> As of the April 2011 Census, the total number of occupied dwelling units was 3,753 with a population of 10,979. The community is planned for an estimated 3,820 housing units with a population capacity of 11,500. The community had an average annual population growth of 356 persons during the past three-year period and has completed approximately 98% of its development. <p>Rocky Ridge Community began development in 1995 and is located in the northwest, north of Crowchild Trail and west of Rocky Ridge Road NW.</p> <ul style="list-style-type: none"> As of the April 2011 Census, the total number of occupied dwelling units was 2,776 with a population of 7,266. The community is planned for an estimated 3,160 housing units with a population capacity of 8,200. The community had an average annual population growth of 178 persons during the past three-year period and has completed approximately 88% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> As of September 30, 2011, there were 549 Kindergarten to Grade 4 students and 371 Grades 5-9 students residing in the Royal Oak community who attended CBE schools. As of September 30, 2011, there were 312 Kindergarten to Grade 4 students and 250 Grades 5-9 students residing in the Rocky Ridge community who attended CBE schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> Royal Oak School (K-4), located on the south portion of the joint use site, opened for the 2010-2011 school year. There is one middle school site in Royal Oak located on the north portion of the joint use site. Royal Oak and Rocky Ridge Grades 5-9 students are bussed to Simon Fraser School, which is located in the Brentwood community in Area I. Median travel time to Simon Fraser is 30 minutes. 	

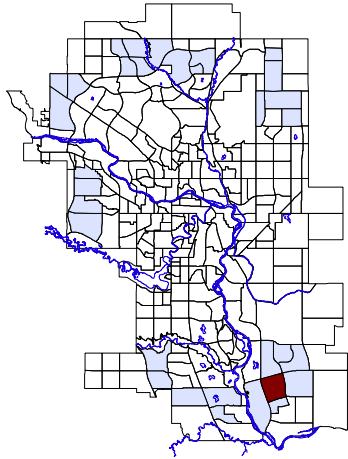
5.0	2013-2016 SCHOOL CAPITAL PLAN
New Construction	
Priority 7 - Royal Oak/Rocky Ridge Middle (C-7) Overall Priority 10	
Recommendation	
<ul style="list-style-type: none">• Construct a middle school for 500 Grades 5-9 students complete with space to support a relocatable addition for 400 students in sixteen units. The capacity of the school will be 900 student spaces.• The total project cost is budgeted at \$26 million, including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance.	

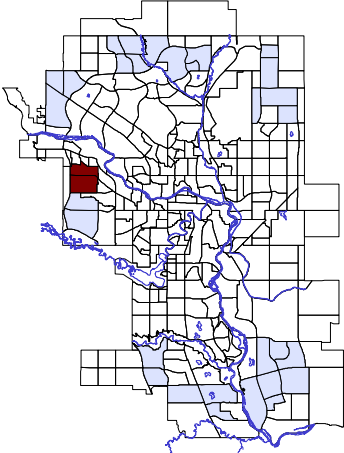
5.0	2013-2016 SCHOOL CAPITAL PLAN
New Construction	
Priority 8 – Centennial High School Addition (C-8) Overall Priority 12	
Current and Future Student Accommodation Plan	
<p>Centennial High School is located in southeast Calgary in the community of Sundance, which is an established community.</p> <ul style="list-style-type: none"> • Regular Program Centennial High School currently accommodates the Regular program for Grades 10-12 students living in the communities of Bridlewood, Chaparral, Evergreen, Midnapore, Millrise, Shawnee Slopes, Shawnessy, Somerset and Sundance. • Centennial High School has a provincial capacity of 1,807 student spaces and a utilization rate of 104% based on September 30, 2011 enrolments. <p>Area V consists of southwest and southeast developing communities. These areas will comprise approximately 50% of the City’s growth over the next five years.</p> <p>The southwest developing communities’ five-year growth is 12,300 to 13,600 people. The southeast developing communities’ five-year growth is expected to be 25,700 to 28,400 people. This will put pressure on Area V high schools and accommodation plans will need to be developed. Additional capacity at Centennial High School will be required to ease pressure for student accommodation in the south.</p>	
Facility Description	
<p>The school was built in 2004. The school structure sits on a pile and grade-beam foundation. The super-structure is constructed of concrete slab on grade. The super-structure is comprised of steel columns, exterior curtain walls, concrete block, and steel deck. The exterior façade is both metal siding and masonry.</p> <p>The total area of the building is 15,309 m² consisting of 61 classrooms for instruction. A number of classrooms are internal and do not have access to natural light. Due to its age (younger than 10 years of age), Alberta Infrastructure has not evaluated the school’s facilities through RECAP, and determines a facility of this age as being in overall excellent condition. There are no evaluation recommendations at this time.</p>	

5.0	2013-2016 SCHOOL CAPITAL PLAN
	New Construction
	Priority 8 – Centennial High School Addition (C-8) Overall Priority 12
	Expansion
	<p>The expansion project identified will add a fourth classroom wing on the west side of the school. The new wing would be similar in construction and finishing to the other three wings. The addition will also include spaces to deliver CTS courses and programs to students at exploratory, specialized, and credential levels. The fourth wing would be comprised of 16 classrooms (400 student capacity), lockers along the corridors, two staircases, support space (offices and storage rooms) and a small entry addition that would extend the core school’s central corridor or street to enclose the north end of the wing addition, thereby relocating the west entry to align with the west edge of the new wing. The fourth wing addition would add approximately 2,200 m² to the school at an estimated cost of \$8 million.</p>

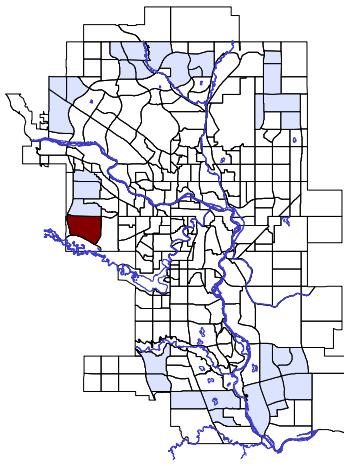
5.0	2013-2016 SCHOOL CAPITAL PLAN
New Construction	
Priority 9 - Evergreen Middle (C-9) Overall Priority 14	
School Community Profile	
<p>Evergreen Community began development in 1990 and is situated approximately 3 kilometres west of Macleod Trail South between 146 Avenue SW and 162 Avenue SW.</p> <ul style="list-style-type: none"> • As of the April 2011 Census, the total number of occupied dwelling units was 6,597 with a population of 19,487. • The community is planned for an estimated 7,480 housing units with a population capacity of 19,800 to 21,900. • The community had an average annual population growth of 821 persons during the past three-year period and has completed approximately 88% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> • As of September 30, 2011, there were 578 Kindergarten to Grade 4 and 557 Grades 5-9 students residing in the Evergreen community (includes Evergreen Estates) who attended CBE schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> • Evergreen School (K-4) opened for the 2010-2011 school year. There is one additional elementary site and one middle school site in Evergreen. • Evergreen Grades 5-9 students are currently bussed to Woodman School, which is located in the Haysboro community in Area V. Median travel time to Woodman School is 24 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 sixteen units. The capacity of the school will be 900 student spaces. • The total project cost is budgeted at \$26 million, including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance. 	

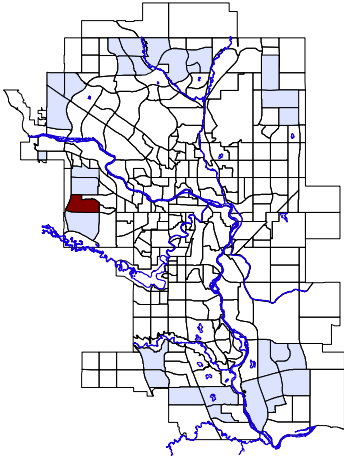
5.0	2013-2016 SCHOOL CAPITAL PLAN
New Construction	
Priority 10 - Panorama Hills Elementary ⁽²⁾ (C-10) Overall Priority 15	
School Community Profile	
<p>Panorama Hills Community began development in 1996 and is located north of Coventry Hills Boulevard and west of Harvest Hills Boulevard NW.</p> <ul style="list-style-type: none"> • As of the April 2011 Census, the total number of occupied dwelling units in Panorama Hills was 6,257 with a population of 19,851. • The community is planned for an estimated 8,450 housing units with a population capacity of 22,700 to 25,100. • The community had an average annual population growth of 1,854 persons during the past three-year period and has completed approximately 74% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> • As of the April 2011 Census, there were 1,384 public preschool-aged children. • As of September 30, 2011, there were 937 Kindergarten to Grade 4 students residing in Panorama Hills who attended CBE schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> • Panorama Hills K-4 students are currently accommodated in Panorama Hills School. There is one additional elementary school site in Panorama Hills. • A site has been approved for a middle school for Grades 5-9 and it is anticipated that it will open in the 2012-2013 school year. 	
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 twelve units. The capacity of the school will be 600 student spaces. • The total project cost is budgeted at \$14.5 million. 	

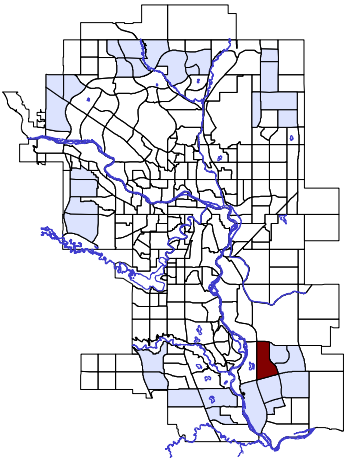
5.0	2013-2016 SCHOOL CAPITAL PLAN
New Construction	
Priority 11 – Auburn Bay Elementary (C-11) Overall Priority 17	
School Community Profile	
<p>Auburn Bay Community began development in 1999 and is located south of Marquis of Lorne Trail SE and east of Deerfoot Trail SE.</p> <ul style="list-style-type: none"> • As of the April 2011 Census, the total number of occupied dwelling units in Auburn Bay was 1,927 with a population of 5,769. • The community is planned for an estimated 6,830 housing units with a population capacity of 16,500 to 18,100. • The community had an average annual population growth of 768 persons during the past three-year period and has completed approximately 28% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> • As of the April 2011 Census, there were 627 public preschool-aged children. • As of September 30, 2011, there were 217 Kindergarten to Grade 4 students residing in Auburn Bay that attended CBE schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> • There are two elementary sites and one middle school site in Auburn Bay. • Auburn Bay elementary students are currently accommodated in Andrew Sibbald Elementary School, which is located in the Lake Bonavista community in Sector 8. Median travel time to Andrew Sibbald is 28 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 twelve units. The capacity of the school will be 600 student spaces. • The total project cost is budgeted at \$14.5 million, including the construction of the new relocatable units. 	

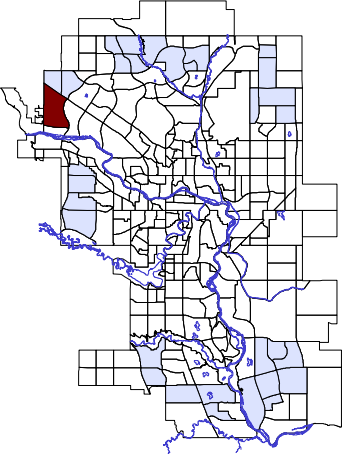
5.0	2013-2016 SCHOOL CAPITAL PLAN
New Construction	
Priority 12 - West Springs/Cougar Ridge Middle (C-12) Overall Priority 18	
School Community Profile	
<p>West Springs Community began development in 1999 and is situated north of Aspen Woods at 12 Avenue SW., east of the City Limits, south of the Cougar Ridge community and west of the Coach Hill community.</p> <ul style="list-style-type: none"> As of the April 2011 Census, the total number of occupied dwelling units was 2,558 with a population of 7,849. The community is planned for an estimated 4,980 housing units with a population capacity of 12,600 to 13,900. The community had an average annual population growth of 555 persons during the past three-year period and has completed approximately 51% of its development. 	
<p>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.</p> <ul style="list-style-type: none"> As of the April 2011 Census, the total number of occupied dwelling units was 1,874 with a population of 5,813. The community is planned for an estimated 2,640 housing units with a population capacity of 7,500. The community had an average annual population growth of 193 persons during the past three-year period and has completed approximately 71% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> As of September 30, 2011, there were 366 Kindergarten to Grade 4 students and 223 Grades 5-9 students residing in the West Springs community who attended CBE schools. As of September 30, 2011, there were 193 Kindergarten to Grade 4 students and 144 Grades 5-9 students residing in the Cougar Ridge community who attended CBE schools. 	

5.0	2013-2016 SCHOOL CAPITAL PLAN
New Construction	
Priority 12 - West Springs/Cougar Ridge Middle (C-12) Overall Priority 18	
Site Planning and Transportation	
<ul style="list-style-type: none">• West Springs School (K-5) 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 only 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 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 sixteen units. The capacity of the school will be 900 student spaces.• The total project cost is budgeted at \$26 million, including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance.	

5.0	2013-2016 SCHOOL CAPITAL PLAN
New Construction	
Priority 13 – Springbank Hill Elementary (C-13) Overall Priority 19	
School Community Profile	
<p>Springbank Hill Community began development in 1997 and is located in the West sector of the City, south of Aspen Woods, west of 69 Street SW., north of Glenmore Trail and east of the City Limits.</p> <ul style="list-style-type: none"> • As of the April 2011 Census, the total number of occupied dwelling units in Springbank Hill was 2,861 with a population of 8,388. • The community is planned for an estimated 4,830 housing units with a population capacity of 12,900 to 14,300. • The community had an average annual population growth of 379 persons during the past three-year period and has completed approximately 59% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> • As of the April 2011 Census, there were 522 public preschool-aged children. • As of September 30, 2011, there were 292 Kindergarten to Grade 4 students residing in Springbank Hill who attended CBE schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> • There is one elementary site and one middle site in Springbank Hill. • Ernest Manning High School opened for the 2011-2012 school year. • Springbank Hill students are currently accommodated in 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 and Glenbrook is 19 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 twelve units. The capacity of the school will be 600 student spaces. • The total project cost is budgeted at \$14.5 million. 	

5.0	2013-2016 SCHOOL CAPITAL PLAN
New Construction	
Priority 14 – Aspen Woods Elementary (C-14) Overall Priority 26	
School Community Profile	
<p>Aspen Woods Community began development in 2001 and is located north of 17 Avenue S.E., south of 12 Avenue S.E., west of 69 Street S.E., and east of the City Limits.</p> <ul style="list-style-type: none"> • As of the April 2011 Census, the total number of occupied dwelling units was 1,511 with a population of 4,469. • The community is planned for an estimated 4,510 housing units with a population capacity of 10,100 to 11,100. • The community had an average annual population growth of 807 persons during the past three-year period and has completed approximately 36% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> • As of the April 2011 Census, there were 316 public preschool-aged children. • As of September 30, 2011, there were 168 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 and Wildwood is 22 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 twelve units. The capacity of the school will be 600 student spaces. • The total project cost is budgeted at \$14.5 million. 	

5.0	2013-2016 SCHOOL CAPITAL PLAN
New Construction	
Priority 15 - McKenzie Towne Middle (C-15) Overall Priority 27	
School Community Profile	
<p>McKenzie Towne Community began development in 1995 and is located north of Marquis of Lorne Trail between Deerfoot Trail and 52 Street SE.</p> <ul style="list-style-type: none"> • As of the April 2011 Census, the total number of occupied dwelling units was 5,987 with a population of 15,395. • The community is planned for an estimated 7,210 housing units with a population capacity of 16,400 to 18,100. • The community had an average annual population growth of 759 persons during the past three-year period and has completed approximately 83% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> • As of September 30, 2011, there were 601 Kindergarten to Grade 4 and 405 Grades 5-9 students residing in the McKenzie Towne community who attended CBE schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> • McKenzie Towne School (K-4) opened January 2010. There is one middle school site in McKenzie Towne. • McKenzie Towne students are currently bussed to David Thompson School (Grades 5-9), which is located in the Acadia community in Area V. Median travel time to David Thompson is 31 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 sixteen units. The capacity of the school will be 900 student spaces. • The total project cost is budgeted at \$26 million including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance. 	

5.0	2013-2016 SCHOOL CAPITAL PLAN
New Construction	
Priority 16 Tuscany Elementary ⁽²⁾ (C-16) Overall Priority 28	
School Community Profile	
<p>Tuscany Community began development in 1995 and is situated in the northwest, south of Crowchild Trail and west of Stoney Trail.</p> <ul style="list-style-type: none"> • As of the April 2011 Census, the total number of occupied dwelling units was 6,337 with a population of 18,838. • The community is planned for an estimated 6,570 housing units with a population capacity of 19,100. • The community has had an average annual population growth of 544 persons during the past three-year period and has completed approximately 96% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> • As of the April 2011 Census, there were 1,744 public preschool-aged children in Tuscany. • As of September 30, 2011, there were 1,102 Kindergarten to Grade 4 students residing in the Tuscany community that attended CBE schools. There is a strong demand for a second elementary school in Tuscany. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> • There is one elementary K-4 school located within the south half of Tuscany community. The north elementary site would be used for the second elementary school. • The central site has been approved for a middle school for Grades 5-9 and it is anticipated that it will open in the 2012-2013 school year. 	
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 twelve units. The capacity of the school will be 600 student spaces. • Tuscany School (K-4) is located in the southerly portion of Tuscany community and has a capacity of 612 student spaces. The site in the north will accommodate long-term enrolment growth for elementary students. • The total project cost is budgeted at \$14.5 million. 	

6.0 2013-2016 SCHOOL CAPITAL PLAN

Major Modernizations

Priority 1 – Chinook Learning Services (M-1) Overall Priority 1

Chinook Learning Services Mandate

Chinook Learning Services provides older adolescent and adult high school upgrading, Adult ESL, and Continuing Education programs for the CBE. Chinook Learning Services provides high school upgrading to over 9,000 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.

Chinook Learning Services			
Program	Annual	Daily	Location
High School Credit	9,000 students <i>(13,500 registrations)</i>	1,600	Viscount Bennett Centre
ESL	450	200	Tuxedo Park School
LINC*	360	260	Six city locations (Balmoral Bungalow, Killarney School, Calgary Achievement Centre for Youth, Calgary City Church, Tuxedo Park School, Tuxedo Park Community Centre)
Continuing Education	12,000	Varies	Approximately 25 CBE locations across Calgary

*Language Instruction for Newcomers to Canada

It is anticipated that the proposed changes to the School Act will result in an increased demand to access high school courses provided by Chinook Learning Services. This proposed extension of funding beyond its current limit of 19 years of age will provide an increased opportunity for many more students to successfully complete their high school education and transition into the post-secondary .

There is an increasing trend among some students to take longer than the average 12 years to complete high school. There is a variety of reasons to explain this longer completion time . This trend is generally valid for our older arriving English Language learners, Aboriginal students , and students impacted by poverty, homelessness, addictions, and mental health issues .Additionally we have experienced increasing numbers of students wanted to upgrade marks and or courses who have already completed high school in order to be eligible for post-secondary admission .

Chinook Learning Services(CLS)has demonstrated a steady increase in enrollment over the past few years and this trend can only be expected to continue with these proposed changes to the School Act and with the growing population in our city. CLS operates year round, offering both evening and day time courses, expect for the month of July . There is also a growing number of students each year attending summer school. It is the largest centre in Alberta for diploma examination testing centre and for generating CEU’s. Most students enrolled at CLS only need and want to take 1-2 courses per semester. They also appear to like the routine of 3 hour sessions twice of week for 3-4 months taught by a teacher .

6.0	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 1 – Chinook Learning Services (M-1) Overall Priority 1	
Chinook Learning Services Mandate (con't)	
<p>CLS is a significant contributor to the Calgary Board of Education’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>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 and its five other locations to several campuses throughout the City. The CBE vision for Chinook Learning is a major central campus in or in close proximity to the Downtown with two other locations in the city. The project is currently in the program development stage. In addition to last year’s approvals, increased funds are required to complete this project.</p>	
Modernization	
<p>Chinook students come from all five Areas of the City. It is therefore desirable to have a central location for Chinook Learning Services plus satellite locations in order to best meet the needs of all students. Options being investigated by the CBE are to renovate an existing office or institutional building for the central campus and existing school buildings for the satellite offices. The estimated costs of renovations are \$15 million.</p>	

6.0	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 2 – Area I High Schools – CTS Program (M-2) Overall Priority 4	
Current and Future Student Accommodation Plan	
<p>A planned CBE strategy to address the new Career and Technology Studies (CTS) 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 CTS courses and programs to students at exploratory, specialized and credentialed levels.</p> <p>The Lord Shaughnessy High School modernization in Area IV is under construction and 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>	
Modernization	
<p>The proposed projects will modernize the related spaces and enhance the teaching environment. The modernizations will also include the replacement of worn architectural elements (finishes and/or fixtures) and include select program space renovation, hazardous material abatement, and building code upgrades. Mechanical and electrical equipment upgrades are also included in the scope of work. The total project cost is estimated to be \$32,000,000.</p>	

6.0	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 3- Christine Meikle School (M-3) Overall Priority 8	
Modernization	
<p>The modernization considers a student population of 90-100 students:</p> <ul style="list-style-type: none"> • four classes (25 +/-) non-ambulatory emerging pod/developing pod students • six classes (40 +/-) ambulatory developing pod students • five classes (35 +/-) ambulatory maturing pod students (including space for higher functioning Autism Spectrum Disorder students from the Communication, Sensory and Social Interaction program). <p>Design considerations include best practices from other institutions such as:</p> <ul style="list-style-type: none"> • Natural light (no metal mesh on external window) • Sound dampening • Wide hallways to accommodate wheelchairs, walkers, rails on walls • Ready access to all materials that may be required by students • Wheelchair access to all materials that may be required by students • Storage for large footprint equipment – either in storage with classrooms or in other storage locations. <p>The estimated cost for a major school modernization at the existing school, or another school that could provide the same program, would be in the range of \$12 million. The modernization would address all deferred maintenance, code upgrades, functional and program needs and would include some demolition, extensive renovation and an addition to the existing facility. This would create a learning environment that would optimize the opportunities for student success.</p>	
Current and Future Student Accommodation Plan	
<p>Christine Meikle School, located in the community of Bridgeland/Riverside, is a unique setting for students with severe and complex needs. This program draws junior/senior high school students (ages 12 to 19) from all areas of Calgary.</p> <p>The curriculum includes development of communication skills, sensory-motor skills, functional academics, work experience and pre-vocational abilities, travel training, and adaptive physical education. A modified curriculum is implemented based on the individual needs of each student. Instructional accommodations may include the use of assistive technology, augmentative communication systems and individual small group instruction. The staff, students, and their families also receive consultative support from Regional, Educational, Assessment and Consultation Services (REACH) for program development.</p>	

6.0	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 3- Christine Meikle School (M-3) Overall Priority 8	
Facility Description	
<p>The Christine Meikle School facility is leased from The City of Calgary. The lease agreement was renewed for a 25-year period, expiring in 2034. A long-term facility is required for the school program in a modernized or new facility.</p> <p>The total area of the building is 2,464 m² consisting of 13 classrooms for instruction. These classrooms are small in size accommodating 6-10 students each. There are three pods that focus on flexible groupings and team teaching to best meet student needs: Emerging, Developing and Maturing.</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">• Roof elements require upgrading (drain and gutter modifications, etc.)• Exterior requires upgrades (replace metal siding, painting, etc.)• Interior spaces require upgrading (door panic bars, accordion styled partitions, screens, automated door openers, painting, millwork, bathroom fixtures, flooring, etc.)• Mechanical systems require upgrading (shower stalls, fountains, plumbing fixtures, hot water heaters, boiler, etc.)• Electrical systems require upgrading (secondary panels, motor control center, master light fixtures, etc.).	

6.0	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 4 – First Nations, Métis, and Inuit Schools (M-4) Overall Priority 11	
Current and Future Student Accommodation Plan	
<p>Calgary’s Aboriginal population is the third largest among Canadian metropolitan centres. CBE’s Administrative Regulation 3079, Aboriginal Education, outlines the importance of improving the success rate of Aboriginal students and increasing the understanding and acceptance of Aboriginal cultures of all students. Alberta’s Commission on Learning specifically recommended that parents be able to access a variety of educational settings for Aboriginal students including separate settings where both parents and students may learn in a facility dedicated to the Aboriginal culture and history.</p> <p>The future student accommodation plan is to provide a facility that meets the needs of students, family, and community programming. As Colonel Walker School also accommodates the Regular program for elementary students residing in the community of Inglewood, there is limited space to expand the Piitoayis Family School at Colonel Walker School that includes the vision for students, families, and community needs.</p>	
Facility Description	
<p>The Piitoayis Family School is temporarily located within Colonel Walker School in the community of Inglewood. The school has shared the building with the Colonel Walker School since 2005.</p>	
Replacement/Modernization	
<p>The estimated cost for providing a facility in an existing school to accommodate the Aboriginal-based program would be \$23 million. This would require a combination of demolition and extensive renovation of the existing facility with a significant addition, thus consolidating the elements that would support this program and optimize the Aboriginal students’ learning environment.</p>	

6.0	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 5 – Area II and III High Schools – CTS Program (M-5) Overall Priority 13	
Current and Future Student Accommodation Plan	
<p>A planned CBE strategy to address the new Career and Technology Studies (CTS) 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 CTS courses and programs to students at exploratory, specialized and credentialed levels.</p> <p>The Lord Shaughnessy High School modernization in Area IV is under construction and 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>	
Modernization	
<p>The proposed projects will modernize the related spaces and enhance the teaching environment. The modernizations will also include the replacement of worn architectural elements (finishes and/or fixtures) and include select program space renovation, hazardous material abatement, and building code upgrades. Mechanical and electrical equipment upgrades are also included in the scope of work. The total project cost is estimated to be \$43,000,000.</p>	

6.0	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 6 – Area V High Schools – CTS Program (M-6) Overall Priority 16	
Current and Future Student Accommodation Plan	
<p>A planned CBE strategy to address the new Career and Technology Studies (CTS) 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 CTS courses and programs to students at exploratory, specialized and credentialed levels.</p> <p>The Lord Shaughnessy High School modernization in Area IV is under construction and 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>	
Modernization	
<p>The proposed projects will modernize the related spaces and enhance the teaching environment. The modernizations will also include the replacement of worn architectural elements (finishes and/or fixtures) and include select program space renovation, hazardous material abatement, and building code upgrades. Mechanical and electrical equipment upgrades are also included in the scope of work. The total project cost is estimated to be \$25,000,000.</p>	

6.0	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 7 – Altadore School (M-7) Overall Priority 20	
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 the recommendation that the 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. The total project cost is estimated to be \$9 million.</p>	

6.0	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 8 – Nickle School (M-8) Overall Priority 21	
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. 	

6.0	2013-2016 SCHOOL CAPITAL PLAN
	Major Modernizations
	Priority 8 – Nickle School (M-8) Overall Priority 21
	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 a 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 as required. The total project cost is estimated to be \$12 million.</p>

6.0	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 9 – Senator Patrick Burns School (M-9) Overall Priority 22	
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 2007, 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"> • Interior spaces need upgrading (all components) • Exterior façade requires upgrading (windows, doors, siding) • Electrical systems in general require upgrading (exit signs, panels, transformer, etc.). 	

6.0	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 9 – Senator Patrick Burns School (M-9) Overall Priority 22	
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>Numerous areas in the school require renovations such as the visual communication lab, the fashion lab, the music room, and CTS spaces. 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	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 10 - A.E. Cross School (M-10) Overall Priority 23	
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 <p>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.</p> • System Classes <p>A.E. Cross School accommodates Paced Learning and Learning and Literacy classes for Area IV students.</p> <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.</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 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 for 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 repair needed.</p>	

6.0	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 10 - A.E. Cross School (M-10) Overall Priority 23	
Facility Description	
<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 spaces require upgrading (some items require repair or replacement) • Mechanical systems require upgrading (HVAC system, ventilation, etc.) <p>Electrical systems require upgrading (expand current circuit system).</p>	
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 also include select program space renovation, hazardous material abatement, and 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 \$16 million.</p>	

6.0	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 11 - Sir Wilfrid Laurier School (M-11) Overall Priority 24	
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 5-9 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 2006, 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 requires replacement• Exterior requires upgrades (doors, seals, stucco, windows, hardware, etc.)• Interior spaces require upgrading (floor tiles, acoustic panels, painting, millwork, flooring, etc.)• Mechanical systems require upgrading (plumbing fixtures, boilers, HVAC equipment, etc.)• Electrical systems require upgrading (secondary panels, motor starters, master clock system, etc.).	

6.0	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 11 - Sir Wilfrid Laurier School (M-11) Overall Priority 24	
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, library, art, and CTS space. 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	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 12 - Dr. J. K. Mulloy School (M-12) Overall Priority 25	
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"> • Regular Program Dr. J.K. Mulloy School currently accommodates only Grade 6 students as a staged closure of the regular program was implemented in September 2010. The staged closure allows students to finish their elementary program at Dr. J.K. Mulloy School. • Traditional Learning Centre (TLC) Dr. J.K. Mulloy School currently accommodates students living in Area II for the Traditional Learning Centre (TLC). The TLC 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 (TLC) 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 to primarily open area classrooms. 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 2006, 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 spaces require 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	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 12 - Dr. J. K. Mulloy School (M-12) Overall Priority 25	
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 and adding electric blinds and acoustic panels in the library. 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	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 13 - Henry Wise Wood High School (M-13) Overall Priority 29	
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"> • Regular Program Henry Wise Wood High School currently accommodates the Regular program for Grades 10-12 students living in Bayview, Braeside, 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 currently accommodates the International Baccalaureate (IB) for senior high students residing in Area V. • System Classes Henry Wise Wood High School currently accommodates Gifted and Talented, Literacy English and Academic Development, Paced Learning, and ACCESS classes. • Traditional Learning Centre (TLC) Alternative Program Henry Wise Wood High School currently accommodates the Traditional Learning Centre (TLC) alternative program for students residing in Area IV and Area V. <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 pile foundation and basement foundation walls. 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	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 13 - Henry Wise Wood High School (M-13) Overall Priority 29	
Facility Description	
<p>In 2005, upgrades were made to the ceilings in second and third floor classrooms.</p> <p>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 2007, 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 spaces require 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, master clock system, exit signs, receptacles, vapour fixtures in cafeteria, motor starters, main distribution switchgear in school, etc.). <p>The most pressing need identified within the facility is the lack of adequate space for larger performances and presentations where more than 50 students can gather at a time. The most pressing need identified was the inadequate performance and presentation spaces. Particularly lacking was a space that could be used for presentations to medium-sized audiences (100 to 300 persons). Modernization should include developing a multi-purpose presentation space/theatre.</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	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 14 – Simon Fraser School (M-14) Overall Priority 30	
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 • Envelope: 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	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 14 – Simon Fraser School (M-14) Overall Priority 30	
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 \$13 million.</p>	

6.0	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 15 – Elboya School (M-15) Overall Priority 31	
Current and Future Student Accommodation Plan	
<p>Elboya School is located in southwest Calgary in the community of Elboya, which is an established community in Area IV.</p> <p>Elboya School offers Kindergarten to Grade 9 programming and is located in southwest Calgary, in the inner-city community of Elboya.</p> <ul style="list-style-type: none"> • Regular Program Elboya School accommodates Kindergarten to Grade 9 students living in Bel-Aire, Britannia, Elboya, Manchester, Mayfair, Meadowlark Park and Windsor Park. • French Immersion Elboya School accommodates Grades 5-9 students for Early French Immersion and Grades 7-9 students for Late French Immersion. Students living in Area IV are designated to Elboya School or Bishop Pinkham School based on catchment areas. <p>The long-term student accommodation plan for Elboya School is to accommodate students in the Regular and French Immersion 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 near capacity.</p>	
Facility Description	
<p>The original one-storey building was built in 1953 and two, two-storey additions were completed in 1956 and 1958. The school was partially renovated in 1990 and 1998. A barrier-free washroom was provided in the building; however, the remainder of the building requires barrier-free renovations.</p> <p>The total area of the building is 3,907 m² consisting of 28 classrooms for instruction. The classrooms have a range of sizes and good natural light. In 2010, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition.</p> <p>The evaluation made the following recommendations:</p> <ul style="list-style-type: none"> • Required improvements to the out-of-date electrical systems • Facility contains a single boiler with no backup system in place should failure occur • Ventilation systems should be updated along with boiler <p>Significant problems are an inadequate gymnasium for junior high physical education programs and inadequate science labs. Windows and doors were replaced in 2006-2007.</p>	

6.0	2014-2015 and 2015-2016 SCHOOL CAPITAL PLAN
	New Construction/Major Modernization
	Priority 15 – Elboya School (M-15) Overall Priority 31
	Modernization
	<p>The school is identified as requiring major modernization to meet junior high school programming requirements. A modernization, including a new junior high gymnasium and redistribution of existing space will improve functionality and security while reducing noise level at the same time. The project will replace flooring, fixtures, ceilings and lighting, and upgrade building code deficiencies with full barrier-free accessibility. It will also add data/power to teaching spaces and upgrade the school to meet City of Calgary bylaw requirements. The estimate includes an allowance for phasing-in the project in an occupied building. An estimated cost of the modernization is \$10 million (January 2012 prices).</p> <p>This school could also be a replacement school, which could be built on the site. The old school could be demolished when the new school is built. The new school would be more energy-efficient and have a more effective layout. The estimated cost of a 700-capacity K-9 replacement school for Elboya School would be \$16 million.</p>

6.0	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 16 - Woodman School (M-16) Overall Priority 32	
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 spaces require 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	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 16 - Woodman School (M-16) Overall Priority 32	
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 renovation 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 \$14 million.</p>	

6.0	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 17 - Sir John A. Macdonald School (M-17) Overall Priority 33	
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 and Thorncliffe. Sir John A. Macdonald School is the bus receiver school for Grades 7-9 students living in Panorama Hills; however, these students are being redirected to the new school in Panorama Hills. Students living in Beddington Heights will be designated to Sir John A. Macdonald School, effective for the 2012-2013 school year. • 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. When the new middle school in Panorama Hills opens, there will be an opportunity to designate other students to Sir John A. Macdonald School closer to home. 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 CTS 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	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 17 - Sir John A. Macdonald School (M-17) Overall Priority 33	
Facility Description	
<p>In 2006, 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.) <p>Electrical systems require upgrading (switchboard, motor starters, emergency battery packs, etc.).</p>	
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 (e.g., flooring, paint, and lockers), program space renovation 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	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 18 – Thomas B. Riley School (18) Overall Priority 34	
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. • Traditional Learning Centre (TLC) Alternative Program Thomas B. Riley School and Brentwood School are the designated schools for the Traditional Learning Centre (TLC) 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 2006, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition.</p>	

6.0	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 18 – Thomas B. Riley School (M-18) Overall Priority 34	
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 localized repairs • Mechanical and 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 renovation, such as CTS spaces, learning commons and performing arts areas, 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 \$11 million.</p>	

6.0	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 19 – Fairview School (M-19) Overall Priority 35	
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	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 19 – Fairview School (M-19) Overall Priority 35	
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 renovation (CTS spaces, learning commons, etc.) 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 \$14 million.</p>	

6.0	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 20 – Sherwood School (M-20) Overall Priority 36	
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 PLP (Paced Learning Program) 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"> • Envelope: general aging and neglect – sighting required upgrading. • Interior: improve barrier-free accessibility. 	

6.0	2013-2016 SCHOOL CAPITAL PLAN
	Major Modernizations
	Priority 20 – Sherwood School (M-20) Overall Priority 36
	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 renovation 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 \$16 million.</p>

Capacity and Utilization

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

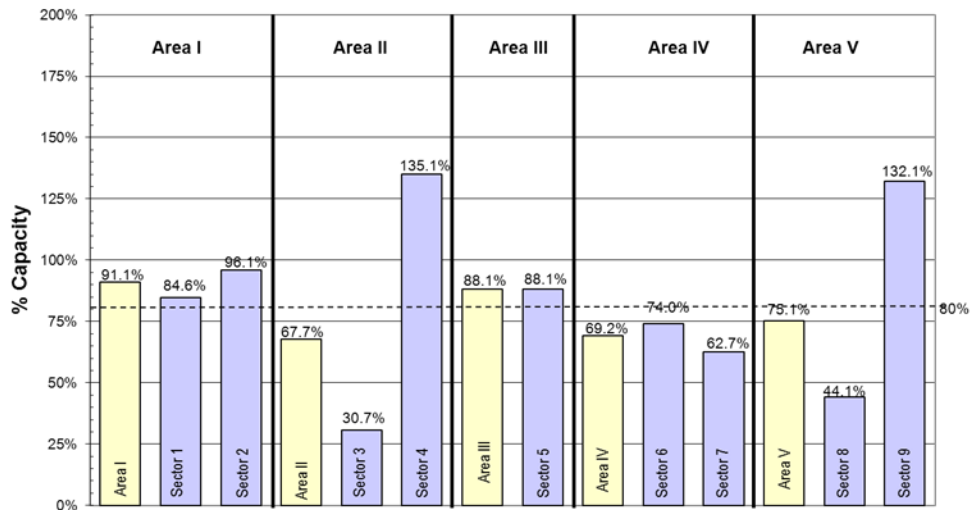
Table 1: Capacity for K-9 by Residence (%)

K-9 Students by Residence 2011-2012				
Area	Sector	Elementary/Junior High Students	Elementary/Junior High Capacity	% Utilization
AREA I	Sector 1	5,277	6,235	84.64%
	Sector 2	7,806	8,124	96.09%
TOTAL		13,083	14,359	91.11%
AREA II	Sector 3	3,993	12,995	30.73%
	Sector 4	9,618	7,120	135.08%
TOTAL		13,611	20,115	67.67%
AREA III	Sector 5	17,633	20,020	88.08%
TOTAL		17,633	20,020	88.08%
AREA IV	Sector 6	6,687	9,034	74.02%
	Sector 7	4,249	6,776	62.71%
TOTAL		10,936	15,810	69.17%
AREA V	Sector 8	7,356	16,677	44.11%
	Sector 9	11,977	9,064	132.14%
TOTAL		19,333	25,741	75.11%
GRAND TOTAL		74,596	96,045	77.67%

Notes:

- Student numbers are based on ArcView data as at September 30, 2011 (K@FTE to Grade 9).
- Capacity as per Alberta Infrastructure's ACU Report dated May 19, 2011, assuming exemptions.
- Under-utilized and over-utilized are shown on Map 7.

**% Capacity by K-9 Residence
Showing Both Areas and Sectors**



Areas I-V and Sectors 1-9

Table 2: Capacity by Residence Senior High (%)

Senior High Students by Residence 2011-2012				
Area	Sector	Senior High Students	Senior High Capacity	% Utilization
AREA I	Sector 1	1,965	1,525	128.85%
	Sector 2	3,347	2,015	166.10%
Total		5,312	3,540	150.06%
AREA II	Sector 3	1,428	6,619	21.75%
	Sector 4	3,210	1,300	246.92%
Total		4,638	7,919	58.57%
AREA III	Sector 5	6,740	4,816	139.95%
Total		6,740	4,816	139.95%
AREA IV	Sector 6	2,871	1,800	159.50%
	Sector 7	2,055	4,145	49.58%
Total		4,926	5,945	82.86%
AREA V	Sector 8	3,480	6,278	55.35%
	Sector 9	4,184	1,807	231.54%
Total		7,664	8,094	94.69%
Grand Total		29,280	30,314	96.59%

Notes:

- Student numbers are based on ArcView data as at September 30, 2011
- Capacity as per Alberta Infrastructure's ACU Report dated May 19, 2011, assuming exemptions.
- Under-utilized and over-utilized are shown on **Map 8**.

Senior High Area Utilization Rates by Residence

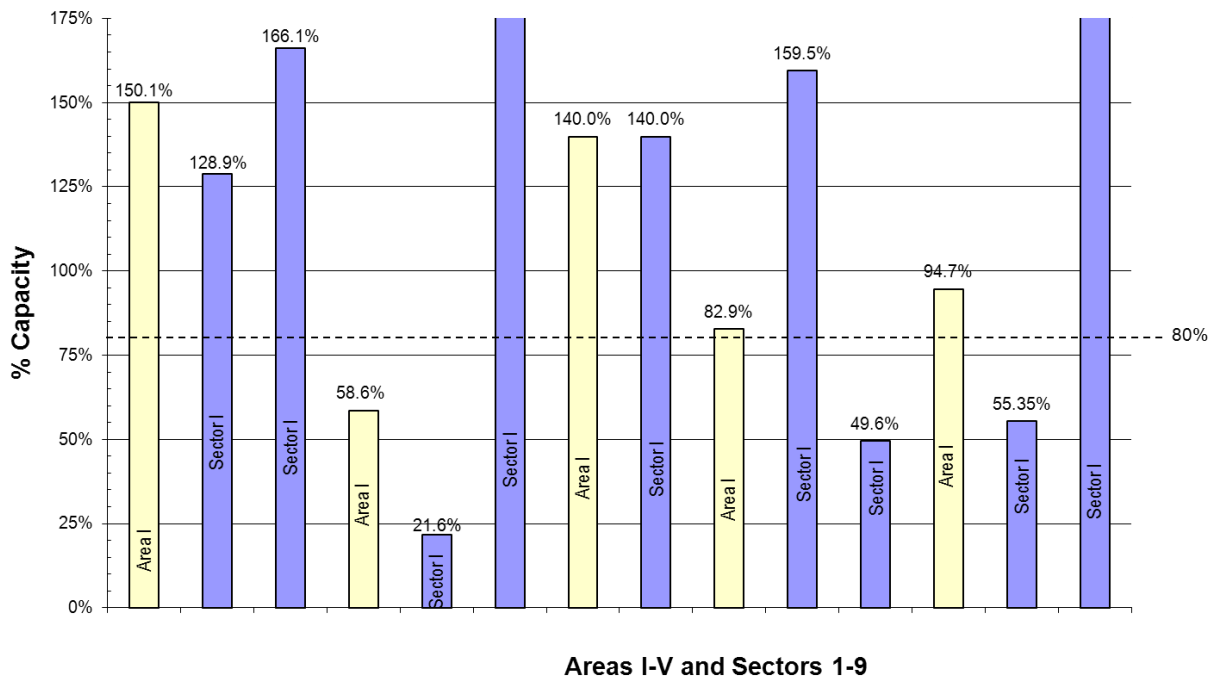


Table 3: % Capacity for K-9 by Enrolment

K-9 Students by Enrolment 2011-2012				
Area	Sector	Elementary/ Junior Students	Elementary/ Junior Capacity	Utilization
AREA I	Sector 1	4,431	6,235	71.07%
	Sector 2	7,270	8,124	89.49%
Total		11,701	14,359	81.49%
AREA II	Sector 3	9,850	12,995	75.80%
	Sector 4	6,227	7,120	87.46%
Total		16,077	20,115	79.93%
AREA III	Sector 5	15,953	20,020	79.69%
Total		15,953	20,020	79.69%
AREA IV	Sector 6	6,556	9,034	72.57%
	Sector 7	4,250	6,776	62.72%
Total		10,806	15,810	68.35%
AREA V	Sector 8	11,883	16,677	71.25%
	Sector 9	7,309	9,064	80.64%
Total		19,192	25,741	74.56%
Grand Total		73,729	96,045	76.77%

Notes:

- Student numbers are based on ArcView data as at September 30, 2011 (K@FTE to Grade 9).
- Capacity as per Alberta Infrastructure's ACU Report dated May 19, 2011, assuming exemptions.

% Capacity by K-9 Enrolment
Showing Both Areas and Sectors

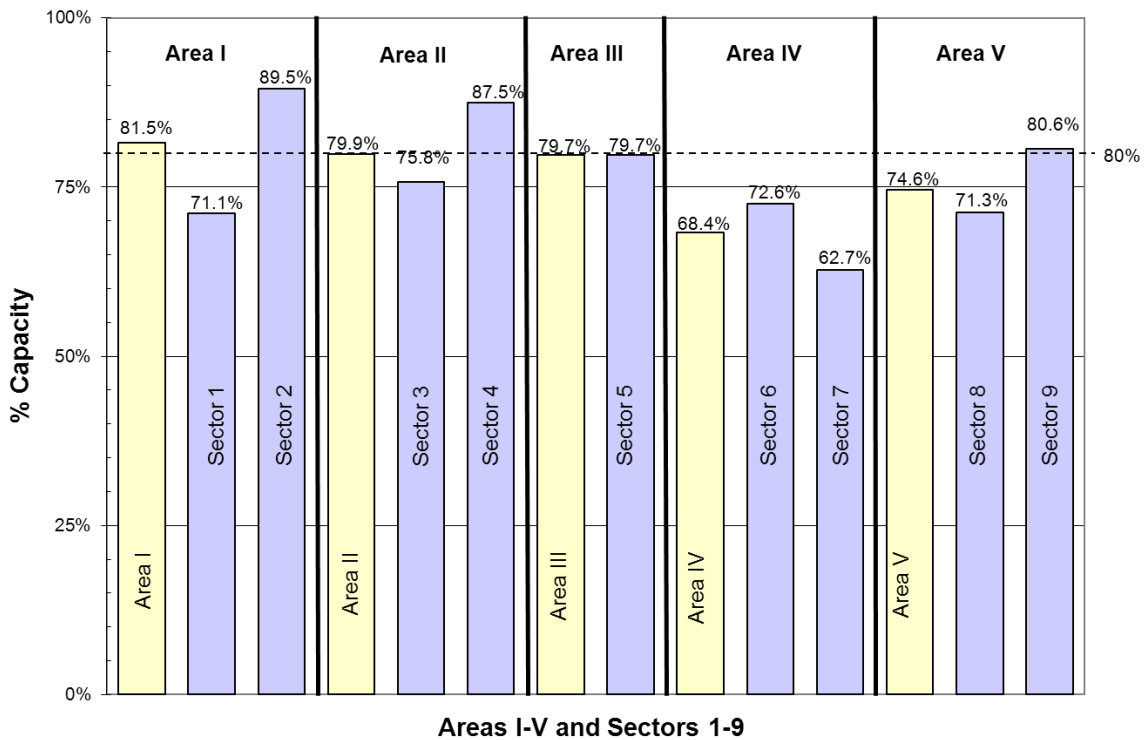


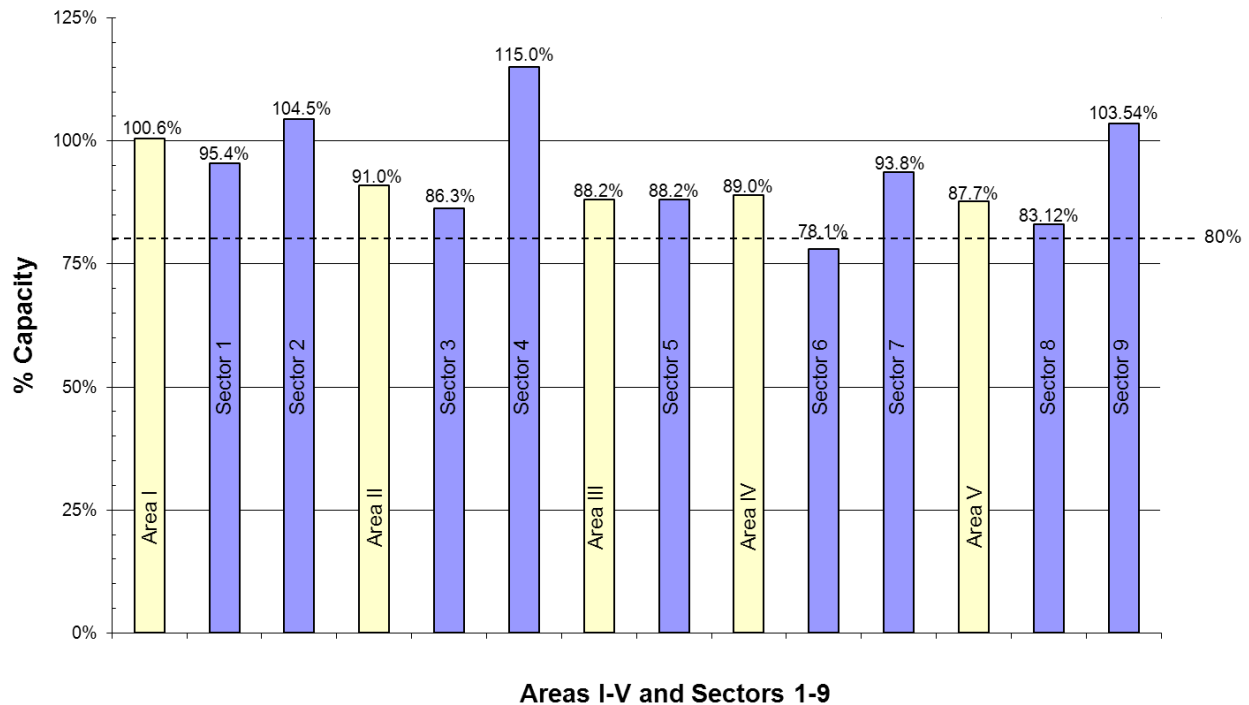
Table 4: % Capacity by Enrolment – Senior High

Senior High Students by Enrolment 2011-2012				
Area	Sector	Senior High Students	Senior High Capacity	% Utilization
AREA I	Sector 1	1,455	1,525	95.41%
	Sector 2	2,106	2,015	104.52%
Total		3,561	3,540	100.59%
AREA II	Sector 3	5,709	6,619	86.25%
	Sector 4	1,495	1,300	115.00%
Total		7,204	7,919	90.97%
AREA III	Sector 5	4,247	4,816	88.19%
Total		4,247	4,816	88.19%
AREA IV	Sector 6	1,406	1,800	78.11%
	Sector 7	3,886	4,145	93.75%
Total		5,292	5,945	89.02%
AREA V	Sector 8	5,226	6,287	83.12%
	Sector 9	1,871	1,807	103.54%
Total		7,097	8,094	87.68%
TOTAL		27,401	30,314	90.39%

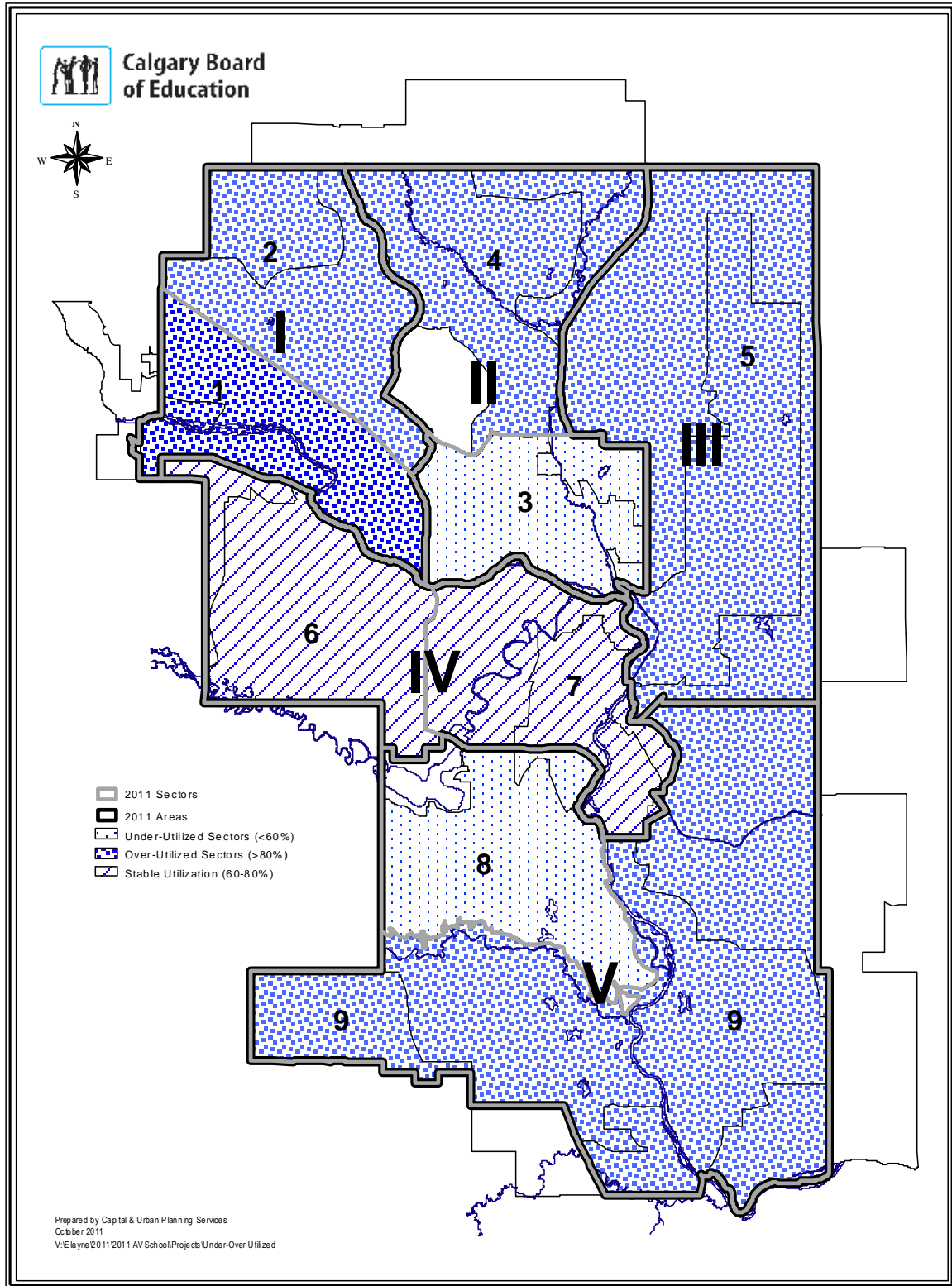
Notes:

- Student numbers are based on ArcView data as at September 30, 2011
- Capacity as per Alberta Infrastructure's ACU Report dated May 19, 2011, assuming exemptions.

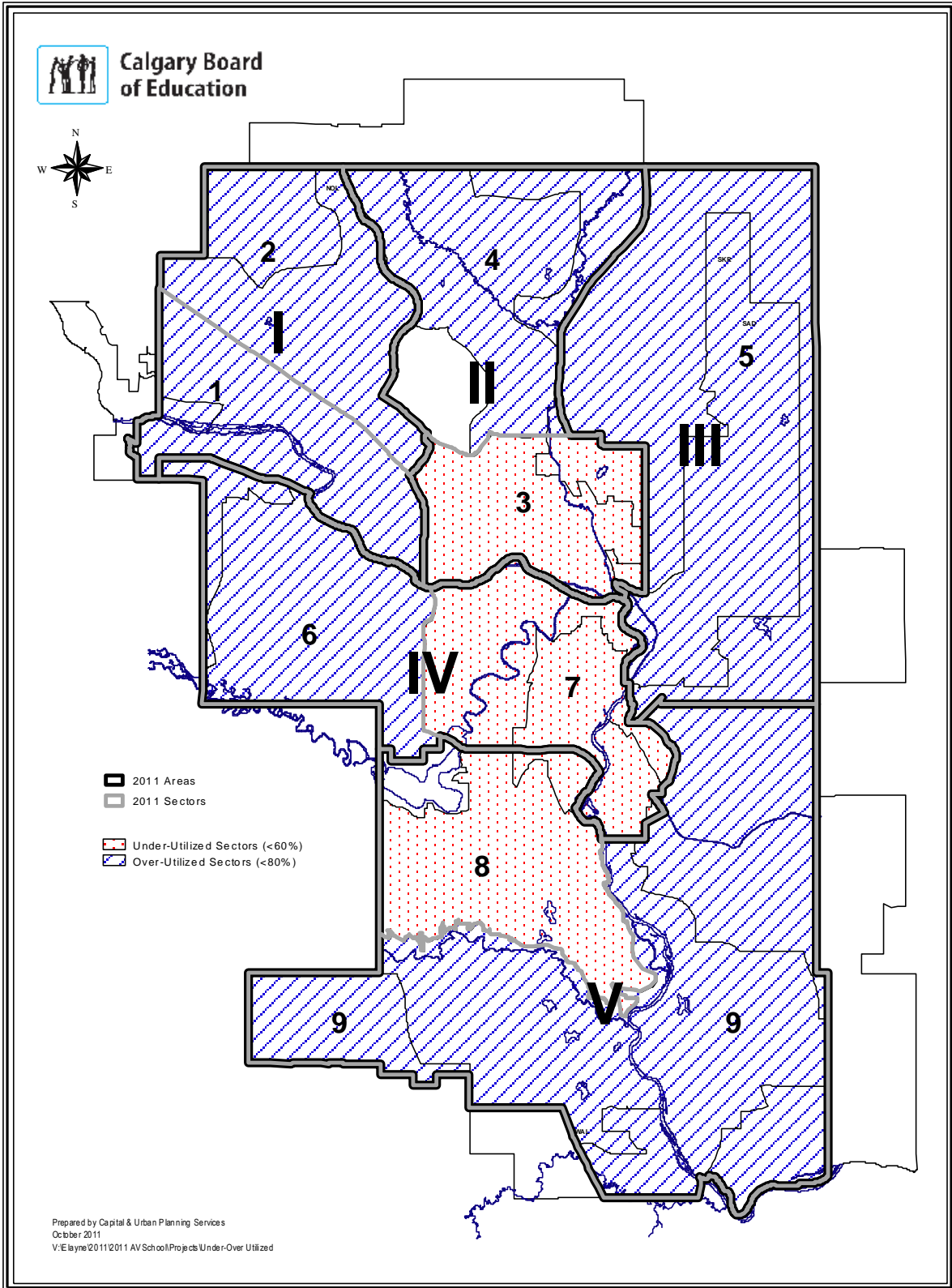
Senior High Area Utilization Rates by Enrolment



Sector Utilization by Residence for Kindergarten to Grade 9



Sector Utilization by Residence for Grades 10-12



Modernization Information

Rank	Modernization	Area	Grade	Points
1	Chinook Learning Services	IV	Grades 10-12	-
2	Area I High Schools	I	Grades 10-12	-
3	Christine Meikle School	II	Grades 7-12	-
4	First Nations, Métis, and Inuit Schools	IV	Grades K-4	-
5	Area II and III High Schools	II/III	Grades 10-12	-
6	Area V High Schools	V	Grades 10-12	-
7	Altadore School	IV	Grades K-6	435
8	Nickle School	V	Grades 5-9	435
9	Senator Patrick Burns School	II	Grades 5-9	430
10	A.E. Cross School	IV	Grades 7-9	430
11	Sir Wilfrid Laurier School	III	Grades 5-9	430
12	Dr. J.K. Mulloy School	II	Grades K-6	415
13	Henry Wise Wood High School	V	Grades 9-12	410
14	Simon Fraser School	I	Grades 5-9	410
15	Elboya School	IV	Grades K-9	400
16	Woodman School	V	Grades 5-9	400
17	Sir John A. Macdonald School	II	Grades 7-9	395
18	Thomas B. Riley School	I	Grades 5-9	390
19	Fairview School	V	Grades 5-9	390
20	Sherwood School	IV	Grades 5-9	385
21	Robert Warren School	V	Grades 5-9	385
22	Louis Riel School	V	Grades K-9	380
23	Sir John Franklin School	II	Grades 5-9	380
24	Colonel Irvine School	II	Grades 7-9	365
25	Ernest Morrow School	III	Grades 7-9	360
26	Rosedale School	II	Grades K-9	360
27	Briar Hill School	II	Grades 1-6	355
28	Bob Edwards School	III	Grades 7-9	340

The first six priorities are placements based on priority program needs for the CBE. The remaining projects have been ranked on a priority basis. 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 20 priorities are in the Three-Year School Capital Plan 201-2016.

Maximum points = 500

Community Ranking for New Schools

Community	Points	Rank	Sector	Grade
Saddle Ridge	125	1	5	GR5-9
Copperfield	100	2	9	K-4
Evanston	100	3	4	K-4
New Brighton	100	4	9	K-4
New Brighton/Copperfield	95	5	9	GR5-9
Royal Oak/Rocky Ridge	95	6	2	GR5-9
Evergreen	90	7	9	GR5-9
Panorama Hills ⁽²⁾	90	8	4	K-4
Auburn Bay	85	9	9	K-4
West Springs/Cougar Ridge	85	10	6	GR5-9
Springbank Hill	80	11	6	K-4
Aspen Woods	75	12	6	K-4
McKenzie Towne	75	13	9	GR5-9
Tuscany ⁽²⁾	75	14	1	K-4
Kincora	70	15	4	K-4
Cranston	70	16	9	GR5-9
Springbank Hill/Discovery Ridge	55	17	6	GR5-9
Cougar Ridge	50	18	6	K-4
Martindale ⁽²⁾	50	19	5	K-4
Evergreen ⁽²⁾	45	20	9	K-4
Signal Hill	45	21	6	GR5-9
Country Hills/Harvest Hills	40	22	4	GR5-9
Silverado	40	23	9	K-4
Valley Ridge/Crestmont	35	24	1	K-4
Bridlewood	35	25	9	GR5-9
Evanston	35	26	4	GR5-9
Country Hills/Harvest Hills	30	27	4	K-4
Discovery Ridge	30	28	6	K-4
Saddle Ridge ⁽²⁾	25	29	5	K-4
Cranston ⁽²⁾	25	30	9	K-4
Hamptons	20	31	2	K-4
Aspen Woods	15	32	6	GR5-9

Notes:

- ⁽²⁾ Indicates second K-4 school.
- In the case of ties, see description on pages 25 and 26.
- The top 14 priorities are in the Three-Year School Capital Plan 2013-2016.

2013-2016 Ranking for Capital Submission – K-4

Community	Community Growth Profile (points)			Busing and Travel Time (points)		Total Points
	Preschool Census	Build-Out/Elementary (K-GR4) Enrolment	Annual Population Growth 3-Yr Average	Median Travel Time	Bus Receivers	
Area I						
Hamptons	0	20	0	0	0	20
Sherwood	0	0	0	0	0	0
Tuscany ⁽²⁾	35	40	0	0	0	75
Valley Ridge/Crestmont	15	10	0	10	0	35
Area II						
Country Hills/Harvest Hills	15	10	0	5	0	30
Evanston	25	50	5	20	0	100
Kincora	15	40	0	15	0	70
Panorama Hills ⁽²⁾	35	40	15	0	0	90
Sage Hill	0	0	0	0	0	0
Area III						
Martindale ⁽²⁾	25	20	0	5	0	50
Saddle Ridge ⁽²⁾	15	0	10	0	0	25
Skyview Ranch	0	0	0	0	0	0
Area IV						
Aspen Woods	5	40	10	10	10	75
Cougar Ridge	25	20	0	5	0	50
Discovery Ridge	5	10	0	15	0	30
Springbank Hill	25	40	0	5	10	80
Area V						
Auburn Bay	25	40	5	15	0	85
Copperfield	35	40	10	15	0	100
Cranston ⁽²⁾	15	0	10	0	0	25
Evergreen ⁽²⁾	35	0	10	0	0	45
New Brighton	25	40	15	20	0	100
Silverado	5	0	15	20	0	40
Walden	0	0	0	0	0	0

- Notes: 1. 0 points in Community Growth Profile = 0 points in Busing, Safety and Travel Time
 2. Preschool Census includes Public, Public/Separate and Unknown
 3. Communities that have a new school constructed or approved and can only support one K-4 school are not ranked.
 4. School ⁽²⁾ = the community has a new school constructed or approved and can support a second K-4 school.

2013-2016 Ranking for Capital Submission – Middle/Junior (Grades 5-9)

Community	Community Growth Profile (points)			Accommodation Plan		Busing and Travel Time (points)		Total Points
	Elementary (K-GR4) Enrolment	Build Out/ Middle (GR 5-9) Enrolment	Annual Population Growth 3-Yr Average	Existing K-4 School	GR 5-9 Accommodation N/A	Median Travel Time	Bus Receivers	
Area I								
Royal Oak/ Rocky Ridge	35	40	0	5	0	15	0	95
Area II								
Harvest Hills/ Country Hills	5	20	0	0	0	15	0	40
Evanston	5	0	5	0	0	25	0	35
Area III								
Saddle Ridge	35	50	10	5	5	20	0	125
Area IV								
Aspen Woods	0	0	10	0	0	5	0	15
Signal Hill	15	20	0	5	0	5	0	45
Springbank Hill/ Discovery Ridge	15	30	0	0	0	10	0	55
West Springs/ Cougar Ridge	25	40	5	5	0	10	0	85
Area V								
Bridlewood	15	10	0	5	0	5	0	35
Cranston	15	30	10	5	0	10	0	70
Evergreen	25	40	10	5	0	10	0	90
McKenzie Towne	25	20	5	5	0	20	0	75
New Brighton/ Copperfield	25	40	15	0	0	15	0	95

Notes: Communities that have a new middle school constructed or approved are not ranked.

CBE Point Assignments

Kindergarten – Grade 4, September 30, 2011				
Preschool Census (Age 1-5)				
200-350	5 points			
351-500	15 points			
501-650	25 points			
> 650	35 points			
Current K-4 Enrolment				
% Build Out of Community	150-250	251-350	351-450	>450
20-40	40 points	50 points	60 points	70 points
41-60	30 points	40 points	50 points	60 points
61-80	20 points	30 points	40 points	50 points
>80	10 points	20 points	30 points	40 points
Annual Population Growth – Three-Year Average of Community				
600-800	5 points			
801-1,000	10 points			
> 1,000	15 points			
Median Travel Time to Bus Receiver				
16-20 minutes	5 points			
21-25 minutes	10 points			
26-30 minutes	15 points			
31-35 minutes	20 points			
36-40 minutes	25 points			
>40 minutes	30 points			
Bus Receiver – Elementary				
Greater than one bus receiver school (no phase-outs)	10 points			

CBE Point Assignments

Middle Grade 5-9, September 30, 2011				
Elementary (K-4) Enrolment				
200-350	5 points			
351-500	15 points			
501-650	25 points			
> 650	35 points			
Current Grades 5-9 Enrolment				
% Build Out of Community	250-350	351-450	451-550	> 550
20-40	40 points	50 points	60 points	70 points
41-60	30 points	40 points	50 points	60 points
61-80	20 points	30 points	40 points	50 points
>80	10 points	20 points	30 points	40 points
Annual Population Growth – Three-Year Average of Community				
600-800	5 points			
801-1,000	10 points			
>1,000	15 points			
Existing K-4	5 points			
GR5-9 Accommodation Available	5 points			
Median Travel Time to Bus Receiver				
16-20 minutes	5 points			
21-25 minutes	10 points			
26-30 minutes	15 points			
31-35 minutes	20 points			
36-40 minutes	25 points			
>40 minutes	30 points			
Bus Receiver – Elementary				
Greater than one bus receiver school (no phase-outs)	10 points			

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
RECAPP:	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.