

School Capital Plan

2011-2012, 2012-2013, 2013-2014

Prepared by Capital & Urban Planning Services

April 13, 2010

**Proud
Past**



Connaught School - 1911



Samuel W. Shaw School - 2009

**Bright
Future**



Proud past. Bright future.
Public education since 1885.



Calgary Board of Education

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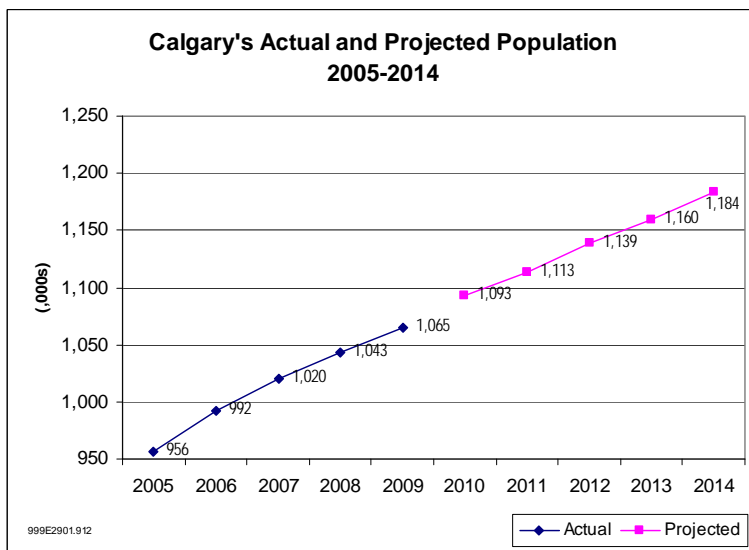
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EXECUTIVE SUMMARY

This School Capital Plan - 2011-2014 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 131,960 persons in the last five years, an average of 26,392 persons per year. The City has forecast that the total population of Calgary will reach 1,184,000 in 2014, an increase of 118,545 from the total 106,455 in April 2009. This five-year forecast represents an average annual increase of 23,709 persons, a similar growth to the last five years.



2. Student Enrolment

The CBE's current student enrolment of 102,376 is forecast to increase to 108,982 students in 2014. The largest increase over the five-year time horizon will be for Kindergarten to Grade 3 students. The Grades 10-12 enrolments will slightly decline.

Five-Year Enrolment Projections 2010-2014						
	Actual 2009	Projected				
		2010	2011	2012	2013	2014
Kindergarten	7,202	7,530	7,845	8,263	8,267	8,267
Grades 1-3	21,741	22,479	23,312	24,156	25,357	26,146
Grades 4-6	20,742	20,565	20,903	21,346	22,073	22,890
Grades 7-9	22,111	21,846	21,737	21,816	21,629	21,984
Grades 10-12	25,721	25,575	25,332	25,235	24,928	24,804
Outreach Programs & Unique Settings	1,726	1,710	1,710	1,710	1,710	1,710
Sub-Total	99,244	99,706	100,839	102,527	103,965	105,802
Chinook Learning	2,447	2,500	2,500	2,500	2,500	2,500
CBe-learn	685	680	680	680	680	680
Total Student Count	102,376	102,886	104,019	105,707	107,145	108,982

- Chinook Learning Services includes approximately 1,000 students who are 20 years old or older on September 1.
- Projected enrolment does not include pre-kindergarten students.
- All projections are subject to annual review and update.
- Projections use September 30, 2009, enrolments as a base, and three-year average trends.

3. Calgary Growth and Development

Although the total population growth to the City as a whole is expected to be 118,545 people over the next five years, the new suburban areas have grown at a higher rate. These new areas have historically captured all of the population growth to Calgary and more by pulling additional populations from the built areas of the City. It is anticipated that the City will continue to add 100% of Calgary's population gain in the suburbs over the next five years.

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 Three-Year Education Plan 2009-2012 on June 2, 2009. This year's Three-Year Education Plan 2010-2013 is currently being prepared.

5. Schools Under Construction and Approvals

Over the years there has been a backlog of new schools for high-priority communities. The Province provided eleven approvals from the School Capital Plan - 2007-2010. As well, the City of Calgary, the Province, and the CBE have entered into a Memorandum of Agreement for the West Calgary High School to replace Ernest Manning High School. The six P3 elementary schools are well under construction and are expected to open in the 2010-2011 school year. The West Calgary High School is in early stages of construction and is expected to open in the 2011-2012 school year.

Future School Openings				
School Year Opening	School	Grade	Approved Capacity	Approval Date
2010-2011	Bridlewood	K-6	600	June 14, 2007
	Cranston	K-4	550	June 14, 2007
	Evergreen	K-4	550	June 14, 2007
	Royal Oak/Rocky Ridge	K-4	550	June 14, 2007
	Saddle Ridge	K-4	550	June 14, 2007
	West Springs	K-4	550	June 14, 2007
2011-2012	West Calgary High School	Grades 10-12	1,800	November 2008
2012-2013	Coventry Hills	Grades 5-9	900	January 30, 2008
	Panorama Hills	Grades 5-9	900	January 30, 2008
	Taradale/Coral Springs	Grades 5-9	900	January 30, 2008
	Tuscany	Grades 5-9	900	January 30, 2008
2013-2014	Northwest Calgary High	Grades 10-12	1,500	January 30, 2008
Total School Space Capacity			10,250	

The CBE's current utilization rate by enrolment is 78.8%. Over the next five school years (2010-2015) approximately 10,250 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 15,000 student spaces.

School Capital Plan - 2011-2012, 2012-2013, 2013-2014

6. Capital Priorities – Year 1 - 2011-2012

The focus on **Year 1** will be on 2 replacement/relocation schools, 7 new school construction projects, and 11 high-priority preservation/major modernization projects.

Table 1: 2011-2012 School Capital Plan Priorities			
Priority Ranking – Project Description			
New /Replacement Construction	Grade	Project Type	2009 Cost (\$)
R-1 Chinook Learning Services		Replacement/Relocation	7,000,000
C-1 Saddle Ridge Middle	Gr. 5-9	New School	28,400,000
C-2 Royal Oak/Rocky Ridge Middle	Gr. 5-9	New School	28,400,000
C-3 Copperfield Elementary	K-4	New School	15,000,000
C-4 New Brighton Elementary	K-4	New School	15,000,000
C-5 Northeast Calgary High	Gr. 10-12	New School	58,000,000
C-6 New Brighton/Copperfield Middle	Gr. 5-9	New School	28,400,000
C-7 Springbank Hill Elementary	K-4	New School	15,000,000
R-2 Elboya School	K-9	Replacement/Relocation	15,000,000
School Preservation/Major Modernizations			
M-1 Lord Shaughnessy High School	Gr. 10-12	Preservation/Major Modernization	6,000,000
M-2 Bowness High School	Gr. 10-12	Preservation/Major Modernization	29,000,000
M-3 Lord Beaverbrook High School	Gr. 10-12	Preservation/Major Modernization	29,000,000
M-4 Jack James High School	Gr. 10-12	Preservation/Major Modernization	29,000,000
M-5 Thomas B. Riley School	Gr. 5-9	Preservation/Major Modernization	14,000,000
M-6 Robert Warren School	Gr. 5-9	Preservation/Major Modernization	4,500,000
M-7 Nickle School	Gr. 5-9	Preservation/Major Modernization	14,000,000
M-8 Senator Patrick Burns School	Gr. 5-9	Preservation/Major Modernization	14,000,000
M-9 Fairview School	Gr. 5-9	Preservation/Major Modernization	14,000,000
M-10 Louis Riel School	K-9	Preservation/Major Modernization	14,000,000
M-11 Altadore School	K-6	Preservation/Major Modernization	14,000,000
Total			391,700,000

7. Capital Priorities – Year 2 – 2012-2013

The focus on **Year 2** will be on one replacement/relocation school, four high-priority new construction projects, and five preservation/major modernization projects.

Table 2: 2012-2013 School Capital Plan Priorities			
Priority Ranking – Project Description			
New School Construction	Grade	Project Type	2009 Cost (\$)
R-3 Piitoayis Family School		Replacement/Relocation	15,000,000
C-8 Evanston Elementary	K-4	New School	15,000,000
C-9 McKenzie Towne Middle	Gr. 5-9	New School	28,400,000
C-10 Springbank Hill/Discovery Ridge Middle	Gr. 5-9	New School	28,400,000
C-11 Evergreen Middle	Gr. 5-9	New School	28,400,000
School Preservation/Major Modernizations			
M-12 James Fowler High School	Gr. 10-12	Preservation/Major Modernization	29,000,000
M-13 Ernest Morrow School	Gr. 7-9	Preservation/Major Modernization	14,000,000
M-14 Sherwood School	Gr. 5-9	Preservation/Major Modernization	14,000,000
M-15 Sir Wilfrid Laurier School	Gr. 5-9	Preservation/Major Modernization	14,000,000
M-16 Dr. J.K. Mulloy School	K-6	Preservation/Major Modernization	7,500,000
Total			193,700,000

8. Capital Priorities – Year 3 – 2013-2014

The focus on **Year 3** will be four high-priority new school construction projects and five preservation/major modernization projects.

Table 3: 2013-2014 School Capital Plan Priorities

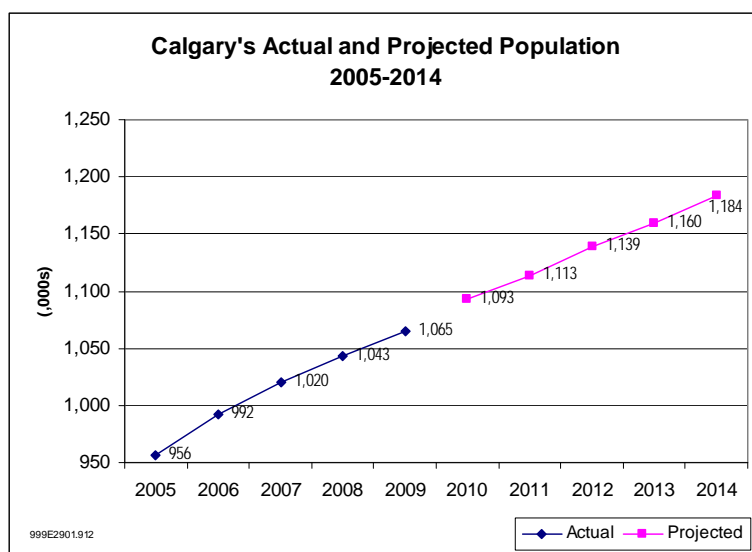
Priority Ranking – Project Description			
New School Construction	Grade	Project Type	2009 Cost (\$)
C-12 Centennial High School	Gr. 10-12	Expansion	6,000,000
C-13 Kincora Elementary	K-4	New School	15,000,000
C-14 Tuscany Elementary ⁽²⁾	K-4	New School	15,000,000
C-15 West Springs/Cougar Ridge Middle	Gr. 5-9	New School	28,400,000
School Preservation/Major Modernizations			
M-17 Christine Meikle School	Unique	Preservation/Major Modernization	7,500,000
M-18 A.E. Cross School	Gr. 7-9	Preservation/Major Modernization	14,000,000
M-19 Sir John A. Macdonald School	Gr. 7-9	Preservation/Major Modernization	14,000,000
M-20 Henry Wise Wood High School	Gr. 9-12	Preservation/Major Modernization	29,000,000
M-21 Woodman School	Gr. 7-9	Preservation/Major Modernization	14,000,000
Total			142,900,000

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 over 102,000 students (includes Adult Education) through 218 schools with more than 10,000 permanent employees and an operating budget of \$992.2 million.

Over the past decade, Calgary has seen tremendous growth and economic prosperity. Population growth has been strong, incomes have been rising and unemployment has dropped to unprecedented levels. One simple indicator of the magnitude of the growth is that the population of Calgary increased 131,960 persons between 2004 and 2009, an average of 26,392 persons per year.

Calgary's population grew from 1,042,892 in April 2008 to 1,065,455 in April 2009, an increase of 22,563 (2.16%).



The City of Calgary's report, Calgary and Region Socio-Economic Outlook 2009-2014 (October 2009), identifies continued strong growth for Calgary. The City forecast indicates the total population of Calgary will reach 1,184,000 in 2014, an increase of 118,545 persons from the 1,065,455 total as at April 2009 by the Civic Census. The five-year population forecast to 2014 represents an average increase of 23,709 persons per year during this period.

Calgary Total Population (.000s)										
Actual						Projected				
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
933	956	992	1,020	1,043	1,065	1,093	1,113	1,139	1,160	1,184

Calgary and Region Socio-Economic Outlook 2009-2014 (October 2009)

In 2009, Calgary's population grew by 22,563 persons and the total net migration remained stable at 12,902 with a slight increase of 479 from the 2008 total of 12,441. The natural increase, defined as births minus deaths, was also relatively stable with a slight decrease to 9,643 in 2009 from 9,695 in 2008. Annexation also added a total population of 814 for the City. The positive net migration to the City is partly explained by the relatively lower unemployment rate in Calgary compared to the rest of Canada.

1.1 CBE Student Enrolment

Total CBE enrolment is 102,376 students, effective September 30, 2009. There are 99,244 students accommodated in 218 schools and 3,132 students are enrolled at Chinook Learning Services and CBe-learn.

School age population (ages 5-19) in Calgary was 189,770 in April 2009. Approximately 54% of the school-age population is registered with the CBE based on September 30, 2009, enrolment. Overall, September 30, 2009, student enrolment increased by 554 students from the September 30, 2008, student enrolment count.

Kindergarten and Grade 1 registrations indicate healthy enrolment in the future. Intake at Grade 1 and Kindergarten out of the total number of children born in 2003 and 2004 was 62% and 59%, respectively.

Notable enrolment growth continues to occur in alternative programs such as the Spanish Bilingual program and the Traditional Learning Centres. Enrolment increased by 295 students in the Spanish Bilingual program and 801 students in the Traditional Learning Centres from September 2008 to September 2009.

The following table provides a summary of enrolments including unique settings, outreach programs, Chinook Learning, and CBe-learn from September 30, 2005, to September 30, 2009.

Five-Year History of Enrolments by Division

Five-Year History of Enrolments by Division 2005-2009					
	2005	2006	2007	2008	2009
Kindergarten	6,261	6,477	6,604	7,082	7,202
Grades 1-3	20,634	21,171	20,773	21,299	21,741
Grades 4-6	20,602	20,933	20,773	20,730	20,742
Grades 7-9	22,197	22,415	22,281	22,194	22,111
Grades 10-12	25,886	26,083	25,843	25,712	25,721
Outreach and Unique Settings	1,351	1,398	1,521	1,634	1,727
Sub-Total K-12	96,931	98,477	97,795	98,651	99,244
Chinook Learning	2,747	2,683	2,589	2,492	2,447
CBe-learn	440	525	651	679	685
Total	100,118	101,685	101,035	101,822	102,376

Five-Year Enrolment Projections

Total enrolments are expected to increase by 6,606 students from September 2009 to September 2014. A summary of the September 30, 2009, actual student enrolments and September 2010-2014 projected enrolments are below:

Five-Year Enrolment Projections 2010-2014						
	Actual 2009	Projected				
		2010	2011	2012	2013	2014
Kindergarten	7,202	7,530	7,845	8,263	8,267	8,267
Grades 1-3	21,741	22,479	23,312	24,156	25,357	26,146
Grades 4-6	20,742	20,565	20,903	21,346	22,073	22,890
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Total Student Count	102,376	102,886	104,019	105,707	107,145	108,982

- Chinook Learning Services includes approximately 1,000 students who are 20 years old or older on September 1.
- Projected enrolment does not include pre-kindergarten students.
- All projections are subject to annual review and update.
- Projections use September 30, 2009, enrolments as a base, and three-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 25 new and developing municipal communities (Suburban Residential Growth, May 2009) 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 2008-2009 population increased 22,096 persons in the developing municipal communities and increased 467 persons in the inner-city and established areas.

Forecasted Suburban Growth – 2009-2013

As identified in the Suburban Residential Growth 2009-2013, historical averages are calculated for determining the proportion of the total City housing forecast that will go into the new suburbs. The amount calculated for single and semi-detached dwellings occurring in the new suburban areas has ranged within 90% to 95% of the total City new housing market over the last five years. The past five-year average of 95% is used to allocate the share of the total for the Suburban Residential Growth 2009-2013.

Multi-unit development in the new suburbs varies quite considerably from year to year and has ranged from between 34% to 46% over the last five years, averaging 40%. For the purposes of forecasting, an assumption is used that 45% of all the City multi-units will occur in the new suburban communities.

The forecast projects that new suburbs will likely capture 100% of Calgary’s expected population gain over the next five years. This growth means the City will likely add 35,262 units to the new suburban areas of the City consisting of 28,096 single and semi-detached units and 7,166 multi-units.

A summary of the 2009-2013 period forecast for urban growth for suburban locations is as follows (see **Map 1**):

The top ten developing communities to receive residential building permit applications in the City of Calgary for 2009 were:

- Aspen Woods (W)
- Panorama Hills (N)
- New Brighton (SE)
- Silverado (S)
- Evanston(N)
- Copperfield (SE)
- Auburn Bay (SE)
- Cranston (SE)
- Royal Oak (NW)
- McKenzie Towne (SE)

(Source: Suburban Residential Growth 2009-2013, p.30)

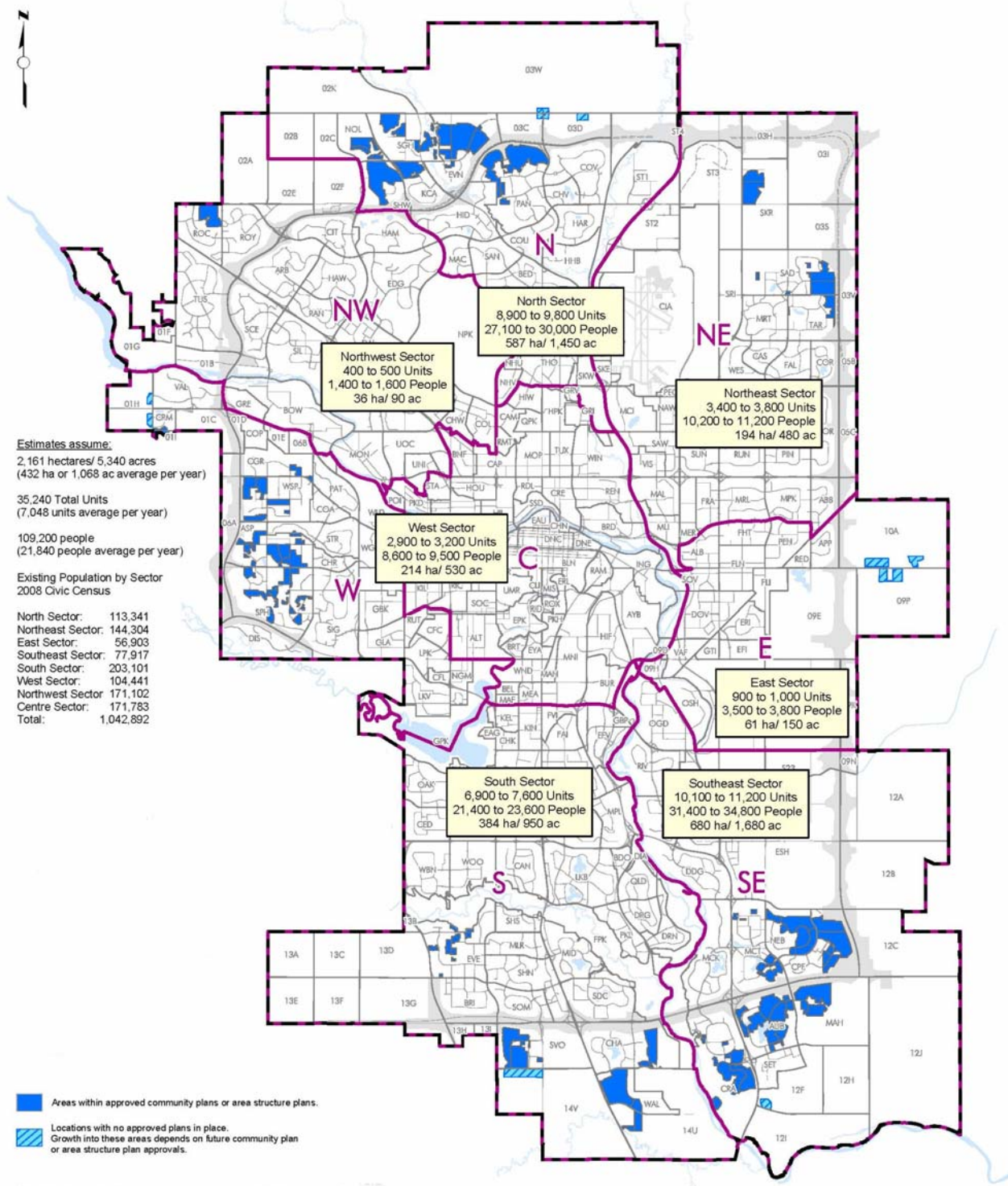
City Growth Trends by City Sector 2009-2013				
Sector	Housing Units	Population Forecast	Hectares	Acres
Northwest	400-500	1,400-1,600	36	90
North	8,900-9,800	27,100-30,000	587	1,450
Northeast	3,400-3,800	10,200-11,200	194	480
East	900-1,000	3,500-3,800	61	150
Southeast	10,100-11,200	31,400-34,600	680	1,680
South	6,900-7,600	21,400-23,600	384	950
West	2,900-3,200	8,600-9,500	214	530

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 2009-2013	
Area	Population Forecast
Area I	8,700-8,900
Area II	19,800-23,700
Area III	13,700-15,000
Area IV	8,600-9,500
Area V	52,800-58,400

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 2009-2013



1.3 *Plan It Calgary*

The *Plan It Calgary* document was approved at City Council on September 28, 2009, and will have an effective date for implementation of April 1, 2010. *Plan It Calgary* 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.

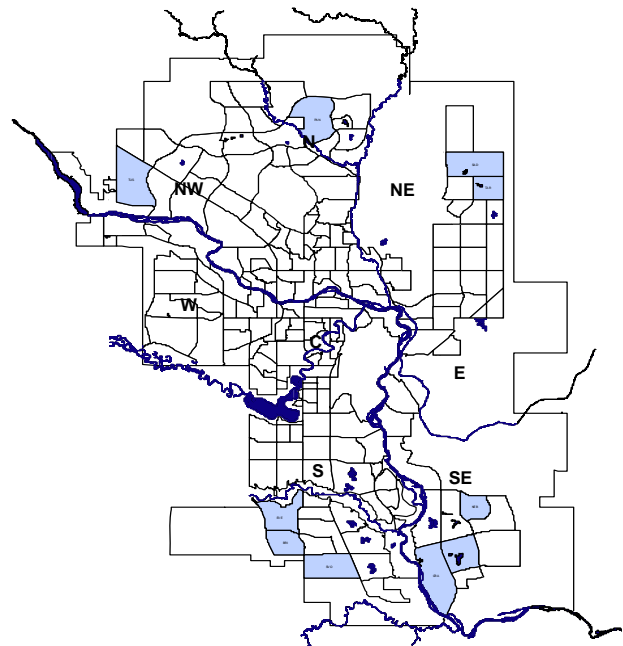
The directions for land use and mobility will propose increases in densities at strategic locations within the City in a way that provides better economies for public transit, supports commercial development in neighbourhoods, and reduces infrastructure costs. These directions focus on encouraging growth and intensification around high levels of transit service. The key strategic areas for intensification will focus on transit-oriented development, transportation corridors, as well as educational and medical institutions.

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 Section 1.2, the majority of City growth is occurring in the developing communities. In terms of population increases from the April 2008 Census to the April 2009 Census, there were ten developing communities where the population increased by more than 1,000. The Panorama Hills community exceeded a 2,000 population increase while the remainder of the communities increased in the 1,000 to 1,300 population range.

In contrast, the largest increases in the established and inner city communities were Hillhurst with a population increase of 741 persons and Haysboro with a population increase of 400 persons.

The Hillhurst population increase was primarily due to the SAIT student residence which opened in the fall of 2008. The Haysboro increase was primarily due to a large high-rise apartment project adjacent to the Heritage Drive LRT Station site.



A list of communities exceeding a population growth of 1,000 is provided below:

Communities with 1,000+ Population Growth by City Sector	Communities with 1,000+ Population Growth by City Sector
Northwest Sector Tuscany 1,067	Southeast Sector Auburn Bay 1,142 Cranston 1,262 New Brighton 1,200
North Sector Panorama Hills 2,156	South Sector Bridlewood 1,022 Evergreen 1,125 Silverado 1,312
Northeast Sector Saddle Ridge 1,271 Taradale 1,341	West Sector None

Source: 2009 Civic Census

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

Since 2003, the CBE has monitored the annexation activities between the City of Calgary, the MD Rocky View, and the MD Foothills (**Map 2**). The annexation of the MD Foothills lands to the south was approved effective January 1, 2005. The annexation of the MD Rocky View lands to the west, north, and east was approved effective January 1, 2007.

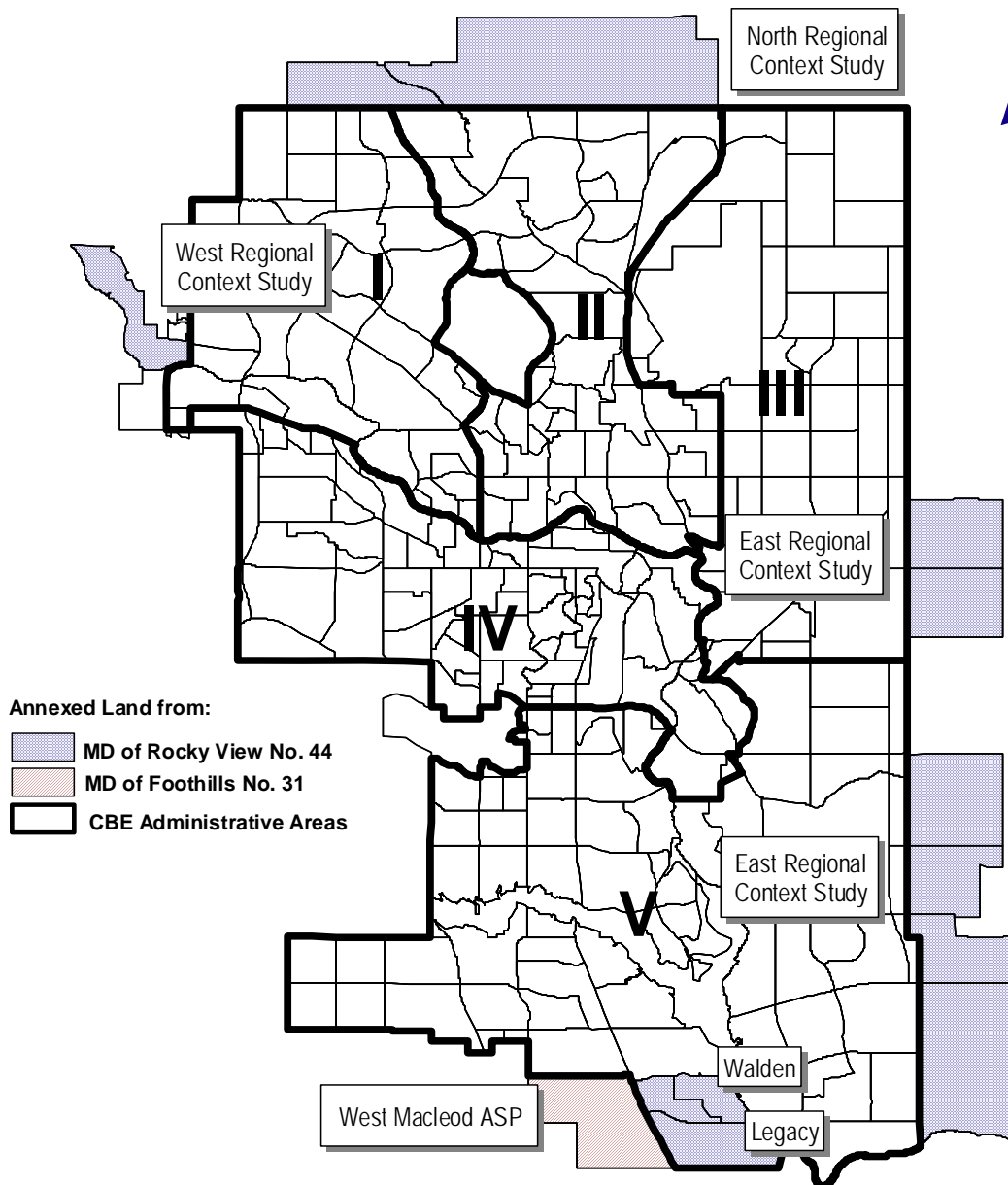
Annexation of new land provides the CBE insight into the direction in which the City will be developing and where new municipal communities and school populations will be located in the future. In total, these two annexation areas affect close to 130 km² of land that is intended to provide for a large share of the City's future growth, and that will ultimately accommodate in excess of 400,000 Calgary residents.

In the short-term, five-year timeframe, it is anticipated there will be less than a 10,000 total population growth from annexed lands currently outside the CBE boundaries. Growth for the next five years will primarily occur in the existing Calgary communities that can still accommodate in excess of a total of 250,000 in population.

Only a portion of the newly annexed lands are part of the CBE jurisdictional boundaries. On June 25, 2009, the Province approved a Ministerial Order that the annexed MD of Foothills lands east of Macleod Trail SE will now belong to the CBE and the Calgary Separate School District. The Ministerial Order ensures students in City of Calgary communities of Walden and Legacy will be able to attend CBE schools. The lands west of Macleod Trail SE are still outside the CBE jurisdictional boundaries.



Annexation Map



Prepared by Capital and Urban Planning
March 2010
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The CBE appreciates the action taken through the Ministerial Order for the east portion of the MD Foothills lands; however, it is the position of the CBE that all annexed lands now within the City's boundaries should become part of Calgary school districts. As the newly annexed lands build out over time, the growth will be traditional suburban communities with family-oriented housing. The newly annexed lands not within CBE boundaries will impact mid- and long-term CBE student enrolments that traditionally have a large number of school-aged children from the developing communities.

1. MD Foothills Annexation Lands

Approximately 24 km² of land was annexed from MD Foothills in 2005. Development commenced in 2008 in the Foothills annexation and will ultimately accommodate roughly 60,000 to 80,000 residents when complete. Key planning and development activities within the annexed lands are as follows:

- The Walden community (17,600 build-out population), located directly south of Chaparral below 194 Avenue SE and east of Macleod Trail SE, has been approved by the City of Calgary and is currently under development. City growth projections indicate approximately 6,000 residents will occupy the community over the next five years. As a result of the recent Ministerial Order, CBE students residing in Walden have been designated to CBE schools 2009-2010 school year.
- The Legacy community (17,400 population), located south of Walden, is in its early planning stages. City growth projections indicate approximately 1,000 people will occupy the community over the next five years. As this land is east of Macleod Trail SE and subject to the Ministerial Order, CBE students in Legacy will be designated to CBE schools when houses are occupied in the community.
- The City has approved the West Macleod Area Structure Plan (November 30, 2009), to the West of Walden and Legacy, which will accommodate 27,000 residents in the first phase of development. There are further lands to the south to be developed as part of future phases.
- A small annexation adjustment as of December 2009 is being undertaken for a residual portion of Spruce Meadows which will become entirely within MD Foothills to enable Spruce Meadows to deal with one approval authority. In return, the City will acquire a 65-hectare portion of lands south of Spruce Meadows near the Sirocco Golf Club.

2. MD Rocky View Annexation Lands

The MD Rocky View annexation on the west, north and east of Calgary was approved in 2007 and encompasses approximately 103 km² of land. Planning for portions of this area has now commenced and this area will be developed to accommodate in excess of 350,000 residents, including a range of both residential communities and employment areas. Completion and approval of area plans is a prerequisite to the subdivision and development by area landowners. To date, a Ministerial Order has not been provided for these lands to be within the CBE's jurisdictional boundaries. Key planning activities within the annexed lands are as follows:

- The City has approved the East Regional Context Study (April 6, 2009) for the lands in the east annexed area which total 15,080 acres. The area is planned to serve as a residential, employment, and industrial growth corridor for Calgary's east and southeast sectors. There are seven residential areas and one industrial area with an eventual population of 160,000 persons and approximately 21,000 jobs upon full build-out.
- The City has initiated the North Regional Context Study for approximately 14,000 acres along the City's northern boundary west of Highway 2. The area is planned to serve as a sustainable growth corridor including residential, employment, and industrial uses within Calgary's north and northwest sectors. There are eight planning cells with an eventual population of 185,000 persons and approximately 60,000 jobs on full build-out.
- The City has initiated the West Regional Context Study for approximately 2,140 acres along the City's western boundary, lying north of the Bow River adjacent to the Bearspaw Reservoir, lying south of the Bow River, straddling Highway 1. There are two planning cells for the plan area with an eventual population of 19,000 people and 5,500 jobs upon full build-out.

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;
- There is increasing public demand for program alternatives;
- Transitions for students should occur with minimal disruption and provide for continuity of learning with consistent peer cohorts; and
- Long-term planning is required to address the challenge of under-utilized facilities.

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 facilities strategy, supported by a ten-year accommodation strategy, which identifies a role for each school over five-to-ten years.
- Undertake an annual review through the Three-Year System Student Accommodation Plan process 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 special education programs.
- 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 Three-Year Education Plan 2009-2012 on June 2, 2009.

The Three-Year Education Plan serves three purposes:

1. To fulfill Alberta Education planning and accountability requirements.
2. To provide a broad strategic plan that encompasses all CBE Units of Change in support of student progress towards the Board's Governance Policy – Ends.
3. To inform the budgeting process as outlined in EL-10.

This year's Three-Year Education Plan 2010-2013 is currently being prepared.

2.3 Administrative Areas and Space Utilization

The CBE has five administrative Areas as indicated on **Map 3**. Within each of these Areas, this 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 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 78.8%. The utilization rate is 76.6% for K-9 students and 85.4% for Grades 10-12 students. The CBE will continue to use planning strategies to improve use of facilities and increase utilization rates in Areas with low utilization.

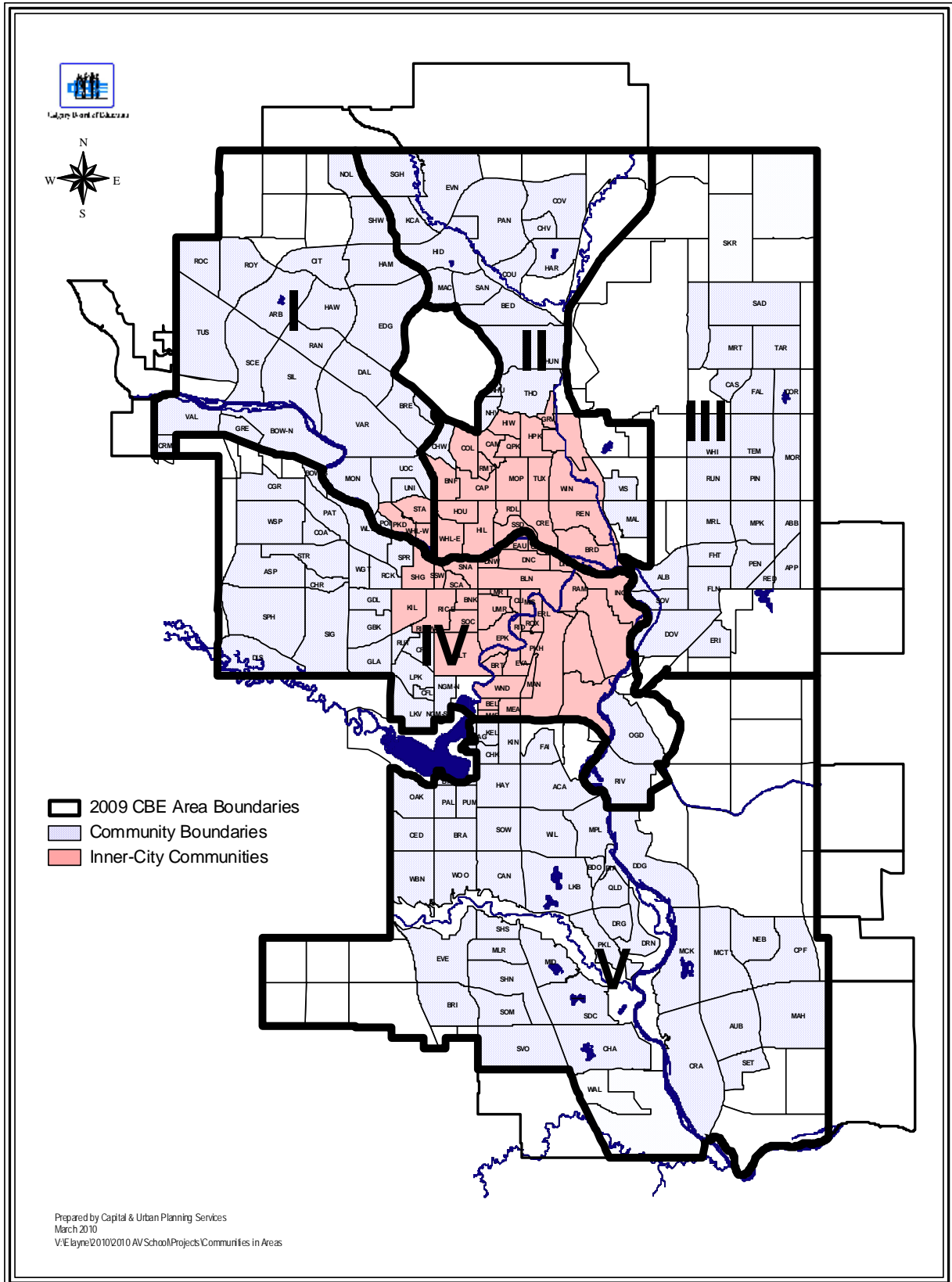
A summary of utilization by enrolment and by residence follows below and is included in detail in Appendix I. Utilization by enrolment identifies the number of students attending schools in an Area expressed as a percentage of the total capacity. Utilization by residence identifies the number of students residing in an Area expressed as a percentage of the total capacity. Projections for 2013-2014 account for additional school capacity through new construction and capacity reductions through school closure and consolidation.

Area Utilization by Student Enrolment				
Area	2009-2010 Actual		2013-2014 Projections	
	K-9 % Utilization	Grades 10-12 % Utilization	K-9 % Utilization	Grades 10-12 % Utilization
I	81.26%	85.37%	79.21%	69.52%
II	76.17%	86.54%	74.15%	78.87%
III	80.78%	83.33%	83.21%	75.93%
IV	69.96%	81.09%	72.35%	73.52%
V	74.88%	89.03%	78.11%	81.13%
Total	76.57%	85.36%	77.60%	76.44%

Area Utilization by Student Residence				
Area	2009-2010 Actual		2013-2014 Projections	
	K-9 % Utilization	Grades 10-12 % Utilization	K-9 % Utilization	Grades 10-12 % Utilization
I	89.38%	117.87%	86.62%	95.51%
II	64.87%	56.16%	64.97%	50.92%
III	89.94%	135.24%	89.22%	122.61%
IV	69.90%	74.22%	71.88%	67.01%
V	75.46%	94.92%	78.28%	86.06%
Total	77.47%	90.09%	78.07%	80.27

2009-2010 Municipal Communities in Areas

(See List of Community Code Definitions)



Municipal Community Code Definitions

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

2.4 Planning and Consolidation of Surplus Space

Area Renewal Plans

The CBE prepares Area Renewal Plans for each of the five Areas. The Area Renewal Plan is a strategic plan for education programming which identifies the educational program challenges, future education programs and service needs for students over a three-year period. These plans are revisited annually by the administration.

Three-Year 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, Area Renewal Plans, School Capital Plan and the Ten-Year Facilities Strategy.

Student accommodation needs are identified by the Department of Community Engagement and Operational Planning in consultation with Area Directors. Student accommodation activities are consistent with Area Renewal Plans for the five Areas. 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 School Capital Plan are consistent with the Three-Year System Student Accommodation Plan.

There are currently seven schools in the construction process and an additional five schools that are in the design process. There will be 10,250 student spaces added to the CBE over the next five 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 15,000 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.

On June 16, 2009, the Board of Trustees approved the Three-Year System Student Accommodation Plan - 2009-2012. A link to the website is as follows:

<http://www.cbe.ab.ca/Schools/ceop/pdfs/SSAP2009-2012.pdf>

2.5 New School Construction and School Approvals

The recent school openings are listed below:

Recent School Openings					
School Year Opening	School	Grade	Provincial Capacity	Provincial Approval	Day School Opened
2009-2010	Samuel W. Shaw	Grades 5-9	850	September 16, 2005	August 2009
	Panorama Hills	K-4	550	August 31, 2006	August 2009
	Taradale	K-6	650	August 31, 2006	August 2009
	McKenzie Towne	K-4	650	August 31, 2006	January 2010

The Province is undertaking six elementary schools as part of ASAP Phase I, and four middle schools and one senior high school as part of ASAP II.

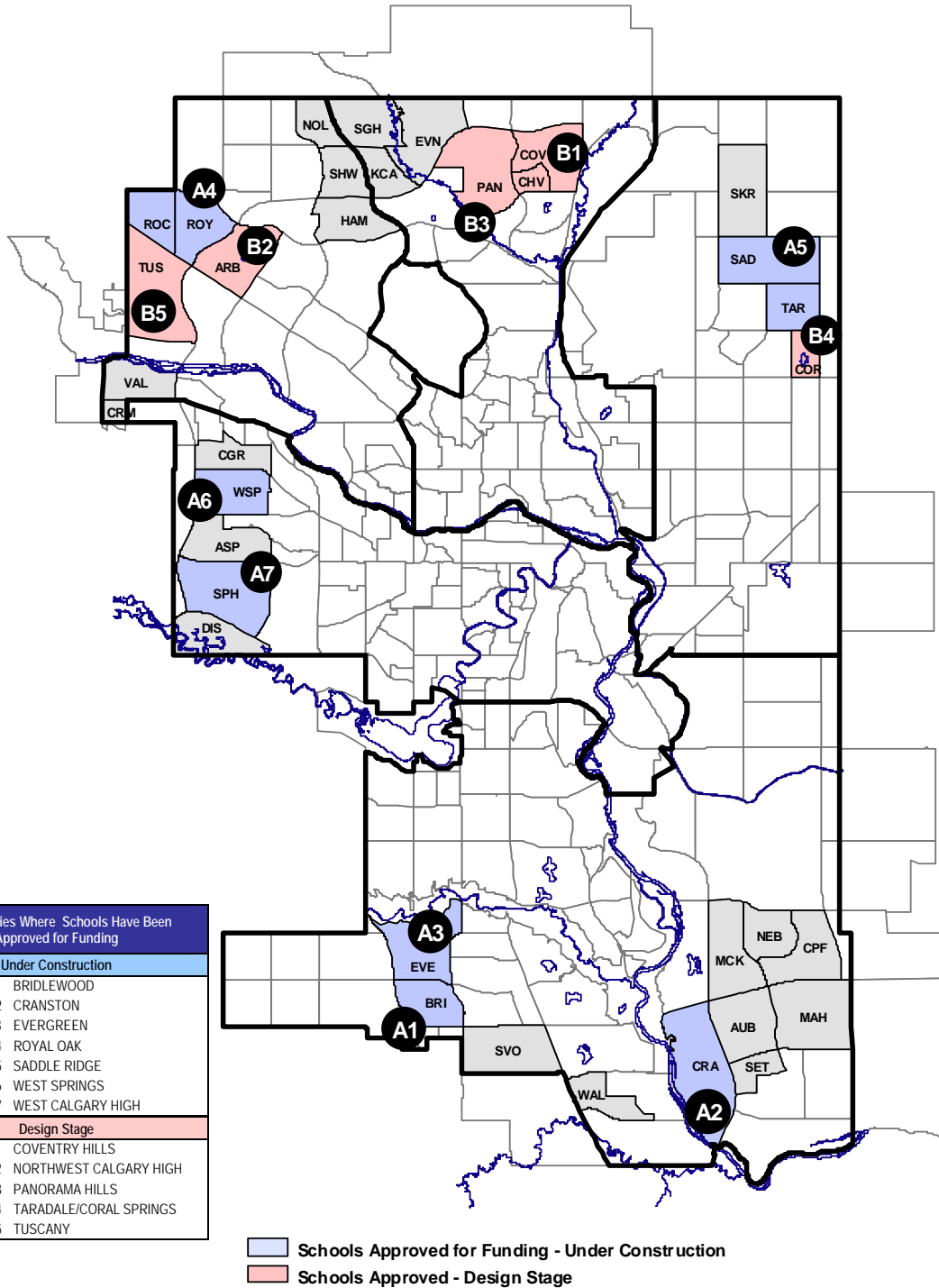
The City of Calgary, the Province, and CBE entered into a Memorandum of Agreement for the construction of a high school in west Calgary. This is a replacement school for Ernest Manning High School that will be closed as a result of the west LRT project being undertaken by the City of Calgary.

Future School Openings				
School Year Opening	School	Grade	Approved Capacity	Approval Date
2010-2011	Bridlewood	K-6	600	June 14, 2007
	Cranston	K-4	550	June 14, 2007
	Evergreen	K-4	550	June 14, 2007
	Royal Oak/Rocky Ridge	K-4	550	June 14, 2007
	Saddle Ridge	K-4	550	June 14, 2007
	West Springs	K-4	550	June 14, 2007
2011-2012	West Calgary High School	Grades 10-12	1,800	November 2008
2012-2013	Coventry Hills	Grades 5-9	900	January 30, 2008
	Panorama Hills	Grades 5-9	900	January 30, 2008
	Taradale/Coral Springs	Grades 5-9	900	January 30, 2008
	Tuscany	Grades 5-9	900	January 30, 2008
2013-2014	Northwest Calgary High School	Grades 10-12	1,500	January 30, 2008
Total School Capacity			10,250	

Map 4 identifies the location of schools under construction and approved for funding.

Map 4

School Construction Projects



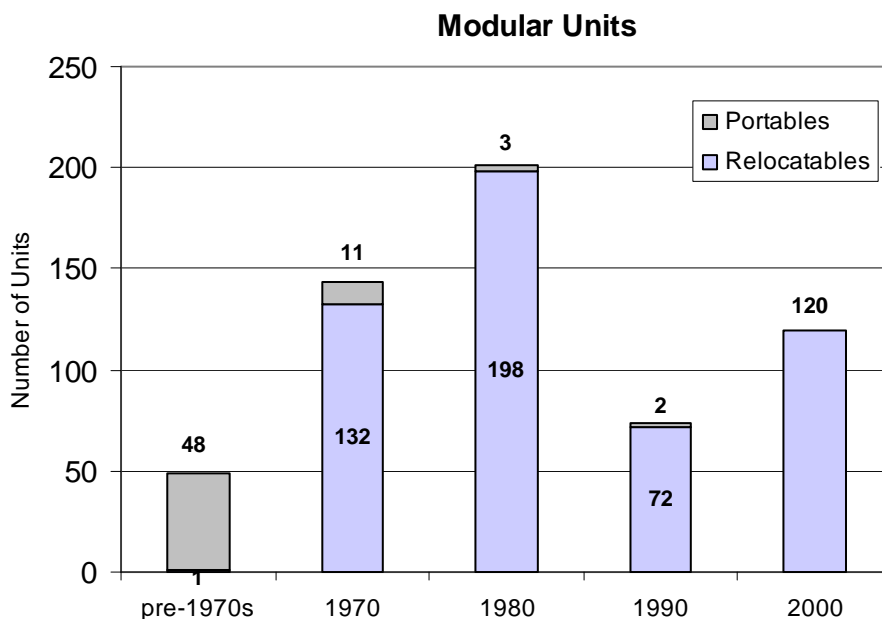
Prepared by Capital & Urban Planning Services
December 2009

V:\Elayne\2010\2010 AVSchool\Projects\New School Construction\2010 New Constructor

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 (although there are two portables 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 and are joined together with an attaching corridor between units and to the main school structure.

The lifespan of older 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 Alberta Building Code, 2006. These units, built in the 1960s and 1970s, represent approximately 33% of the inventory that have exceeded the 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 another re-evaluation of its complete inventory. The total current 2009 inventory count is made up of 64 portables and 523 relocatables. The intent of this evaluation 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 made other applicable notes depicting the state of each unit. The evaluation used the same rating structure as of Alberta Infrastructure’s Renewal Capital Asset Planning Process (RECAPP).

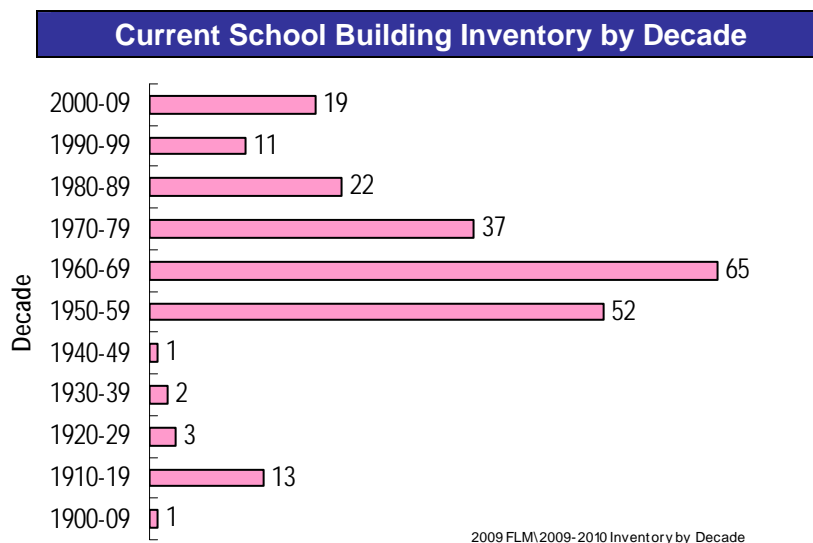
Priorities for the evaluation were focused on finding units for demolition with no replacement, as well as demolition with replacement. The evaluation recommended that 22 units be demolished at eight schools. A total of ten units would be replaced at three of these schools.

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, 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.

2.7 School Preservation/Major Modernization

School preservation/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 preservation/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 seven years.

There are 236 CBE-owned facilities (includes other buildings). There are 226 school buildings and 137 schools are greater than 40 years old representing 61% of the school building inventory. The current inventory by decade of CBE school buildings is shown in the following graph:



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. As of 2009, Alberta Infrastructure has audited 211 of the total 236 CBE facilities. There are six administration facilities, three leased facilities, and 16 (newer than ten years old) remaining facilities that were not audited. As of the spring 2009, Alberta Infrastructure will recommence evaluations starting with the former 2004 assessments, thus continuing the five-year assessment cycle. 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:

- Health and safety of students and staff.
- 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 21 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 three senior high schools in 2011-2012 and one senior high school in 2012-2013. These schools require priority placements for preservation/major modernization projects in the first two years of the plan in order to deliver CTS courses to students in each of the five Areas. Four schools have been placed in Year 1 (Bowness, Jack James, Lord Shaughnessy, and Lord Beaverbrook) and James Fowler has been placed in Year 2.

There is one additional specialized curriculum-based priority that needs to be recognized. Christine Meikle School has been placed in the 2013-2014 preservation/major modernization project list as the first-ranked priority.

2.8 Property and Leasing Strategies

The CBE will pursue property and leasing strategies pertaining to the management of surplus school space which are representative of the CBE's vision and philosophy and supports the School Capital Plan.

Issues and strategies relating to leasing and property development that are being discussed and explored in support of this School Capital Plan include the following:

Issue 1:

Provincial policy pertaining to building capacity and utilization allows for capacity exemptions to school boards through facility and/or partial facility closures, and through the leasing of surplus school space. This policy encourages the CBE to incorporate innovative measures to increase overall system utilization.

Strategy:

Leasing of surplus school space is impacted by a variety of influences, including provincial and internal policies, as well as market demand. It is strategically important for the CBE to monitor these changes to ensure compliance to regulatory authorities while striving to maximize utilization of 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.

Issue 2:

The leasing of surplus school space should be “cost neutral” to the CBE, unless otherwise approved by the Board of Trustees.

Strategy:

The CBE performs an annual review of lease arrangements and will adjust lease rates where required to ensure cost recovery for third party use of surplus school space.

The CBE supports the lease of surplus school space to organizations whose goals and initiatives are aligned with the CBE’s vision and mission. As per the terms of the lease agreement, these lessees are assessed an annual lease fee based on the costs incurred by the Board to operate and maintain the leased space.

In accordance with the School Capital Manual (Province-issued document), closed facilities which are leased entirely by a third party are assessed a lease rate based on market rates. The lease rate is approved by the Province and includes use of closed facilities by other school programs, such as charter schools.

Issue 3:

Alternative programs, programs of choice, and administrative space requirements are ongoing and need to be considered on a system-wide basis.

Strategy:

The CBE determines its facility needs on an ongoing basis to accommodate new and innovative programs, as well as the decentralization of administrative space. First consideration is the need for new and innovative programs with respect to location, facilities, and amenities. Leasing and Property Development works closely with Community Engagement and Operational Planning to assist in ensuring all programs are accommodated and surplus space is used effectively.

Issue 4:

The status of closed schools needs to be considered in conjunction with system accommodation planning.

Strategy:

Leasing and Property Development has implemented a closed facility review process, which provides for an ongoing review of the CBE’s closed schools from both a long-term and short-term perspective. This review process assists in determining whether a property is reoccupied for CBE purposes, leased or recommended for disposition.

As part of the closed facility review process, school properties are determined to be either temporarily or permanently surplus to CBE needs. School facilities which have been deemed to be permanently surplus may be subject to disposition.

The CBE, prior to recommending the disposition of any surplus school site, will perform a comprehensive analysis of the Board’s long-term need for the school property. Student accommodation requirements, as well as building status and land ownership details are included as part of this analysis.

Issue 5:

The CBE maintains a vast amount of data pertaining to a diverse inventory of properties and buildings.

Strategy:

Leasing and Property Development, in conjunction with other Facilities and Environmental Services departments, is participating in development and population of a web-based Integrated Workplace Management System. The system will act as a central database for a wide range of property and building data, spanning the lifecycle of facilities for asset management – from acquisition and operation to disposition. 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 issues concerning Board properties.

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

The large number of school approvals in June 2007 and January 2008 has helped to reduce the pressure for alternative funding models to meet new school construction priorities the past few years. These capital approvals 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 six new school construction projects, three replacement school projects and 11 modernization projects in Year 1 of the most recent three-year School Capital Plan. The School Capital Plan - 2010-2013 was submitted to the Province on April 30, 2009 and there have been no approvals announced to date.

In terms of active school construction projects, Babcock and Brown Public Partnership Ltd. is the P3 Partner with the Province and CBE that is undertaking construction of six elementary schools as part of ASAP Phase I. These schools are nearing construction completion and will open for the 2010-2011 school year. The ASAP Phase II project for four middle schools will announce a partner imminently, and groundbreaking will start in May 2009. The core school design and approvals are in place and the schools will open for the 2012-2013 school year.

The Northwest Calgary High School (Grades 10-12) is part of ASAP Phase II and was packaged with three other high schools in Edmonton. The school will have a 1,500 student capacity and will be constructed by Clark Builders on a design-build basis. The Northwest Calgary High School design was undertaken by Quinn Young Architects.

In view of the lack of capital project approvals from the School Capital Plan - 2010- 2013, 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. Examples of CBE projects and initiatives within the past five years are as follows:

Ernest Manning High School Replacement Project

The CBE is currently working with the City and the Province has approved the Ernest Manning High School replacement high school project. A tri-party Memorandum of Agreement was signed between the three parties. The new West Calgary High School, located at 69 Street and 17 Avenue SW in the Springbank Hill community, is currently under construction with funding for the project being provided by the Province (50%) and the City (50%), with the City portion being realized through a property exchange agreement for the current Ernest Manning High School building and site.

Connaught School and Dr. Carl Safran Centre Modernizations

During the 2008-2009 school year, the CBE investigated several options to deal with funding strategic capital projects which required a number of approaches and funding sources to ensure the project success. These projects are the Connaught School modernization/addition and the Dr. Carl Safran Centre modernization/addition. Initial funding for these projects was to come from the capital building reserve and from the disposition of vacant surplus administrative and school properties owned by the CBE and approved for disposition by the Province. However, due to the downturn in the financial markets and the suspension of a significant number of commercial projects in Calgary, the CBE was unable to successfully dispose of two specific properties (King Edward School and Albert Park School and sites) during 2008-2009. These sites are currently being re-tendered.

The proceeds from these two sites were to support the funding required for the Connaught School and Dr. Carl Safran Centre projects and, therefore, Administration pursued other initiative funding approaches. On March 31, 2009, the Board of Trustees approved requesting the Ministry to authorize the CBE to undertake a capital loan from the Royal Bank of Canada to finance any shortfall on these two projects up to \$30 million. The Ministry has approved this interim borrowing until surplus sites have been sold, and the CBE started to access to these funds in the fall of 2009.

IMR Financing of Modernization Projects

Certain Infrastructure Maintenance Renewal funding has been designated and allocated, with Alberta Education approval, to eligible projects to maximize the resources to complete urgent and necessary maintenance and repair work.

During the 2008-2009 school year, the following major modernization projects were completed or are in the process of being completed from these revenue streams:

- Ian Bazalgette School Modernization – Phase II
- Radisson Park School
- Willow Park School Program Renovation – Phase II
- Administration Building Renovation
- New Education Centre – Dr. Carl Safran Centre
- CBE Primary Data Centre
- Windsor Park School – REACH Renovations

These modernization projects would not have been successful were it not for the innovative funding approach taken by Administration, and as approved by the Board of Trustees using

Infrastructure Maintenance Renewal funding, general operating surplus and/or capital reserves from the sale of surplus schools and sites.

Performance Plus Contract

In addition, there has been active involvement in the development of a Phase III capital project for energy retrofit projects in a significant number of additional CBE schools. Administration built on the success of the Phase I pilot project, where seven schools received an energy retrofit led by Johnson Controls Inc. in the amount of \$2.7 million during the 2005-2006 timeframe. A further Phase II pilot project led by Ameresco Canada Inc. in the amount of \$4.2 million was undertaken in 2008-2009 and is currently being finalized in eight schools.

Subsequently, on February 24, 2009, the Board of Trustees approved the Phase III project for the energy retrofit of an additional 35 CBE schools through a similar unique financing arrangement through the Royal Bank of Canada. The Minister of Education approved this financing arrangement with Royal Bank of Canada on June 4, 2009, in accordance with the Board of Trustees request. This project will again be led by Johnson Controls Inc. and coordinated by the Energy and Environmental Services Department within Facilities and Environmental Services. The 35 school projects have a total planning spending envelope in the amount of \$15.3 million, and were partially underway at the end of the 2008-2009 fiscal year.

Land Sale Proceeds

The David D. Oughton site was sold to the City of Calgary on December 18, 2008. The Albert Park and King Edward sites are in the process of being re-tendered. The sale proceeds from these schools will contribute to the Capital Reserve.

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 city-wide initiatives like imagine CALGARY and through administrative initiatives that have often focussed on property, leasing and infrastructure challenges. The following areas are examples of the CBE working together with the City on significant initiatives:

- The City has approved the west LRT as the next new LRT line to be constructed and construction is underway. The west LRT will have an impact on Ernest Manning High School and the Westbrook Station is planned at this site. The City of Calgary, the Province and the CBE have entered into a Memorandum of Agreement for the construction of a 1,800 student capacity West Calgary High School to 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 details of this project are discussed further in Section 3.4.
- The CBE worked with the City on plans for the new ten-storey CBE Administration Centre on 12 Avenue SW and 8 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 have also 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 coordinated and obtained approvals with the City for renovations to the Connaught School located on 12 Avenue SW and 10 Street SW. Originally constructed in 1911, the facility is one of the original sandstone buildings in Calgary and is approaching 100 years old. It maintains the distinction of being the oldest operating school within the CBE. An extensive modernization was started in the fall 2007 and was completed in August 2009. The school functions both as a Centre of Excellence and an ESL facility and students were accommodated at Kingsland School for 2008-2009.
- The CBE and the City participated on a Provincial Working Committee with the City of Edmonton 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. Consultation with communities will occur on potential uses of the school sites.
- 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 approved at City Council in the fall of 2009.
- 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 recently 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 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 School Capital Plan - 2011-2014 all new and developing municipal communities will be ranked for new school construction. Inner-city and established areas are not ranked since they do not have new and developing municipal communities.

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 8,000 to 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 22,000 to 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 two categories: the Community Growth Profile and the Busing, Safety, and Travel Time. Points for each of the profiles are totalled and used to rank priorities for new school construction.

Community Growth Profile

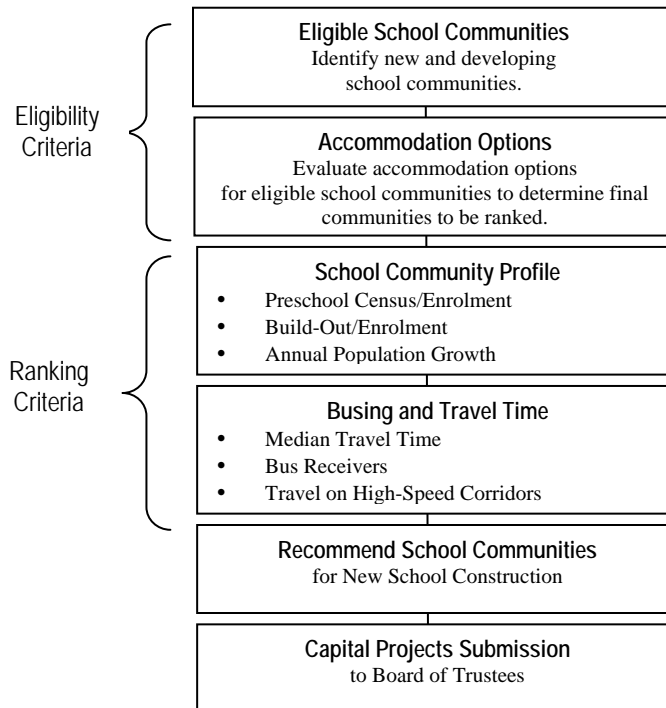
Point assignments are given to school communities based on growth factors. Based on this information, three categories have been developed for ranking purposes: preschool census/student enrolment; school community build-out potential/student enrolment; and, annual average population growth.

Busing, Safety, and Travel Time

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

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

**School Capital Plan - 2011-2014
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	118%	85%
Area II	56%	87%
Area III	135%	83%
Area IV	74%	81%
Area V	95%	89%

Notes:

- Student residence and enrolment as at September 30, 2009
- Capacity is based on Alberta Infrastructure's Area, Capacity and Utilization Report dated March 25, 2009

Although Area I indicated a strong demand based upon 118% utilization by residence and 85% by utilization, this demand will be met with construction of the new Northwest Calgary High School to open for the 2013-2014 school year.

The greatest demand for new senior high school construction is a 1,800-capacity senior high in the northeast. Utilization rates for the northeast are 135% utilization by residence and 85% 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. 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.	Copperfield Elementary
4.	New Brighton Elementary
5.	New Brighton/Copperfield Middle
6.	Springbank Hill Elementary
7.	Evanston Elementary
8.	McKenzie Towne Middle
9.	Springbank Hill/Discovery Ridge Middle

School Communities	
10.	Evergreen Middle
11.	Kincora Elementary
12.	Tuscany Elementary ⁽²⁾
13.	West Springs/Cougar Ridge Middle

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 the proposed school capital plans in Section 4.0. Details of ranking for all school communities with points are included in Appendix III.

3.4 Construction Priorities: Senior High Schools

Senior high schools (see **Map 5**) are not ranked using point criteria but are recommended on the new school construction priority list based on need.

Northeast High School

The first priority for a new high school construction is in the northeast and it is recommended for Year 1 of this Plan.

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 6,513 senior high students. Students residing in the communities of Castleridge, Coral Springs, Falconridge, Martindale, Monterey Park, 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). There are 1,205 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 a northeast senior high school site on the north half 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 August 2011.

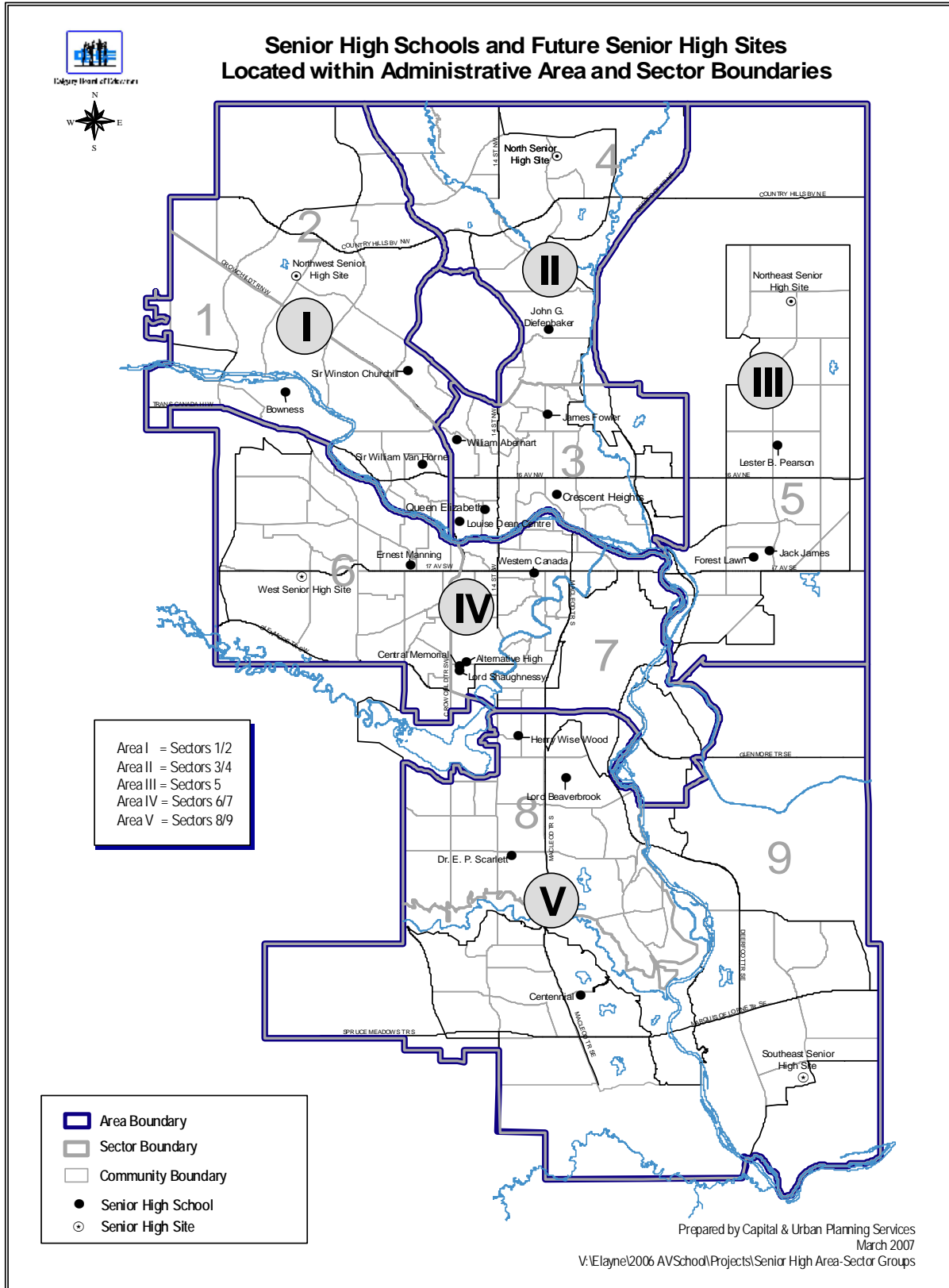
Centennial High School

A 400-capacity expansion at Centennial High School is required and has been identified in Year 3 of the School Capital Plan. The current attendance area for Centennial High School includes the communities of Bridlewood, Chaparral, Evergreen Estates, Midnapore, Millrise, Shawnee Slopes, Shawnessy, Somerset, and Sundance. Grades 10-12 students residing in these communities can be accommodated at Centennial High School in the existing capacity over the next five years. Additional space is required at Centennial High School to accommodate the anticipated growth of the developing communities in Area V.

Ernest Manning High School

In November 2006, City Council approved the funding of the West LRT as the next new LRT line to be constructed. The City acquired the Ernest Manning High School site to allow for the West LRT Extension Project to proceed and the Ernest Manning High School will be demolished. Control over this project resides with the City of Calgary and the City will require the entire 13.44 acre school site for the West LRT extension, associated land uses and possible residual land uses. The City, Province, and CBE have signed a Memorandum of Agreement for the transfer of the Ernest Manning High School site to the City, as well as the construction of a replacement high school for Ernest Manning High School.

The transfer of the Ernest Manning site to the City would not occur until the new CBE high school is constructed and the Ernest Manning students occupy the new replacement school. The new high school will be located on an 18-acre municipal school reserve site (CBE/City on title) in the Springbank Hill community on 69 Street SW, south of 17 Avenue SW. The project is being undertaken by the City of Calgary and is under construction. The West Calgary High School opening date is expected in the 2011-2012 school year.



4.0 SCHOOL CAPITAL PLAN - 2011-2014 – 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 then prioritizes 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/replacement school construction and preservation/major modernization projects. Table 1 (New/Replacement School Construction) and Table 2 (School Preservation/Modernizations) provides a summary of the recommended projects and project costs are based upon 2009 Alberta Infrastructure support prices. Sections 5.0 through 7.0 provide a year-by-year detail of the recommended projects.

Projects have been scheduled over three years for funding purposes and are listed in order of priority. Details of new school construction priority rankings are identified in Appendix II.

The focus on **Year 1** will be on two replacement/relocation schools, seven new school construction projects and 11 high-priority preservation/major modernization projects.

The focus on **Year 2** will be one replacement/relocation school, four new construction projects, and five preservation/major modernization projects.

The focus on **Year 3** will be four new school construction projects and five preservation/major modernization projects.

The sections that follow this summary (Sections 5.0 to 7.0) describe the community and school profiles in order of priority. The key maps in the top right corner of the page depict the location of the community described. The light-shaded areas represent all the new and developing communities in Calgary.

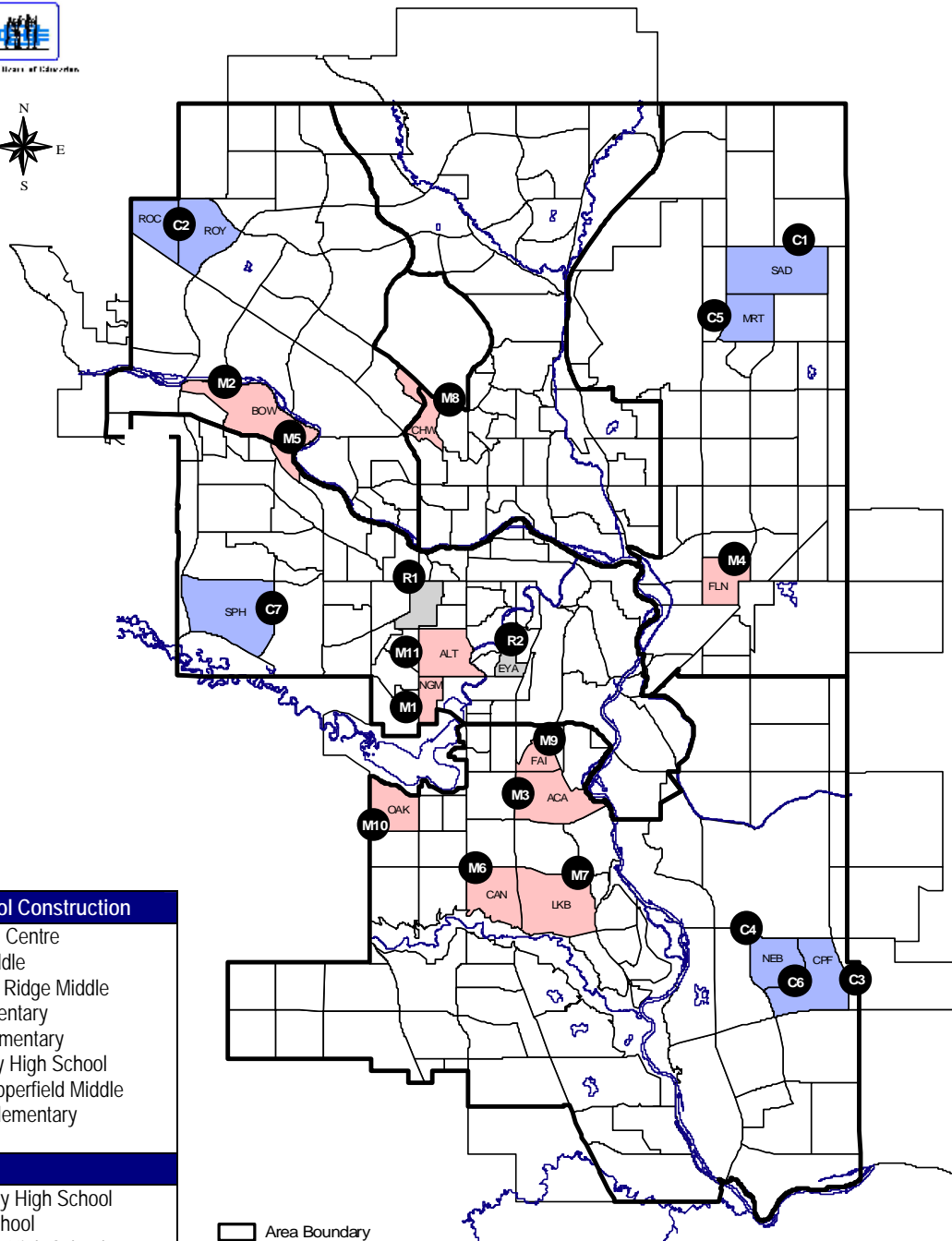
The following tables provide a summary of the new school construction and preservation/major projects recommended for funding over the next three years. Projects in each year are identified on **Maps 6, 7, and 8**.

School Capital Plan - 2011-2012, 2012-2013, 2013-2014

Table 1: New/Replacement School Construction			
Year 1: 2011-2012 School Capital Plan Priorities			
Priority Ranking – Project Description			
Community/School	Grade	Project Type	2009 Cost (\$)
R-1 Chinook Learning Services		Replacement/Relocation	7,000,000
C-1 Saddle Ridge Middle	Gr. 5-9	New School	28,400,000
C-2 Royal Oak/Rocky Ridge Middle	Gr. 5-9	New School	28,400,000
C-3 Copperfield Elementary	K-4	New School	15,000,000
C-4 New Brighton Elementary	K-4	New School	15,000,000
C-5 Northeast Calgary High	Gr. 10-12	New School	58,000,000
C-6 New Brighton/Copperfield Middle	Gr. 5-9	New School	28,400,000
C-7 Springbank Hill Elementary	K-4	New School	15,000,000
R-2 Elboya School	K-9	Replacement/Relocation	15,000,000
Year 1 Total			210,200,000
Year 2: 2012-2013 School Capital Plan Priorities			
R-3 Piitoayis Family School		Replacement/Relocation	15,000,000
C-8 Evanston Elementary	K-4	New School	15,000,000
C-9 McKenzie Towne Middle	Gr. 5-9	New School	28,400,000
C-10 Springbank Hill/Discovery Ridge Middle	Gr. 5-9	New School	28,400,000
C-11 Evergreen Middle	Gr. 5-9	New School	28,400,000
Year 2 Total			115,200,000
Year 3: 2013-2014 School Capital Plan Priorities			
C-12 Centennial High School	Gr. 10-12	Expansion	6,000,000
C-13 Kincora Elementary	K-4	New School	15,000,000
C-14 Tuscany Elementary ⁽²⁾	K-4	New School	15,000,000
C-15 West Springs/Cougar Ridge Middle	Gr. 5-9	New School	28,400,000
Year 3 Total			64,400,000

Table 2: School Preservation/Major Modernizations			
Year 1: 2011-2012 School Capital Plan			
Community/School	Grade	Project Type	2009 Cost (\$)
M-1 Lord Shaughnessy High School	Gr. 10-12	Major Modernization	6,000,000
M-2 Bowness High School	Gr. 10-12	Major Modernization	29,000,000
M-3 Lord Beaverbrook High School	Gr. 10-12	Major Modernization	29,000,000
M-4 Jack James High School	Gr. 10-12	Major Modernization	29,000,000
M-5 Thomas B. Riley School	Gr. 5-9	Major Modernization	14,000,000
M-6 Robert Warren School	Gr. 5-9	Major Modernization	4,500,000
M-7 Nickle School	Gr. 5-9	Major Modernization	14,000,000
M-8 Senator Patrick Burns School	Gr. 5-9	Major Modernization	14,000,000
M-9 Fairview School	Gr. 5-9	Major Modernization	14,000,000
M-10 Louis Riel School	K-9	Major Modernization	14,000,000
M-11 Altadore School	K-6	Major Modernization	14,000,000
Year 1 Total			181,500,000
Year 2: 2012-2013 School Capital Plan			
M-12 James Fowler High School	Gr. 10-12	Major Modernization	29,000,000
M-13 Ernest Morrow School	Gr. 7-9	Major Modernization	14,000,000
M-14 Sherwood School	Gr. 5-9	Major Modernization	14,000,000
M-15 Sir Wilfrid Laurier School	Gr. 5-9	Major Modernization	14,000,000
M-16 Dr. J.K. Mulloy School	K-6	Major Modernization	7,500,000
Year 2 Total			78,500,000
Year 3: 2013-2014 School Capital Plan			
M-17 Christine Meikle School	Unique	Major Modernization	7,500,000
M-18 A.E. Cross School	Gr. 7-9	Major Modernization	14,000,000
M-19 Sir John A. Macdonald School	Gr. 7-9	Major Modernization	14,000,000
M-20 Henry Wise Wood High School	Gr. 9-12	Major Modernization	29,000,000
M-21 Woodman School	Gr. 7-9	Major Modernization	14,000,000
Year 3 Total			78,500,000

2011-2012 - Major Capital Projects

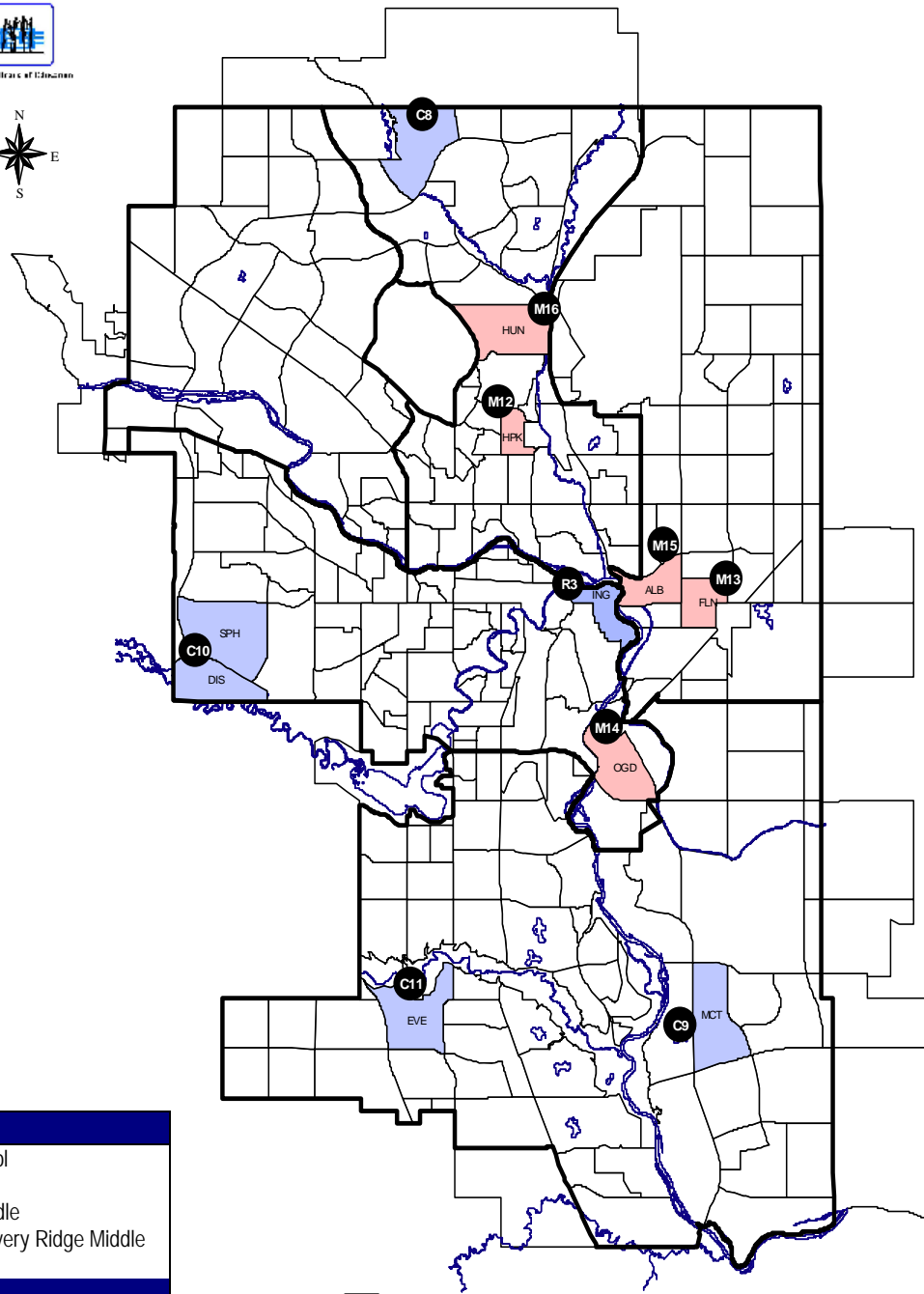


New/Replacement School Construction	
R1	Chinook Learning Centre
C1	Saddle Ridge Middle
C2	Royal Oak/Rocky Ridge Middle
C3	Copperfield Elementary
C4	New Brighton Elementary
C5	Northeast Calgary High School
C6	New Brighton/Copperfield Middle
C7	Springbank Hill Elementary
R2	Elboya School
School Modernization	
M1	Lord Shaughnessy High School
M2	Bowness High School
M3	Lord Beaverbrook High School
M4	Jack James High School
M5	Thomas B. Riley School
M6	Robert Warren School
M7	Nickle School
M8	Senator Patrick Burns School
M9	Fairview School
M10	Louis Riel School
M11	Altadore School

Area Boundary
 New School Construction
 School Modernizations
 Replacement School - Location To Be Determined

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2012-2013 - Major Capital Projects

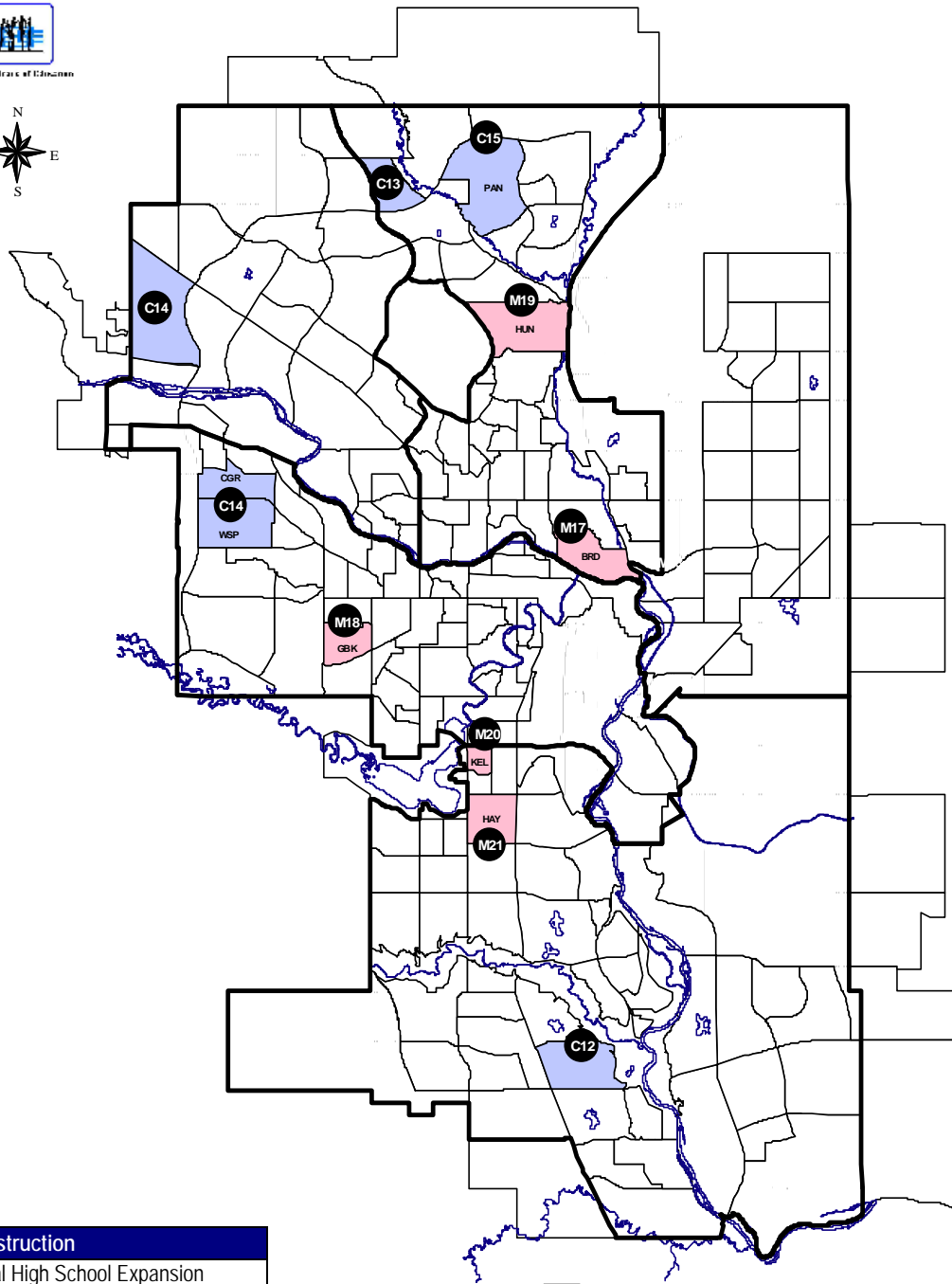


New School Construction	
R3	Piitoayis Family School
C8	Evanston Elementary
C9	McKenzie Towne Middle
C10	Springbank Hill/Discovery Ridge Middle
C11	Evergreen Middle
School Modernization	
M12	James Fowler High School
M13	Ernest Morrow School
M14	Sherwood School
M15	Sir Wilfrid Laurier School
M16	Dr. J.K. Mulloy School

Area Boundary
 New School Construction
 School Modernizations

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2013-2014 - Major Capital Projects



New School Construction	
C12	Centennial High School Expansion
C13	Kincora Elementary
C14	Tuscany Elementary ⁽²⁾
C15	West Springs/Cougar Ridge Middle
School Modernization	
M17	Christine Meikle School
M18	A.E. Cross School
M19	Sir John A. Macdonald School
M20	Henry Wise Wood High School
M21	Woodman School

Area Boundary
 New School Construction
 School Modernizations

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 January 2010
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5.0 2011-2012 SCHOOL CAPITAL PLAN

5.1 New/Replacement/Relocation Construction

Priority 1 - Chinook Learning Services (R-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 and small satellite sites (Lord Shaughnessy, Forest Lawn)
ESL	450	200	Tuxedo Park
LINC*	240	240	Four City locations
Continuing Education	12,000	Varies	More than 30 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 fees.
- A large proportion of students plan to, and a few already do, attend post-secondary institutions.

Adult ESL

- About 450 adult English-as-a-Second Language students are funded by Alberta Human Resources and Employment (AHRE) and another 240 are funded by Citizenship and Immigration.
- 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 30 locations across the City.

Priority 1 - Chinook Learning Services (R-1) (continued)

Current Status

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.

On June 3, 2008, the Calgary Board of Education's School Capital Plan - 2009-2012 included this project and the plan was referred to Alberta Education. The highest priority project approved in the Plan was the replacement school for Chinook Learning Services.

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.

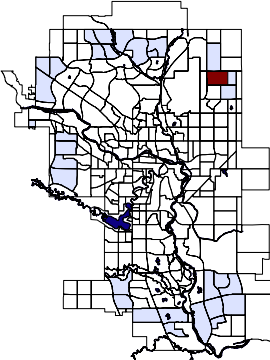
Recommended Replacement/Relocation

Chinook Learning Services needs to vacate its main campus at Viscount Bennett Centre as the 56-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.

Chinook students come from all five Areas of the City. It is therefore desirable to have a central location for Chinook Learning Services in order to best meet the needs of students. Other important considerations are:

- Location near a public transit C-Train route to enhance accessibility.
- Consolidation of Chinook programs at one site, for educational and administrative advantages.
- Use of a publicly-owned site, as purchase of new land would be cost prohibitive.
- Possible development with a post-secondary institution to meet Chinook's mandate to serve as a transition from high school and adult ESL training to the world of work and to secondary education.
- Consideration as a P3 to assist financing.

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 a 12,080 m² building and an option is being investigated by the CBE to renovate an existing school building to accommodate them. The estimated cost of a renovation is \$7 million.

2011-2012 SCHOOL CAPITAL PLAN	
5.1 New /Replacement Construction	
Priority 2 - Saddle Ridge Middle School (C-1)	
School Community Profile	
<ul style="list-style-type: none"> Saddle Ridge Community began development in 1960 and is situated in the Northeast sector of the City immediately west of 68 Street N.E. and north of the Martindale community. As of the April 2009 Census, the total number of occupied dwelling units in Saddle Ridge was 3,116 with a population of 12,255. The Saddle Ridge community is planned for an estimated 7,890 housing units with a population capacity of 21,900 to 24,200. The community had an average annual population growth of 1,822 persons during the past three-year period and has completed approximately 39% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> As of September 30, 2009, there were 544 Kindergarten to Grade 4 and 441 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. An elementary school (K-4) has been approved for Saddle Ridge to open in the 2010-2011 school year. 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 26 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 \$28.4 million (2009 prices), including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance. 	

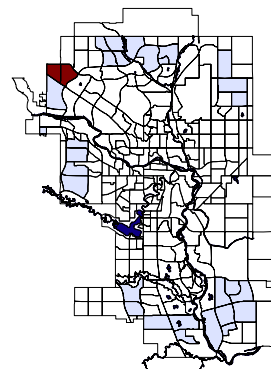
2011-2012 SCHOOL CAPITAL PLAN

5.1 New /Replacement Construction

Priority 3 - Royal Oak/Rocky Ridge Middle (C-2)

School Community Profile

- Royal Oak Community began development in 1996 and is situated in the northwest, north of Crowchild Trail N.W. and west of Stoney Trail N.W.
- As of the April 2009 Census, the total number of occupied dwelling units was 3,588 with a population of 10,423. 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 1,040 persons during the past three-year period and has completed approximately 94% of its development.
- Rocky Ridge Community began development in 1995 and is located in the northwest, north of Crowchild Trail and west of Rocky Ridge Road N.W.
- As of the April 2009 Census, the total number of occupied dwelling units was 2,651 with a population of 6,882. The community is planned for an estimated 3,160 housing units with a population capacity of 7,800 to 8,600.
- The community had an average annual population growth of 280 persons during the past three-year period and has completed approximately 84% of its development.



Enrolment Profile

- As of September 30, 2009, there were 394 Kindergarten to Grade 4 students and 337 Grades 5-9 students residing in the Royal Oak community who attended CBE schools.
- As of September 30, 2009, there were 271 Kindergarten to Grade 4 students and 186 Grades 5-9 students residing in the Rocky Ridge community who attended CBE schools.

Site Planning and Transportation

- There is one elementary site (the Royal Oak/Rocky Ridge school will be located on the south portion of the site and is scheduled to open for the 2010-2011 school year) and one middle school site in Royal Oak located on the north portion of the 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 29 minutes.

Recommendation

- 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 \$28.4 million (2009 prices), including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance.

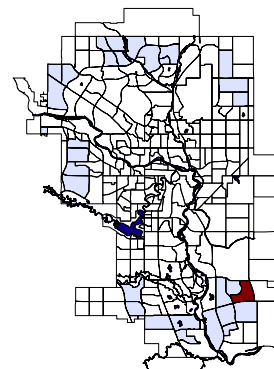
2011-2012 SCHOOL CAPITAL PLAN

5.1 New /Replacement Construction

Priority 4 - Copperfield Elementary (C-3)

School Community Profile

- The 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 S.E.
- As of the April 2009 Census, the total number of occupied dwelling units in Copperfield was 2,046 with a population of 5,609.
- The Copperfield community is planned for an estimated 4,400 housing units with a population capacity of 12,200 to 13,500.
- The community had an average annual population growth of 944 persons during the past three-year period and has completed approximately 47% of its development.



Enrolment Profile

- As of the April 2009 Census, there were 538 public pre-school-aged children.
- As of September 30, 2009, there were 213 Kindergarten to Grade 4 students residing in Copperfield who attended CBE schools.

Site Planning and Transportation

- 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 29 minutes.

Recommendation

- Construct a core elementary K-4 school for 400 students complete with space to support a relocatable addition for 200 students in eight units. The capacity of the school will be 600 and this will be the opening day capacity.
- The total project cost is budgeted at \$15 million (2009 prices).

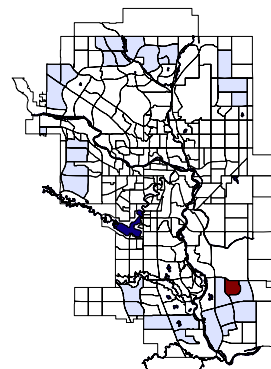
2011-2012 SCHOOL CAPITAL PLAN

5.1 New /Replacement Construction

Priority 5 - New Brighton Elementary School (C-4)

School Community Profile

- New Brighton began development in 2002 and is located in the Southeast sector of the City, immediately east of the McKenzie Towne, south of 130 Avenue S.E. and north of McIvor Boulevard S.E.
- As of the April 2009 Census, the total number of occupied dwelling units in New Brighton was 1,762 with a population of 5,142.
- The community is planned for an estimated 4,180 housing units with a population capacity of 12,200-13,500.
- The community had an average annual population growth of 1,121 persons during the past three-year period and has completed approximately 42% of its development.



Enrolment Profile

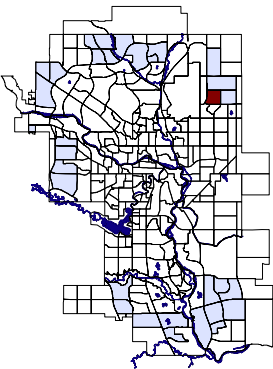
- As of the April 2009 Census, there were 487 public pre-school-aged children.
- As of September 30, 2009, there were 215 Kindergarten to Grade 4 students residing in New Brighton who attended CBE schools.

Site Planning and Transportation

- 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 33 minutes.

Recommendation

- Construct a core elementary K-4 school for 400 students complete with space to support a relocatable addition for 200 students in eight units. The capacity of the school will be 600 and this will be the opening day capacity.
- The total project cost is budgeted at \$15.0 million (2009 prices).

2011-2012 SCHOOL CAPITAL PLAN	
5.1 New /Replacement Construction	
Priority 6 - Northeast Calgary High School (C-5)	
School Community Profile	
<ul style="list-style-type: none"> The Northeast High School may to serve the residents of the developing and established communities north of McKnight Boulevard N.E. 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 half 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 135% and a utilization rate by enrolment of 83%. Forest Lawn has a utilization rate by enrolment of 77%. Jack James has a net capacity of 885 student spaces for a utilization rate by enrolment of 87%. A large number of students are in the Knowledge and Employability classes. Lester B. Pearson has a provincial capacity of 1,715 student spaces and a utilization rate by enrolment of 90% 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. Crescent Heights and James Fowler are located in Area II and accommodate additional demand for students from Area III. There are 1,010 students from the northeast communities of Castleridge, Coral Springs, Falconridge, Martindale, Monterey Park, and Taradale that attend James Fowler High School. An additional 195 students from Saddle Ridge attend Crescent Heights High School. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> Several communities in the northeast are bussed to Area II schools. 	
Recommendation	
<ul style="list-style-type: none"> Construct a senior high school for 1,800 Grades 10-12 students. The total project cost is budgeted at \$58 million (2009 prices); including the CTS space allowance and an allowance for CTS equipment in the amount of \$1 million. 	

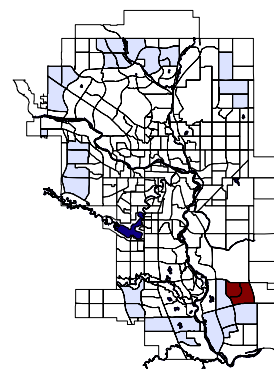
2011-2012 SCHOOL CAPITAL PLAN

5.1 New /Replacement Construction

Priority 7 - New Brighton/Copperfield Middle School (C-6)

School Community Profile

- New Brighton Community began development in 2002 and is situated in the southwest, north of McIvor Boulevard S.E., south of 130 Avenue and east of 52 Street S.E.
- As of the April 2009 Census, the total number of occupied dwelling units was 1,762 with a population of 5,142. The community is planned for an estimated 4,180 housing units with a population capacity of 12,200 to 13,500.
- The community had an average annual population growth of 1,121 persons during the past three-year period and has completed approximately 42% of its development.
- Copperfield Community began development in 2002 and is located in the southwest, north of Marquis of Lorne TR S.E. and south of 130 Avenue S.W.
- As of the April 2009 Census, the total number of occupied dwelling units was 2,046 with a population of 5,609. The community is planned for an estimated 4,400 housing units with a population capacity of 12,200 to 13,500.
- The community had an average annual population growth of 944 persons during the past three-year period and has completed approximately 47% of its development.



Enrolment Profile

- As of September 30, 2009, there were 215 Kindergarten to Grade 4 students and 137 Grades 5-9 students residing in the New Brighton community who attended CBE schools.
- As of September 30, 2009, there were 213 Kindergarten to Grade 4 students and 189 Grades 5-9 students residing in the Copperfield community who attended CBE schools.

Site Planning and Transportation

- 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 bussed to David Thompson School, which is located in the Acadia community in Area V. Median travel time to David Thompson is 32 minutes. Copperfield middle school students are bussed to R.T. Alderman School, which is located in the Willow Park community. Median travel time to R.T. Alderman is 26 minutes.

Recommendation

- 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 \$28.4 million (2009 prices), including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance.

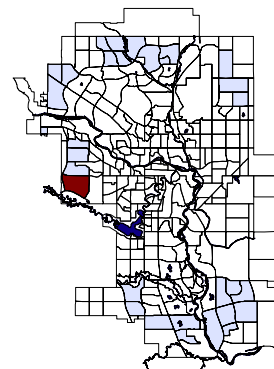
2011-2012 SCHOOL CAPITAL PLAN

5.1 New /Replacement Construction

Priority 8 – Springbank Hill Elementary School (C-7)

School Community Profile

- Springbank Hill began development in 1997 and is located in the West sector of the City, south of Aspen Woods, west of 69 Street S.W., north of Glenmore Trail and east of the City Limits.
- As of the April 2009 Census, the total number of occupied dwelling units in Springbank Hill was 2,646 with a population of 7,875.
- The community is planned for an estimated 4,870 housing units with a population capacity of 13,000 to 14,400.
- The community had an average annual population growth of 934 persons during the past three-year period and has completed approximately 54% of its development.



Enrolment Profile

- As of the April 2009 Census, there were 481 public pre-school-aged children.
- As of September 30, 2009, there were 264 Kindergarten to Grade 4 students residing in Springbank Hill who attended CBE schools.

Site Planning and Transportation

- There is one elementary site, one middle site and one senior high site in Springbank Hill.
- Springbank Hill students are currently accommodated in Battalion Park School located in the Signal Hill community in Area IV.

Recommendation

- Construct a core elementary K-4 school for 400 students complete with space to support a relocatable addition for 200 students in eight units. The capacity of the school will be 600 and this will be the opening day capacity.
- The total project cost is budgeted at \$15 million (2009 prices).

2011-2012 SCHOOL CAPITAL PLAN
5.2 New/Replacement/Relocation Construction
Priority 9 – Elboya School (R-2)
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> <p>Regular Program – Kindergarten to Grade 6</p> <p>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.</p> <p>Regular Program – Grades 7-9</p> <p>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.</p> <p>French Immersion</p> <p>Elboya School accommodates the Grades 7-9 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.</p> <p>GATE</p> <p>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> <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 a Grades 4-9 GATE program 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. Based on the 2005 Facility Re-Evaluation report, the electrical, mechanical systems and building envelope are in marginal condition. 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>

Priority 9 – Elboya School (R-2) – continued
New /Replacement Construction
<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 \$7.6 million (2009 prices).</p> <p>This school is an ideal candidate for a replacement school, which could be built on the site. The old school could be demolished when the new school is built. This would save the time and expense of phased construction in an occupied school. 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 \$15 million (2009 prices).</p>

2011-2012 SCHOOL CAPITAL PLAN	
5.2 School Preservation/Major Modernization	
Priority 1 – Lord Shaughnessy High School (M-1)	
Facility Description	
<p>Lord Shaughnessy High School is located in the southwest community of North Glenmore Park in Area IV. The original building was constructed in 1966 with additions constructed in 1975 and 1983. The two-storey structure (complete with basement area) is constructed on slab with masonry and pre-cast concrete. The roof is steel framed. Exterior finishes consist of brick, stucco, and elongated windows.</p> <p>The gross building area is 9,897 m² and has 40 classrooms consisting of 31 Regular classrooms, 8 CTS rooms, and 1 Computer Lab. Perimeter classrooms have minimal natural lighting, while many internal classrooms have no access to natural light. Most classrooms range in size from smaller to larger than current standards (2009).</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 needs updating (re-surface paved areas, etc.) • Interior needs updating (replace millwork and whiteboards, provide both a handicap elevator and washroom features, etc.). <p>The audit noted that the mechanical was in good working condition, but was due for upgrading (35 years old and past lifecycle). Electrical was noted in fair to good condition requiring upgrading to meet current codes, as well as additional lighting.</p>	
Modernization	
<p>The proposed project will modernize the related spaces and enhance the teaching environment. The modernization will include upgrading the mechanical and electrical equipment. The scope will also include replacement of worn architectural elements (finishes and/or fixtures), select program space renovation, hazardous material abatement, and building code upgrades. The total project cost is estimated to be \$6 million (2009 prices).</p>	

2011-2012 SCHOOL CAPITAL PLAN
5.2 School Preservation/Major Modernization
Priority 2 – Bowness High School (M-2)
Current and Future Student Accommodation Plan
<p>Bowness High School is located in northwest Calgary in the community of Bowness, which is an established community. The long-term student accommodation plan for Bowness High School is to consider programming for junior and senior high students residing in the northwest quadrant of 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> <p>Regular Program</p> <p>Bowness High School currently accommodates the Regular program for Grades 10-12 students living in Bowness, Montgomery, and Greenwood/Greenbriar. Students residing in the adjacent communities of Crestmont, Silver Springs, and Valley Ridge, are designated to Bowness High School. Students residing in Arbour Lake, Rocky Ridge, Royal Oak, Scenic Acres, and Tuscany, are also designated to Bowness High School until the new high school in Arbour Lake opens. When the new high school opens, which is scheduled for the 2013-2014 school year, the enrolment at Bowness High School will decline significantly.</p> <p>National Sports Development (NSD) Alternative Program</p> <p>Bowness High School currently accommodates the National Sports Development alternative program for Grades 10-12 students.</p>
Facility Description
<p>The original two-storey school was built in 1955 with a wood-frame structure and stucco exterior. Major additions were completed in 1959 and 1964 and minor additions were completed in 1972 and 1986. The additions were built in concrete and steel construction with masonry cladding. In 2003, a barrier-free renovation was undertaken.</p> <p>The total area of the building is 16,580 m² consisting of 57 classrooms for instruction. A number of classrooms are internal and do not have access to natural light. Major portions of the wood-frame facility are nearing the end of their useful life. The concrete structure is of concern and considerable work is required on the building envelope, as well as the interior.</p> <p>In 2005, Alberta Infrastructure evaluated the school through RECAPP, rating the overall condition of the facility as being in acceptable-to-marginal condition. The evaluation made the following recommendations: both the mechanical, electrical, and exterior components require extensive upgrading to many of their different physical components.</p>
Modernization
<p>The modernization project identified will remove the original wood-frame building structure and fully modernize the remaining building infrastructure to meet current educational specifications. The modernization will include a full upgrade of both electrical systems (new distribution system, fire alarm upgrades, lighting replacement) and mechanical systems (new boiler and ventilation systems). All finishes (flooring, ceilings, and painting) and millwork will be upgraded or replaced.</p> <p>Envelope upgrades to include roof, window, and door replacement. Barrier-free access to be provided to the upper floor. Site work includes new fencing and asphalt surfaces. Some grading is required to improve drainage. The modernized facility will be designed for a capacity of approximately 1,500 student spaces. The total project cost is budgeted at \$29 million (2009 prices).</p>

2011-2012 SCHOOL CAPITAL PLAN	
5.2 School Preservation/Major Modernizations	
Priority 3 – Lord Beaverbrook High School (M-3)	
Facility Description	
	<p>Lord Beaverbrook High School is located in the southeast community of Acadia in Area V. The original building was constructed in 1966, with two additions constructed in 1979 and 1985. The three-storey structure sits on a concrete slab comprised of pre-cast concrete and steel-framed roofing. The exterior finish consists of brick (lower) and stucco (upper) with elongated windows.</p> <p>The gross building area is 27,507 m² and has a 100 classrooms consisting of 74 Regular rooms, 21 CTS rooms and 5 Computer Labs. Perimeter classrooms have good natural lighting, while a large number of internal classrooms have no access to natural light, thus requiring additional lighting to meet adequate levels. Most classrooms are smaller than current (2009) standards.</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"> • Re-top paved surfaces • Re-do flashing seals • Replace plywood partitions with drywall in basement area • Provide rated doors in hallways • Revise exiting at second floor of gym • Update 30+-year-old hot water heating system • Incorporate more lighting. <p>Recent major upgrades completed over the past five years included roof upgrades, interior painting, and locker replacements.</p>
Modernization	
	<p>The proposed project will modernize the related spaces and enhance the teaching environment. The modernization 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 \$29 million (2009 prices).</p>

2011-2012 SCHOOL CAPITAL PLAN	
5.2 School Preservation/Major Modernization	
Priority 4 – Jack James High School (M-4)	
Facility Description	
	<p>Jack James High School is located in the southeast community of Forest Heights in Area III. The original building was constructed in 1980 with minor renovations conducted in 1985. The two-storey structure (complete with basement area) is constructed on concrete slab with the super-structure comprised of pre-cast concrete, masonry, and steel. The roof is steel framed. Exterior finishes consist of brick and horizontal windows. The gross building area is 10,118 m² and has 37 classrooms consisting of 17 Regular classrooms, 18 CTS rooms and 2 Computer Labs. Perimeter classrooms have access to natural lighting, while many internal classrooms have no access to natural light. Most main floor classrooms are larger than the standard (2009), while most second-floor classrooms are smaller than standard (2009).</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"> • Re-caulk of exterior windows • Address handicap access needs • Replace carpets • Repaint and repairs to fireproofing in CTS wing • Millwork to horticultural area • New washroom partitions. • Mechanical noted CO systems should be replaced in automotive wing, as well as additional exhausts in science rooms and shops. • Electrical noted more electrical panels in shops and general lighting upgrades are required. <p>Recent major upgrades completed in the past five years included locker replacements.</p>
Modernization	
	<p>The proposed project will modernize the related spaces and enhance the teaching environment. The modernization will include upgrading the mechanical and electrical equipment. The scope will also include replacement of worn architectural elements (finishes and/or fixtures) and select program space renovation, hazardous material abatement, and building code upgrades. The total project cost is estimated to be \$29 million (2009 prices).</p>

2011-2012 SCHOOL CAPITAL PLAN
5.2 School Preservation/Major Modernization
Priority 5 – Thomas B. Riley School (M-5)
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> <p>Regular Program</p> <p>Thomas B. Riley School currently accommodates the Regular program for Grades 7-9 students living in Bowness and Greenwood/Greenbriar. Students residing in the adjacent communities of Valley Ridge and Crestmont are also designated to Thomas B. Riley School for Grades 7-9.</p> <p>System Special Education</p> <p>Thomas B. Riley School accommodates Paced Learning and Adapted Learning classes.</p> <p>German Bilingual Program</p> <p>Thomas B. Riley School is the designated school for junior high students for the German bilingual program residing in the CBE boundary.</p> <p>Traditional Learning Centre (TLC) Alternative Program</p> <p>Thomas B. Riley School and Brentwood School are the designated schools for the Traditional Learning Centre (TLC) alternative program for Kindergarten to Grade 9 students residing in Area I. Brentwood School will accommodate K-4 students and Grades 5-9 students will be accommodated at Thomas B. Riley School, effective September 2010.</p> <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>
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 \$14 million (2009 prices).</p>

2011-2012 SCHOOL CAPITAL PLAN
5.2 School Preservation/Major Modernization
Priority 6 – Robert Warren School (M-6)
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> <p>Regular Program</p> <p>Robert Warren School currently accommodates the Regular program for Grades 6-9 students living in Canyon Meadows and Grade 9 students living in Shawnessy. For the 2010-2011 school year, Grades 7-9 students residing in the community of Canyon Meadows will be designated to Robert Warren School for the Regular program.</p> <p>Spanish Bilingual Program</p> <p>Robert Warren School currently accommodates Grades 5-8 students for the Spanish Bilingual alternative program for students residing in Area V. The Spanish Bilingual program will expand to Grade 9 for the 2010-2011 school year.</p> <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 out-dated units. The total area of the building is 4,711 m² consisting of 24 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 located units. The library was expanded and school safety modifications were additionally incorporated. The administration area was also included in the first phase and was completed in the fall of 2009.</p>

Priority 6 – Robert Warren School (M-6) - continued
Current and Future Student Accommodation Plan
<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 \$4.5 million (2009 prices).</p>

2011-2012 SCHOOL CAPITAL PLAN
5.2 School Preservation/Major Modernization
Priority 7 – Nickle School (M-7)
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> <p>Regular Program</p> <p>Nickle School currently accommodates the Regular program for Grades 5-9 students living in Bonavista Downs and Lake Bonavista. Students residing in the new and developing communities of Auburn Bay and Cranston are also currently designated to Nickle School for Grades 5-9.</p> <p>System Special Education</p> <p>Nickle School currently accommodates Paced Learning, Bridges and Learning and Literacy classes.</p> <p>The long-term student accommodation plan for Nickle School is to accommodate students from their home area and to continue to accommodate 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 30 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.
Modernization
<p>A scope for modernization improvements is required due to the age and condition of the building components. The modernization would replace some of mechanical systems and damaged lockers, upgrade electrical system, finishes and millwork, reconfigure internal spaces, and renovate washrooms. The addition of mechanical control system and start/stop automation is recommended. Barrier-free accessibility and exiting would be addressed as well. A handicap elevator would be installed at the cost of \$600,000. 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 \$14 million (2009 prices).</p>

2011-2012 SCHOOL CAPITAL PLAN

5.2 School Preservation/Major Modernization

Priority 8 – Senator Patrick Burns School (M-8)

Current and Future Student Accommodation Plan

Senator Patrick Burns School is located in northwest Calgary in the community of Collingwood, which is an established community.

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). Grade 9 students residing in The Hamptons are also designated to Senator Patrick Burns School for the 2009-2010 school year. Students residing in The Hamptons will no longer be designated to Senator Patrick Burns School after June 30, 2010, for the Regular program.

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, II, III, and IV. Grade 9 students residing in Area V are also designated to Senator Patrick Burns School for the 2009-2010 school year.

National Sport Academy (NSA)

Senator Patrick Burns School currently accommodates the National Sport Academy alternative program.

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 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.

Facility Description

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 34 classrooms for instruction. The classrooms are slightly smaller than the current standard and have moderate access to natural light.

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:

- Interior spaces need upgrading (all components)
- Exterior façade requires upgrading (windows, doors, siding)
- Electrical systems in general require upgrading (exit signs, panels, transformer, etc.).

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. In 2009, a roof replacement and door upgrades were in progress and will be completed the summer of 2010.

Priority 8 – Senator Patrick Burns School (M-8) – <i>continued</i>
Modernization
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 \$14 million (2009 prices).

2011-2012 SCHOOL CAPITAL PLAN

5.2 School Preservation/Major Modernization

Priority 9 – Fairview School (M-9)

Current and Future Student Accommodation Plan

Fairview School is located in southeast Calgary in the community of Fairview, which is an established suburb close to the inner city.

Regular Program

The Regular program at Fairview School will close on June 30, 2010.

National Sport Academy (NSA)

Fairview School currently accommodates the National Sport Academy alternative program which will be relocated for the upcoming school year.

French Immersion Program

Fairview School currently accommodates French Immersion students for Grades 6-9 residing west of Macleod Trail in Area V. Due to enrolment pressure at Sam Livingston School, Grade 5 students will also be designated to Fairview School, effective for the 2010-2011 school year.

Traditional Learning Centre (TLC)

Fairview School currently accommodates the Traditional Learning Centre alternative program for Grades 5-8 students residing in Area V.

The long-term student accommodation plan for Fairview School is to accommodate French Immersion students and students for the Traditional Learning Centre. 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.

Facility Description

The two-storey building was originally constructed in 1957 and two separate additions were built in 1967. The structure consists of a combination of concrete, masonry block, steel and wood-frame construction.

The total area of the building is 9,599 m² consisting of 41 classrooms for instruction. Most of the classrooms are smaller than current standards and all have good natural lighting. The building additions have resulted in awkward student circulation patterns on several levels. The interior work requires barrier-free access to each level of the building. A preservation project was undertaken to upgrade lighting, the roof top, storm drain, and to retile auxiliary gym in 2006-2007.

In 2004, 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:

- Interior and exterior spaces need upgrading (all components)
- Mechanical systems requires upgrading (hot water tanks, furnaces, boilers, exhaust fans, etc.)
- Electrical systems require upgrading (motor controls, light fixtures, alarm systems, etc.).

Priority 9 – Fairview School (M-9) - (continued)
Modernization
<p>The scope for modernization improvements is based on the 2004 Facility Re-Evaluation report, which indicates the need for major building envelope and mechanical upgrades. The building envelope upgrades would include replacing the curtain wall assembly, exterior doors, and clerestory windows. Mechanical upgrades would include replacing the hot-water tanks, boilers, furnaces, air handling units, under-slab duct system, exhaust fans, and unit ventilators. Electrical upgrades would include replacing old motor controls and fire alarm systems and upgrading all lighting fixtures and emergency lighting equipment and systems. Old interior finishes would be upgraded. The total project cost is estimated to be \$14 million (2009 prices).</p>

2011-2012 SCHOOL CAPITAL PLAN

5.2 School Preservation/Major Modernization

Priority 10 – Louis Riel School (M-10)

Current and Future Student Accommodation Plan

Louis Riel School is located in southeast Calgary in the community of Oakridge, which is an established community.

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 students living on the reserve (Tsuu T'ina Nation).

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 Special Education

Louis Riel School accommodates Learning and Literacy classes.

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.

Facility Description

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.

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:

- 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.).

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.

Priority 10 – Louis Riel School (M-10) - <i>continued</i>
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. As noted in the evaluation, the roof needs to be replaced. 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 \$14 million (2009 prices).</p>

2011-2012 SCHOOL CAPITAL PLAN
5.2 School Preservation/Major Modernization
Priority 11 – Altadore School (M-11)
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> <p>Regular Program</p> <p>Altadore School currently accommodates the Regular program for Kindergarten to Grade 6 students living in Altadore which includes Garrison Woods.</p> <p>System Special Education</p> <p>Altadore School accommodates Social Knowledge, Independent Living and Language (SKILL) classes.</p> <p>The long-term student accommodation plan for Altadore School is to accommodate students from Altadore (including Garrison Woods). Garrison Woods is part of the Canada Lands redevelopment of the old Canadian Forces Base (CFB). This 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> <p>In 2005, 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 spaces need upgrading (ceiling tiles, washroom tiles, millwork, barrier-free accessibility items, etc.) • School parking lots require upgrading (parking lot surfaces) • Mechanical systems require upgrading (hot water tanks, boiler, ventilators, etc.).
Modernization
<p>A scope for modernization improvements is based on the 2005 Facility Re-Evaluation report. 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 \$14 million (2009 prices).</p>

6.0	2012-2013 SCHOOL CAPITAL PLAN
6.1 New/Replacement/Relocation Construction	
Piitoayis Family School (R-3)	
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>Piitoayis Family School, currently located at Colonel Walker School, offers elementary programming. 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 increase the enrolment at the Piitoayis Family School and 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 occupied this building since 2005 and it is anticipated they will remain in this location until a school is modernized to be a replacement school.</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 \$15 million (2009 prices). A more detailed estimate can be provided once a final school has been determined.</p>	

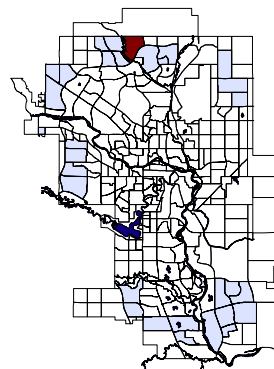
2012-2013 SCHOOL CAPITAL PLAN

6.1 New School Construction

Evanston Elementary School (C-8)

School Community Profile

- The 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.
- As of the April 2009 Census, the total number of occupied dwelling units was 1,476 with a population of 4,599.
- The community is planned for an estimated 6,980 housing units with a population capacity of 18,400 to 20,300.
- The community has had an average annual population growth of 650 persons during the past three-year period and has completed approximately 21% of its development.



Enrolment Profile

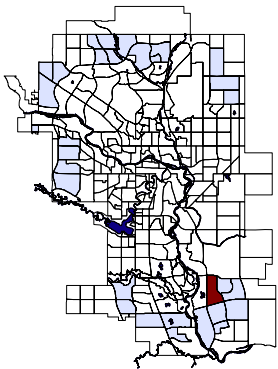
- As of the April 2009 Census, there were 493 public pre-school-aged children in Evanston.
- As of September 30, 2009, there were 186 Kindergarten to Grade 4 students residing in the Evanston community that attended CBE schools.

Site Planning and Transportation

- 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 30 minutes.

Recommendation

- Construct a core elementary K-4 school for 400 students complete with space to support a relocatable addition for 200 students in eight units. The capacity of the school will be 600 and this will be the opening day capacity.
- The total project cost is budgeted at \$15 million (2009 prices).

2012-2013 SCHOOL CAPITAL PLAN	
6.1 New School Construction	
McKenzie Towne Middle School (C-9)	
School Community Profile	
<ul style="list-style-type: none"> • McKenzie Towne Community began development in 1995 and is located north of Marquis of Lorne Trail between Deerfoot Trail and 52 Street S.E. • As of the April 2009 Census, the total number of occupied dwelling units was 5,574 with a population of 14,068. • The community is planned for an estimated 7,190 housing units with a population capacity of 16,600 to 18,400. • The community had an average annual population growth of 1,325 persons during the past three-year period and has completed approximately 78% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> • As of September 30, 2009, there were 435 Kindergarten to Grade 4 and 346 Grades 5-9 students residing in the McKenzie Towne community who attended CBE schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> • There is one elementary site and one middle school site in McKenzie Towne. An elementary school (K-4) opened January 2010. • 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 \$28.4 million (2009 prices), including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance. 	

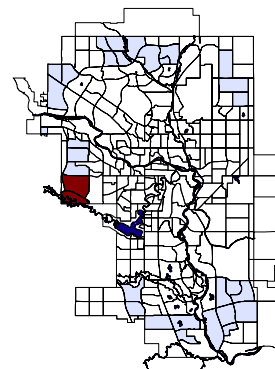
2012-2013 SCHOOL CAPITAL PLAN

6.1 New School Construction

Springbank Hill/Discovery Ridge Middle (C-10)

School Community Profile

- Springbank Hill Community began development in 1997 and is situated north of the Discovery Ridge community at Glenmore Trail S.W., east of the City Limits, south of 17 Avenue S.W., and immediately west of the City Limits.
- As of the April 2009 Census, the total number of occupied dwelling units was 2,646 with a population of 7,875. The community is planned for an estimated 4,870 housing units with a population capacity of 13,000 to 14,400.
- The community had an average annual population growth of 934 persons during the past three-year period and has completed approximately 54% of its development.
- Discovery Ridge Community began development in 2000 and is located in the West sector of the City, north of the City Limits at 50 Avenue S.W., west of the City Limits at 101 Street S.W. and south of Glenmore Trail S.W.
- As of the April 2009 Census, the total number of occupied dwelling units was 1,586 with a population of 4,286. 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 394 persons during the past three-year period and has completed approximately 85% of its development.



Enrolment Profile

- As of September 30, 2009, there were 264 Kindergarten to Grade 4 students and 213 Grades 5-9 students residing in the Springbank Hill community who attended CBE schools.
- As of September 30, 2009, there were 178 Kindergarten to Grade 4 students and 143 Grades 5-9 students residing in the Discovery Ridge community who attended CBE schools.

Site Planning and Transportation

- There is one elementary site, one middle site, and one senior high 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 24 minutes.

Springbank Hill/Discovery Ridge Middle (C-10) - continued
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 \$28.4 million (2009 prices), including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance.

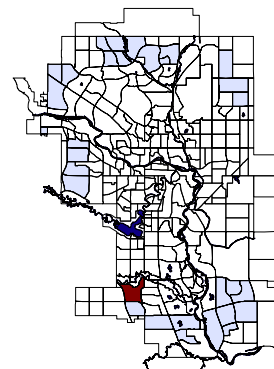
2012-2013 SCHOOL CAPITAL PLAN

6.1 New School Construction

Evergreen Middle (C-11)

School Community Profile

- Evergreen Community began development in 1990 and is situated approximately 3 kilometres west of Macleod Trail South between 146 Avenue S.W. and 162 Avenue S.W.
- As of the April 2009 Census, the total number of occupied dwelling units was 6,251 with a population of 18,148.
- The community is planned for an estimated 7,470 housing units with a population capacity of 19,800 to 21,900.
- The community had an average annual population growth of 2,224 persons during the past three-year period and has completed approximately 84% of its development.



Enrolment Profile

- As of September 30, 2009, there were 451 Kindergarten to Grade 4 and 533 Grades 5-9 students residing in the Evergreen community (includes Evergreen Estates) who attended CBE schools.

Site Planning and Transportation

- There are two elementary sites and one middle school site in Evergreen. An elementary school (K-4) has been approved for Evergreen to open in the 2010-2011 school year.
- Evergreen junior high students are currently bussed to Woodman School, which is located in the Haysboro community in Area V. Median travel time to Woodman School is 22 minutes.
- Evergreen Estates junior high students are currently bussed to Harold Panabaker School, which is located in the Southwood community in Area V. Median travel time to Harold Panabaker School is 22 minutes.

Recommendation

- 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 \$28.4 million (2009 prices), including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance.

2012-2013 SCHOOL CAPITAL PLAN

6.2 School Preservation/Major Modernization

James Fowler High School (M-12)

Facility Description

James Fowler High School is located in the northwest community of Highland Park in Area II. The original building was constructed in 1962 with additions constructed in 1979 (library) and 1998 (handicap elevator). Smaller renovations have included upgrading the office and main entry foyer, as well as individual classrooms being upgraded into computer labs. The three-storey structure is constructed on slab with pre-cast concrete panels and structural T's forming the fascia band. The roof is flat set on pre-cast concrete T's. Exterior finishes include brick, painted panels, and elongated windows.

The gross building area is 24,159 m² and has 78 classrooms consisting of 54 Regular classrooms, 18 CTS rooms, and 6 Computer Labs. The provincial capacity is calculated at 1,980. Several perimeter classrooms have minimal natural lighting, while many internal classrooms have no access to natural light. Many classrooms differ in size (either above or below the standard 80 m²) compared to current standards (2009).

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:

- Exterior requires upgrading (curtain wall windows, expansion joints, etc.)
- Site envelope requires upgrading (paved surfaces require resurfacing, approach stair should be replaced)
- Interior requires upgrading (repairs to the floor slab in the science wing , new ceiling is required in the gymnasium, toilet partitions, door hardware, barrier-free items, etc.)
- Mechanical needs require upgrading (ventilation systems, hot water heaters, fire dampers, fire extinguishers, etc.).

The most recent major upgrades completed in the past five years were the main gym ceiling and the emergency lighting system.

Modernization

The proposed project will modernize classroom and related spaces and enhance the teaching environment. The modernization will replace 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 \$29 million (2009 prices).

2012-2013 SCHOOL CAPITAL PLAN
6.2 School Preservation/Major Modernization
Ernest Morrow School (M-13)
Current and Future Student Accommodation Plan
<p>Ernest Morrow School is located in northeast Calgary in the community of Forest Lawn, which is an established community.</p> <p>Regular Program</p> <p>Ernest Morrow School currently accommodates the Regular program for Grades 7-9 students living in Applewood Park, Forest Lawn, Forest Heights, Penbrooke Meadows, and Red Carpet Mobile Home Park. Ernest Morrow School also offers aboriginal programming for students in Grades 7-9.</p> <p>System Special Education</p> <p>Ernest Morrow School accommodates Paced Learning classes and Learning and Literacy classes for Area III students.</p> <p>The long-term student accommodation plan for Ernest Morrow School is to accommodate students from their home area. 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 school was constructed in 1963 and 1966 as two separate buildings and a linking structure between the two buildings was built in 1976 to connect the buildings. In 1982, renovations were conducted to the original building.</p> <p>The total area of the building is 8,120 m² consisting of 35 classrooms for instruction. Most of the classrooms are smaller than the current standard and all have moderate 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:</p> <ul style="list-style-type: none"> • Interior spaces require upgrading (painting, barrier-free accessibility features, etc.) • Mechanical systems require upgrading (pneumatic controls, HVAC equipment, etc.) • Electrical systems require upgrading (panels, motor starters, emergency lighting, etc.). <p>A preservation project provided barrier-free access and installed lockers in 2005-2006. In 2006-2007, another project was undertaken to retile the library ceiling, upgrade lockers, as well as asphalt the parking lot. The metal cladding of the exterior façade is in the process of being upgraded.</p>

Ernest Morrow School (M-13) - <i>continued</i>
Modernization
<p>Ernest Morrow School requires window replacements to decrease air infiltration and improve energy efficiency. Washroom fixtures should be replaced with water-saving devices. Certain spaces need renovation, such as the server room, drama room, locker rooms, and counseling offices. The school needs an improved science lab, a relocation of the physical education shower room, and improved sightlines from the main office. The gymnasium acoustic ceiling is failing and should be replaced.</p> <p>The mechanical system should be overhauled by replacing the boilers for the building and the steam radiators in the 1963 west wing. Ventilation improvements are also needed in the computer lab and main office. The electrical system must also be upgraded, by providing additional electricity supply, dedicated circuits, and upgrading the fire alarm system. Improvements to the lighting throughout the school are required. Landscaping should be upgraded. The cost estimate for this modernization is \$14 million (2009 prices).</p>

2012-2013 SCHOOL CAPITAL PLAN
6.2 School Preservation/Major Modernization
Sherwood School (M-14)
Current and Future Student Accommodation Plan
<p>Sherwood School is located in southeast Calgary in the community of Ogden, which is an established community close to the inner city.</p> <p>Regular Program</p> <p>Sherwood School currently accommodates the Regular program for Grades 5-9 students living in Ogden and Grades 7-9 students residing in Riverbend. Sherwood School has recently been designated as the bus receiver school for the new and developing community of Mahogany which is located in Area V.</p> <p>System Special Education</p> <p>Sherwood School accommodates Paced Learning classes for Area IV and Area V students.</p> <p>The long-term student accommodation plan for Sherwood School is to accommodate students from their home area and to continue to accommodate students residing in new and developing community of Mahogany. 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 constructed in 1956 and three additions were completed in 1959, 1966, and 1980. The school was renovated during the 1980 addition and barrier-free washroom stalls were provided; however, the remainder of the school requires barrier-free renovations.</p> <p>The total area of the building is 8,205 m² consisting of 32 classrooms for instruction. The classrooms have a range of sizes and have good natural light.</p> <p>In 2005, 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"> • Envelope requires steps and sidewalk repairs • Roof requires replacement • Exterior requires upgrades (doors, seals, stucco, windows, hardware, etc.) • Interior spaces require upgrading (painting, barrier-free accessibility, millwork, etc.) • Mechanical systems require upgrading (hot water tanks, boilers, roof top units, etc.) • Electrical systems require upgrading (panels, fire alarms, lighting, etc.). <p>A preservation project was undertaken in 2006-2007 to upgrade lockers and communication system. Roof replacement is in progress.</p>
Modernization
<p>The project proposed will fully modernize the facility and enhance the teaching spaces. It includes an upgrade of 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, locker and millwork replacement are also part of the modernization. Estimate also includes funds for CTS equipment allowance and for phasing in the project in an occupied building. The total project cost is estimated to be \$14 million (2009 prices).</p>

2012-2013 SCHOOL CAPITAL PLAN
6.2 School Preservation/Major Modernization
Sir Wilfrid Laurier School (M-15)
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> <p>Regular Program</p> <p>Sir Wilfrid Laurier School currently accommodates the Regular program for Grades 7-9 students living in Albert Park/Radisson Heights and part of Forest Heights.</p> <p>System Special Education</p> <p>Sir Wilfrid Laurier School accommodates Learning and Literacy classes for Area III students.</p> <p>Traditional Learning Centre (TLC) Alternative Program</p> <p>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> <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 22 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.).

Sir Wilfrid Laurier School (M-15) - continued
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 \$14 million (2009 prices).</p>

2012-2013 SCHOOL CAPITAL PLAN
6.2 School Preservation/Major Modernization
Dr. J. K. Mulloy School (M-16)
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> <p>Regular Program</p> <p>Dr. J.K. Mulloy School currently accommodates the Regular program for Kindergarten to Grade 6 students living in Huntington Hills. Dr. J.K. Mulloy School also accommodates Division II 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 involves evaluating the possibility of accommodating students in an 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"> • 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.).
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 \$7.5 million (2009 prices).</p>

7.0 2013-2014 SCHOOL CAPITAL PLAN
7.1 School Expansion
Centennial High School (C-12)
Current and Future Student Accommodation Plan
<p>Centennial High School is located in southeast Calgary in the community of Sundance, which is an established community.</p> <p>Regular Program</p> <p>Centennial High School currently accommodates the Regular program for Grades 10-12 students living in the communities of Bridlewood, Chaparral, Evergreen Estates, 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 22,000 people. The southeast developing communities’ five-year growth is expected to be 32,500 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 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 64 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 \$6 million (2009 prices).</p>

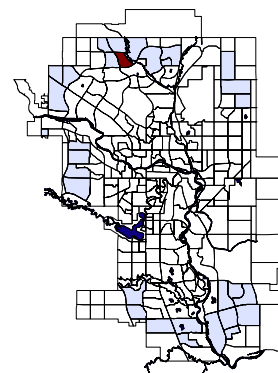
2013-2014 SCHOOL CAPITAL PLAN

7.1 New School Construction

Kincora Elementary (C-13)

School Community Profile

- The Kincora Community began development in 2006 and is located in the North sector of the City, north of Stoney Trail, south of 128 Avenue NW, east of Shaganappi Trail, and west of Symons Valley Road.
- As of the April 2009 Census, the total number of occupied dwelling units in Kincora was 1,075 with a population of 3,385.
- The Kincora community is planned for an estimated 2,350 housing units with a population capacity of 6,600 to 7,300.
- The community had an average annual population growth of 1,128 persons during the past three-year period and has completed approximately 46% of its development.



Enrolment Profile

- As of the April 2009 Census, there were 289 public pre-school-aged children.
- As of September 30, 2009, there were 117 Kindergarten to Grade 4 students residing in Kincora who attended CBE schools.

Site Planning and Transportation

- There is one elementary school site in Kincora.
- Kincora students are currently accommodated in Cambrian Heights School located in the Cambrian Heights community in Area V. Median travel time to Cambrian Heights School is 31 minutes.

Recommendation

- Construct a core elementary K-4 school for 400 students complete with space to support a relocatable addition for 200 students in eight units. The capacity of the school will be 600 and this will be the opening day capacity.
- The total project cost is budgeted at \$15 million (2009 prices).

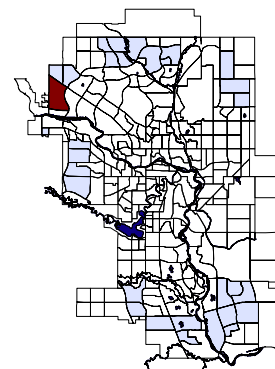
2013-2014 SCHOOL CAPITAL PLAN

7.1 New School Construction

Tuscany Elementary School ⁽²⁾ (C-14)

School Community Profile

- The Tuscany Community began development in 1995 and is situated in the northwest, south of Crowchild Trail and west of Stoney Trail.
- As of the April 2009 Census, the total number of occupied dwelling units was 6,228 with a population of 18,272.
- 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 1,234 persons during the past three-year period and has completed approximately 95% of its development.



Enrolment Profile

- As of the April 2009 Census, there were 1,780 public pre-school-aged children in Tuscany.
- As of September 30, 2009, there were 951 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

- 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

- Construct a core elementary K-4 school for 400 students complete with space to support a relocatable addition for 200 students in eight units. The capacity of the school will be 600 and this will be the opening day capacity.
- 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 \$15 million (2009 prices).

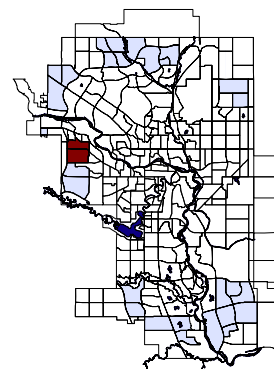
2013-2014 SCHOOL CAPITAL PLAN

7.1 New School Construction

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 S.W., east of the City Limits, south of the Cougar Ridge community and west of the Coach Hill community.
- As of the April 2009 Census, the total number of occupied dwelling units was 2,188 with a population of 6,654. The community is planned for an estimated 4,480 housing units with a population capacity of 12,000 to 13,300.
- The community had an average annual population growth of 448 persons during the past three-year period and has completed approximately 46% 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 S.W., south of Canada Olympic Park and east of the City Limits.
- As of the April 2009 Census, the total number of occupied dwelling units was 1,836 with a population of 5,525. The community is planned for an estimated 2,640 housing units with a population capacity of 7,100 to 7,900.
- The community had an average annual population growth of 383 persons during the past three-year period and has completed approximately 70% of its development.



Enrolment Profile

- As of September 30, 2009, there were 224 Kindergarten to Grade 4 students and 178 Grades 5-9 students residing in the West Springs community who attended CBE schools.
- As of September 30, 2009, there were 183 Kindergarten to Grade 4 students and 128 Grades 5-9 students residing in the Cougar Ridge community who attended CBE schools.

Site Planning and Transportation

- There is one elementary site in Cougar Ridge. 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.
- 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 20 minutes.

West Springs/Cougar Ridge Middle School (C-15) - <i>continued</i>
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 \$28.4 million (2009 prices), including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance.

2013-2014 SCHOOL CAPITAL PLAN

7.2 School Preservation/Major Modernizations

Christine Meikle School (M-17)

Current and Future Student Accommodation Plan

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.

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.

Facility Description

The Christine Meikle School facility is leased from the City of Calgary. The lease agreement was recently 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.

There are currently 85 students at the school. The total area of the building is 2,464 m² consisting of 11 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.

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:

- Roof elements require upgrading (drain and gutter modifications, a modified styrene bitumen roofing membrane system, 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.).

In the summer of 2009, a renovation project to update many exterior doors and windows of the facility was completed.

Christine Meikle School (M-17) - continued
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 (2009 prices). An estimated cost of a new school would be \$14 million.</p>

2013-2014 SCHOOL CAPITAL PLAN
7.2 School Preservation/Major Modernizations
A.E. Cross School (M-18)
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> <p>Regular Program and System Special Education</p> <p>A.E. Cross School currently accommodates the Regular program for Grades 7-9 students living in Glenbrook, Glamorgan, Killarney, Glengarry, Lincoln Park, Richmond, CFB Lincoln Park/Garrison Green, and Rutland Park. Students residing in Signal Hill and Springbank Hill are also currently designated to A.E. Cross School for Grades 7-9.</p> <p>System Special Education</p> <p>A.E. Cross School accommodates Paced Learning classes and Learning and Literacy classes for Area IV students.</p> <p>National Sports Development (NSD) Alternative Program</p> <p>A.E. Cross School accommodates the National Sports Development alternative program for Grades 7-9 students.</p> <p>The long-term student accommodation plan for A.E. Cross School is to accommodate students from their home area and to continue to accommodate students residing in new and developing communities in southwest Calgary. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that enrolment will be at or near capacity.</p>
Facility Description
<p>The original building was built in 1961 with a two-storey classroom wing added in 1966. The building has a masonry and steel construction, wood-roof deck with masonry and curtain wall exterior. A modernization took place in 1983. The gross building area is 9,064 m² consisting of 38 classrooms, with the majority of the classrooms being slightly smaller than current standards. The provincial capacity of A.E. Cross has been set at 1066 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> <p>In 2009, Alberta Infrastructure evaluated school facilities through RECAP and rated the overall condition of the facility as being in good to 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.) • Electrical systems require upgrading (expand current circuit system).

A.E. Cross School (M-18)
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 \$14 million (2009 prices).</p>

2013-2014 SCHOOL CAPITAL PLAN

7.2 School Preservation/Major Modernizations

Sir John A. Macdonald School (M-19)

Current and Future Student Accommodation Plan

Sir John A. Macdonald School is located in north-central Calgary in the community of Huntington Hills, which is an established community.

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. Students residing in Panorama Hills are also currently designated to Sir John A. Macdonald School for Grades 7-9.

System Special Education

Sir John A. Macdonald School accommodates Paced Learning classes for Area II students.

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.

Facility Description

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.

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).

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:

- Exterior requires upgrades (painting, caulking, etc.)
- Interior spaces require upgrading (barrier-free accessibility features, etc.)
- Mechanical systems require upgrading (HVAC system, boilers, hot water system, etc.)
- Electrical systems require upgrading (telephone system, security system, motion detectors, etc.).

Sir John A. Macdonald School (M-19)
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 \$14 million (2009 prices).</p>

2013-2014 SCHOOL CAPITAL PLAN

7.2 School Preservation/Major Modernizations

Henry Wise Wood High School (M-20)

Current and Future Student Accommodation Plan

Henry Wise Wood High School is located in southwest Calgary in the community of Kelvin Grove, which is an established community.

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.

International Baccalaureate (IB) Alternative Program

Henry Wise Wood High School currently accommodates the International Baccalaureate (IB) alternative program for senior high residing in Area V.

System Special Education

Henry Wise Wood High School currently accommodates Gifted and Talented, 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 Grades 9-10 students residing in Areas IV and V. The program will expand to Grade 12 over the next two years.

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 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.

Facility Description

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. In 2005, upgrades were made to the ceilings in second and third floor classrooms.

The total floor area is 15,804 m² and the school has 75 classrooms. The provincial capacity of the school is 1,946 student spaces. The teaching spaces are different sizes and have good natural light.

Henry Wise Wood High School (M-20) - continued

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:

- Exterior requires upgrades (curtain walls require replacement, painting, etc.)
- Interior spaces require upgrading (barrier-free accessibility features, 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, vapor fixtures in cafeteria, motor starters, main distribution switchgear in school, etc.).

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.

Modernization

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 \$29 million (2009 prices).

2013-2014 SCHOOL CAPITAL PLAN

7.2 School Preservation/Major Modernizations

Woodman School (M-21)

Current and Future Student Accommodation Plan

Woodman School is located in southwest Calgary in the community of Haysboro, which is an established community.

Regular Program

Woodman School currently accommodates the Regular program for Grades 7-9 students living in Chinook Park, Eagle Ridge, and Kingsland. Students residing in Woodlands, Woodbine, and Evergreen are also currently designated to Woodman School for Grades 7-9. Woodman School may change to a middle school in the future.

System Special Education

Woodman School currently accommodates Paced Learning classes and an ACCESS class. 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.

Facility Description

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.

The gross building area is 8,744 m² consisting of 35 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.

In 2009, 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:

- Exterior requires upgrades (replacement of windows and doors, painting, etc.)
- Interior spaces require upgrading (barrier-free accessibility features, doors, hardware, shower stalls, indicators)
- Mechanical systems require upgrading (most mechanical systems are past lifecycle)
- Electrical systems require upgrading (many components are past lifecycle, but still functional).

Woodman School (M-21)
Modernization
<p>The modernization will include replacement and upgrading of all building systems, mechanical and electrical equipment. All worn finishes and fixtures (e.g., flooring, ceilings, paint, millwork, and lockers) 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 \$14 million (2009 prices).</p>

Capacity and Utilization

There are Sectors associated with each Area that provide for smaller units of analysis. A map of the Sectors is included (see **Map 9**) at the end of Appendix I.

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

Elementary/Junior High Students by Residence 2009-2010				
		Elementary/Junior Students	Elementary/Junior Capacity	Utilization
AREA I	Sector 1	5,268	7,007	75.2%
	Sector 2	7,770	7,580	102.6%
TOTAL		13,038	14, 587	89.4%
AREA II	Sector 3	3,735	13,038	28.7%
	Sector 4	9,293	7,046	131.9%
TOTAL		13,028	20,084	64.9%
AREA III	Sector 5	17,607	19,577	89.9%
TOTAL		17,607	19,577	89.9%
AREA IV	Sector 6	6,347	8,427	75.3%
	Sector 7	4,288	6,788	63.2%
TOTAL		10,635	15,215	69.9%
AREA V	Sector 8	7,548	17,518	43.1%
	Sector 9	11,145	7,254	153.6%
TOTAL		18,693	24,772	75.5%
GRAND TOTAL		73,001	94,235	77.5%

Notes:

- Student numbers are based on ArcView data as at September 30, 2009 (K@FTE to Grade 9).
- Capacity as per Alberta Infrastructure's ACU Report dated March 25, 2009 assuming exemptions.
- Under -utilized and over-utilized are shown on Map 10.

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

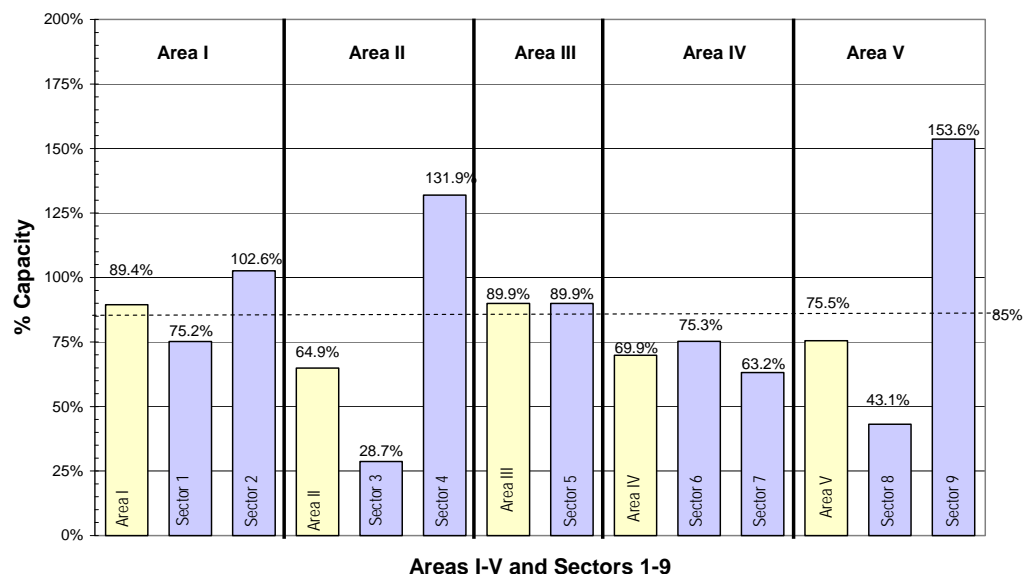


Table 2: Capacity by Residence Senior High (%)

Senior High Students by Residence 2009-2010				
Area	Sector	Senior High Students	Senior High Capacity	% Utilization
AREA I	Sector 1	1,956	2,483	78.8%
	Sector 2	3,346	2,015	166.1%
Total		5,302	4,498	117.9%
AREA II	Sector 3	1,490	6,763	22.0%
	Sector 4	3,038	1,300	233.7%
Total		4,528	8,063	56.2%
AREA III	Sector 5	6,513	4,816	135.2%
Total		6,513	4,816	135.2%
AREA IV	Sector 6	2,756	1,680	164.0%
	Sector 7	2,248	5,062	44.4%
Total		5,004	6,742	74.2%
AREA V	Sector 8	3,524	6,121	57.6%
	Sector 9	4,001	1,807	221.4%
Total		7,525	7,928	94.9%
Grand Total		28,872	32,047	90.0%

Notes:

- Student numbers are based on ArcView data as at September 30, 2009
- Capacity as per Alberta Infrastructure's ACU Report dated March 25, 2009 assuming exemptions.
- Under-utilized and over-utilized are shown on Map 11.

Senior High Area Utilization Rates by Residence

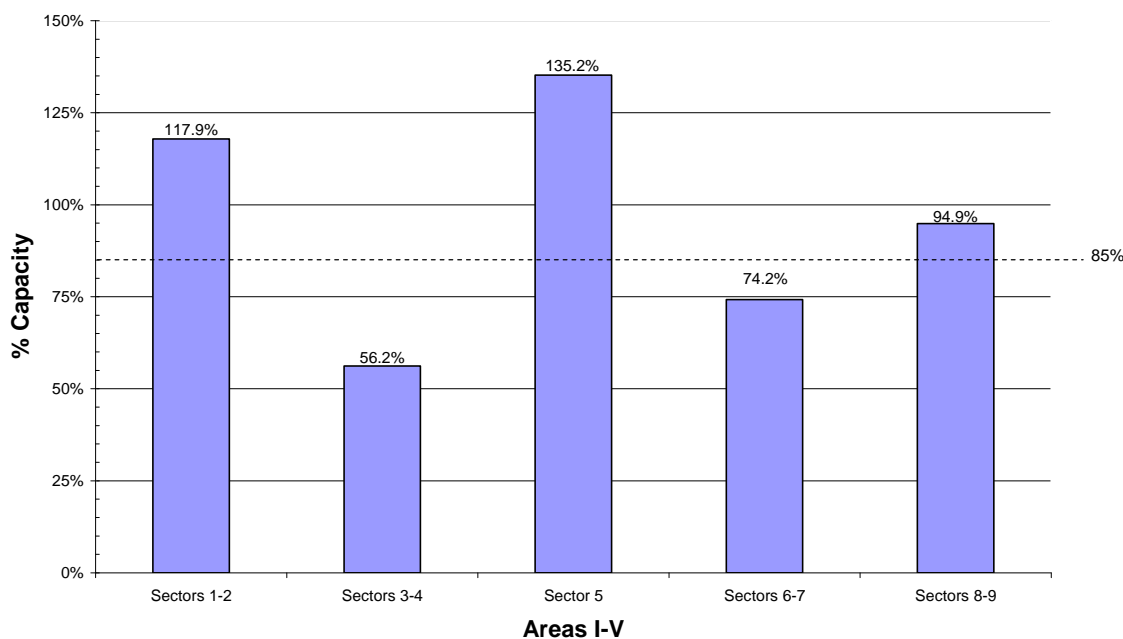


Table 3: % Capacity for Elementary/Junior High by Enrolment

Elementary/Junior High Students by Enrolment 2009-2010				
Area	Sector	Elementary/ Junior Students	Elementary/ Junior Capacity	Utilization
AREA I	Sector 1	4,923	7,007	70.3%
	Sector 2	6,931	7,580	91.4%
	Total	11,854	14,587	81.3%
AREA II	Sector 3	9,479	13,038	72.7%
	Sector 4	5,818	7,046	82.6%
	Total	15,297	20,084	76.2%
AREA III	Sector 5	15,814	19,577	80.8%
Total		15,814	19,577	80.8%
AREA IV	Sector 6	6,139	8,427	72.9%
	Sector 7	4,505	6,788	66.4%
	Total	10,644	15,215	70.0%
AREA V	Sector 8	12,591	17,518	71.9%
	Sector 9	5,958	7,254	82.1%
	Total	18,549	24,772	74.9%
Grand Total		72,158	94,235	76.6%

Notes:

- Student numbers are based on ArcView data as at September 30, 2009 (K@FTE to Grade 9).
- Capacity as per Alberta Infrastructure's ACU Report dated March 25, 2009 assuming exemptions.

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

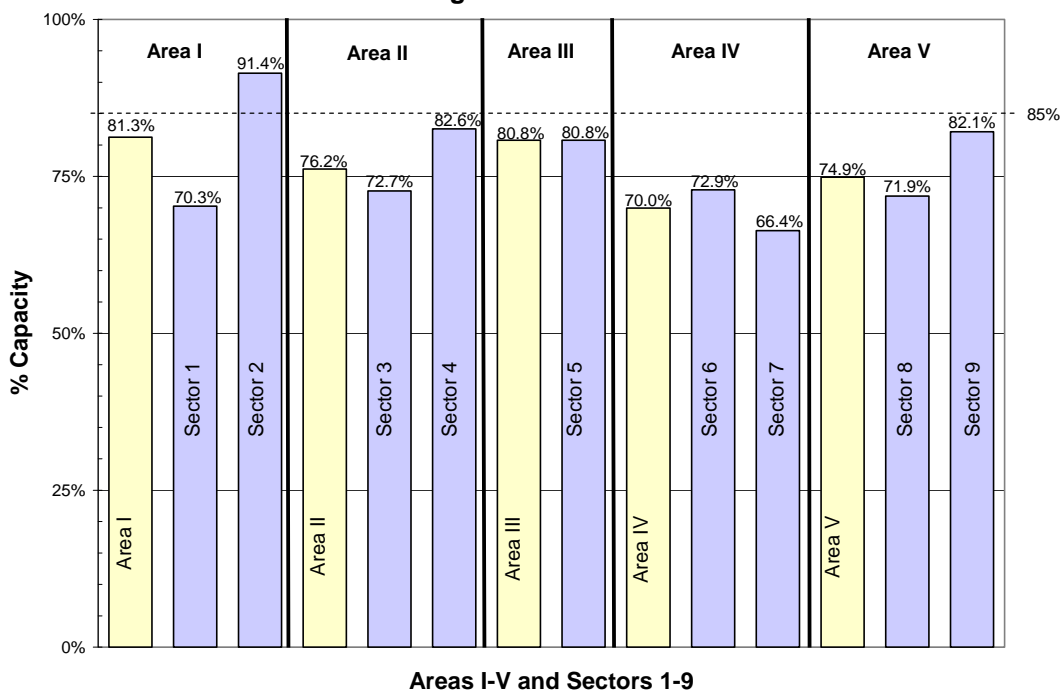


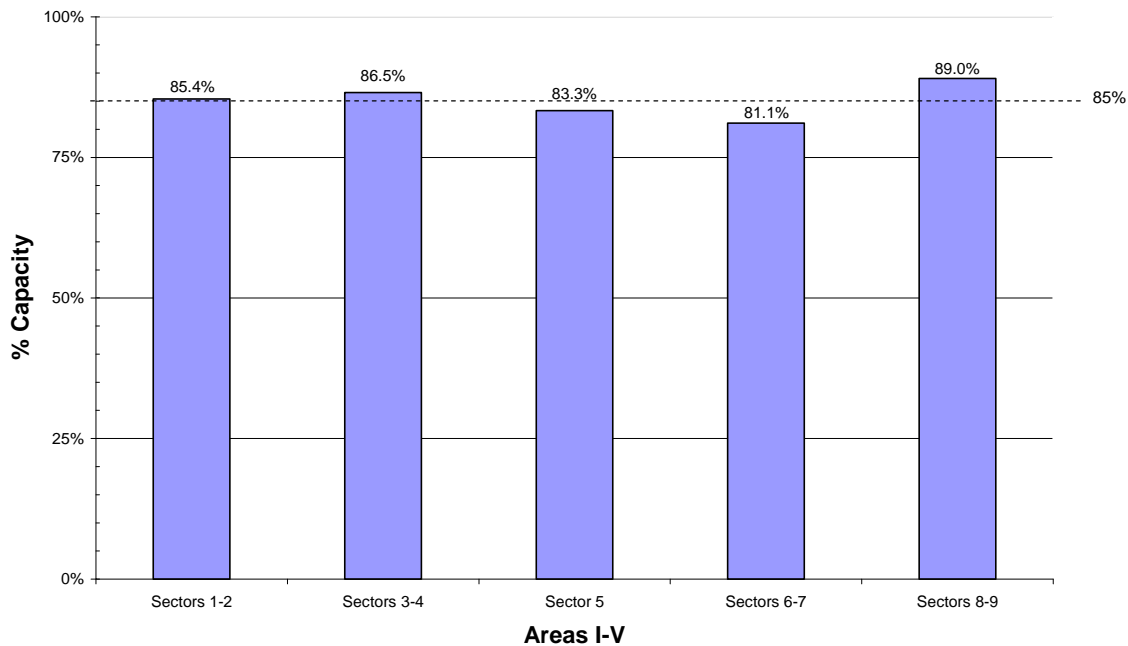
Table 4: % Capacity by Enrolment – Senior High

Senior High Students by Enrolment 2009-2010				
		Senior High Students	Senior High Capacity	% Utilization
AREA I	Sector 1	1,827	2,483	74.0%
	Sector 2	2,013	2,015	99.9%
Total		3,840	4,498	85.4%
AREA II	Sector 3	5,505	6,763	81.4%
	Sector 4	1,473	1,300	113.3%
Total		6,978	8,063	86.5%
AREA III	Sector 5	4,013	4,816	83.3%
Total		4,013	4,816	83.3%
AREA IV	Sector 6	1,239	1,680	73.8%
	Sector 7	4,228	5,062	83.5%
Total		5,467	6,742	81.1%
AREA V	Sector 8	5,280	6,121	86.3%
	Sector 9	1,778	1,807	98.4%
Total		7,058	7,928	89.0%
TOTAL		27,356	32,047	85.4%

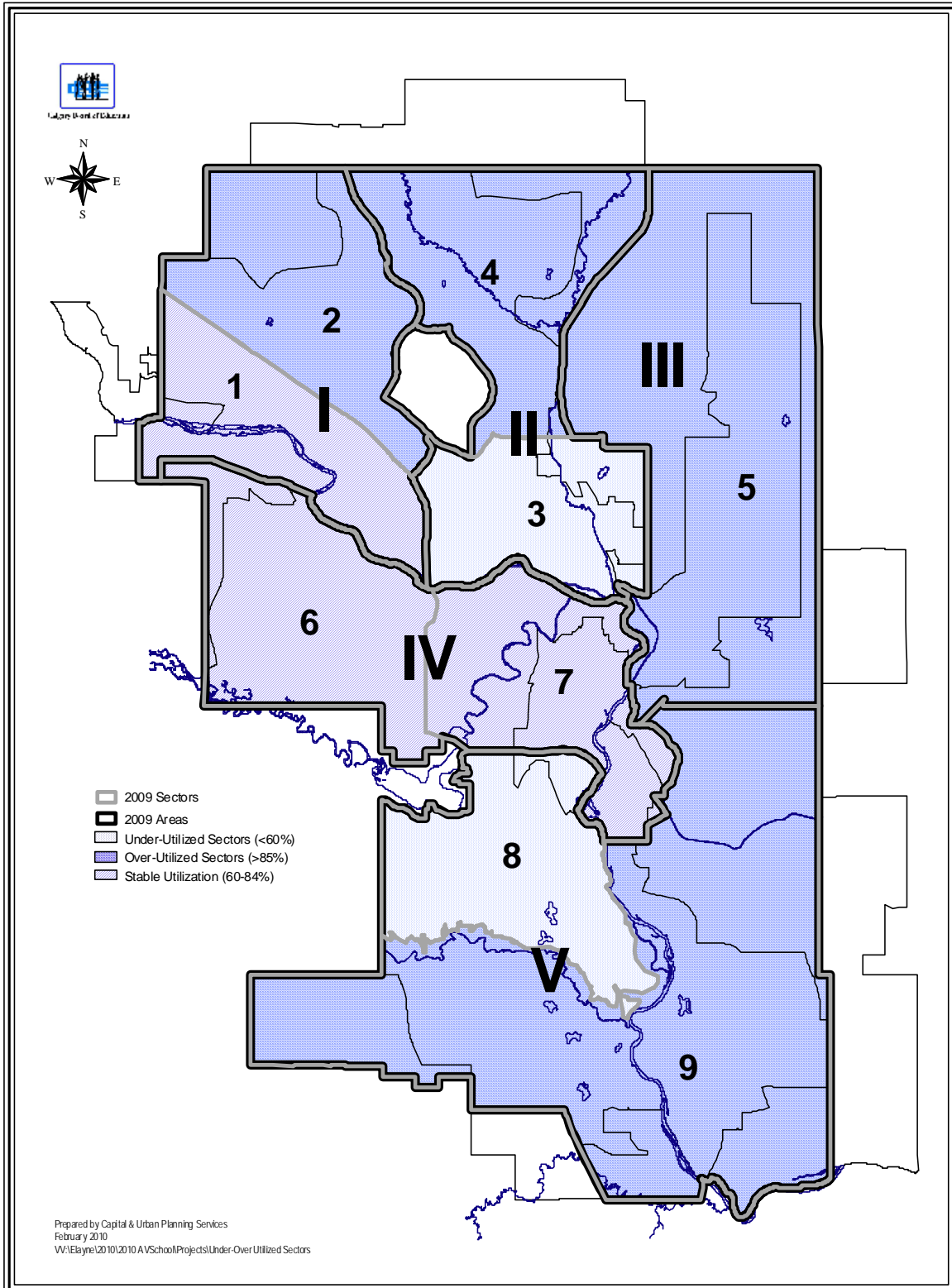
Notes:

- Student numbers are based on ArcView data as at September 30, 2009
- Capacity as per Alberta Infrastructure's ACU Report dated March 25, 2009 assuming exemptions.

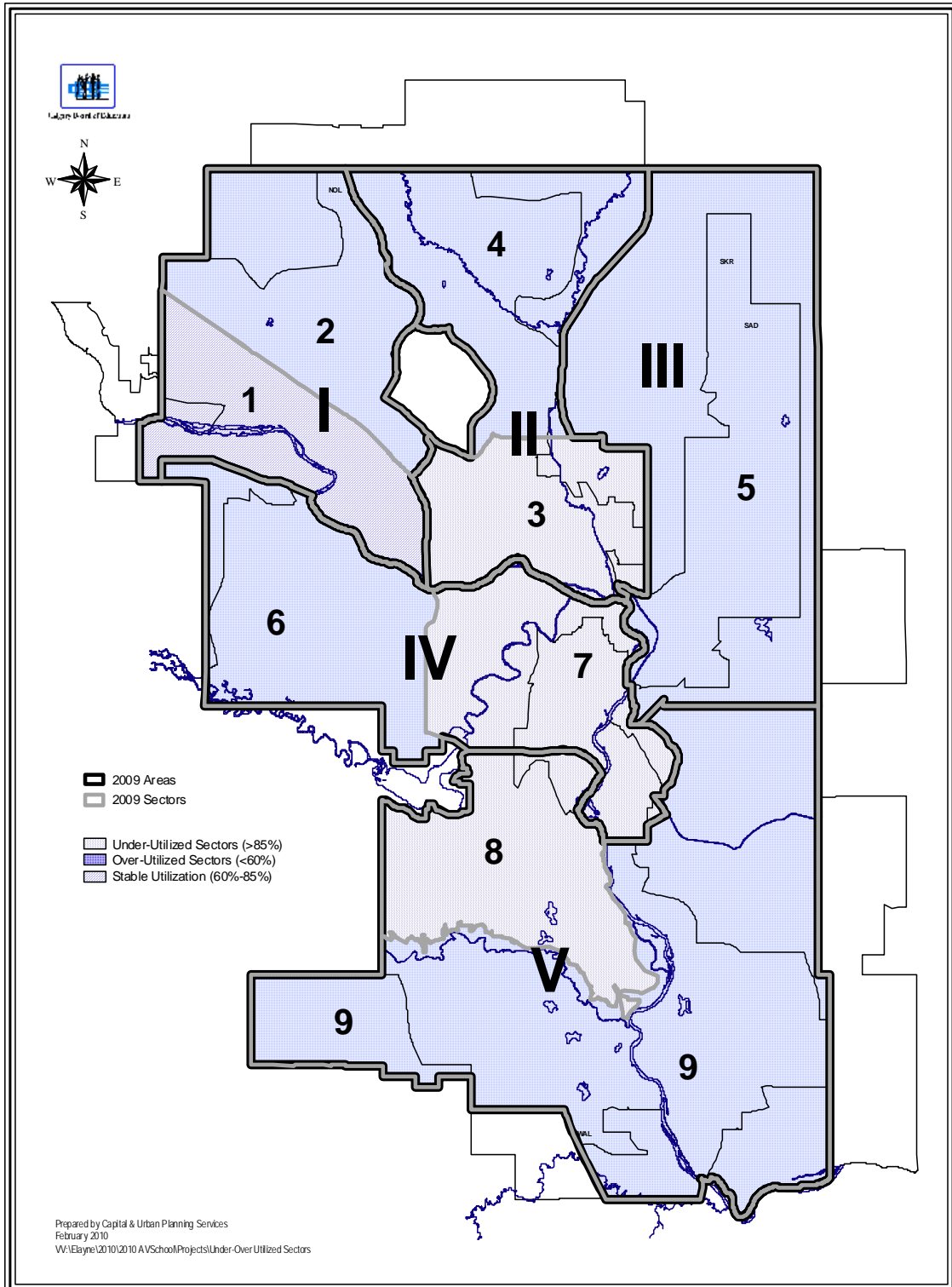
Senior High Area Utilization Rates by Enrolment



Sector Utilization in Sectors and Areas by Residence
for Kindergarten to Grade 9



Sector Utilization in Sectors and Areas by Residence for Grades 10-12



Modernization Ranking

Modernization Ranking

Modernization	Area	Grade	Points	Rank
Bowness	I	Grades 10-12	440	1
Elboya*	IV	Grades K-9	440	2
Thomas B. Riley	I	Grades 5-9	440	3
Robert Warren	V	Grades 5-9	420	4
Nickle	V	Grades 5-9	420	5
Senator Patrick Burns	II	Grades 5-9	410	6
Fairview	V	Grades 5-9	405	7
Louis Riel	V	Grades K-9	395	8
Altadore	IV	Grades K-6	390	9
Ernest Morrow	III	Grades 7-9	385	10
Sherwood	IV	Grades 5-9	385	11
Sir Wilfrid Laurier	III	Grades 5-9	380	12
Dr. J.K. Mulloy	II	Grades K-6	370	13
A.E. Cross	IV	Grades 7-9	340	14
Sir John A. Macdonald	II	Grades 7-9	320	15
Henry Wise Wood	V	Grades 9-12	320	16
Woodman	V	Grades 7-9	300	17

* Recommended as replacement school.

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

- Health and safety of students and staff (implemented immediately).
- 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

Community Ranking

Community	Area	Grade	Points	Rank
Saddle Ridge	III	Grades 5-9	116	1
Royal Oak/Rocky Ridge	I	Grades 5-9	110	2
Copperfield	V	K-4	99	3
New Brighton	V	K-4	98	4
New Brighton/Copperfield	V	Grades 5-9	94	5
Springbank Hill	IV	K-4	92	6
Evanston	II	K-4	90	7
McKenzie Towne	V	Grades 5-9	86	8
Springbank Hill/Discovery Ridge	IV	Grades 5-9	84	9
Evergreen	V	Grades 5-9	82	10
Kincora	II	K-4	81	11
Tuscany ⁽²⁾	I	K-4	80	12
West Springs/Cougar Ridge	IV	Grades 5-9	75	13
Panorama Hills ⁽²⁾	II	K-4	70	14
Country Hills/Harvest Hills	II	K-4	66	15
Martindale ⁽²⁾	III	K-4	60	16
Cranston	V	Grades 5-9	54	17
Cougar Ridge	IV	K-4	53	18
Signal Hill	IV	Grades 5-9	52	19
Country Hills/Harvest Hills	II	Grades 5-9	50	20
Silverado	V	K-4	50	21
Valley Ridge/Crestmont	I	K-4	49	22
Bridlewood	V	Grades 5-9	48	23
Auburn Bay	V	K-4	43	24
Saddle Ridge ⁽²⁾	III	K-4	40	25
Evergreen ⁽²⁾	V	K-4	40	26
Evanston	II	Grades 5-9	39	27
Aspen Woods	IV	K-4	39	28
Discovery Ridge	IV	K-4	35	29
Aspen Woods	IV	Grades 5-9	22	30
Hamptons	II	K-4	20	31
Cranston ⁽²⁾	V	K-4	20	32
Sherwood	I	K-4	0	33

Notes:

- (2) Indicates second K-4 school.
- In the case of a tie, the strongest community growth profile is ranked first.

2011-2014 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	Travel on High Speed Corridor	
Area I							
Hamptons	0	20	0	0	0	0	20
Sherwood	0	0	0	0	0	0	0
Tuscany ⁽²⁾	35	30	15	0	0	0	80
Valley Ridge/Crestmont	15	10	0	24	0	0	49
Area II							
Country Hills/Harvest Hills	25	20	0	21	0	0	66
Evanston	15	40	5	30	0	0	90
Kincora	5	30	15	31	0	0	81
Panorama Hills ⁽²⁾	25	30	15	0	0	0	70
Area III							
Martindale ⁽²⁾	15	20	0	15	10	0	60
Saddle Ridge ⁽²⁾	25	0	15	0	0	0	40
Area IV							
Aspen Woods	0	0	5	24	10	0	39
Cougar Ridge	15	20	0	18	0	0	53
Discovery Ridge	5	10	0	20	0	0	35
Springbank Hill	15	40	10	17	10	0	92
Area V							
Auburn Bay	5	0	5	28	0	5	43
Copperfield	25	30	10	29	0	5	99
Cranston ⁽²⁾	5	0	15	0	0	0	20
Evergreen ⁽²⁾	25	0	15	0	0	0	40
New Brighton	15	30	15	33	0	5	98
Silverado	0	0	10	40	0	0	50

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

2011-2014 Ranking for Capital Submission – Middle/Junior (Grades 5-9)

Community	Community Growth Profile (points)			Busing and Travel Time (points)			Total Points
	Elementary (K-GR4) Enrolment	Build Out/ Middle (GR 5-9) Enrolment	Annual Population Growth 3-Yr Average	Median Travel Time	Bus Receivers	Travel on High Speed Corridors	
Area I							
Royal Oak/Rocky Ridge	35	30	15	30	0	0	110
Area II							
Country Hills/Harvest Hills	5	20	0	25	0	0	50
Evanston	0	0	5	34	0	0	39
Area III							
Saddle Ridge	25	50	15	26	0	0	116
Area IV							
Aspen Woods	0	0	5	17	0	0	22
Signal Hill	15	20	0	17	0	0	52
Springbank Hill/Discovery Ridge	15	30	15	24	0	0	84
West Springs/Cougar Ridge	15	30	10	20	0	0	75
Area V							
Bridlewood	5	10	15	18	0	0	48
Cranston	5	0	15	29	0	5	54
Evergreen	15	30	15	22	0	0	82
McKenzie Towne	15	20	15	31	0	5	86
New Brighton/Copperfield	15	30	15	29	0	5	94

- Notes:
1. 0 points in Community Growth Profile = 0 points in Busing and Travel Time.
 2. Communities that have a new middle school constructed or approved are not ranked.
 3. Communities with an accommodation plan for Grades 5-9 students are not ranked.

CBE Point Assignments

Kindergarten – Grade 4, September 30, 2009				
Preschool Census (Age 1-5)				
200-350	5 points			
351-500	15 points			
501-650	25 points			
> 650	35 points			

K-4 Enrolment				
% Build Out of Community	100-250	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	25 points			

Median Travel Time to Bus Receiver				
1 point per minute to a maximum of 45 points	45 points			
Bus Receiver – Elementary				
Greater than one bus receiver school (no phase-outs)	10 points			
Travel on High-Speed Corridors				
Travel on Deerfoot Trail	5 points			

Middle/Junior High, September 30, 2009				
Elementary (K-4) Enrolment				
200-350	5 points			
351-500	15 points			
501-650	25 points			
> 650	35 points			

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			

Median Travel Time to Bus Receiver				
1 point per minute to a maximum of 45 points	45 points			
Bus Receiver – Elementary				
Greater than one bus receiver school (no phase-outs)	10 points			
Travel on High-Speed Corridors				
Travel on Deerfoot Trail	5 points			

Glossary of Terms and Definitions

CBE Definitions

Additions/Expansions: Changes the gross area of building.

Alberta Schools Alternative Procurement: (ASAP)

CTC: Career and Technology Curriculum

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

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 Ed. at 3:1)