



Three-Year School Capital Plan 2012-2015

Prepared by Capital & Urban Planning Services
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Calgary Board of Education

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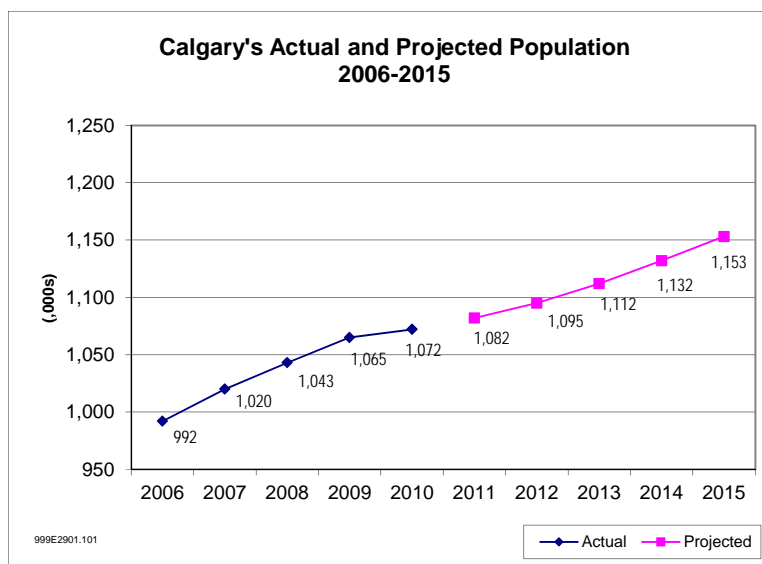
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EXECUTIVE SUMMARY

This Three-Year School Capital Plan 2012-2015 is an analysis of the CBE's forecasted school capital needs, as assessed at the present time.

1. Calgary Population Projections

Calgary has experienced tremendous growth over the past decade. One indicator of the magnitude of growth is the increase in Calgary's population by 115,437 persons in the last five years, an average of 23,087 persons per year. The City of Calgary (the City) has forecast that the total population of Calgary will reach 1,153,100 in 2015 from the total 1,071,515 in April 2010. This five-year forecast represents an average annual increase of 16,317 persons during this period.



2. Student Enrolment

The CBE's current student enrolment of 102,917 is forecast to increase to 108,623 students in 2015. The largest increase over the five-year timeframe will be Grades 1-3 students followed by Grades 4-6 students. The Grades 10-12 enrolments will decline by approximately 1,200 students.

Five-Year Enrolment Projections 2011-2015						
	Actual 2010	Projected				
		2011	2012	2013	2014	2015
Pre-Kindergarten	38	40	40	40	40	40
Kindergarten	7,459	7,627	7,993	8,346	8,013	8,221
Grades 1-3	22,443	23,163	23,797	24,623	25,628	26,035
Grades 4-6	20,436	20,590	20,965	21,720	22,418	23,032
Grades 7-9	21,693	21,549	21,507	21,242	21,401	21,783
Grades 10-12	25,667	25,303	25,009	24,660	24,498	24,453
Outreach Programs & Unique Settings	1,755	1,710	1,710	1,710	1,710	1,710
Sub-Total	99,491	99,982	101,021	102,342	103,708	105,273
Chinook Learning	2,789	2,700	2,700	2,700	2,700	2,700
CBe-learn	637	650	650	650	650	650
Total Student Count	102,917	103,332	104,371	105,692	107,058	108,623

- Chinook Learning Services includes approximately 1,000 students who are 20 years old or older on September 1.
- All projections are subject to annual review and update.
- Projections use September 30, 2010, enrolments as a base, and two-year average trends.

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 2010-2014	
Area	Population Forecast
Area I	5,600-5,800
Area II	21,600-24,200
Area III	11,500-12,700
Area IV	11,000-12,200
Area V	52,000-57,500

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 for the 2009-2010 school year and the Three-Year Education Plan 2010-2013 on December 7, 2010.

5. Schools Under Construction and Approvals

The Province provided eleven approvals from the School Capital Plan 2007-2010 for six elementary schools, four middle schools, and one senior high school. The six P3 ASAP I elementary schools: Bridlewood, Cranston, Evergreen, Royal Oak, Saddle Ridge, and West Springs, opened for the 2010-2011 school year.

The Province is constructing four middle schools and one senior high school as part of ASAP Phase II. The City of Calgary, the Province, and the CBE entered into a Memorandum of Agreement for the construction of a high school in west Calgary. This is a replacement school for Ernest Manning High school that will be closed as a result of the west LRT project being undertaken by The City of Calgary.

Future School Openings				
School Year Opening	School/Community	Grade	Approved Capacity	Approval Date
2011-2012	West Calgary High	Grades 10-12	1,800	November 2008
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 Space Capacity			6,900	

The CBE's current utilization rate by enrolment is 79%. Over the next three school years approximately 6,900 additional student spaces will be built from schools approved, and under construction. It is estimated that capacity reductions over the next ten school years could be approximately 12,300 student spaces.

Three-Year School Capital Plan 2012-2015

6. Capital Priorities – New School Construction

There are 16 new school construction projects in the Three-Year School Capital Plan 2012-2015.

Table 1: New School Construction				
Three-Year School Capital Plan 2012-2015 Priorities				
Priority Ranking – Project Description				
Community/School	Grade	Project Type	2011 Cost (\$)	
C-1 Saddle Ridge Middle	Gr. 5-9	New School	23,900,000	
C-2 Royal Oak/Rocky Ridge Middle	Gr. 5-9	New School	23,900,000	
C-3 Centennial High School	Gr. 10-12	Expansion	5,000,000	
C-4 Northeast Calgary High	Gr. 10-12	New School	46,000,000	
C-5 Evanston Elementary	K-4	New School	13,000,000	
C-6 New Brighton Elementary	K-4	New School	13,000,000	
C-7 New Brighton/Copperfield Middle	Gr. 5-9	New School	23,900,000	
C-8 Evergreen Middle	Gr. 5-9	New School	23,900,000	
C-9 Tuscany Elementary ⁽²⁾	K-4	New School	13,000,000	
C-10 Copperfield Elementary	K-4	New School	13,000,000	
C-11 Springbank Hill Elementary	K-4	New School	13,000,000	
C-12 Auburn Bay Elementary	K-4	New School	13,000,000	
C-13 McKenzie Towne Middle	Gr. 5-9	New School	23,900,000	
C-14 Springbank Hill/Discovery Ridge Middle	Gr. 5-9	New School	23,900,000	
C-15 West Springs/Cougar Ridge Middle	Gr. 5-9	New School	23,900,000	
C-16 Panorama Hills Elementary ⁽²⁾	K-4	New School	13,000,000	
Total			309,300,000	

7. Capital Priorities – Major Modernization Projects

There are 20 major modernization projects in the Three-Year School Capital Plan 2012-2015.

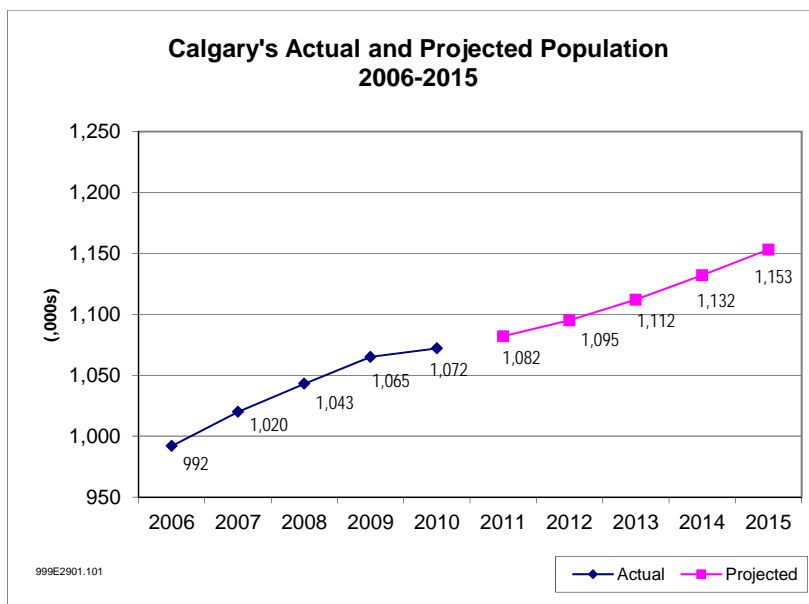
Table 2: School Major Modernizations				
Three-Year School Capital Plan 2012-2013 Priorities				
Community/School	Grade	Project Type	2011 Cost (\$)	
M-1 Chinook Learning Services		Major Modernization	10,500,000	
M-2 Area I High Schools (CTS Program)	Gr. 10-12	Major Modernization	24,250,000	
M-3 Area V High Schools (CTS Program)	Gr. 10-12	Major Modernization	24,250,000	
M-4 Area III High Schools (CTS Program)	Gr. 10-12	Major Modernization	24,250,000	
M-5 Area II High Schools (CTS Program)	Gr. 10-12	Major Modernization	24,250,000	
M-6 Piitoayis Family School	K-6	Major Modernization	12,500,000	
M-7 Christine Meikle School	Gr. 7-12	Major Modernization	7,500,000	
M-8 Altadore School	K-6	Major Modernization	9,000,000	
M-9 Nickle School	Gr. 5-9	Major Modernization	11,000,000	
M-10 Sir Wilfrid Laurier School	Gr. 5-9	Major Modernization	11,000,000	
M-11 Elboya School	K-9	Major Modernization	10,000,000	
M-12 Dr. J.K. Mulloy School	K-6	Major Modernization	6,000,000	
M-13 Henry Wise Wood High School	Gr. 9-12	Major Modernization	23,000,000	
M-14 Senator Patrick Burns School	Gr. 5-9	Major Modernization	11,000,000	
M-15 A.E. Cross School	Gr. 7-9	Major Modernization	11,000,000	
M-16 Sir John A. Macdonald	Gr. 7-9	Major Modernization	11,000,000	
M-17 Thomas B. Riley School	Gr. 5-9	Major Modernization	11,000,000	
M-18 Robert Warren School	Gr. 5-9	Major Modernization	4,000,000	
M-19 Louis Riel School	K-9	Major Modernization	11,000,000	
M-20 Woodman School	Gr. 5-9	Major Modernization	9,000,000	
Total			265,500,000	

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 almost 103,000 students (includes Adult Education) through 223 schools with more than 10,000 permanent employees and an operating budget of \$1,044.9 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 115,437 persons between 2005 and 2010, at an average of 23,087 persons per year.

Calgary's population growth has significantly slowed the past year in comparison to previous years. The population grew from 1,065,455 in April 2009 to 1,071,515 in April 2010, an increase of 6,060 (.57%). Low population growth the past year was primarily due to the negative net migration of people moving away from Calgary.



The City of Calgary's report, Calgary and Region Economic Outlook 2010-2020 (October 2010), identifies continued strong growth for Calgary; however, at a reduced pace. The City forecast indicates the total population of Calgary will reach 1,153,100 in 2015, an increase of 81,585 persons from the 1,071,515 total as at April 2010 by the Civic Census. The

five-year population forecast to 2015 represents an average increase of 16,317 persons per year during this period.

Calgary Total Population (,000s)										
Actual						Projected				
2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
956	992	1,020	1,043	1,065	1,072	1,082	1,095	1,112	1,132	1,153

Calgary and Region Economic Outlook 2010-2020 (October 2010), p. 2

In 2010, Calgary's population grew by 6,060 persons. The natural increase from April 2009 to April 2010 was 10,214 persons. There was a decrease of 4,154 persons in net migration where more people moved away from Calgary than moved to Calgary. The last time Calgary experienced a negative net migration was in 1992.

1.1 CBE Student Enrolment

Total CBE enrolment was 102,917 students on September 30, 2010. There are 99,491 students accommodated in 223 schools and 3,426 students are enrolled at Chinook Learning Services and CBe-learn.

Enrolment increased by 247 students, excluding CBe-learn and Chinook Learning Services, and 541 students including CBe-learn and Chinook Learning Services from September 30, 2009, to September 30, 2010.

Enrolment increased at Kindergarten through Grades 1-3, and declined at Grades 4-6, Grades 7-9, and Grades 10-12.

Over 14,000 births to Calgary mothers were reported for the fourth consecutive year, which should result in strong enrolment in future years. Kindergarten and Grade 1 registrations indicate strong enrolment into the future. Based on the City's census data, CBE's market share for Kindergarten was 58% and 64% for Grade 1. The average over the last five years is 59% and 63%.

Enrolment in French Immersion, Spanish Bilingual, German Bilingual, and Chinese (Mandarin) Bilingual programs was 9,752 students at 35 schools. Enrolment increased by 381 students over last year.

Enrolment reported at other alternative programs (Alice Jamieson Girls' Academy, Arts-Centred Learning, Juno Beach Academy of Canadian Studies, Medicine Wheel, Montessori, Piitoayis Family School, Science Schools and Traditional Learning Centres) was 7,444 students at 26 schools. Enrolment increased by 633 students over the last year.

The following table provides a summary of enrolments including unique settings, outreach programs, Chinook Learning, and CBe-learn from September 30, 2006, to September 30, 2010.

Five-Year History of Enrolments by Division					
2006-2010					
	2006	2007	2008	2009	2010
Pre-Kindergarten	0	0	0	0	38
Kindergarten	6,477	6,604	7,082	7,202	7,459
Grades 1-3	21,171	20,773	21,299	21,741	22,443
Grades 4-6	20,933	20,773	20,730	20,742	20,436
Grades 7-9	22,415	22,281	22,194	22,111	21,693
Grades 10-12	26,083	25,843	25,712	25,721	25,667
Outreach and Unique Settings	1,398	1,521	1,634	1,727	1,755
Sub-Total K-12	98,477	97,795	98,651	99,244	99,491
Chinook Learning	2,683	2,589	2,492	2,447	2,789
CBe-learn	525	651	679	685	637
Total	100,118	101,685	101,035	101,822	102,917

Five-Year Enrolment Projections

Total enrolments are expected to increase by 5,706 students from September 2010 to September 2015. A summary of the September 30, 2010, actual student enrolments and September 2011-2015 projected enrolments are below:

Five-Year Enrolment Projections 2011-2015						
	Actual 2010	Projected				
		2011	2012	2013	2014	2015
Pre-Kindergarten	38	40	40	40	40	40
Kindergarten	7,459	7,627	7,993	8,346	8,013	8,221
Grades 1-3	22,443	23,163	23,797	24,623	25,628	26,035
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- Chinook Learning Services includes approximately 1,000 students who are 20 years old or older on September 1.
- All projections are subject to annual review and update.
- Projections use September 30, 2010, enrolments as a base, and two-year average trends.

1.2 Calgary Growth and Development

The City of Calgary supports an actively competitive land market in all areas of the City and there are 23 new and developing municipal communities (Suburban Residential Growth, May 2010) 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. In terms of distribution of population growth, the 2009-2010 population increased 13,688 persons in the developing municipal communities and decreased 6,406 persons in the established communities and decreased 1,222 persons in the inner-city communities.

Forecasted Suburban Growth – 2010-2014

The *Suburban Residential Growth 2010-2014* indicates that the majority of the population growth over the past five years has been in the developing communities. The new Calgary Municipal Development Plan supports more intensification into developed areas of Calgary but forecasts used over the next five years estimate the majority, at least 90%, of the population growth is assumed to occur in the new suburbs.

There are 43,400 new housing units forecasted for 2010-2014, city-wide. Of the total units forecast, The City of Calgary estimates that 80% (34,660 total units) is projected to go to new communities.

Although the total population growth to the City as a whole is expected to be 118,693 people, the new suburban areas have traditionally grown at a higher rate. These new areas have historically captured all of the population growth in Calgary and more by pulling additional populations from the built areas of the City. Forecasts for the future are that the new suburbs will capture 90% of the expected population gain over the next five years. This growth means the City will likely add 34,660 units to the new suburban areas of the City and population projections are for 107,000 persons.

The top ten developing communities to receive residential building permit applications in Calgary for 2010 were:

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

(Source: Suburban Residential Growth 2010-2014, p. A16, A17)

The figures in the Suburban Residential Growth 2010-2014 (May 2010) are significantly more optimistic than The City of Calgary’s Economic Outlook 2010-2020 (October 2010) that reflect new Census 2010 information. The next future suburban residential growth forecast prepared for this year will have significantly reduced forecasts for population growth.

A summary of the 2010-2014 period forecast for urban growth for suburban locations is as follows (see **Map 1**):

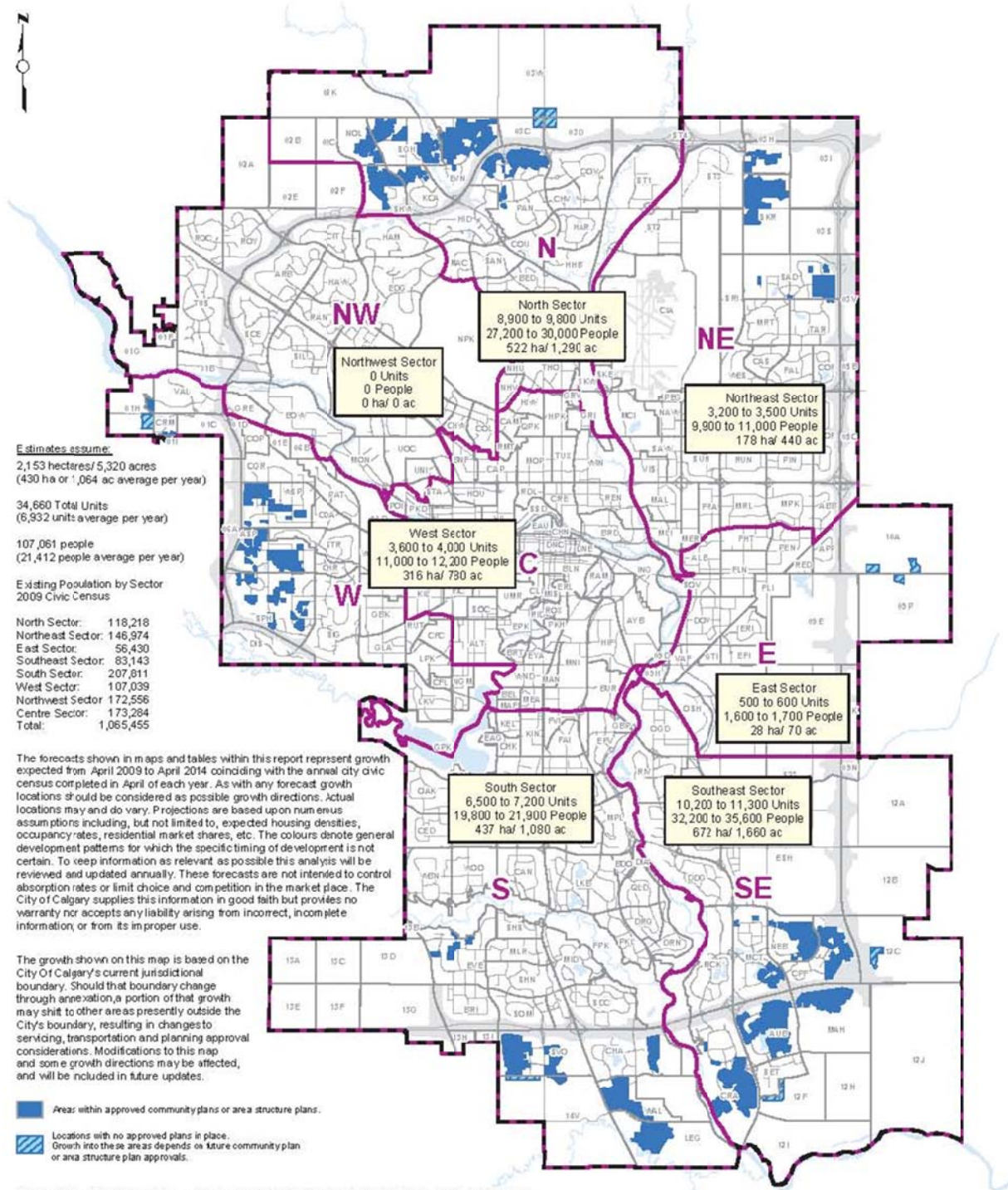
City Growth Trends by City Sector 2010-2014				
Sector	Housing Units	Population Forecast	Hectares	Acres
Northwest	0	0	0	0
North	8,900-9,800	27,200-30,000	522	1,290
Northeast	3,200-3,500	9,900-11,000	178	440
East	500-600	1,600-1,700	28	70
Southeast	10,200-11,300	32,200-35,600	672	1,660
South	6,500-7,200	19,800-21,900	437	1,080
West	3,600-4,000	11,000-12,200	316	780

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 2010-2014	
Area	Population Forecast
Area I	5,600-5,800
Area II	21,600-24,200
Area III	11,500-12,700
Area IV	11,000-12,200
Area V	52,000-57,500

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 over 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 2010-2014



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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* will result in a long-term integrated land use and mobility plan for the City which is projected to grow by 1.3 million people over the next 50 to 70 years.

The City of Calgary's *Plan It Calgary* document identifies opportunities for greater intensification of older established communities in the future. *Plan It Calgary* intends to reduce the amount of growth allocated to the developing communities which is currently 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 prioritizing municipal investment to align with its long-term growth management strategy.

As identified in the previous section, the majority of City growth is occurring in the developing communities. In terms of population increases from the April 2009 Census to the April 2010 Census, Panorama Hills was the only new and developing community that exceeded 1,000 in population with an annual increase of 1,455 persons. In the previous year, there were ten communities that exceeded a 1,000-increase in population.

In contrast, the largest increases in the established and inner-city communities were Beltline with a population increase of 561 persons and Spruce Cliff with a population increase of 356 persons. Both these communities have had high density developments (e.g., Westgate Park Towers in Spruce Cliff).

Schools with excess capacity are primarily located in established communities where the lifecycle of the neighbourhood has surpassed the peak of school-age population and is declining. Intensification of built-up areas as advocated by *Plan It Calgary* may impact the population in CBE schools in the established and mature communities.

1.4 City of Calgary Annexation

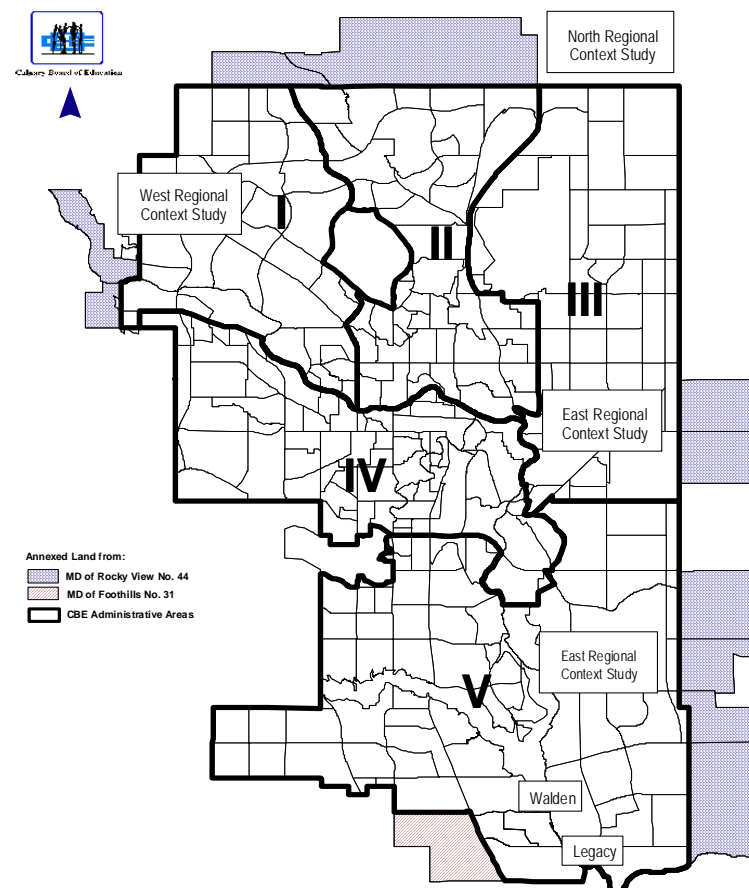
Previously Annexed Lands

The majority of the 36,000 acres annexed to The City of Calgary (the City), from the MD of Foothills in 2005 and MD of Rocky View in 2007, remain outside of the Calgary Board of Education's (CBE) jurisdictional boundary. Only a portion of land in the south from the MD of Foothills has been added to the CBE boundary consisting of the southeastern communities of Walden and Legacy. In June 2009, the Minister of Education gave the order to adjust the CBE jurisdictional boundary to include Walden and Legacy.

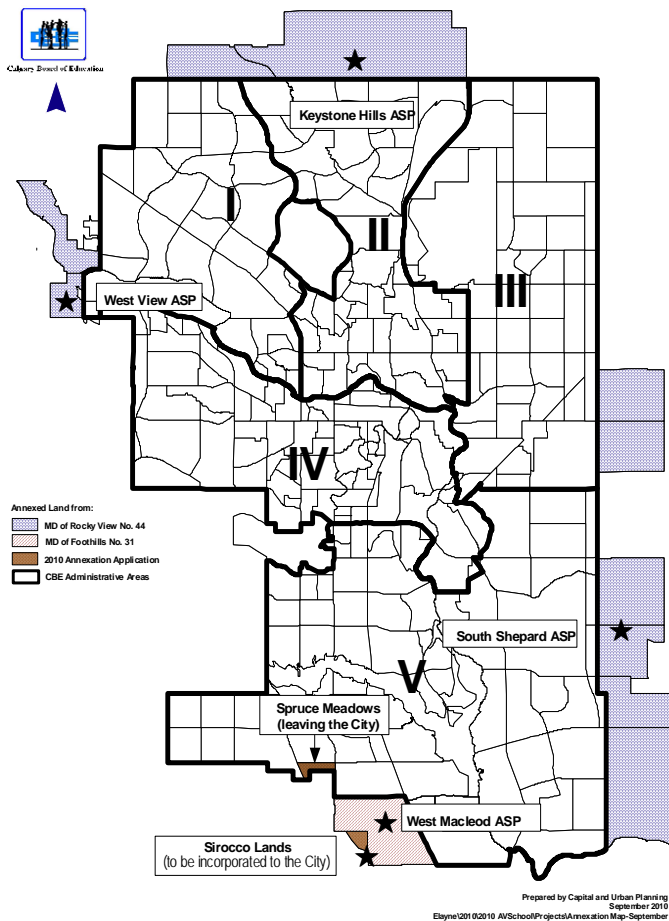
The Minister of Education again reaffirmed this position in 2010 and advised the CBE and Calgary Catholic School District that it is in the best interest of the students to retain the existing school boundaries until urban development warrants change. The Minister also indicated that annexed lands would be brought into the CBE and Calgary Catholic School District inventory as area structure plans are finalized.

The City Administration has been directed by City Council to complete the applicable planning documents to guide development in the newly-annexed lands. CBE planning personnel have been participating in meetings and discussions to allow for long-term school planning in the newly-developed lands. The regional context studies are the broad-based plans to guide development in the annexed areas and have been approved by City Council.

- 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.



The West Macleod Area Structure Plan was approved November 2009; however, outline plans have not been submitted to The City of Calgary. The South Shepard Area Structure Plan and West View Area Structure Plan are expected to be approved in 2011. The Keystone Hills Area Structure Plan is in the early stages of preparation. It is anticipated following approvals of the latter area structure 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, as they can still accommodate in excess of 250,000 new residents. It is anticipated that there will be less than 10,000 population growth from the newly-annexed areas. In the long term, the newly-annexed areas will add approximately 350,000 to 400,000 new residents to the City.

Recent Annexation Activities

In June 2010, the City 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 desires 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 will annex approximately 136 acres to its municipal boundary. In return, the City will annex approximately 177 acres from the Municipal District of Foothills. New planning will likely be undertaken by the City to develop their lands to urban residential densities and standards. Public hearings have been held and the annexations have been approved by the Municipal Government Board. These annexation applications are going to Cabinet for the spring sitting of the Legislature and are expected to be approved retroactive to January 2011.

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 following planning strategies will be pursued to more effectively utilize space and resources.

- Prepare annually, a Ten-Year System Student Accommodation and Facilities Strategy.
- Undertake an annual review through the Three-Year System Student Accommodation Plan to identify schools and programs that may lead to consideration of closure.
- Apply to the provincial government to receive capacity exemptions for leased space.
- Respond to demand for alternative programs and system special education classes.
- Review the condition of portables/relocatables and request provincial support for demolition/movements.
- Right-size schools to increase utilization.

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 and the Three-Year Education Plan 2010-2013 for the 2009-2010 school year on December 7, 2010.

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.

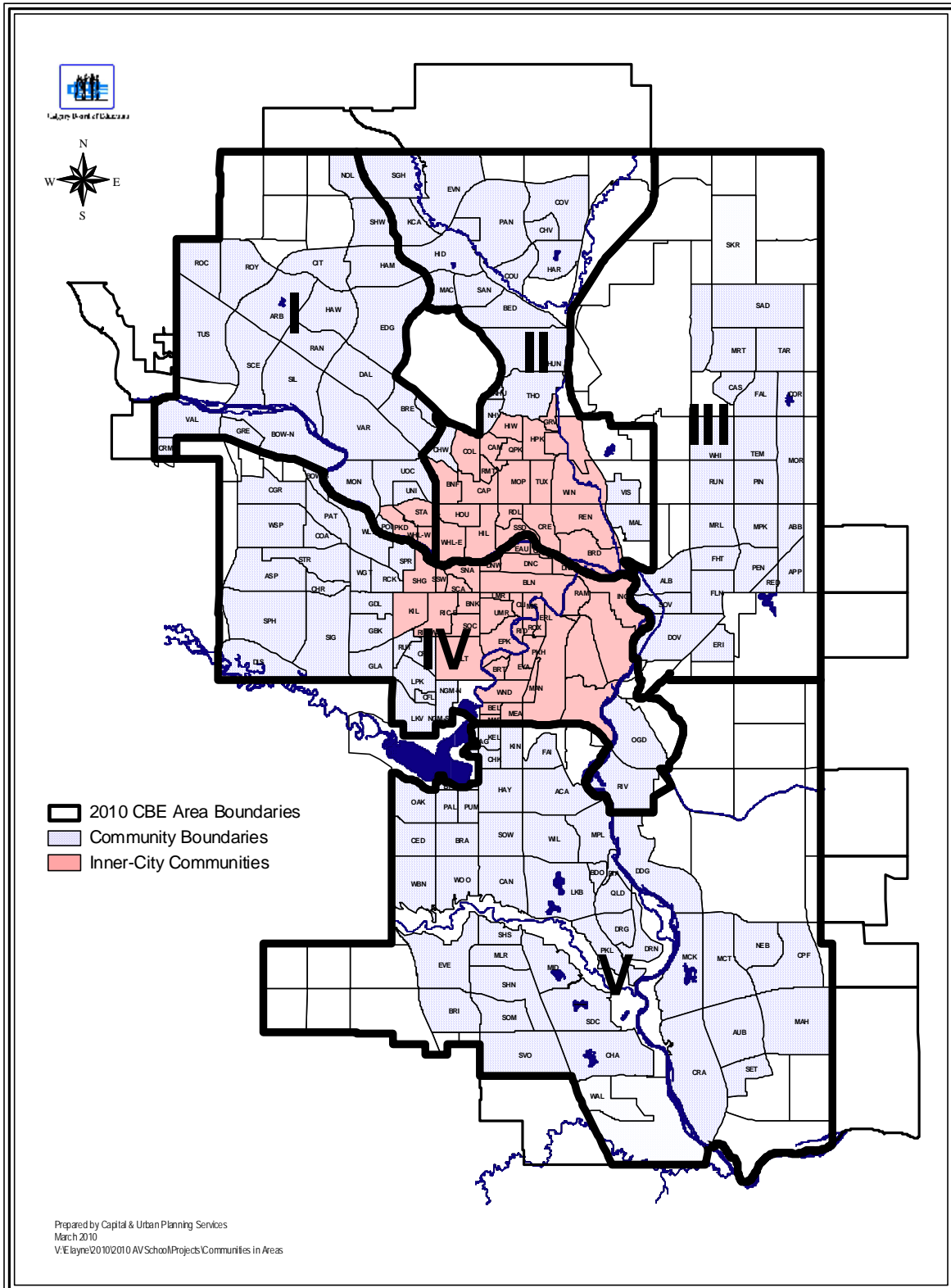
The CBE desires to use their facilities efficiently and continues to work towards an 80% utilization rate. Given the constraints of the existing utilization formula and other influencing factors such as the Class Size Initiative, the CBE considers an 80% utilization rate a reasonable target. Currently, the CBE's overall utilization rate by enrolment is 79.0%. The utilization rate is 75.1% for K-9 students and 91.3% 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 2014-2015 account for additional school capacity through new construction and capacity reductions through school closure and consolidation.

Area Utilization by Student Enrolment				
Area	2010-2011 Actual		2014-2015 Projections	
	K-9 Utilization	Grades 10-12 Utilization	K-9 Utilization	Grades 10-12 Utilization
I	76.75%	108.84%	82.97%	67.82%
II	77.04%	89.54%	77.55%	79.43%
III	79.15%	85.86%	82.07%	76.16%
IV	67.13%	90.20%	74.36%	79.62%
V	72.68%	89.38%	79.50%	79.28%
Total	74.65%	91.30%	79.34%	77.09%

Area Utilization by Student Residence				
Area	2010-2011 Actual		2014-2015 Projections	
	K-9 Utilization	Grades 10-12 Utilization	K-9 Utilization	Grades 10-12 Utilization
I	85.08%	153.05%	91.52%	94.35%
II	65.35%	58.87%	65.45%	51.66%
III	87.67%	137.65%	90.46%	120.78%
IV	67.81%	83.95%	74.73%	73.31%
V	72.98%	95.09%	79.42%	83.45%
Total	75.47%	97.00%	79.81%	81.03%

2010-2011 Municipal Communities in Areas
(See List of Community Code Definitions)



Municipal Community Code Definitions

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

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 Department of Community Engagement and Operational Planning in consultation with Area Directors. Administration is responsible for engaging internal and external stakeholders regarding student accommodation challenges.

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.

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 six schools that are under construction. There will be 6,900 student spaces added to the CBE over the next three 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. The estimated capacity that can be reduced over the next ten years is approximately 12,300 student spaces.

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/SSAP2010-2013.pdf>

2.5 New School Construction and School Approvals

Six new elementary schools that were part of the ASP Phase I process opened for the 2010-2011 school year:

Recent School Openings					
School Year Opening	School	Grade	Provincial Capacity	Provincial Approval	Day School Opened
2010-2011	Bridlewood	K-6	600	June 14, 2007	2010-Sep-01
	Cranston	K-4	550	June 14, 2007	2010-Sep-01
	Evergreen	K-4	550	June 14, 2007	2010-Sep-01
	Royal Oak	K-4	550	June 14, 2007	2010-Sep-01
	Saddle Ridge	K-3	550	June 14, 2007	2010-Sep-01
	West Springs	K-5	550	June 14, 2007	2010-Sep-01

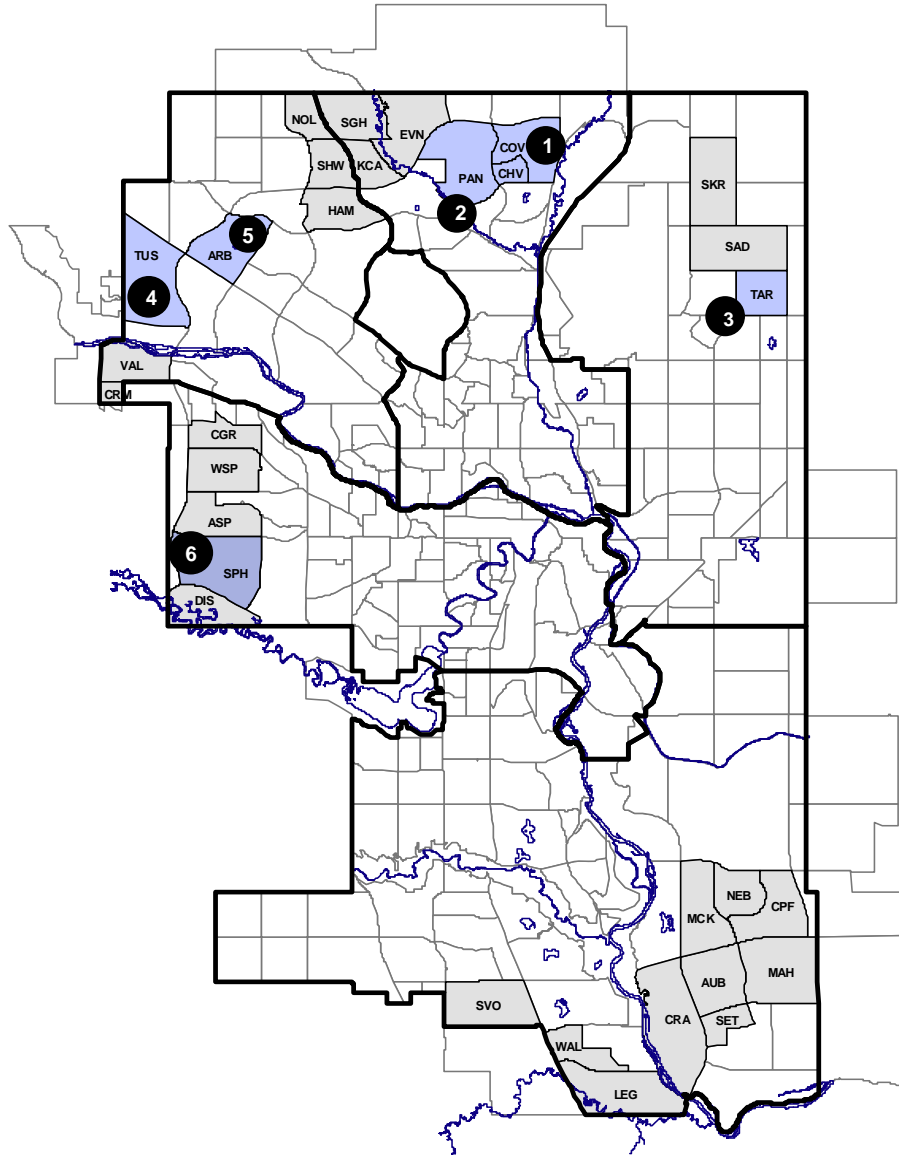
The Province will undertake four middle schools and one senior high school as part of ASAP Phase II. The City of Calgary, the Province, and CBE entered into a Memorandum of Agreement for the construction of a high school in west Calgary. This is a replacement school for Ernest Manning High School that will be closed as a result of the west LRT project being undertaken by The City of Calgary.

Future School Openings				
School Year Opening	School	Grade	Approved Capacity	Approval Date
2011-2012	West Calgary High	Grades 10-12	1,800	November 2008
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			6,900	

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

Map 3

School Construction Projects



☐ Schools Approved for Funding

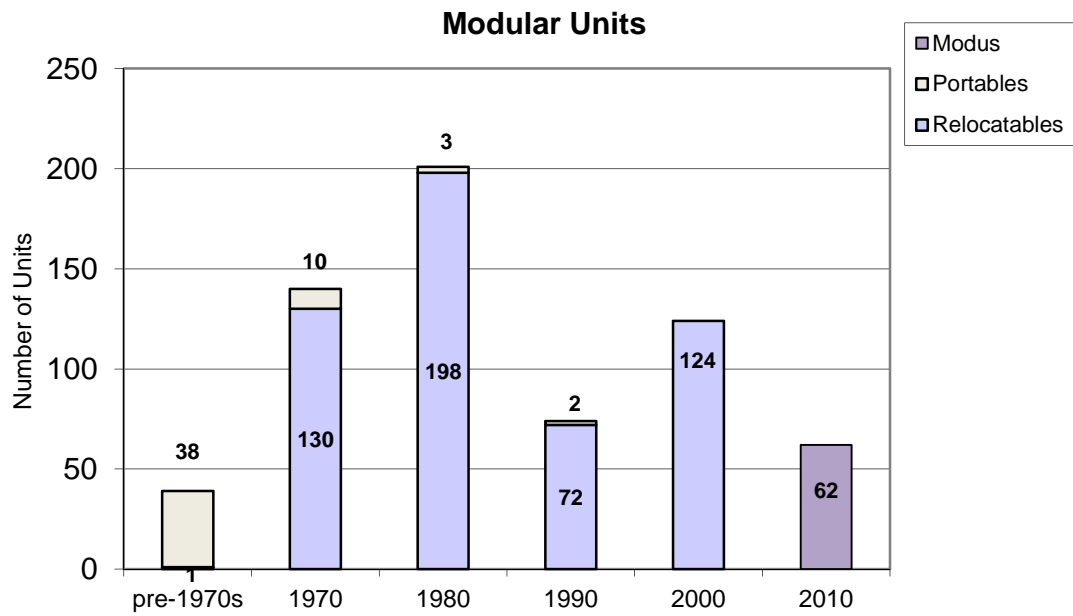
Communities Where Schools Have Been Approved for Funding		
Under Construction		
COV	1	COVENTRY HILLS
PAN	2	PANORAMA HILLS
TAR	3	TARADALE
TUS	4	TUSCANY
ARB	5	NORTHWEST CALGARY HIGH
SPH	6	WEST CALGARY HIGH

Prepared by Capital & Urban Planning Services
 August 2010
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2.6 Modular Units

The CBE defines modular units as being either portable or relocatable units. A portable is a stand-alone unit ranging in age from the 1960s to the 1980s (two portables are from the 1990s). The majority of portable units are in the 1960s. Portable units typically have wood siding, gabled roofs, dual entrances, and are designed to stand alone. In contrast, relocatable units are typically designed with flat roofs and metal siding. Typically, these units are designed to be joined together with other like units via an attaching corridor. This style enables the units to be more easily attached to each other and main school structures.

The lifespan of modular units is approximately 25 to 30 years. Many of the current units in the CBE inventory were constructed prior to 1997 and no longer conform to the 2006 Alberta Building Code. These units, built in the 1960s and 1970s, represent approximately 28% of the inventory, and have exceeded their original lifespan. As a result, many units require significant upgrades and/or reconstruction when relocated and frequently cost more than 75% of the unit replacement value.



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In the summer of 2009, the CBE undertook a re-evaluation audit of its complete modular inventory. The intent of this modular audit was to rate the condition of each unit’s interior, exterior, and roof condition. Additionally, the report noted the condition of furnaces, skirting, venting, and other notes depicting the condition of each individual unit. The modular audit used the same rating structure as Alberta Infrastructure’s *Renewal Capital Asset Planning Process (RECAPP)*.

This modular audit has become an important report used by the CBE. The CBE's Facility Services use this audit to continually evaluate conditions of modular units, and then maintain those units. The CBE's Capital Planning and Development Services additionally uses the modular audit to set priorities when evaluating and finding units for demolition with no replacement, as well as demolition with replacement.

School utilization rates, enrolment projections, school functionality, and future accommodation plans play an important part when making decisions about modular units that should otherwise be demolished. By reviewing this background information, in conjunction with the modular audit, the potential list of aging modular units can be narrowed, analyzing the need for those units otherwise designated for demolition or demolition with replacement, meeting priority accommodation needs within the CBE. This annual effort has resulted in the development of the Three-Year Modular Accommodation Strategy 2010-2013 (Strategy).

The Strategy identifies new units, moves, demolitions, and replacements to be taken over a three year period. The Strategy is updated on an annual basis as needs and items come forward and/or are completed. If items within this Strategy become emergent they are brought forward and addressed. In 2010, Year 1 of the Strategy, the CBE demolished 11 modular units, of which eight were of 1960s vintage and three were of 1970s vintage.

In September 2010, six new P3 schools were added to the overall CBE facility inventory and were constructed complete with attached modular units. A total of 62 new modular units were constructed for the six new P3 schools. Bridlewood School has 12 units and the remaining five schools (Cranston, Evergreen, Royal Oak, Saddle Ridge, and West Springs) have 10 modular units each.

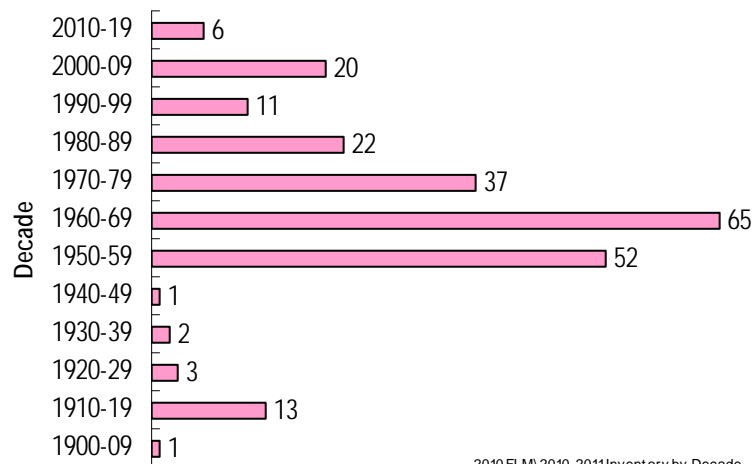
To date, the total current 2010-2011 inventory count is 640 modular units. Over and above this count there are six modular units designated as daycare units, which are owned by the Province but maintained by the CBE. Battalion Park, Chaparral, and Tuscany schools have two units each.

2.7 School Major Modernization

School major modernization projects provide for the renovation of whole or part of a school building to address physical obsolescence and/or improve functional adequacy and suitability for present and future educational programs. School major modernization projects should not exceed 75% of the replacement value of the school building as per provincial guidelines. The approval of Western Canada High School's \$35 million modernization in 2007 has been the only CBE modernization approval in the last eight years. The Western Canada modernization will be substantially completed by the end of 2011.

From the 242 CBE-owned facilities, 233 are schools. One-hundred and forty 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



2010 FLM/2010-2011 Inventory by Decade

In 2004, the Province undertook a rolling condition assessment of schools in the Renewal Capital Asset Planning Process 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.

The CBE administration has evaluated modernization priorities for this year's Capital Plan. Key factors that are evaluated to determine priorities are:

- Role of the school and accommodation plans.
- Enrolment, utilization rates, and enrolment projections.
- Site features and location.
- Facility condition.
- Ability to upgrade the facility.

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

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, Chinook Learning, Piitoayis Family School, and Christine Meikle School have been placed in priority order.

2.8 Property and Leasing Strategies

The property and leasing strategies of the CBE provide the framework for management of surplus school space, responsive to the Three-Year Education Plan and directly correlated with the planning and utilization strategies as contained in the Three-Year School Capital Plan.

Capacity Exemptions

Provincial policy allows for capacity exemptions through facility and/or partial facility closures, as well as lease of surplus school space. The strategy of leasing to receive capacity exemptions is considered a useful alternative to reduce the capacity of schools that are moderately under-utilized. It is not considered a pragmatic alternative for schools that are highly under-utilized and, as a result, leasing policy recommends that lease initiatives be concentrated on those schools with a utilization rate of 60% or higher. Schools with a significantly lower rate of utilization require a systematic review prior to leasing being considered as the solution to reduce the capacity of the school.

Leasing is Cost Neutral

The CBE supports the lease of surplus school space to organizations whose goals and initiatives are aligned with the CBE's vision and mission. Unless otherwise approved by the Board of Trustees, all lease arrangements are provided on a "cost neutral" basis, such that a lease fee is charged to recover costs incurred by the Board in the provision of leased space. Closed facilities which are leased entirely by a third party are assessed a lease rate based on market rates, in accordance with Provincial policies.

The CBE performs an annual review of leases and will adjust lease rates where required to ensure cost recovery for third-party use of surplus school space, as well as conformance to Provincial guidelines.

System Perspective

The complex facility requirements of the CBE require that utilization of facilities be considered on a system-wide basis. Property and leasing strategies are impacted by ongoing system requirements for program and administrative space, as well as provincial and municipal regulations, and market demand.

Closed schools are reviewed on an ongoing basis, in conjunction with system accommodation planning. The facility review process considers system requirements for both the short and long term, and assists in determining whether a property is reoccupied for CBE purposes, leased, or recommended for disposition.

Integrated Workplace System

The CBE maintains a vast amount of data pertaining to a multitude of properties and buildings. Building data is currently being consolidated into an Integrated Workplace Management System, a web-based database for a wide range of property

and building data. The availability of facility information to various service units through a common database will allow for long-term costs savings gained through operational efficiencies.

2.9 Property and Leasing Policy

The CBE's property and leasing policies not only reflect the goals and objectives of the Board, but must also be congruent with provincial policy and regulations, as well as City of Calgary by-laws and the Joint Use Agreement. A challenge exists to develop a property and leasing policy which satisfies all regulatory requirements while addressing Board objectives and allowing for innovative solutions to complex property requirements.

The current property and leasing policy supports the Three-Year Education Plan and allows for alternative uses for surplus school space which may create added value for schools and communities.

2.10 Alternative Funding Models

Six new elementary schools opened for the 2010-2011 school year. Four middle schools and two senior high schools are currently under construction. These capital projects will assist in meeting new school needs for high priority communities where student demand is significant. There is still pressure for CBE capital projects as evidenced by nine new school construction projects and 11 modernization projects in Year 1 of the previous School Capital Plan 2011-2014. The School Capital Plan 2011-2014 was submitted to the Province on April 21, 2010, and there have been no approvals announced to date.

In view of the lack of capital project approvals from the last three 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.

To make effective use of all potential capital funding sources, the CBE must continue to investigate and leverage alternative funding mechanisms to support the mitigation of the significant backlog in deferred maintenance within the CBE. In 2009-2010, administration identified a Phase Four energy savings retrofit project that would again utilize a capital leasing approach to undertake the retrofit of another 15 schools within the CBE commencing in the 2010-2011 school year and in keeping with the characteristics identified above.

This was done through leveraging surplus short-term cash funds held by the CBE resulting in reduced borrowing costs. In addition, changes are required in the Capital Borrowing Regulations to engage school districts to better utilize borrowing mechanisms. The Phase Four Energy Retrofit, to be undertaken by Ameresco, was approved on May 25, 2010, by the Board of Trustees and approved by the Minister of Education.

2.11 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 has been expressed through both city-wide initiatives and specific initiatives focussed on property, leasing, and infrastructure challenges. The following initiatives are examples of the CBE working together with the City:

- The west LRT is currently under construction and is progressing well. The west LRT will have an impact on Ernest Manning High School and the Westbrook Station is planned at this site. An 1,800-student-capacity school (West Calgary High School) will replace Ernest Manning High School in the Springbank Hill community. The CBE allowed the City to access a portion of the Ernest Manning playfields to begin work on the Westbrook LRT Station. Ernest Manning will be closed once students have relocated to the new school.
- The CBE worked with the City on plans for the new ten-storey CBE Administration Centre on 12th Avenue SW and 8th Street SW. A key component of the Administration Building Complex includes the renovation and modernization of the Dr. Carl Safran School, which is one of the CBE's original sandstone structures located on the site (formally known as Central High). The CBE and The City of Calgary reached an agreement to ensure one-third of the site is used for green space and that there is no net loss of functional open space in the community.
- 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. Amendments had been made to the Municipal Government Act to accommodate community uses. The CBE has returned 12 vacant school sites to the City, two of which have been used for other municipal purposes. The City is evaluating the ten remaining 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*. Annexation was completed in 2007 and the Land Use Bylaw update was completed in mid-2008, while *Plan It Calgary* was implemented April 1, 2010.
- 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 recent initiative to establish an 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 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 2012-2015 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**

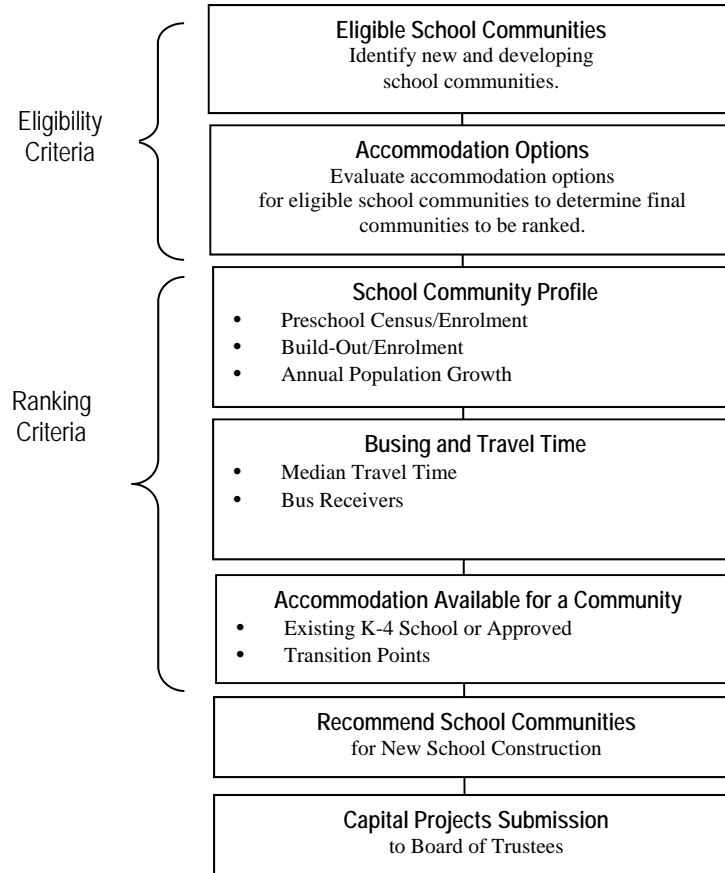
Point assignments are given to school communities based on Busing and Travel Time assessment. Based on this information, two categories have been developed for ranking purposes: median travel time and number of bus receivers.

- **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 2012-2015
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	153.05%	108.84%
Area II	58.87%	89.54%
Area III	137.65%	85.86%
Area IV	83.95%	90.20%
Area V	95.09%	89.38%

Notes:

- Student residence and enrolment as at September 30, 2010
- Capacity is based on Alberta Infrastructure's Area, Capacity and Utilization Report dated July 20, 2010

Area I indicated a very strong demand based upon 153% utilization by residence and 109% by utilization, 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 an 1,800-capacity senior high in the northeast. Utilization rates for the northeast are 138% utilization by residence and 86% 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 89% utilization by enrolment. Increased population growth in the developing communities in Area V will put pressure on existing schools and additional capacity at Centennial High School should be considered. 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	
1.	Saddle Ridge Middle
2.	Royal Oak/Rocky Ridge Middle
3.	Evanston Elementary
4.	New Brighton Elementary
5.	New Brighton/Copperfield Middle
6.	Evergreen Middle
7.	Tuscany Elementary ⁽²⁾
8.	Copperfield Elementary
9.	Springbank Hill Elementary
10.	Auburn Bay Elementary
11.	McKenzie Towne Middle
12.	Springbank Hill/Discovery Ridge Middle
13.	West Springs/Cougar Ridge Middle
14.	Panorama Hills Elementary ⁽²⁾

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, pre-school census) will be placed ahead as was the case of Evanston (#3) over New Brighton (#4). As well for ties in ranking, an elementary school will be placed ahead of a middle school for a community as was the case with New Brighton Elementary (#4) ahead of the New Brighton/Copperfield Middle (#5). In the case of a tie with a second elementary being ranked for a community, the community that does not have an elementary or a middle school (e.g., Evergreen #6) will place ahead of the community being ranked for a second school (e.g., Tuscany #7).

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.

Centennial High School

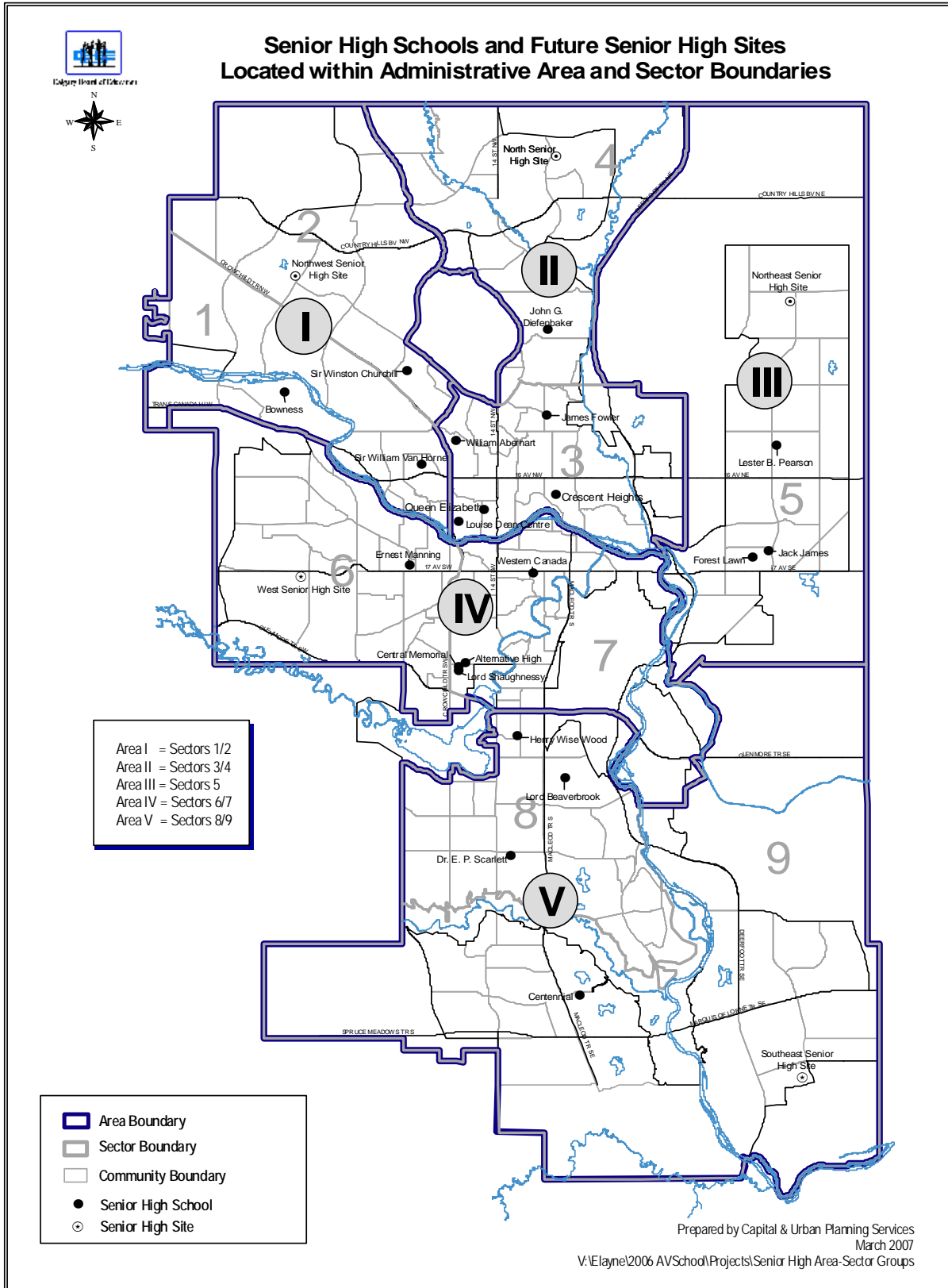
A 400-capacity expansion at Centennial High School is identified as a high priority in this Three-Year School Capital Plan 2012-2015. The current attendance area for Centennial High School includes the communities of Bridlewood, Chaparral, Evergreen, Midnapore, Millrise, Shawnee Slopes, Shawnessy, Somerset, and Sundance. Additional space is required at Centennial High School to accommodate the anticipated growth of the developing communities in Area V.

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 6,629 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 Lester B. Pearson (Area III).

There are 1,258 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 will also accommodate the Genesis Centre for Health and Wellness for cultural, recreational, and library uses. Partners of the project are: the Northeast Centre Community Society, YMCA, Public Library, and The City of Calgary. The Genesis Centre project is under construction and is to be completed fall of 2011.



4.0 THREE-YEAR SCHOOL CAPITAL PLAN 2012-2015 – 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. The CBE has not identified a Year 1, Year 2 and Year 3 category as was done in previous years. No approvals have occurred for three years and one master list is being used for current 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 6.0) describe the community and school profiles in order of priority. The key maps in the top right corner of the page depict the location of the community described for new construction projects. The light-shaded areas represent all the new and developing communities in Calgary.

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

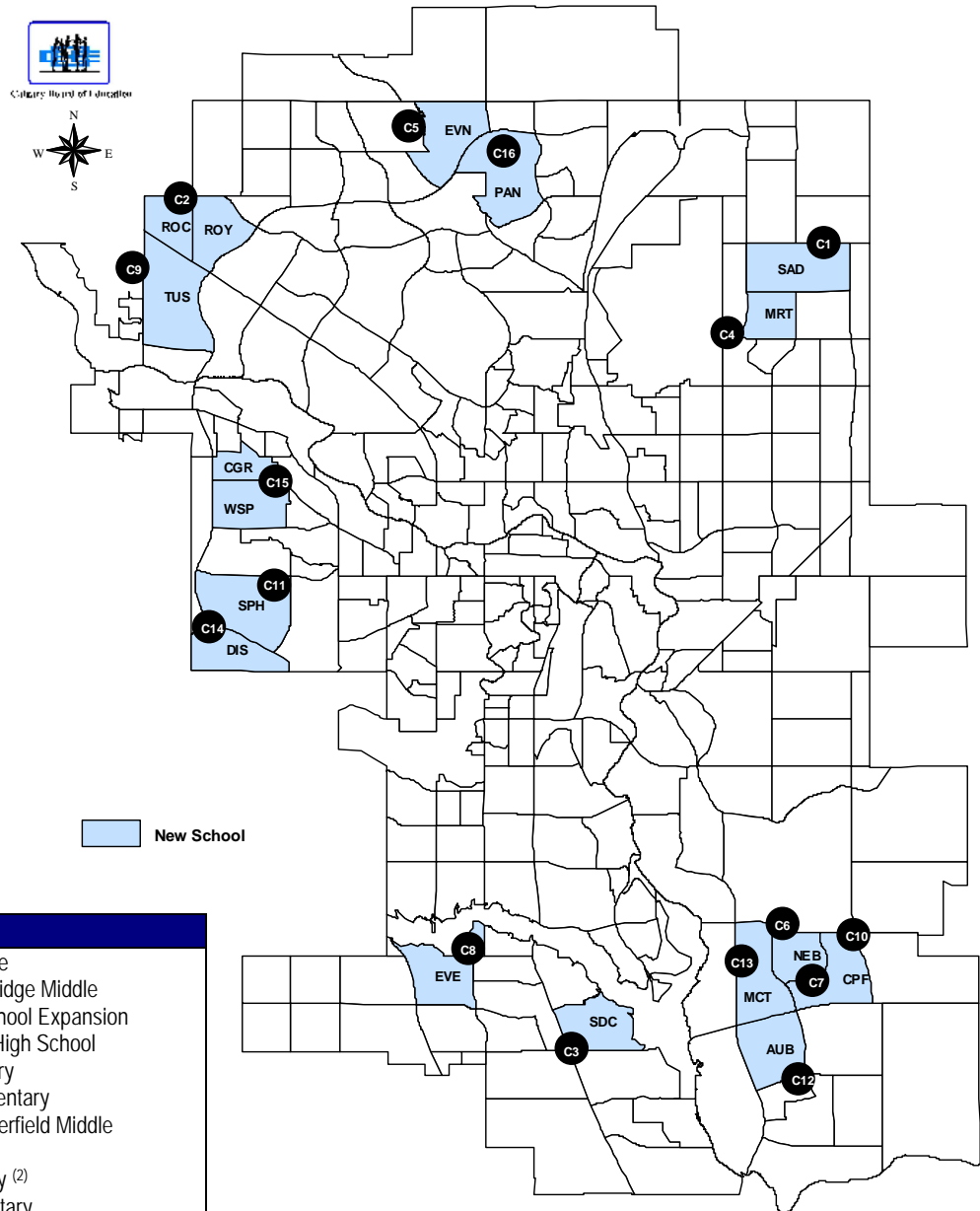
Three-Year School Capital Plan 2012-2015

Table 1: New School Construction			
Three-Year School Capital Plan 2012-2015 Priorities			
Priority Ranking – Project Description			
Community/School	Grade	Project Type	2011 Cost (\$)
C-1 Saddle Ridge Middle	Gr. 5-9	New School	23,900,000
C-2 Royal Oak/Rocky Ridge Middle	Gr. 5-9	New School	23,900,000
C-3 Centennial High School	Gr. 10-12	Expansion	5,000,000
C-4 Northeast Calgary High	Gr. 10-12	New School	46,000,000
C-5 Evanston Elementary	K-4	New School	13,000,000
C-6 New Brighton Elementary	K-4	New School	13,000,000
C-7 New Brighton/Copperfield Middle	Gr. 5-9	New School	23,900,000
C-8 Evergreen Middle	Gr. 5-9	New School	23,900,000
C-9 Tuscany Elementary ⁽²⁾	K-4	New School	13,000,000
C-10 Copperfield Elementary	K-4	New School	13,000,000
C-11 Springbank Hill Elementary	K-4	New School	13,000,000
C-12 Auburn Bay Elementary	K-4	New School	13,000,000
C-13 McKenzie Towne Middle	Gr. 5-9	New School	23,900,000
C-14 Springbank Hill/Discovery Ridge Middle	Gr. 5-9	New School	23,900,000
C-15 West Springs/Cougar Ridge Middle	Gr. 5-9	New School	23,900,000
C-16 Panorama Hills Elementary ⁽²⁾	K-4	New School	13,000,000
Total			309,300,000

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

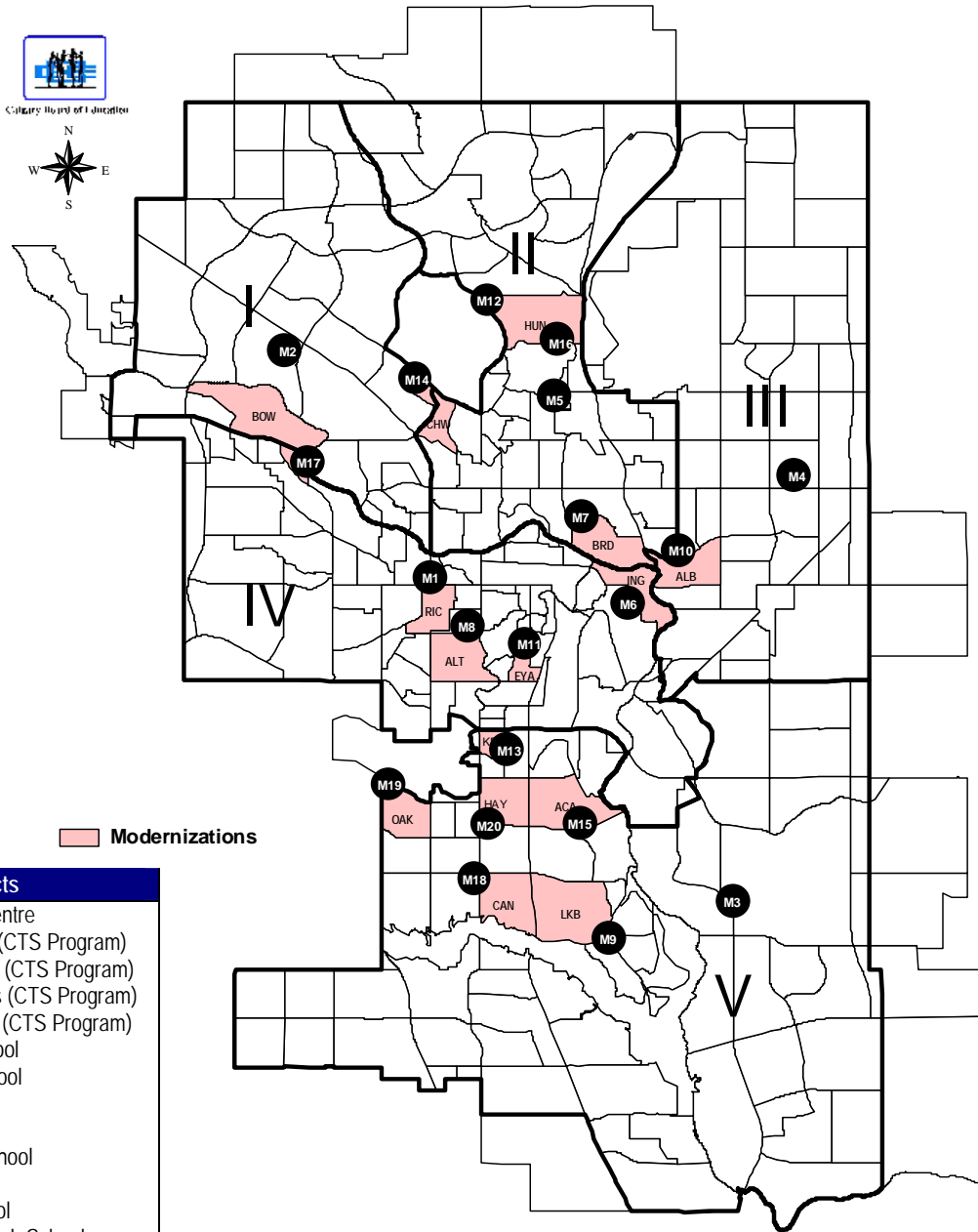
Table 2: School Major Modernizations			
Three-Year School Capital Plan 2012-2013 Priorities			
Community/School	Grade	Project Type	2011 Cost (\$)
M-1 Chinook Learning Services		Major Modernization	10,500,000
M-2 Area I High Schools (CTS Program)	Gr. 10-12	Major Modernization	24,250,000
M-3 Area V High Schools (CTS Program)	Gr. 10-12	Major Modernization	24,250,000
M-4 Area III High Schools (CTS Program)	Gr. 10-12	Major Modernization	24,250,000
M-5 Area II High Schools (CTS Program)	Gr. 10-12	Major Modernization	24,250,000
M-6 Piitoayis Family School	K-6	Major Modernization	12,500,000
M-7 Christine Meikle School	Gr. 7-12	Major Modernization	7,500,000
M-8 Altadore School	K-6	Major Modernization	9,000,000
M-9 Nickle School	Gr. 5-9	Major Modernization	11,000,000
M-10 Sir Wilfrid Laurier School	Gr. 5-9	Major Modernization	11,000,000
M-11 Elboya School	K-9	Major Modernization	10,000,000
M-12 Dr. J.K. Mulloy School	K-6	Major Modernization	6,000,000
M-13 Henry Wise Wood High School	Gr. 9-12	Major Modernization	23,000,000
M-14 Senator Patrick Burns School	Gr. 5-9	Major Modernization	11,000,000
M-15 A.E. Cross School	Gr. 7-9	Major Modernization	11,000,000
M-16 Sir John A. Macdonald	Gr. 7-9	Major Modernization	11,000,000
M-17 Thomas B. Riley School	Gr. 5-9	Major Modernization	11,000,000
M-18 Robert Warren School	Gr. 5-9	Major Modernization	4,000,000
M-19 Louis Riel School	K-9	Major Modernization	11,000,000
M-20 Woodman School	Gr. 5-9	Major Modernization	9,000,000
Total			265,500,000

2012-2015 - New School Construction Projects

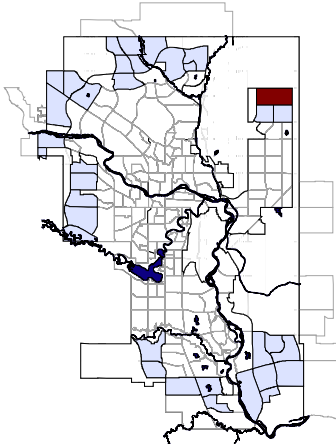


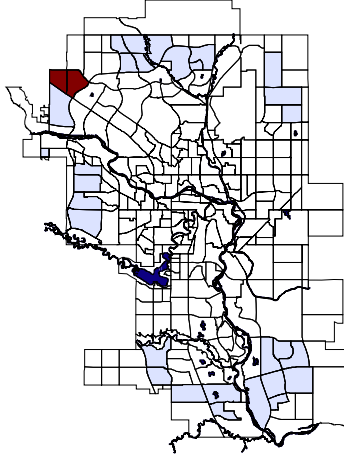
New School Construction	
C1	Saddle Ridge Middle
C2	Royal Oak/Rocky Ridge Middle
C3	Centennial High School Expansion
C4	Northeast Calgary High School
C5	Evanston Elementary
C6	New Brighton Elementary
C7	New Brighton/Copperfield Middle
C8	Evergreen Middle
C9	Tuscany Elementary ⁽²⁾
C10	Copperfield Elementary
C11	Springbank Hill Elementary
C12	Auburn Bay Elementary
C13	McKenzie Towne Middle
C14	Springbank Hill/Discovery Ridge Middle
C15	West Springs/Cougar Ridge Middle
C16	Panorama Hills Elementary ⁽²⁾

2012-2015 - Major Modernization Projects



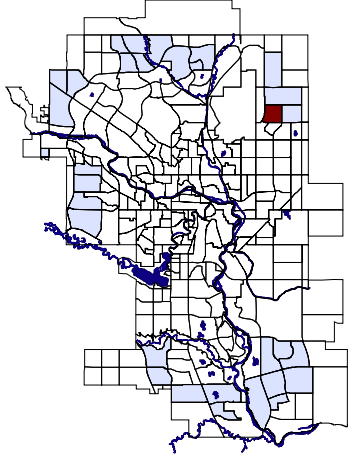
Major Modernization Projects	
M1	Chinook Learning Centre
M2	Area I High Schools (CTS Program)
M3	Area V High Schools (CTS Program)
M4	Area III High Schools (CTS Program)
M5	Area II High Schools (CTS Program)
M6	Piitoyis Family School
M7	Christine Meikle School
M8	Altadore School
M9	Nickle School
M10	Sir Wilfrid Laurier School
M11	Elboya School
M12	Dr. J.K. Mulloy School
M13	Henry Wise Wood High School
M14	Senator Patrick Burns School
M15	A.E. Cross School
M16	Sir John A. MacDonald School
M17	Thomas B. Riley School
M18	Robert Warren School
M19	Louis Riel School
M20	Woodman School

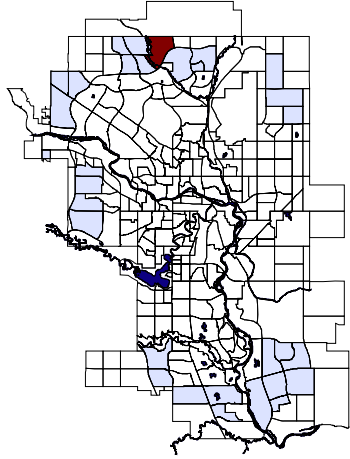
5.0	NEW SCHOOL CONSTRUCTION
Priority 1 - Saddle Ridge Middle School (C-1)	
School Community Profile	
<p>Saddle Ridge Community began development in 1960 and is situated in the Northeast sector of the City immediately west of 68 Street NE and north of the Martindale community.</p> <ul style="list-style-type: none"> • As of the April 2010 Census, the total number of occupied dwelling units in Saddle Ridge was 3,299 with a population of 12,961. • The Saddle Ridge community is planned for an estimated 7,900 housing units with a population capacity of 23,190 to 24,300. • The community had an average annual population growth of 1,177 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, 2010, there were 609 Kindergarten to Grade 4 and 481 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 32 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 \$23.9 million (January 2011 prices), including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance. 	

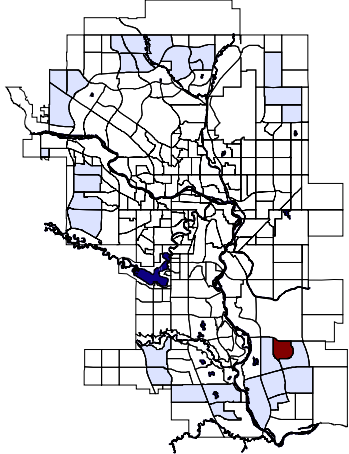
5.0	NEW SCHOOL CONSTRUCTION
Priority 2 - Royal Oak/Rocky Ridge Middle (C-2)	
School Community Profile	
<p>Royal Oak Community began development in 1996 and is situated in the northwest, north of Crowchild Trail NW and west of Stoney Trail NW.</p> <ul style="list-style-type: none"> As of the April 2010 Census, the total number of occupied dwelling units was 3,686 with a population of 10,718. 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 677 persons during the past three-year period and has completed approximately 96% 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 2010 Census, the total number of occupied dwelling units was 2,709 with a population of 7,093. 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 163 persons during the past three-year period and has completed approximately 86% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> As of September 30, 2010, there were 441 Kindergarten to Grade 4 students and 357 Grades 5-9 students residing in the Royal Oak community who attended CBE schools. As of September 30, 2010, there were 268 Kindergarten to Grade 4 students and 222 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 28 minutes. 	

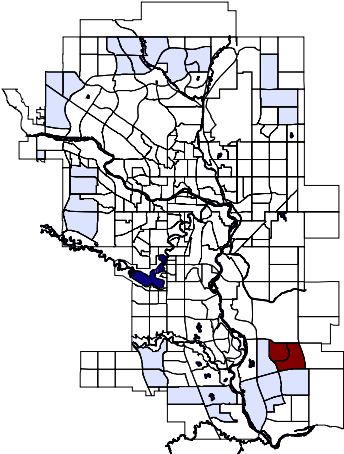
5.0	NEW SCHOOL CONSTRUCTION
	Priority 2 - Royal Oak/Rocky Ridge Middle (C-2)
	Recommendation
	<ul style="list-style-type: none">• Construct a middle school for 500 Grades 5-9 students complete with space to support a relocatable addition for 400 students in sixteen units. The capacity of the school will be 900 student spaces.• The total project cost is budgeted at \$23.9 million (January 2011 prices), including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance.

5.0	NEW SCHOOL CONSTRUCTION
Priority 3 - Centennial High School (C-3)	
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 <p>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.</p> <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 19,800 to 21,900 people. The southeast developing communities' five-year growth is expected to be 32,200 to 35,600 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 ten years of age), Alberta Infrastructure has not evaluated school's facilities through RECAPP, and determines a facility of this age as being in overall excellent condition. There are no evaluation recommendations at this time.</p>	
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 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 2,300 m² to the school at an estimated cost of \$5 million (January 2011 prices).</p>	

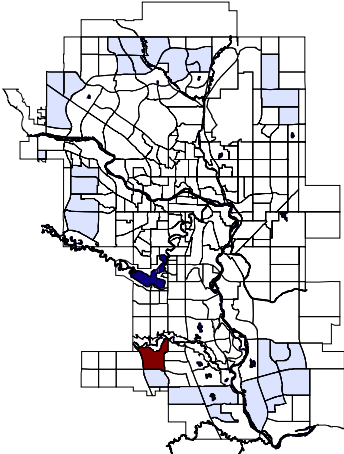
5.0	NEW SCHOOL CONSTRUCTION
Priority 4 - Northeast Calgary High School (C-4)	
School Community Profile	
<p>The Northeast High School will serve the residents of the developing and established communities north of McKnight Boulevard NE.</p> <ul style="list-style-type: none"> • Currently, the northeast 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 138% and a utilization rate by enrolment of 86%. • Lester B. Pearson has a provincial capacity of 1,715 student spaces and a utilization rate by enrolment of 93% 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 89%. A large number of students are in the Knowledge and Employability classes. • Forest Lawn has a utilization rate by enrolment of 79%. • Crescent Heights and James Fowler are located in Area II and accommodate additional demand for students from Area III. There are 1,258 students from the northeast communities of Castleridge, Coral Springs, Falconridge, Martindale, and Taradale that attend James Fowler High School. An additional 236 students from Saddle Ridge attend Crescent Heights High School. 	
Site Planning and Transportation	
<p>Several communities in the northeast are bussed to Area II schools.</p>	
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 \$46 million (January 2011 prices); including the CTS space allowance and an allowance for CTS equipment in the amount of \$1 million. 	

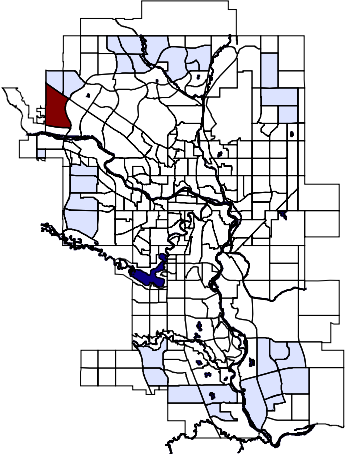
5.0	NEW SCHOOL CONSTRUCTION
Priority 5 - Evanston Elementary School (C-5)	
School Community Profile	
<p>Evanston Community began development in 2002 and is situated in the North sector of the City, north of Stoney Trail and east of Symons Valley Road.</p> <ul style="list-style-type: none"> As of the April 2010 Census, the total number of occupied dwelling units was 1,675 with a population of 5,183. The community is planned for an estimated 6,510 housing units with a population capacity of 17,570 to 18,400. The community has had an average annual population growth of 638 persons during the past three-year period and has completed approximately 26% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> As of the April 2010 Census, there were 509 public pre-school-aged children in Evanston. As of September 30, 2010, there were 210 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 \$13.0 million (January 2011 prices). 	

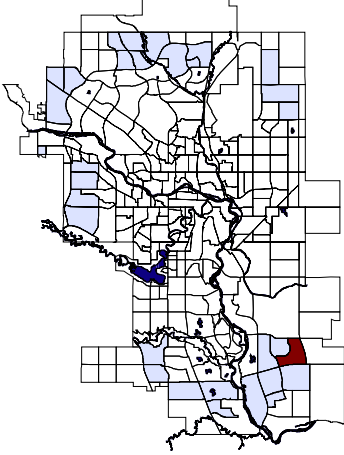
5.0	NEW SCHOOL CONSTRUCTION
Priority 6 - New Brighton Elementary School (C-6)	
School Community Profile	
<p>New Brighton Community began development in 2002 and is located in the Southeast sector of the City, immediately east of the McKenzie Towne community, south of 130 Avenue SE and north of McIvor Boulevard SE.</p> <ul style="list-style-type: none"> • As of the April 2010 Census, the total number of occupied dwelling units in New Brighton was 2,121 with a population of 6,078. • The community is planned for an estimated 4,490 housing units with a population capacity of 12,550 to 13,200. • The community had an average annual population growth of 1,133 persons during the past three-year period and has completed approximately 47% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> • As of the April 2010 Census, there were 566 public pre-school-aged children. • As of September 30, 2010, there were 234 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 \$13.0 million (January 2011 prices). 	

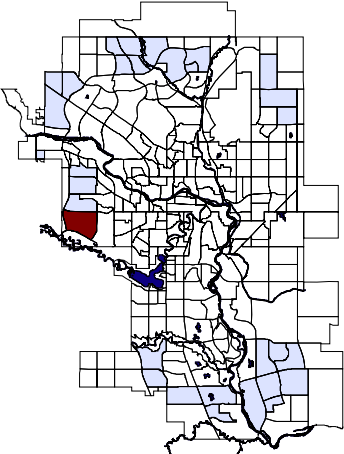
5.0	NEW SCHOOL CONSTRUCTION
Priority 7 - New Brighton/Copperfield Middle School (C-7)	
School Community Profile	
<p>New Brighton Community began development in 2002 and is situated in the southwest, north of McIvor Boulevard SE, south of 130 Avenue SE and east of 52 Street SE.</p> <ul style="list-style-type: none"> As of the April 2010 Census, the total number of occupied dwelling units was 2,121 with a population of 6,078. The community is planned for an estimated 4,490 housing units with a population capacity of 12,550 to 13,200. The community had an average annual population growth of 1,133 persons during the past three-year period and has completed approximately 47% 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 2010 Census, the total number of occupied dwelling units was 2,296 with a population of 6,428. The community is planned for an estimated 5,220 housing units with a population capacity of 13,090 to 13,700. The community had an average annual population growth of 909 persons during the past three-year period and has completed approximately 44% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> As of September 30, 2010, there were 234 Kindergarten to Grade 4 students and 163 Grades 5-9 students residing in the New Brighton community who attended CBE schools. As of September 30, 2010, there were 242 Kindergarten to Grade 4 students and 188 Grades 5-9 students residing in the Copperfield community who attended CBE schools. 	
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 Willow Park community. Median travel time to David Thompson and R.T. Alderman is 32 minutes. 	

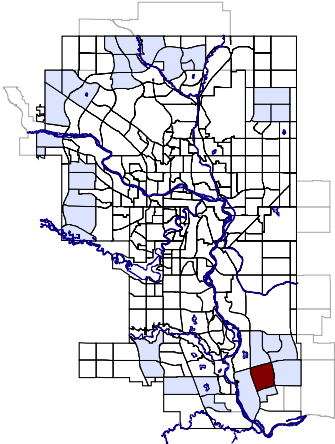
5.0	NEW SCHOOL CONSTRUCTION
	Priority 7 - New Brighton/Copperfield Middle School (C-7)
	Recommendation
	<ul style="list-style-type: none">• Construct a middle school for 500 Grades 5-9 students complete with space to support a relocatable addition for 400 students in sixteen units. The capacity of the school will be 900 student spaces.• The total project cost is budgeted at \$23.9 million (January 2011 prices), including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance.

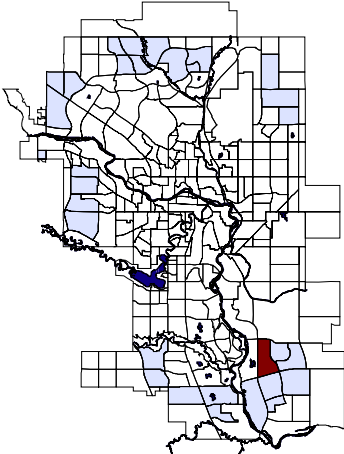
5.0	NEW SCHOOL CONSTRUCTION
Priority 8 - Evergreen Middle (C-8)	
School Community Profile	
<p>Evergreen Community began development in 1990 and is situated approximately 3 kilometres west of Macleod Trail South between 146 Avenue SW and 162 Avenue SW.</p> <ul style="list-style-type: none"> • As of the April 2010 Census, the total number of occupied dwelling units was 6,372 with a population of 18,692. • The community is planned for an estimated 7,490 housing units with a population capacity of 20,960 to 22,000. • The community had an average annual population growth of 1,348 persons during the past three-year period and has completed approximately 85% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> • As of September 30, 2010, there were 501 Kindergarten to Grade 4 and 536 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 \$23.9 million (January 2011 prices), including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance. 	

5.0	NEW SCHOOL CONSTRUCTION
Priority 9 - Tuscany Elementary School ⁽²⁾ (C-9)	
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 2010 Census, the total number of occupied dwelling units was 6,321 with a population of 18,601. • 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 827 persons during the past three-year period and has completed approximately 96% of its development. 	 <p>The map shows the Tuscany community in Calgary, Alberta, with a grid of streets and school boundaries. A red shaded area in the northwest corner indicates the location of the new elementary school. A blue shaded area in the south indicates the location of the existing elementary school. The map also shows major roads like Crowchild Trail and Stoney Trail.</p>
Enrolment Profile	
<ul style="list-style-type: none"> • As of the April 2010 Census, there were 1,765 public pre-school-aged children in Tuscany. • As of September 30, 2010, there were 1,010 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 in the south and has a capacity of 613 student spaces. The site in the north will accommodate long-term enrolment growth for elementary students. • The total project cost is budgeted at \$13.0 million (January 2011 prices). 	

5.0	NEW SCHOOL CONSTRUCTION
Priority 10 - Copperfield Elementary (C-10)	
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 2010 Census, the total number of occupied dwelling units in Copperfield was 2,296 with a population of 6,428. • The Copperfield community is planned for an estimated 5,220 housing units with a population capacity of 13,090 to 13,700. • The community had an average annual population growth of 909 persons during the past three-year period and has completed approximately 44% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> • As of the April 2010 Census, there were 643 public pre-school-aged children. • As of September 30, 2010, there were 242 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 \$13.0 million (January 2011 prices). 	

5.0	NEW SCHOOL CONSTRUCTION
Priority 11 – Springbank Hill Elementary School (C-11)	
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 2010 Census, the total number of occupied dwelling units in Springbank Hill was 2,815 with a population of 8,185. • The community is planned for an estimated 4,890 housing units with a population capacity of 13,650 to 14,300. • The community had an average annual population growth of 693 persons during the past three-year period and has completed approximately 58% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> • As of the April 2010 Census, there were 497 public pre-school-aged children. • As of September 30, 2010, there were 296 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, one middle site and one senior high site (future Ernest Manning High School under construction) in Springbank Hill. • 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 25 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 \$13.0 million (January 2011 prices). 	

5.0	NEW SCHOOL CONSTRUCTION
Priority 12 – Auburn Bay Elementary (C-12)	
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 2010 Census, the total number of occupied dwelling units in Auburn Bay was 1,403 with a population of 4,217. • The community is planned for an estimated 4,280 housing units with a population capacity of 18,040 to 18,900. • The community had an average annual population growth of 631 persons during the past three-year period and has completed approximately 21% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> • As of the April 2010 Census, there were 425 public preschool-aged children. • As of September 30, 2010, there were 174 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 \$13.0 million (January 2011 prices), including the construction of the new relocatable units. 	

5.0	NEW SCHOOL CONSTRUCTION
Priority 13 - McKenzie Towne Middle School (C-13)	
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 2010 Census, the total number of occupied dwelling units was 5,771 with a population of 14,702. • The community is planned for an estimated 7,210 housing units with a population capacity of 17,600 to 18,400. • The community had an average annual population growth of 966 persons during the past three-year period and has completed approximately 80% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> • As of September 30, 2010, there were 499 Kindergarten to Grade 4 and 387 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 \$23.9 million (January 2011 prices), including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance. 	

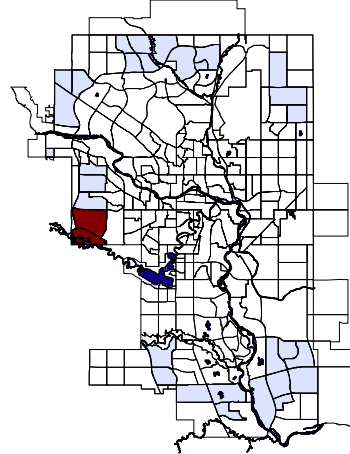
5.0 NEW SCHOOL CONSTRUCTION

Priority 14 - Springbank Hill/Discovery Ridge Middle (C-14)

School Community Profile

Springbank Hill Community began development in 1997 and is situated north of the Discovery Ridge community at Glenmore Trail SW., east of the City Limits, south of 17 Avenue SW., and west of 69 Street SW.

- As of the April 2010 Census, the total number of occupied dwelling units was 2,815 with a population of 8,185. The community is planned for an estimated 4,890 housing units with a population capacity of 13,650 to 14,300.
- The community had an average annual population growth of 693 persons during the past three-year period and has completed approximately 58% of its development.



Discovery Ridge Community began development in 2000 and is located in the West sector of the City, immediately east of the City Limits at 101 Street SW. and south of Glenmore Trail SW.

- As of the April 2010 Census, the total number of occupied dwelling units was 1,613 with a population of 4,333. The community is planned for an estimated 1,860 housing units with a population capacity of 5,500.
- The community had an average annual population growth of 176 persons during the past three-year period and has completed approximately 87% of its development.

Enrolment Profile

- As of September 30, 2010, there were 296 Kindergarten to Grade 4 students and 217 Grades 5-9 students residing in the Springbank Hill community who attended CBE schools.
- As of September 30, 2010, there were 205 Kindergarten to Grade 4 students and 133 Grades 5-9 students residing in the Discovery Ridge community who attended CBE schools.

5.0	NEW SCHOOL CONSTRUCTION
Priority 14 - Springbank Hill/Discovery Ridge Middle (C-14)	
Site Planning and Transportation	
<ul style="list-style-type: none">• There is one elementary site and one middle site in Springbank Hill. There is one elementary site in Discovery Ridge. The two communities can only support one middle school.• Springbank Hill Grades 7-9 students are bussed to A.E. Cross School located in the Glenbrook community in Area IV. Discovery Ridge Grades 7-9 students are bussed to Bishop Pinkham School located in the Lakeview community in Area IV. Median travel time for both Springbank Hill and Discovery Ridge is 27 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 \$23.9 million (January 2011 prices), including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance.	

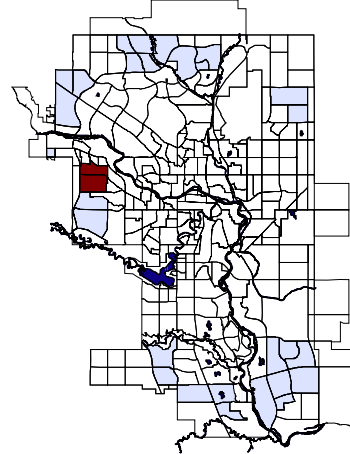
5.0 NEW SCHOOL CONSTRUCTION

Priority 15 - West Springs/Cougar Ridge Middle School (C-15)

School Community Profile

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

- As of the April 2010 Census, the total number of occupied dwelling units was 2,354 with a population of 7,204. The community is planned for an estimated 4,700 housing units with a population capacity of 13,080 to 13,700.
- The community had an average annual population growth of 486 persons during the past three-year period and has completed approximately 50% of its development.



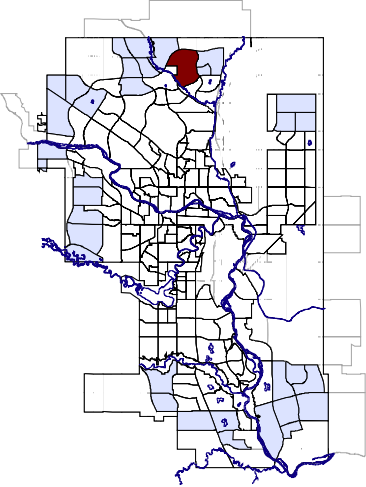
Cougar Ridge Community began development in 2000 and is located in the West sector of the City, north of the Old Banff Coach Road, west of 69 Street SW, south of Canada Olympic Park and east of the City Limits.

- As of the April 2010 Census, the total number of occupied dwelling units was 1,860 with a population of 5,656. 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 230 persons during the past three-year period and has completed approximately 70% of its development.

Enrolment Profile

- As of September 30, 2010, there were 301 Kindergarten to Grade 4 students and 187 Grades 5-9 students residing in the West Springs community who attended CBE schools.
- As of September 30, 2010, there were 199 Kindergarten to Grade 4 students and 134 Grades 5-9 students residing in the Cougar Ridge community who attended CBE schools.

5.0	NEW SCHOOL CONSTRUCTION
Priority 15 - West Springs/Cougar Ridge Middle School (C-15)	
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 for West Springs' students and Cougar Ridge's students is 19 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 \$23.9 million (January 2011 prices), including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance.	

5.0	NEW SCHOOL CONSTRUCTION
Priority 16 - Panorama Hills Elementary ⁽²⁾ (C-16)	
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 2010 Census, the total number of occupied dwelling units in Panorama Hills was 5,620 with a population of 17,899. • The community is planned for an estimated 8,370 housing units with a population capacity of 24,310 to 25,500. • The community had an average annual population growth of 2,001 persons during the past three-year period and has completed approximately 67% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> • As of the April 2010 Census, there were 1,200 public pre-school-aged children. • As of September 30, 2010, there were 799 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 \$13.0 million (January 2011 prices). 	

6.0 SCHOOL MAJOR MODERNIZATIONS

Priority 1 - Chinook Learning Services (M-1)

Mandate for Chinook Learning Services

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

High School Upgrading

- Largest high school upgrading centre in Alberta.
- Plays a key role in addressing high school completion.
- Serves more than 9,000 high school upgrading students annually. Two-thirds are school-aged (19 years of age and younger) and supported by Alberta Education CEUs (credit enrolment units); one-third are 20 years and older and pay tuition.
- A large proportion of students plan to, and a few already do, attend post-secondary institutions.

Adult ESL

- About 425 adult English-as-a-Second Language students are funded by Alberta Immigration and Employment (AEI) and another 360 are funded by Citizenship and Immigration Canada (CIC).
- Students come from across the City and would benefit from a central location that is well-served by public transit.

Non-Credit Continuing Education

Continuing Education administration would be located at the replacement school but most of the estimated 12,000 annual clients will continue to be served at approximately 25 locations across the City.

6.0	SCHOOL MAJOR MODERNIZATIONS
Priority 1 - Chinook Learning Services (M-1)	
Current Status	
<p>Over the past several years, 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 a proposed Urban Campus initiative in the East Village of downtown Calgary. The Urban Campus was a proposed P3 project led by the University of Calgary and included: Athabasca University, Bow Valley College, the Chinook Learning Services, the University of Lethbridge, and SAIT Polytechnic.</p> <p>On October 14, 2008, Alberta Education advised that the Minister of Advanced Education and Technology approved financial support for the expansion of SAIT and Bow Valley College and the lease of space for the University of Calgary in downtown Calgary. As a result of this approach to increasing access to the post-secondary institutions, government support for the Urban Campus Learning Village would not be forthcoming.</p>	
Recommended Modernization	
<p>Chinook Learning Services needs to vacate its main campus at Viscount Bennett Centre as the 57-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>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 students.</p> <p>Following the October 2008 announcement, the CBE has evaluated a range of options for meeting the needs of Chinook Learning Services. Chinook Learning Services requires 12,080 m² and options are being investigated by the CBE to renovate existing school buildings for their accommodation. The estimated cost of renovations is \$10.5 million.</p>	

6.0	SCHOOL MAJOR MODERNIZATIONS
	Priority 2 – Area I High Schools – CTS Program (M-2)
	Priority 3 – Area V High Schools – CTS Program (M-3)
	Priority 4 – Area III High Schools – CTS Program (M-4)
	Priority 5 – Area II High Schools – CTS Program (M-5)
	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 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.</p> <p>Career development requires students to develop enthusiasm for lifelong learning that carries them beyond learning in school. Ultimately, students make their links between school, career development and post-secondary options. Creating personalized pathways in CTS allows students the opportunity to expand their career goals and interests and make connections among CTS courses and other subjects.</p> <p>The Career and Technology Centres will combine hands-on learning with personalized education, where classroom theory can be implemented into projects selected by students.</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 \$24.25 million (January 2011 prices).</p>

6.0	SCHOOL MAJOR MODERNIZATIONS
Priority 6 - Piitoayis Family School (M-6)	
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>Open to all students who want an Aboriginal-based education, the Piitoayis Family School offers Blackfoot and Cree languages, as well as cultural classes such as drumming, singing, and dancing.</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 modernizing an existing school with an addition as a replacement school to accommodate the Aboriginal program would be \$12.5 million (January 2011 prices). A more detailed estimate can be provided once a final school has been determined.</p>	

6.0	SCHOOL MAJOR MODERNIZATIONS
Priority 7 - Christine Meikle School (M-7)	
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>	
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	SCHOOL MAJOR MODERNIZATIONS
	Priority 7- Christine Meikle School (M-7)
	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 school modernization at an existing school would be in the range of \$7.5 million (January 2011 prices). An estimated cost of a new school would be \$14 million.</p>

6.0	SCHOOL MAJOR MODERNIZATIONS
Priority 8 – Altadore School (M-8)	
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.</p> <ul style="list-style-type: none"> • Regular Program Altadore School currently accommodates the Regular program for Kindergarten to Grade 6 students living in Altadore which includes Garrison Woods. <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 redevelopment has resulted in an increased number of families with children moving into the Altadore community. 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>	
Modernization	
<p>In 2010, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendation: mechanical systems require upgrading (hot water tanks, boiler, ventilators, etc.).</p> <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 (January 2011 prices).</p>	

6.0	SCHOOL MAJOR MODERNIZATIONS
Priority 9 – Nickle School (M-9)	
Current and Future Student Accommodation Plan	
<p>Nickle School is located in southeast Calgary in the community of Lake Bonavista, which is an established community.</p> <ul style="list-style-type: none"> • Regular Program Nickle School currently accommodates the Regular program for Grades 5-9 students living in Bonavista Downs and Lake Bonavista and students from the communities of Auburn Bay and Cranston. • System Classes Nickle School currently accommodates Bridges and Learning and Literacy classes. <p>The long-term student accommodation plan for Nickle School is to accommodate students from their home area and students residing in new and developing communities in Area V. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that enrolment will be at or near capacity.</p>	
Facility Description	
<p>The original school building was completed in 1970 with masonry and steel construction. The two additions were built in 1976 and 1985.</p> <p>The total area of the building is 6,951 m² consisting of 26 classrooms plus three portables for instruction. The classrooms range in size and have minimum access to natural light. The mechanical and electrical systems have exceeded their lifecycle expectancy and need upgrading or replacement.</p> <p>In 2007, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations:</p> <ul style="list-style-type: none"> • Replace parts of roof that have not already been replaced • Replace damaged caulking around perimeter • Incorporate barrier-free items where applicable (i.e., automatic door openers) • Mechanical features need upgrading (i.e., hot water tanks, exhaust fans, sprinklers) • Upgrade various electrical various components, i.e., lights, exit signs, etc. 	
Modernization	
<p>A scope for modernization improvements is required due to the age and condition of the building components. The modernization would replace some of mechanical systems and damaged lockers, upgrade electrical system, finishes and millwork, reconfigure internal spaces, and renovate washrooms. The addition of 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 \$11 million (January 2011 prices).</p>	

6.0	SCHOOL MAJOR MODERNIZATIONS
Priority 10 - Sir Wilfrid Laurier School (M-10)	
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 from their home area and the Traditional Learning Centre alternative program for Area III students. 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	SCHOOL MAJOR MODERNIZATIONS
	Priority 10 - Sir Wilfrid Laurier School (M-10)
	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 (January 2011 prices).</p>

6.0	SCHOOL MAJOR MODERNIZATIONS
Priority 11 – Elboya School (M-11)	
Current and Future Student Accommodation Plan	
<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 – Kindergarten to Grade 6 Currently, Elboya School accommodates the Kindergarten to Grade 6 Regular program for students living in Bel-Aire, Britannia, Elboya, Manchester, Mayfair, Meadowlark Park, and Windsor Park. • Regular Program – Grades 7-9 Elboya School accommodates the Grades 7-9 Regular program for students living in the communities of Bel-Aire, Britannia, Elboya, Manchester, Mayfair, Meadowlark Park, and Windsor Park. • French Immersion Elboya School accommodates the Grades 5-9 French Immersion program for Area IV students living south of the Bow River, east of Crowchild Trail, and north of the Glenmore Reservoir, excluding the communities of North Glenmore Park, Ogden, Richmond/Knob Hill, Riverbend, Scarboro, and Sunalta. • GATE Elboya School accommodates Gifted and Talented Education (GATE) for elementary and junior high students residing in Area IV. Area IV serves southeast and southwest Calgary and contains approximately 55 communities including several new and developing communities. <p>The long-term student accommodation plan for Elboya School is to continue to accommodate a K-9 Regular program, a Grades 5-9 French Immersion program and system GATE classes for all Area IV students. 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 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>	

6.0	SCHOOL MAJOR MODERNIZATIONS
Priority 11 – Elboya School (M-11)	
Facility Description	
<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>	
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 2011 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 \$20 million (January 2011 prices).</p>	

6.0	SCHOOL MAJOR MODERNIZATIONS
Priority 12 - Dr. J. K. Mulloy School (M-12)	
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 <p>Dr. J.K. Mulloy School currently accommodates the TLC alternative program for Kindergarten to Grade 4 students. Dr. J.K. Mulloy School also accommodates Grades 5-6 students residing in the new and developing community of Panorama Hills.</p> <p>The long-term student accommodation plan for Dr. J.K. Mulloy School is to accommodate students in the 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	SCHOOL MAJOR MODERNIZATIONS
	Priority 12 - Dr. J. K. Mulloy School (M-12)
	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 \$6 million (January 2011 prices).</p>

6.0	SCHOOL MAJOR MODERNIZATIONS
Priority 13 - Henry Wise Wood High School (M-13)	
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 High School currently accommodates the International Baccalaureate (IB) for senior high 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	SCHOOL MAJOR MODERNIZATIONS
Priority 13 - Henry Wise Wood High School (M-13)	
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 \$23 million (January 2011 prices).</p>	

6.0	SCHOOL MAJOR MODERNIZATIONS
Priority 14 – Senator Patrick Burns School (M-14)	
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 Spanish Bilingual students residing in Areas I, II, and III. Senator Patrick Burns School will continue to accommodate Regular program students and the National Sport Academy. 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	SCHOOL MAJOR MODERNIZATIONS
	Priority 14 – Senator Patrick Burns School (M-14)
	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 \$11 million (January 2011 prices).</p>

6.0	SCHOOL MAJOR MODERNIZATIONS
Priority 15 - A.E. Cross School (M-15)	
Current and Future Student Accommodation Plan	
<p>A.E. Cross School is located in southwest Calgary in the community of Glenbrook, which is an established community.</p> <ul style="list-style-type: none"> • Regular Program A.E. Cross School currently accommodates the Regular program for Grades 7-9 students living in Glenbrook, Glamorgan, Killarney, Glengarry, Lincoln Park, Richmond, CFB Lincoln Park/Garrison Green, and Rutland Park. Students residing in Signal Hill and Springbank Hill are also currently designated to A.E. Cross School for Grades 7-9. • System Classes A.E. Cross School accommodates Paced Learning and Learning and Literacy classes for Area IV students. <p>The long-term student accommodation plan for A.E. Cross School is to accommodate students from their home area and to continue to accommodate students residing in new and developing communities in southwest Calgary. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that enrolment will be at or near capacity.</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	SCHOOL MAJOR MODERNIZATIONS
Priority 15 - A.E. Cross School (M-15)	
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 \$11 million (January 2011 prices).</p>	

6.0	SCHOOL MAJOR MODERNIZATIONS
Priority 16 - Sir John A. Macdonald School (M-16)	
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 the Regular program for Grades 7-9 students living in Greenview (north of McKnight Boulevard), Huntington Hills and Thorncliffe, and students from Panorama Hills. • System Classes Sir John A. Macdonald School accommodates Paced Learning classes and Learning and Literacy. <p>The long-term student accommodation plan for Sir John A. Macdonald School is to accommodate students from their home area. 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> <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.) • Electrical systems require upgrading (switchboard, motor starters, emergency battery packs, etc.). 	

6.0	SCHOOL MAJOR MODERNIZATIONS
	Priority 16 - Sir John A. Macdonald School (M-16)
	Modernization
	<p>The modernization will include upgrading building systems, mechanical and electrical equipment. The scope will include replacement of all worn finishes and fixtures (i.e., flooring, paint, and lockers); windows, doors, and hardware will be replaced and washrooms upgraded. The modernization will include select program space renovation, hazardous material abatement, building code and handicap accessibility upgrades, and site improvements (parking lot and landscape upgrades). The proposed project will modernize the whole facility and enhance the teaching environment. The total project cost is estimated to be \$11 million (January 2011 prices).</p>

6.0	SCHOOL MAJOR MODERNIZATIONS
Priority 17 – Thomas B. Riley School (M-17)	
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. The evaluation made the following recommendations: interior spaces to be upgraded; mechanical and electrical systems are aging and require considerable revision; lighting systems are obsolete and require replacement to maintain required lighting levels.</p>	

6.0	SCHOOL MAJOR MODERNIZATIONS
Priority 17 – Thomas B. Riley School (M-17)	
Facility Description	
<p>Many of the components of the facility were noted as needing typical lifecycle upgrades. 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>This school requires upgrades in certain rooms, such as the science rooms, foods room, and drama room. Millwork, fixtures, and blinds should be replaced. Carpet should be replaced in areas like the library and main office. All of the lockers in the school should be replaced with two-tier lockers. New front doors with less glazing would prevent ongoing breakage from vandalism. Ceiling acoustic tiles in certain areas are surface mounted and are falling down, requiring a retrofit. Electrical systems should be upgraded, as well as lighting in various parts of the building. Mechanical systems including plumbing need upgrades or replacement. The cost estimate for this modernization is \$11 million (January 2011 prices).</p>	

6.0	SCHOOL MAJOR MODERNIZATIONS
Priority 18 – Robert Warren School (M-18)	
Current and Future Student Accommodation Plan	
<p>Robert Warren School is located in southwest Calgary in the community of Canyon Meadows, which is an established community.</p> <ul style="list-style-type: none"> • Regular Program Robert Warren School currently accommodates the Regular program for Grades 7-9 students living in Canyon Meadows. • Spanish Bilingual Program Robert Warren School currently accommodates Grades 5-9 students for the Spanish Bilingual alternative program for students residing in Area V. <p>The long-term student accommodation plan for Robert Warren School is to accommodate Spanish Bilingual students residing 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 one-storey building was completed in 1974 with masonry and steel construction. The addition was built in 1991 with barrier-free access. The building was partially renovated in 1999. As of October 2008, four new relocatable units were located on the school site, replacing the previous five outdated units. The total area of the building is 4,711 m² consisting of 20 classrooms (including the four new relocatables) for instruction. The classrooms are smaller than the current standard and internal ones do not have access to natural light. The layout of the main office creates security concerns.</p> <p>In 2007, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations:</p> <ul style="list-style-type: none"> • Replace caulking of exterior of building • Incorporate barrier-free items where applicable (i.e., automatic door openers) • Upgrading pneumatic controls and extend sprinkler system • Upgrade electrical components (i.e., exit signs and sub-distribution panels). 	
Modernization	
<p>The school’s modernization strategy was divided into two phases, with the first phase being completed in 2009 for a total cost of \$1.4 million. The first phase addressed the removal of five obsolete portables, replacing them with four new relocatable units. This construction included a connecting corridor, complete with lockers and a barrier-free ramp-way into the new units. The administration area was improved, the library was expanded, and school safety modifications were additionally incorporated.</p>	

6.0	SCHOOL MAJOR MODERNIZATIONS
	Priority 18 – Robert Warren School (M-18)
	Modernization
	<p>When the remaining funds become available, Phase II of the modernization will complete the rest of the overall upgrading of the school and its aging systems. Work will include a full upgrade of the electrical and mechanical systems (heating and cooling systems, electrical systems, all lighting and emergency lighting). All finishes (flooring, ceilings, and painting) will be upgraded or replaced. Envelope upgrades to include roof and door repair and upgrades. Washroom and change room upgrades and locker replacement are also part of the modernization. The project costs of Phase II are projected at \$4 million (January 2011 prices).</p>

6.0	SCHOOL MAJOR MODERNIZATIONS
Priority 19 – Louis Riel School (M-19)	
Current and Future Student Accommodation Plan	
<p>Louis Riel School is located in southeast Calgary in the community of Oakridge, which is an established community.</p> <ul style="list-style-type: none"> • Regular Program Louis Riel School currently accommodates the Regular program for Kindergarten to Grade 9 students living in Oakridge and Grades 7-9 students residing in Cedarbrae. Louis Riel School is also the designated school for Tsuu T’ina Nation students. • Science Program Louis Riel School accommodates the Science alternative program for students residing in Area V. The Science program will continue to expand by a grade each year until 2012 when it will accommodate Kindergarten to Grade 9 students. • System Classes Louis Riel School accommodates Learning and Literacy classes. <p>The long-term student accommodation plan for Louis Riel School is to accommodate students from Oakridge, Tsuu T’ina Nation, and Cedarbrae and the Science alternative program for students residing 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 building was constructed in 1971 with masonry and steel construction. The additions were built in 1976 and 1993. Portables were added in 1979.</p> <p>The total area of the building is 7,931 m² consisting of 29 classrooms for instruction. The classrooms are smaller than the current standard with minimal natural light. Many areas have limited vision of exit and emergency lights due to the design of the open classroom concept. 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"> • Interior and exterior spaces need upgrading (barrier-free accessibility items, stucco, etc.) • Roof replacement in some areas • Mechanical systems in require upgrading (replace furnaces, cooling system, etc.) • Electrical systems require upgrading (exit lights, fixtures, emergency lighting, etc.). 	

6.0	SCHOOL MAJOR MODERNIZATIONS
Priority 19 – Louis Riel School (M-19)	
Facility Description	
<p>As noted in the evaluation the school building requires barrier-free renovations. Since the evaluation, a preservation project was undertaken in 2006-2007. This upgraded fixtures, heating coils, gym curtain, fire, and electrical panel. A modernization project was undertaken in 2007-2008 which provided two classrooms in the library, upgraded the administration area, enclosed two open classrooms, and upgraded the science and preparation rooms.</p>	
Modernization	
<p>The proposed modernization will upgrade building infrastructure and improve its functionality. The modernization includes both mechanical and electrical work. Additionally, the finishes (flooring, ceilings) will be replaced, and all walls painted. Exterior walls need some repair work (patch stucco and replace a few doors). Renovation work is required to improve functionality. The total project cost is estimated to be \$11 million (January 2011 prices).</p>	

6.0	SCHOOL MAJOR MODERNIZATIONS
Priority 20 - Woodman School (M-20)	
Current and Future Student Accommodation Plan	
<p>Woodman School is located in southwest Calgary in the community of Haysboro, which is an established community.</p> <ul style="list-style-type: none"> • Regular Program Woodman School currently accommodates the Regular program for Grades 7-9 students living in Chinook Park, Eagle Ridge, and Kingsland, as well as students from Woodlands, Woodbine, and Walden. Woodman School also accommodates Grades 5-9 students from Evergreen. <p>The long-term student accommodation plan for Woodman School is to accommodate students from their home area, Woodlands, Woodbine, and Evergreen. 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 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	SCHOOL MAJOR MODERNIZATIONS
	Priority 20 - Woodman School (M-20)
	Modernization
	<p>The modernization will include replacement and upgrading of all building systems, and mechanical equipment. All worn finishes and fixtures (e.g., flooring, ceilings, paint, and millwork) will be replaced, and washrooms upgraded. The modernization would include select program space renovation, hazardous material abatement, building code, and handicap accessibility upgrades. The proposed project will modernize the whole facility and enhance the teaching environment. The total project cost is estimated to be \$9 million (January 2011 prices).</p>

Capacity and Utilization

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

Table 1: Capacity for Elementary/Junior High by Residence (%)

Elementary/Junior High Students by Residence 2010-2011				
Area	Sector	Senior High Students	Senior High Capacity	% Utilization
AREA I	Sector 1	5,178	6,985	74.13%
	Sector 2	7,680	8,127	94.50%
TOTAL		12,858	15,112	85.08%
AREA II	Sector 3	3,796	13,040	29.11%
	Sector 4	9,382	7,126	131.66%
TOTAL		13,178	20,166	65.35%
AREA III	Sector 5	17,604	20,080	87.67%
TOTAL		17,604	20,080	87.67%
AREA IV	Sector 6	6,469	9,059	71.41%
	Sector 7	4,290	6,808	63.01%
TOTAL		10,759	15,867	67.81%
AREA V	Sector 8	7,335	16,696	43.93%
	Sector 9	11,443	9,036	126.64%
TOTAL		18,778	25,732	72.98%
GRAND TOTAL		73,177	96,957	75.47%

Notes:

- Student numbers are based on ArcView data as at September 30, 2010 (K@FTE to Grade 9).
- Capacity as per Alberta Infrastructure's ACU Report dated July 20, 2010, assuming exemptions.
- Under -utilized and over-utilized are shown on Map 7.

**% Capacity by Elementary/Junior High Residence
Showing Both Areas and Sectors**

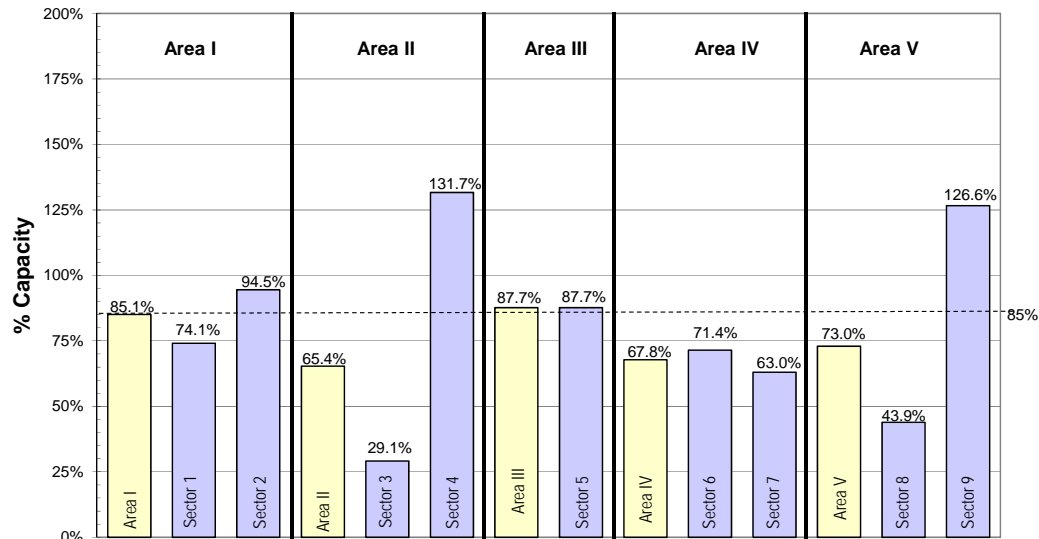


Table 2: Capacity by Residence Senior High (%)

Senior High Students by Residence 2010-2011				
Area	Sector	Senior High Students	Senior High Capacity	% Utilization
AREA I	Sector 1	2,023	1,525	132.66%
	Sector 2	3,395	2,015	168.49%
Total		5,418	3,540	153.05%
AREA II	Sector 3	1,503	6,619	22.71%
	Sector 4	3,159	1,300	243.00%
Total		4,662	7,919	58.87%
AREA III	Sector 5	6,629	4,816	137.65%
Total		6,629	4,816	137.65%
AREA IV	Sector 6	2,719	1,743	156.00%
	Sector 7	2,224	4,145	53.66%
Total		4,943	5,888	83.95%
AREA V	Sector 8	3,542	6,278	56.42%
	Sector 9	4,146	1,807	229.44%
Total		7,688	8,085	95.09%
Grand Total		29,340	30,248	97.00%

Notes:

- Student numbers are based on ArcView data as at September 30, 2010
- Capacity as per Alberta Infrastructure's ACU Report dated July 20, 2010, assuming exemptions.
- Under-utilized and over-utilized are shown on Map 8.

Senior High Area Utilization Rates by Residence

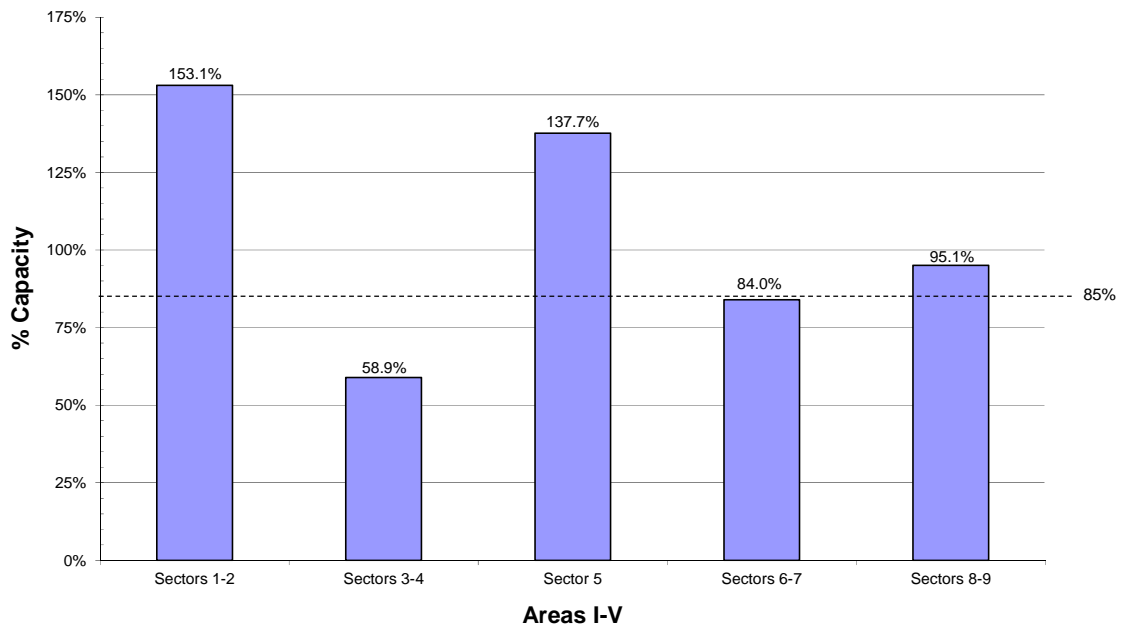


Table 3: % Capacity for Elementary/Junior High by Enrolment

Elementary/Junior High Students by Enrolment 2010-2011				
Area	Sector	Elementary/ Junior Students	Elementary/ Junior Capacity	Utilization
AREA I	Sector 1	4,473	6,985	64.04%
	Sector 2	7,125	8,127	87.67%
Total		11,598	15,112	76.75%
AREA II	Sector 3	9,465	13,040	72.58%
	Sector 4	6,070	7,126	85.18%
Total		15,535	20,166	77.04%
AREA III	Sector 5	15,893	20,080	79.15%
Total		15,893	20,080	79.15%
AREA IV	Sector 6	6,273	9,059	69.25%
	Sector 7	4,379	6,808	64.32%
Total		10,652	15,867	67.13%
AREA V	Sector 8	11,690	16,696	70.02%
	Sector 9	7,011	9,036	77.59%
Total		18,701	25,732	72.68%
Grand Total		72,379	96,957	74.65%

Notes:

- Student numbers are based on ArcView data as at September 30, 2010 (K@FTE to Grade 9).
- Capacity as per Alberta Infrastructure's ACU Report dated July 20, 2010, assuming exemptions.

**% Capacity by Elementary/Junior High Enrolment
Showing Both Areas and Sectors**

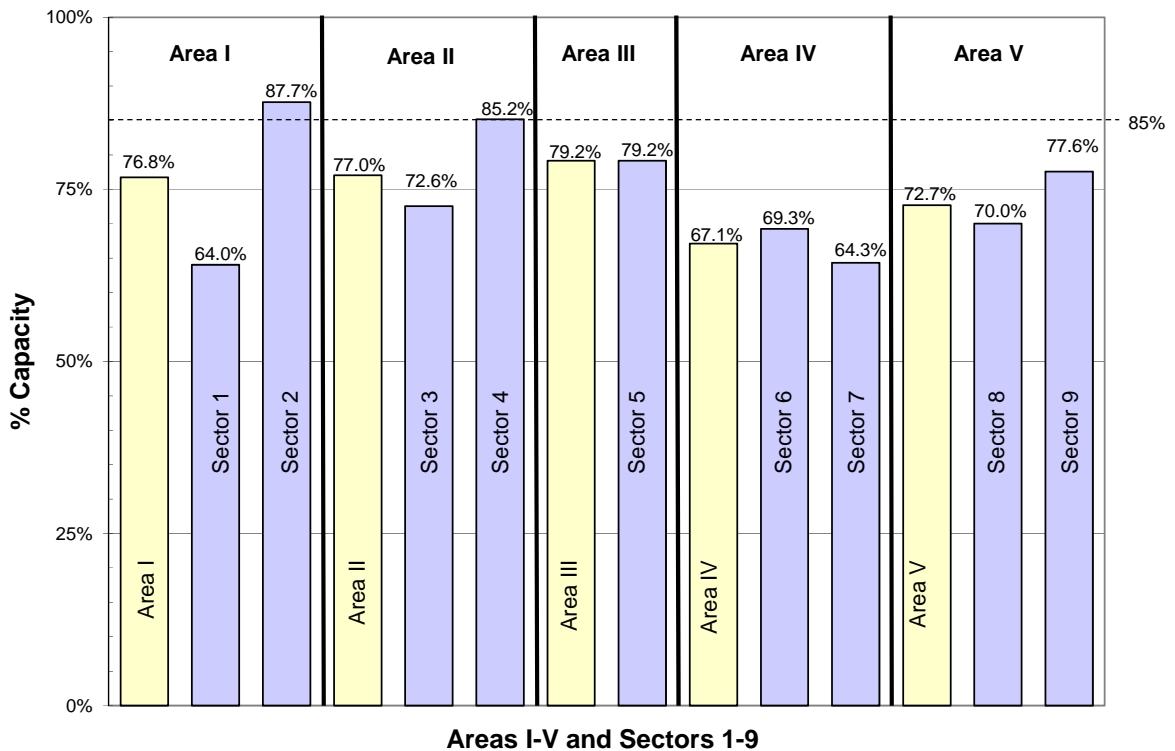


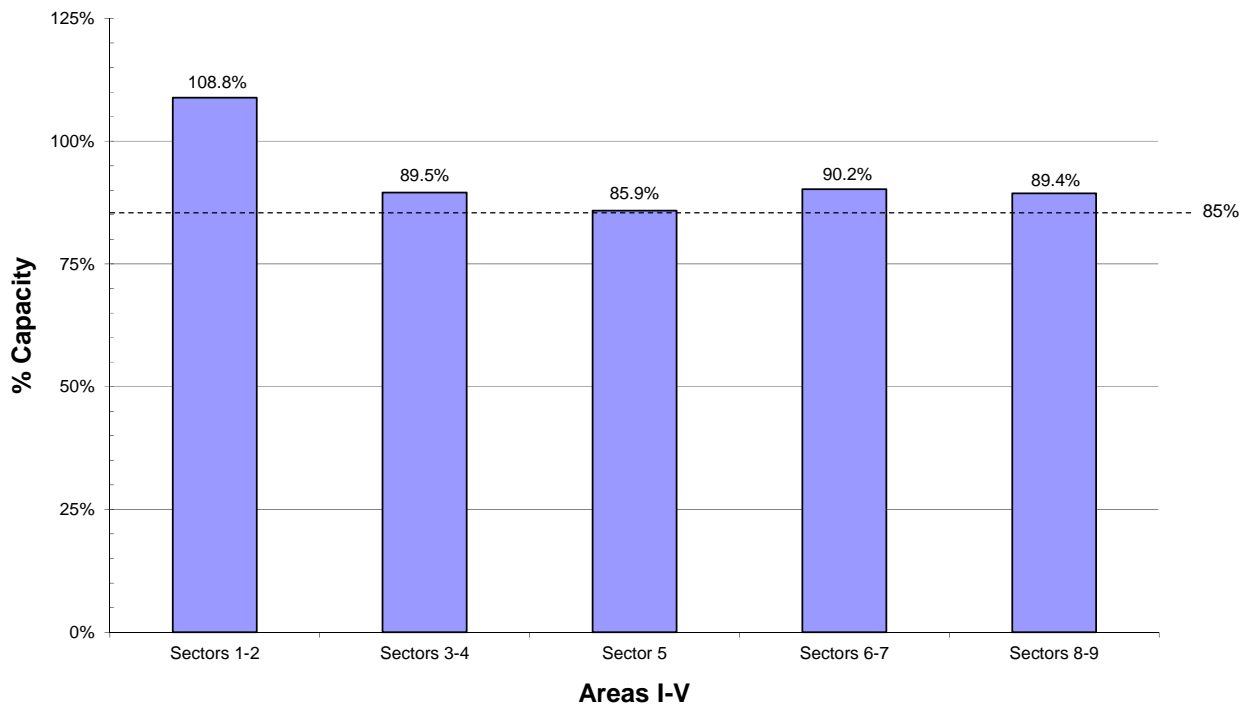
Table 4: % Capacity by Enrolment – Senior High

Senior High Students by Enrolment 2010-2011				
Area	Sector	Senior High Students	Senior High Capacity	% Utilization
AREA I	Sector 1	1,747	1,525	114.56%
	Sector 2	2,106	2,015	104.52%
Total		3,853	3,540	108.84%
AREA II	Sector 3	5,594	6,619	84.51%
	Sector 4	1,497	1,300	115.15%
Total		7,091	7,919	89.54%
AREA III	Sector 5	4,135	4,816	85.86%
Total		4,135	4,816	85.86%
AREA IV	Sector 6	1,152	1,743	66.09%
	Sector 7	4,159	4,145	100.34%
Total		5,311	5,888	90.20%
AREA V	Sector 8	5,370	6,278	85.54%
	Sector 9	1,856	1,807	102.71%
Total		7,226	8,085	89.38%
TOTAL		27,616	30,248	91.30%

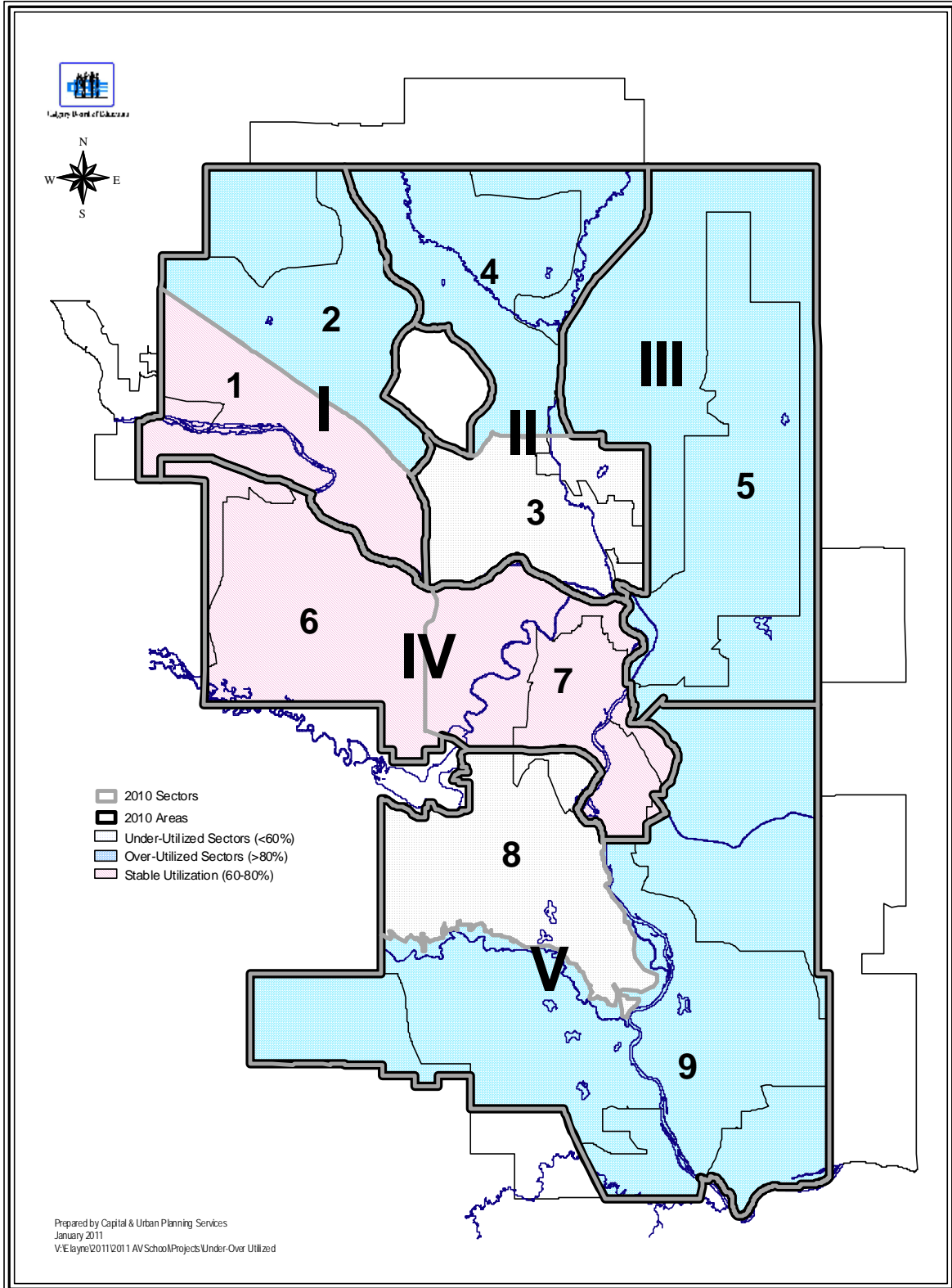
Notes:

- Student numbers are based on ArcView data as at September 30, 2010
- Capacity as per Alberta Infrastructure's ACU Report dated July 20, 2010, assuming exemptions.

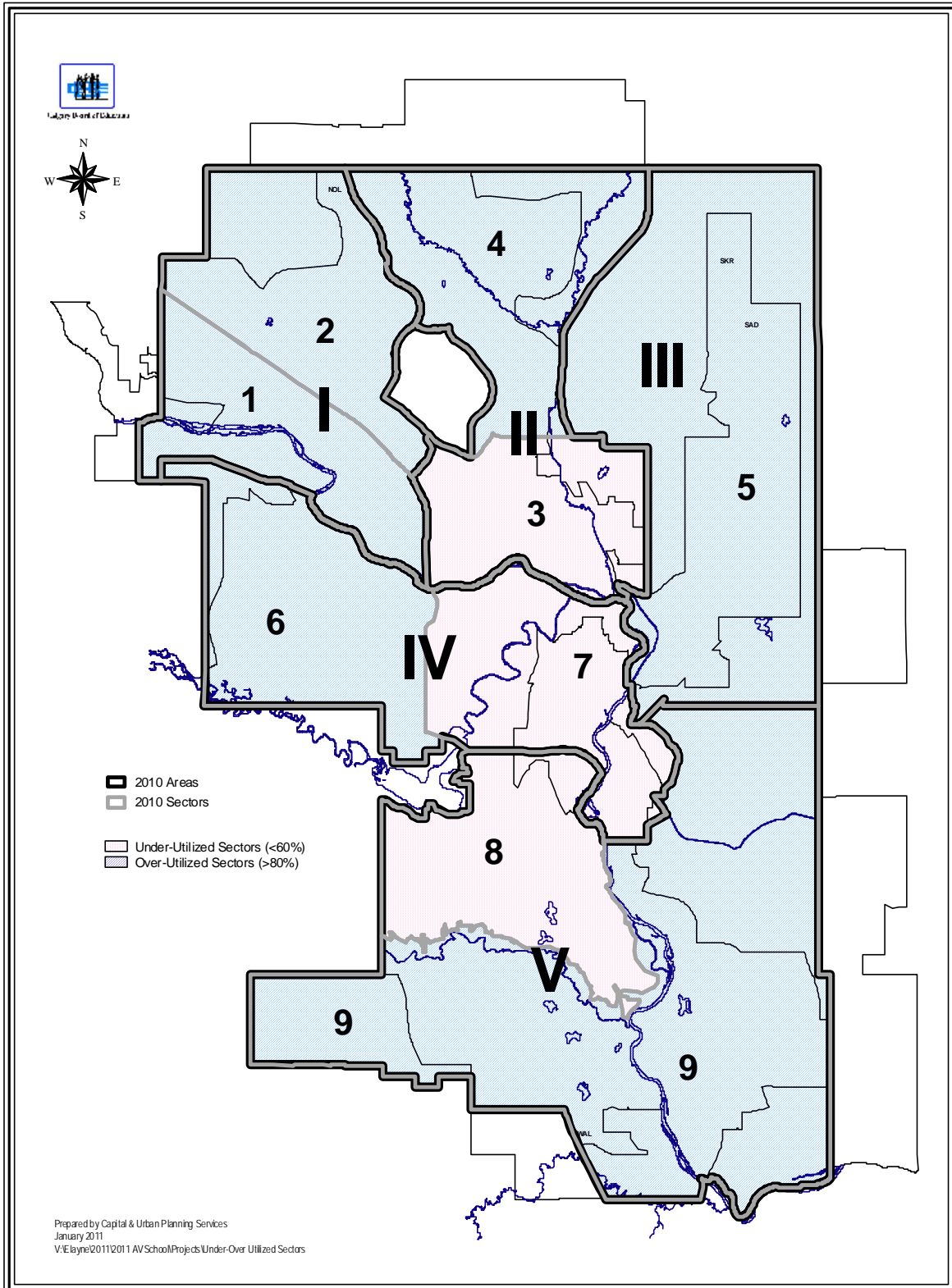
Senior High Area Utilization Rates by Enrolment



Sector Utilization Residence for Kindergarten to Grade 9



Sector Utilization by Residence
for Grades 10-12



Modernization Information

Modernization	Area	Grade	Points	Rank
Chinook Learning Services	IV			1
Area I High Schools	I	Grades 10-12		2
Area II High Schools	II	Grades 10-12		3
Area III High Schools	III	Grades 10-12		4
Area V High Schools	V	Grades 10-12		5
Piitoayis Family School	IV	Grades K-6		6
Christine Meikle School	II	Grades 7-12		7
Altadore School	IV	Grades K-6	435	8
Nickle School	V	Grades 5-9	435	9
Sir Wilfrid Laurier School	III	Grades 5-9	430	10
Elboya School*	IV	Grades K-9	420	11
Dr. J.K. Mulloy School	II	Grades K-6	415	12
Henry Wise Wood High School	V	Grades 9-12	410	13
Senator Patrick Burns School	II	Grades 5-9	410	14
A.E. Cross School	IV	Grades 7-9	410	15
Sir John A. Macdonald School	II	Grades 7-9	395	16
Thomas B. Riley School	I	Grades 5-9	390	17
Robert Warren School	V	Grades 5-9	385	18
Louis Riel School	V	Grades K-9	380	19
Woodman School	V	Grades 5-9	380	20
Fairview School	V	Grades 5-9	370	
Sherwood School	IV	Grades 5-9	365	
Ernest Morrow School	III	Grades 7-9	355	

Note:

- *Recommended as replacement school.
- The top twenty modernizations are in the Three-Year School Capital Plan 2012-2015.

The CBE administration has evaluated modernization priorities for this year's Capital Plan. The first seven 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).

Maximum points = 500

Community Ranking for New Schools

Community	Area	Grade	Points	Rank
Saddle Ridge	III	Grades 5-9	120	1
Royal Oak/Rocky Ridge	I	Grades 5-9	105	2
Evanston	II	K-4	90	3
New Brighton	V	K-4	90	4
New Brighton/Copperfield	V	Grades 5-9	90	5
Evergreen	V	Grades 5-9	85	6
Tuscany ⁽²⁾	I	K-4	85	7
Copperfield	V	K-4	80	8
Springbank Hill	IV	K-4	75	9
Auburn Bay	V	K-4	75	10
McKenzie Towne	V	Grades 5-9	75	11
Springbank Hill/Discovery Ridge	IV	Grades 5-9	70	12
West Springs/Cougar Ridge	IV	Grades 5-9	60	13
Panorama Hills ⁽²⁾	II	K-4	60	14
Cougar Ridge	IV	K-4	50	15
Martindale ⁽²⁾	III	K-4	50	16
Signal Hill	IV	Grades 5-9	45	17
Cranston	V	Grades 5-9	45	18
Harvest Hills/Country Hills	II	K-4	40	19
Bridlewood	V	Grades 5-9	40	20
Harvest Hills/Country Hills	II	Grades 5-9	40	21
Silverado	V	K-4	40	22
Evergreen ⁽²⁾	V	K-4	40	23
Saddle Ridge ⁽²⁾	V	K-4	40	24
Valley Ridge/Crestmont	I	K-4	35	25
Kincora	II	K-4	30	26
Discovery Ridge	IV	K-4	30	27
Aspen Woods	IV	K-4	30	28
Evanston	II	Grades 5-9	30	29
Cranston ⁽²⁾	V	K-4	30	30
Hamptons	I	K-4	20	31
Aspen Woods	IV	Grades 5-9	10	32

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 2012-2015.

2012-2015 Ranking for Capital Submission – K-4

Community	Community Growth Profile (points)			Busing and Travel Time (points)		Total Points
	Pre-School 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	10	0	0	85
Valley Ridge/Crestmont	15	10	0	10	0	35
Area II						
Country Hills/Harvest Hills	15	20	0	5	0	40
Evanston	25	40	5	20	0	90
Kincora	15	0	0	15	0	30
Panorama Hills ⁽²⁾	25	20	15	0	0	60
Area III						
Martindale ⁽²⁾	15	20	0	5	10	50
Saddle Ridge ⁽²⁾	25	0	15	0	0	40
Area IV						
Aspen Woods	5	0	5	10	10	30
Cougar Ridge	25	20	0	5	0	50
Discovery Ridge	5	10	0	15	0	30
Springbank Hill	15	40	5	5	10	75
Area V						
Auburn Bay	15	40	5	15	0	75
Copperfield	25	30	10	15	0	80
Cranston ⁽²⁾	15	0	15	0	0	30
Evergreen ⁽²⁾	25	0	15	0	0	40
New Brighton	25	30	15	20	0	90
Silverado	5	0	15	20	0	40

- 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.

2012-2015 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	10	5	0	15	0	105
Area II								
Harvest Hills/ Country Hills	5	20	0	0	0	15	0	40
Evanston	5	0	5	0	0	20	0	30
Area III								
Saddle Ridge	25	50	15	5	5	20	0	120
Area IV								
Aspen Woods	0	0	5	0	0	5	0	10
Signal Hill	15	20	0	5	0	5	0	45
Springbank Hill/ Discovery Ridge	25	20	10	0	0	15	0	70
West Springs/ Cougar Ridge	15	30	5	5	0	5	0	60
Area V								
Bridlewood	15	10	5	5	0	5	0	40
Cranston	15	0	15	5	0	10	0	45
Evergreen	25	30	15	5	0	10	0	85
McKenzie Towne	15	30	10	5	0	15	0	75
New Brighton/ Copperfield	15	40	15	0	0	20	0	90

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

CBE Point Assignments

Kindergarten – Grade 4, September 30, 2010				
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			

Three-Year School Capital Plan 2012-2015

Middle/Junior High, September 30, 2010				
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)